

Table 1: Mexico Post-Transition DTV Allotment Plan

Final Digital Channel	Potential Analog & Digital Deletion	State	City	Latitude (NAD83)	Longitude (NAD83)	Call Sign	ERP (kW)	RCAMSL (m)	Antenna	Antenna ID	Comments
14	D44	BN	ENSENADA	31-53-26.00	116-37-50.00	LICITACION	250.00	370.00	DA	1000	
16	A13	BN	ENSENADA	31-52-25.00	116-37-51.30	XHENE	29.30	144.00	DA	1001	
17	A17, D48	BN	ENSENADA	31-52-22.00	116-37-51.00	XHENJ	38.00	205.00	DA	1002	
20	A2	BN	ENSENADA	31-52-25.00	116-37-51.30	XHENT	29.10	144.00	DA	1003	
23	A23, D43	BN	ENSENADA	31-52-22.00	116-37-51.00	XHS	38.00	205.00	DA	1005	
24		BN	ENSENADA	31-53-26.00	116-37-50.00	CADENA TRES	250.00	370.00	ND		
26	A57	BN	ENSENADA	31-52-22.00	116-37-51.00	XHEBC	38.00	205.00	DA	2005	
29	A29, D35	BN	ENSENADA	31-53-26.00	116-37-50.00	XHENB	1.00	368.30	DA	1006	
Floating	P15	BN	ENSENADA	31-53-26.00	116-37-50.00	LICITACION	250.00	370.00	ND		Mex 2016 auction
Floating	P25	BN	ENSENADA	31-51-28.00	116-36-21.00	LICITACION	30.00	74.00	ND		Mex 2016 auction
14(**)	A3, D47	BN	MEXICALI	32-36-41.00	115-29-39.00	XHBC	200.00	168.00	DA	1007	
15(**)	A38, D45	BN	MEXICALI	32-36-41.00	115-29-39.00	XHMEE	200.00	168.00	DA	1008	
16	D35	BN	MEXICALI	32-36-41.00	115-29-39.00	LICITACION	300.00	80.00	DA	1009	
17	D24	BN	MEXICALI	32-36-41.00	115-29-39.00	CADENA TRES	400.00	80.00	DA	1010	
18(**)	A32, D44	BN	MEXICALI	32-36-41.00	115-29-39.00	XHMEX	200.00	163.00	DA	1011	
20(**)	A66, D46	BN	MEXICALI	32-31-34.00	115-35-49.00	XHILA	107.00	135.00	DA	1012	
25	A20	BN	MEXICALI	32-36-46.20	115-29-16.90	XHEXT	255.00	99.00	DA	1013	
28	A5	BN	MEXICALI	32-36-46.20	115-29-16.90	XHAQ	252.00	99.00	DA	1014	
34	A14	BN	MEXICALI	32-36-41.00	115-29-39.00	XHBM	180.00	163.00	DA	1015	
Floating	P21	BN	MEXICALI	32-31-34.00	115-35-49.00	LICITACION	107.00	135.00	ND		Mex 2016 auction
21	A2	BN	SAN FELIPE	31-01-09.90	114-50-24.00	XHFEC	1.02	34.00	DA	1016	
22	A4	BN	SAN FELIPE	31-01-21.21	114-50-15.71	XHSFE	5.00	35.00	ND		
23	D51	BN	SAN FELIPE	31-01-09.99	114-50-24.00	LICITACION	35.00	45.00	ND		
26	A26	BN	SAN FELIPE	31-01-21.21	114-50-15.71	XHSFB	40.00	45.00	ND		
30		BN	SAN FELIPE	31-01-09.99	114-50-24.00	CADENA TRES	35.00	45.00	ND		
33	A8	BN	SAN FELIPE	31-01-21.21	114-50-15.71	XHSFN	40.00	45.00	ND		
25	D49	BN	SAN QUINTIN - SAN TELMO	30-33-55.99	115-56-36.00	CADENA TRES	50.00	120.00	ND		
30	A36	BN	SAN QUINTIN - SAN TELMO	30-33-55.99	115-56-36.00	LICITACION	50.00	120.00	ND		
21(**)	A49, D47	BN	TECATE	32-18-49.00	116-39-53.00	XHDTV	300.00	1,353.00	DA	1017	

Final Digital Channel	Potential Analog & Digital Deletion	State	City	Latitude (NAD83)	Longitude (NAD83)	Call Sign	ERP (kW)	RCAMSL (m)	Antenna	Antenna ID	Comments
15*(**)	A3, D46	BN	TIJUANA	32-28-26.50	116-53-49.20	XHTJB	79.00	607.50	DA	1019	Available on a *(R)estricted basis. The station and allotment are restricted to the current XHTJB operating parameters of 79kW ERP and 607.5m RCAMSL and directional antenna #1019 in order to protect land mobile services in Los Angeles.
22	A57	BN	TIJUANA	32-30-05.51	117-02-23.00	XHUAA	200.00	403.00	DA	1020	
23	A6	BN	TIJUANA	32-30-05.51	117-02-23.00	XETV	200.00	403.00	DA	1021	
27	A45	BN	TIJUANA	32-30-05.51	117-02-23.00	XHBJ	75.00	297.00	DA	1018	
28	A27	BN	TIJUANA	32-30-08.10	117-02-21.10	XHJK	151.00	379.00	DA	1022	
29	A21	BN	TIJUANA	32-30-08.10	117-02-21.10	XHTIT	148.00	379.00	DA	1023	
32	A12	BN	TIJUANA	32-30-05.51	117-02-23.00	XEWT	200.00	403.00	DA	1024	
33	D38	BN	TIJUANA	32-30-06.00	117-02-23.00	CADENA TRES	400.00	408.00	ND		
34		BN	TIJUANA	32-30-17.00	117-02-25.00	XHAS	400.00	350.80	DA	1025	
Floating	P38	BN	TIJUANA	32-30-06.00	117-02-23.00	LICITACION	400.00	408.00	ND		
Floating	P14	BN	TIJUANA	32-30-06.00	117-02-23.00	LICITACION	400.00	412.00	ND		Mex 2016 auction
14	A9	CH	ALDAMA	30-00-16.21	107-44-45.90	XHALC	1.00	1,603.50	ND		
21	A11	CH	CHIHUAHUA	28-38-48.60	106-03-01.10	XHECH	44.40	1,774.50	DA	1026	
22	A2	CH	CHIHUAHUA	28-38-48.60	106-03-01.10	XHCH	51.50	1,774.50	DA	1027	
23	A4	CH	CHIHUAHUA	28-38-48.60	106-03-01.10	XHIT	51.40	1,774.50	DA	1028	
24	A13	CH	CHIHUAHUA	28-38-48.50	106-02-59.65	XHCHZ	47.00	1,762.00	DA	1029	
25	A20	CH	CHIHUAHUA	28-38-48.00	106-03-00.00	XHCHI	130.00	1,765.30	DA	1030	
26	A5	CH	CHIHUAHUA	28-38-48.50	106-02-59.65	XHFI	47.00	1,761.00	DA	1031	
29	D42	CH	CHIHUAHUA	28-38-49.00	106-03-00.00	CADENA TRES	1,000.00	1,780.00	ND		
30	D51	CH	CHIHUAHUA	28-38-49.00	106-03-00.00	LICITACION	1,000.00	1,780.00	ND		
32	A9	CH	CHIHUAHUA	28-37-55.00	106-03-39.01	XHAUC	45.00	1,580.00	DA	1032	
34	A28	CH	CHIHUAHUA	28-38-52.80	106-03-49.90	XHABC	5.00	1,453.00	ND		
Floating	P27	CH	CHIHUAHUA	28-38-07.00	106-05-20.00	LICITACION	50.00	1,493.00	ND		Mex 2016 auction
Floating	P30	CH	CHIHUAHUA	28-38-07.00	106-05-20.00	LICITACION	50.00	1,493.00	ND		Mex 2016 auction
21	A6	CH	CIUDAD CAMARGO	27-40-20.20	105-10-53.89	XHCGJ	4.08	1,253.00	DA	1033	

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27		CH	CIUDAD CAMARGO	27-40-57.00	105-09-43.01	CADENA TRES	1,000.00	1,337.00	ND		
31		CH	CIUDAD CAMARGO	27-40-57.00	105-09-43.01	LICITACION	1,000.00	1,337.00	ND		
35		CH	CIUDAD CAMARGO	27-40-57.00	105-09-43.01	LICITACION	1,000.00	1,337.00	ND		
36	A7, D46	CH	CIUDAD CAMARGO	27-40-57.00	105-09-43.01	XHCHC	24.00	1,272.00	DA	1034	
20	A20, D50	CH	CIUDAD CUAUHEMOC	28-23-38.46	106-50-56.34	XHCHU	50.00	2,260.90	ND		
31	D38	CH	CIUDAD CUAUHEMOC	28-24-15.00	106-51-27.00	LICITACION	1,000.00	2,226.00	ND		
33	A2, D47	CH	CIUDAD CUAUHEMOC	28-24-18.21	106-51-26.76	XHCTH	1.00	2,165.00	ND		
35	D41	CH	CIUDAD CUAUHEMOC	28-24-15.00	106-51-27.00	CADENA TRES	750.00	2,226.00	ND		
36	A5, D49	CH	CIUDAD CUAUHEMOC	28-24-15.00	106-51-27.00	XHCCH	26.00	2,174.00	DA	1035	
Floating	P35	CH	CIUDAD CUAUHEMOC	28-24-15.00	106-51-27.00	LICITACION	1,000.00	2,226.00	ND		Mex 2016 auction
Floating	P36	CH	CIUDAD CUAUHEMOC	28-24-15.00	106-51-27.00	LICITACION	1,000.00	2,226.00	ND		Mex 2016 auction
Floating	P18	CH	CIUDAD CUAUHEMOC	28-24-18.21	106-51-26.76	LICITACION	20.00	2,160.00	ND		Mex 2016 auction
Floating	P33	CH	CIUDAD CUAUHEMOC	28-24-15.00	106-51-27.00	LICITACION	26.00	2,174.00	ND		Mex 2016 auction
19	A13, D44	CH	CIUDAD DELICIAS	28-10-48.30	105-28-31.50	XHCDE	20.00	1,220.00	DA	1036	
20	A20, D48	CH	CIUDAD DELICIAS	28-09-25.00	105-27-12.00	XHCHD	146.00	1,302.25	DA	1037	
33	A6, D40	CH	CIUDAD DELICIAS	28-10-48.30	105-28-31.50	XHDEH	20.00	1,220.00	DA	1038	
24	A10	CH	CIUDAD JIMENEZ	27-08-32.70	104-54-00.40	XHJCH	1.30	1,402.00	DA	1039	
33	A8	CH	CIUDAD JIMENEZ	27-07-46.01	104-54-53.00	XHBU	11.00	1,422.00	DA	1040	
28	D27	CH	CIUDAD JUAREZ	31-42-35.00	106-29-38.00	LICITACION	450.00	1,388.00	ND		
29	A2	CH	CIUDAD JUAREZ	31-42-35.22	106-29-38.00	XEPM	200.00	1,385.00	DA	1041	
30(**)	A32, D41	CH	CIUDAD JUAREZ	31-42-35.22	106-29-38.00	XHJCI	200.00	1,385.00	DA	1042	
31	D43	CH	CIUDAD JUAREZ	31-42-35.00	106-29-38.00	CADENA TRES	300.00	1,388.00	DA	1043	
32	A44, D45	CH	CIUDAD JUAREZ	31-42-15.99	106-29-55.00	XHIJ	86.90	1,396.00	DA	1044	
33	A56	CH	CIUDAD JUAREZ	31-42-35.22	106-29-38.00	XHJUB	200.00	1,383.00	DA	1045	
34	A11	CH	CIUDAD JUAREZ	31-40-14.20	106-31-06.50	XHCJE	147.00	1,752.53	DA	1141	
35(**)	A5, D50	CH	CIUDAD JUAREZ	31-40-18.00	106-31-08.00	XEJ	10.00	1,712.00	DA	1047	
36	A20	CH	CIUDAD JUAREZ	31-40-14.20	106-31-06.50	XHCJH	146.00	1,752.53	DA	2141	
23		CH	CIUDAD MADERA	29-11-33.99	108-08-45.00	CADENA TRES	1,000.00	2,225.00	ND		
25		CH	CIUDAD MADERA	29-11-33.99	108-08-45.00	LICITACION	50.00	2,225.00	ND		
29	A7	CH	CIUDAD MADERA	29-11-33.99	108-08-45.00	XHMAC	14.00	2,156.00	DA	1049	
24	A8	CH	NUEVO CASAS GRANDES	30-24-17.90	107-54-16.91	XHCGC	9.63	1,488.00	DA	1050	
27	A6	CH	NUEVO CASAS GRANDES	30-23-59.00	107-54-10.99	XHNCG	34.00	1,500.00	DA	1051	
33	D47	CH	NUEVO CASAS GRANDES	30-23-59.00	107-54-10.99	LICITACION	50.00	1,497.00	ND		
34	D46	CH	NUEVO CASAS GRANDES	30-23-59.00	107-54-10.99	CADENA TRES	50.00	1,497.00	ND		
Floating	P28	CH	NUEVO CASAS GRANDES	30-23-59.00	107-54-10.99	LICITACION	50.00	1,497.00	ND		Mex 2016 auction
Floating	P34	CH	NUEVO CASAS GRANDES	30-23-59.00	107-54-10.99	LICITACION	50.00	1,497.00	ND		Mex 2016 auction
Floating	P36	CH	NUEVO CASAS GRANDES	30-24-48.00	107-54-45.00	LICITACION	50.00	1,508.00	ND		Mex 2016 auction

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15	A15, D36	CH	OJINAGA	29-33-29.00	104-25-12.00	XHOCH	23.00	820.00	DA	1142	
16	A6, D31	CH	OJINAGA	29-33-14.32	104-25-15.82	XHHR	2.51	825.00	DA	1053	
21		CH	OJINAGA	29-33-29.00	104-25-12.00	CADENA TRES	100.00	825.00	ND		
23		CH	OJINAGA	29-33-29.00	104-25-12.00	LICITACION	1,000.00	825.00	ND		
21	A3	CH	RIVA PALACIO	28-32-45.00	106-30-06.00	XHRPC	1.00	1,805.00	ND		
21	A21	CH	SAN BUENAVENTURA	29-50-35.01	107-28-02.00	CADENA TRES	70.00	1,588.00	ND		
31		CH	SAN BUENAVENTURA	29-50-35.01	107-28-02.00	LICITACION	70.00	1,588.00	ND		
35	A7	CH	SAN BUENAVENTURA	29-50-35.01	107-28-02.00	XHBVT	25.00	1,591.00	DA	1054	
14		CI	CIUDAD ACUNA	29-17-41.00	100-54-05.00	CADENA TRES	150.00	389.00	ND		
15		CI	CIUDAD ACUNA	29-17-41.00	100-54-05.00	LICITACION	150.00	389.00	ND		
25	A7	CI	CIUDAD ACUNA	29-19-08.40	100-56-21.90	XHHE	4.21	324.00	DA	1055	
27(**)	A64, D43	CI	CIUDAD ACUNA	29-17-41.00	100-54-04.00	XHCHW	50.00	376.00	DA	1056	
34	A34, D13	CI	CIUDAD ACUNA	29-17-41.00	100-54-04.00	XHAMC	50.00	376.00	DA	2056	
36	A58	CI	CIUDAD ACUNA	29-18-09.70	100-55-30.90	XHCAW	20.90	356.00	DA	1131	
Floating	P21	CI	CIUDAD ACUNA	29-19-27.00	100-55-54.00	LICITACION	20.00	321.00	ND		Mex 2016 auction
35	A48	CI	CIUDAD ALLENDE	28-20-48.00	100-50-55.69	XHWDT	40.00	418.00	DA	1058	
24	A9	CI	MONCLOVA	26-51-00.00	101-24-38.20	XHHC	11.70	877.00	DA	1059	
27	A11	CI	MONCLOVA	26-51-00.00	101-24-38.20	XHMLA	11.70	877.00	DA	1060	
29	A29, D42	CI	MONCLOVA	26-54-41.00	101-26-13.00	XHMLC	50.00	667.00	DA	1143	
32		CI	MONCLOVA	26-54-41.00	101-26-13.00	CADENA TRES	70.00	675.00	ND		
33	D40	CI	MONCLOVA	26-54-41.00	101-26-13.00	LICITACION	1,000.00	675.00	ND		
35(**)	A35, D48	CI	MONCLOVA	26-54-41.00	101-26-13.00	XHMOT	50.00	667.00	DA	2143	
36	A7	CI	MONCLOVA	26-51-43.00	101-25-11.00	XHMAP	1.00	776.00	ND		
Floating	P21	CI	MONCLOVA	26-54-03.00	101-24-59.99	LICITACION	20.00	638.00	ND		Mex 2016 auction
Floating	P33	CI	MONCLOVA	26-54-41.00	101-26-13.00	LICITACION	1,000.00	675.00	ND		Mex 2016 auction
20	D50	CI	NUEVA ROSITA	27-57-21.00	101-12-05.00	CADENA TRES	50.00	444.00	ND		
23	A23, D48	CI	NUEVA ROSITA	27-57-21.00	101-12-05.00	XHRDC	42.00	437.00	DA	1144	
29	A29, D41	CI	NUEVA ROSITA	27-57-21.00	101-12-05.00	XHNOH	42.00	437.00	DA	2144	
36		CI	NUEVA ROSITA	27-57-21.00	101-12-05.00	LICITACION	50.00	444.00	ND		
20(**)	A46, D43	CI	PIEDRAS NEGRAS	28-41-14.00	100-32-58.50	XHPN	43.00	375.00	DA	1065	
30(**)	A52, D44	CI	PIEDRAS NEGRAS	28-41-14.00	100-32-58.50	XHPNT	43.00	375.00	DA	2065	
31(**)	A3, D38	CI	PIEDRAS NEGRAS	28-41-14.00	100-32-58.50	XHPNH	43.00	375.00	DA	3065	
32	A6	CI	PIEDRAS NEGRAS	28-41-10.01	100-33-01.00	XHPNG	16.30	340.00	DA	1066	
33(**)	A22, D39	CI	PIEDRAS NEGRAS	28-42-46.00	100-32-49.50	XHPNW	15.00	333.00	DA	1133	
Floating	P20	CI	PIEDRAS NEGRAS	28-41-14.00	100-32-58.50	LICITACION	50.00	375.00	ND		Mex 2016 auction
Floating	P23	CI	PIEDRAS NEGRAS	28-41-14.00	100-32-58.50	LICITACION	43.00	375.00	ND		Mex 2016 auction
Floating	P26	CI	PIEDRAS NEGRAS	28-42-00.01	100-31-23.00	LICITACION	20.00	258.00	ND		Mex 2016 auction

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Floating	P30	CI	PIEDRAS NEGRAS	28-41-14.00	100-32-58.50	LICITACION	43.00	375.00	ND		Mex 2016 auction
21	A5, D43	CI	SABINAS	27-52-50.00	101-08-21.00	XHSDD	125.00	390.00	ND		
26	A4	CI	SABINAS	27-50-27.81	101-07-50.50	XHCJ	9.98	422.00	DA	1067	
34(**)	A13 (Nueva Rosita), D42	CI	SABINAS	27-50-27.81	101-07-50.50	XHSBC	9.04	430.00	DA	1068	
Floating	P33	CI	SABINAS	27-50-54.00	101-07-12.00	LICITACION	20.00	365.00	ND		Mex 2016 auction
20	A25	CI	SALTILLO	25-24-40.54	101-00-17.85	XHSTC	45.00	1,786.00	DA	1069	
21(**)	A13, D31	CI	SALTILLO	25-21-45.99	100-59-08.00	XHSCE	50.00	1,918.60	ND		
24	A5	CI	SALTILLO	25-24-40.54	101-00-17.85	XHAE	45.00	1,786.00	DA	1070	
26		CI	SALTILLO	25-24-41.00	101-00-18.00	CADENA TRES	100.00	1,790.00	ND		
30	A7	CI	SALTILLO	25-26-37.00	100-59-22.00	XHRCG	15.00	1,593.00	ND		
33	A44	CI	SALTILLO	25-24-42.10	101-00-08.10	XHLLO	8.74	1,719.00	DA	1071	
36	D50	CI	SALTILLO	25-24-41.00	101-00-18.00	LICITACION	100.00	1,790.00	ND		
Floating	P17	CI	SALTILLO	25-24-41.00	101-00-18.00	LICITACION	50.00	1,780.00	ND		Mex 2016 auction
Floating	P21	CI	SALTILLO	25-24-41.00	101-00-18.00	LICITACION	1000.00	1,790.00	ND		Mex 2016 auction
Floating	P27	CL	SALTILLO	25-26-00.00	101-00-00.00	LICITACION	20.00	1,597.00	ND		Mex 2016 auction
20*	D16	NL	AGUALEGUAS	26-18-40.00	99-32-18.00	LICITACION	20.00	209.00	ND		
27	A27	NL	AGUALEGUAS	26-18-40.00	99-32-18.00	XHAGL	1.00	210.00	ND		
35	D15	NL	AGUALEGUAS	26-18-40.00	99-32-18.00	CADENA TRES	100.00	209.00	ND		
22	A55	NL	ANAHUAC	27-14-29.99	100-07-58.00	XHNAN	0.50	241.00	DA	1135	
21	A38	NL	ARAMBERRI	24-06-01.00	99-48-56.00	XHNAR	0.50	1,125.00	DA	2135	
27	A27	NL	CERRALVO - MELCHOR OCAMPO	26-05-24.00	99-36-52.00	XHCMP	0.50	310.00	ND		
27	A27	NL	DR. COSS	25-55-32.01	99-10-59.00	XHDRC	1.00	147.50	ND		
27	A27	NL	GENERAL BRAVO-GENERAL TAPIA	25-47-36.00	99-10-52.00	XHGBT	0.20	158.00	ND		
27	A27	NL	GENERAL TREVINO	26-13-36.00	99-28-55.01	XHGTR	1.00	190.00	ND		
27	A27	NL	HIGUERAS	25-57-45.00	100-01-00.00	XHHGR	1.00	528.00	ND		
14	A13	NL	ITURBIDE	24-43-26.99	99-54-03.00	XHTUB	1.00	1,481.50	ND		
23	A28	NL	LA CHONA - ARAMBERRI	24-19-42.50	99-54-49.20	XHLCH	20.00	2,016.00	ND		
27	A27	NL	LAMPAZOS	27-01-29.00	100-30-25.00	XHZOS	1.00	351.75	ND		
18	D27	NL	LINARES	24-50-29.00	99-33-12.00	LICITACION	100.00	479.00	ND		
20	D21	NL	LINARES	24-50-29.00	99-33-12.00	CADENA TRES	100.00	479.00	ND		
33	A32	NL	LINARES	24-51-33.00	99-34-04.00	XHNLI	0.50	394.00	DA	3135	
27	A27	NL	LOS ALDAMAS-ESTACION	26-03-35.00	99-11-52.00	XHAEA	1.00	145.00	ND		
27	A27	NL	LOS HERRERA	25-54-22.00	99-24-18.00	XHHRH	1.00	196.50	ND		

Final Digital Channel	Potential Analog & Digital Deletion	State	City	Latitude (NAD83)	Longitude (NAD83)	Call Sign	ERP (kW)	RCAMSL (m)	Antenna	Antenna ID	Comments
27	A27	NL	LOS RAMONES	25-41-40.00	99-37-35.00	XHLRN	1.00	240.00	ND		
15(**)	A2, D45	NL	MONTERREY	25-37-57.00	100-14-05.00	XEFB	200.00	1,841.00	DA	1072	
16(**)	A47, D51	NL	MONTERREY	25-37-31.99	100-19-02.67	XHOPMT	35.50	1,175.00	DA	1073	
17 (**)	A7, D43	NL	MONTERREY	25-37-29.31	100-19-13.40	XHFN	90.70	1,208.00	DA	1074	
19(**)	A4, D39	NL	MONTERREY	25-37-29.31	100-19-13.40	XHWX	91.10	1,208.00	DA	2074	
21		NL	MONTERREY	25-37-32.92	100-19-06.93	XHSAW	52.50	1,192.00	DA	1146	This is a complementary station that will take full protection
22	D46	NL	MONTERREY	25-37-52.00	100-14-03.99	CADENA TRES	300.00	1,668.63	ND		
23	A10	NL	MONTERREY	25-37-57.00	100-14-05.00	XHX	200.00	1,850.00	DA	1076	
25	A12	NL	MONTERREY	25-37-32.92	100-19-06.93	XHAW	120.00	1,220.00	DA	1077	
28	A28, D41	NL	MONTERREY	25-37-33.00	100-19-15.00	XHMNL	139.54	1,117.00	ND		
29		NL	MONTERREY	25-37-52.00	100-14-03.99	LICITACION	300.00	1,668.63	ND		
31	A6	NL	MONTERREY	25-37-57.00	100-14-05.00	XET	200.00	1,850.00	DA	1078	
32(**)	A22, D44	NL	MONTERREY	25-37-57.00	100-14-05.00	XHMOY	200.00	1,839.00	DA	1145	
34	A34 (Cadereyta-Monterrey), D48	NL	MONTERREY	25-37-57.00	100-14-05.00	XHCNL	200.00	1,850.00	DA	1080	
35	A53	NL	MONTERREY	25-43-31.52	100-18-36.98	XHMNU	40.00	578.00	DA	1081	
Floating	P14	NL	MONTERREY	25-37-52.00	100-14-04.00	NUEVO-TDT	22.5	1668.63	ND		Accepted on high VHF. Power modified to match proposed contour. New Mexican proposal ref.: ift/222/uer/dg-ieet/740/2015, dated 2 July 2015.
27	A27	NL	PARAS	26-30-00.00	99-31-26.00	XHPRS	1.00	179.00	ND		
28	A28	NL	RAYONES	25-01-00.00	100-04-26.00	XHRNS	1.00	905.00	ND		
21	A64	NL	SABINAS HIDALGO	26-28-57.56	100-11-27.63	XHSAW	6.67	403.00	DA	1082	
24	D46	NL	SABINAS HIDALGO	26-30-35.00	100-10-40.00	XHNSA	1.00	351.00	ND		
30		NL	SABINAS HIDALGO	26-30-07.00	100-10-45.00	LICITACION	150.00	400.00	ND		
36	D32	NL	SABINAS HIDALGO	26-30-07.00	100-10-45.00	CADENA TRES	150.00	400.00	ND		
27	A27	NL	VALLECILLO	26-39-32.00	99-59-20.00	XHCLL	1.00	304.75	ND		
27	A27	NL	VILLALDAMA - BUSTAMANTE	26-30-01.00	100-25-31.00	XHVDB	1.00	465.50	ND		
14	A28	NL	ZARAGOZA	23-58-07.00	99-46-14.00	XHZRZ	0.20	1,410.00	ND		
14	A7	SO	ADIVINO	28-58-00.00	110-03-00.00	XHADO	1.00	591.75	ND		
4	A4	SO	AGUA PRIETA	31-19-13.60	109-31-01.80	XHCAN	2.00	1,270.00	ND		
15		SO	AGUA PRIETA	31-19-57.00	109-31-10.00	LICITACION	50.00	1,290.00	ND		
17	A17, D39	SO	AGUA PRIETA	31-19-57.07	109-31-10.08	XHAPT	25.00	1,285.00	DA	1083	

Final Digital Channel	Potential Analog & Digital Deletion	State	City	Latitude (NAD83)	Longitude (NAD83)	Call Sign	ERP (kW)	RCAMSL (m)	Antenna	Antenna ID	Comments
22	A12	SO	AGUA PRIETA	31-18-42.60	109-32-04.70	XHAPS	2.50	1,248.00	DA	1136	
26	D18	SO	AGUA PRIETA	31-19-57.00	109-31-10.00	CADENA TRES	100.00	1,290.00	ND		
22	A11	SO	ARIVECHI	28-55-37.01	109-11-20.00	XHACH	1.00	514.75	ND		
14	A12	SO	ARIZPE	30-20-12.00	110-09-58.00	XHAZP	1.00	858.25	ND		
14	A4	SO	ATIL	30-50-51.00	111-34-36.00	XHALS	1.00	595.75	ND		
14	A11	SO	BACADEHUACHI	29-48-37.00	109-08-38.00	XHBNI	1.00	713.00	ND		
14	A13	SO	BACANORA	28-59-00.00	109-24-00.00	XHBCA	1.00	485.00	ND		
16	A16	SO	BACERAC	30-21-24.00	108-55-38.99	XHBAC	1.00	1,032.00	ND		
14	A7	SO	BACOACHI	30-37-00.00	109-58-00.00	XHBCI	1.00	1,043.25	ND		
30	A12	SO	BANAMICHI	30-00-25.00	110-13-03.00	XHBAS	1.00	686.25	ND		
14	A5	SO	BAVIACORA	29-42-54.00	110-09-56.00	XHBVA	1.00	575.75	ND		
14	A11	SO	BAVISPE	30-28-38.00	108-56-34.00	XHBVE	1.00	1,027.50	ND		
14	A7	SO	BENJAMIN HILL	30-10-07.99	111-07-03.00	XHBNI	1.00	732.00	ND		
17(**)	A63, D47	SO	CABORCA	30-43-38.00	112-09-15.00	XHCBO	37.00	357.00	DA	1084	
32	D39	SO	CABORCA	30-43-38.00	112-09-15.00	CADENA TRES	150.00	415.00	ND		
34		SO	CABORCA	30-43-38.00	112-09-15.00	LICITACION	1,000.00	415.00	ND		
35	A8	SO	CABORCA	30-43-38.00	112-09-15.00	XHSV	37.00	357.00	DA	206	
36	A12	SO	CABORCA	30-43-38.00	112-09-18.00	XHCAS	2.50	355.00	DA	1137	
16(**)	A5, D43	SO	CANANEA	30-58-40.00	110-18-32.00	XHCCS	2.50	1,665.00	DA	1138	
25	A4	SO	CANANEA	30-58-36.50	110-18-17.80	XHCAN	5.11	1,664.50	DA	1086	
34(**)	A56, D45	SO	CANANEA	30-58-37.80	110-18-22.50	XHCNS	32.00	1,686.00	DA	1087	
15	A12	SO	CARBO	29-41-05.00	110-57-39.01	XHCRO	1.00	485.00	ND		
14	A13	SO	CUCURPE	30-19-51.00	110-42-19.00	XHRPS	1.00	876.25	ND		
34	A13	SO	CUMPAS	29-59-53.00	109-46-30.00	XHCPS	1.00	773.75	ND		
16	A3	SO	DIVISADERO	29-36-53.00	109-28-13.00	XHDVS	1.00	695.00	ND		
19	A6	SO	FRONTERAS	30-53-40.00	109-34-06.00	XHFAS	1.00	1,155.50	ND		
28	A4	SO	GRANADOS	29-51-28.00	109-18-35.00	XHGDS	1.00	544.25	ND		
8	A8, D42	SO	HERMOSILLO	29-03-41.00	110-56-32.00	XHUS	70.00	498.00	ND		
19	A6, D40	SO	HERMOSILLO	29-03-41.00	110-56-32.00	XEWH	70.00	488.00	ND		
23	A23, D44	SO	HERMOSILLO	29-04-22.50	110-57-02.51	XHHES	100.00	392.00	DA	1088	
24	A10	SO	HERMOSILLO	29-04-22.00	110-56-58.80	XHHO	39.40	356.00	DA	1089	
26		SO	HERMOSILLO	29-04-22.00	110-56-59.00	LICITACION	300.00	368.00	ND		
27	A35, D48	SO	HERMOSILLO	29-03-41.00	110-56-33.79	XHOPHA	43.80	539.00	DA	1090	
28	D51	SO	HERMOSILLO	29-04-22.00	110-56-59.00	CADENA TRES	300.00	368.00	ND		
29	A29, D46	SO	HERMOSILLO	29-04-22.50	110-57-02.51	XHHMS	100.00	392.00	DA	1091	
30	A4	SO	HERMOSILLO	29-04-22.00	110-56-58.80	XHHSS	39.00	356.00	DA	1092	
31	A2, D48	SO	HERMOSILLO	29-04-22.50	110-57-02.51	XHHMA	150.00	392.00	ND		

Final Digital Channel	Potential Analog & Digital Deletion	State	City	Latitude (NAD83)	Longitude (NAD83)	Call Sign	ERP (kW)	RCAMSL (m)	Antenna	Antenna ID	Comments
33	A12, D49	SO	HERMOSILLO	29-04-22.50	110-57-02.51	XHAK	150.00	392.00	DA	1093	
14	A7	SO	HUACHINERAS	30-12-30.00	108-57-38.00	XHHCH	1.00	1,130.92	ND		
18	A9	SO	HUASABAS	29-54-40.00	109-18-04.00	XHHAS	1.00	563.00	ND		
19	A13	SO	IMURIS	30-47-36.00	110-50-47.00	XHIMS	1.00	876.00	ND		
14	A4	SO	MAGDALENA DE KINO	30-47-36.00	110-50-47.00	XHMDS	1.00	885.00	ND		
21	A20	SO	MAGDALENA DE KINO	30-37-59.30	110-58-37.50	XHMST	24.00	792.00	DA	1094	
34	A7	SO	MAZATAN	29-00-00.00	110-08-00.00	XHMZN	1.00	555.00	ND		
31	A3	SO	MOCTEZUMA	29-48-24.00	109-40-43.00	XHMOS	1.00	645.00	ND		
33	A7	SO	NACO	31-19-38.00	109-56-55.00	XHNAC	1.00	1,434.00	ND		
14	A6	SO	NACORI CHICO	29-41-13.00	108-59-03.99	XHNCO	1.00	857.50	ND		
14	A5	SO	NACORI GRANDE	29-05-00.01	110-05-00.01	XHNGE	1.00	618.47	ND		
22	A6	SO	NACUZARI	30-22-41.00	109-41-42.00	XHNCZ	1.00	1,172.02	DA	1095	
23		SO	NACUZARI	30-22-41.00	109-41-42.00	CADENA TRES	30.00	1,172.02	ND		
26		SO	NACUZARI	30-22-41.00	109-41-42.00	LICITACION	30.00	1,172.02	ND		
15	A2	SO	NOGALES	31-18-06.49	110-56-27.60	XHFA	77.30	1,275.00	DA	1096	
17(**)	A50, D41	SO	NOGALES	31-19-39.00	110-57-08.00	XHNOS	35.00	1,284.00	DA	1097	
24	A22	SO	NOGALES	31-18-06.49	110-56-27.60	XHNOA	76.80	1,275.00	DA	1098	
26(**)	A38, D49	SO	NOGALES	31-19-39.00	110-57-08.00	XHNON	35.00	1,284.00	DA	2097	
31	A7	SO	NOGALES	31-17-20.71	110-59-32.20	XHNSS	42.50	1,602.50	DA	1100	
15	A10	SO	OQUITOA	30-44-00.00	111-45-00.00	XHOQT	1.00	480.00	ND		
21	A7	SO	PUERTO PENASCO	31-19-31.60	113-31-31.90	XHPPS	1.82	36.50	DA	1101	
22	A2	SO	PUERTO PENASCO	31-18-07.00	113-32-42.00	XHPDT	32.00	100.00	DA	1102	
23		SO	PUERTO PENASCO	31-18-07.00	113-32-42.00	LICITACION	150.00	45.00	ND		
25		SO	PUERTO PENASCO	31-18-07.00	113-32-42.00	CADENA TRES	150.00	45.00	ND		
33(**)	A6, D48	SO	PUERTO PENASCO	31-18-19.00	113-32-25.00	XHPES	2.50	44.00	DA	1103	
16	A13	SO	QUEROBABI	30-03-03.01	111-01-48.00	XHQBI	1.00	669.76	ND		
15	A11	SO	RAYON	29-42-26.00	110-34-04.00	XHRON	1.00	631.00	ND		
20	A4	SO	SAHUARIPA	29-03-22.00	109-14-03.00	XHSPA	1.00	447.50	ND		
18	A6	SO	SAN FELIPE DE JESUS	29-51-30.00	110-14-36.00	XHSFS	1.00	672.25	ND		
32	A44, D22	SO	SAN LUIS RIO COLORADO	32-28-20.00	114-46-57.00	XHLRT	55.00	124.00	DA	1105	
30	A50	SO	SAN LUIS RIO COLORADO	32-28-25.00	114-47-03.00	XHRCS	10.20	81.00	DA	1104	
Floating	P33	SO	SAN LUIS RIO COLORADO	32-28-20.00	114-46-57.00	LICITACION	55.00	124.00	ND		Mexico 2016 auction
14	A9	SO	SAN PEDRO DE LA CUEVA	29-17-18.01	109-44-37.00	XHSPE	1.00	392.25	ND		
15	A12, D33	SO	SANTA ANA	30-32-38.00	111-07-16.00	XHSAS	1.00	705.00	ND		
14	A13	SO	SANTA CRUZ	31-14-15.01	110-35-47.00	XHSCZ	1.00	1,378.75	ND		
14	A7	SO	SARIC	31-06-12.00	111-22-57.99	XHSIC	1.00	798.50	ND		

Final Digital Channel	Potential Analog & Digital Deletion	State	City	Latitude (NAD83)	Longitude (NAD83)	Call Sign	ERP (kW)	RCAMSL (m)	Antenna	Antenna ID	Comments
14	A12	SO	SASABE	31-28-12.00	111-32-51.00	XHSSE	1.00	1,093.23	ND		
17	A12	SO	SINOQUIPE	30-09-24.00	110-14-45.00	XHSQP	1.00	757.50	ND		
14	A12	SO	SONOITA	31-51-21.00	112-51-31.00	XHSYT	1.00	427.42	ND		
14	A7	SO	TEPACHE	29-31-43.00	109-31-46.00	XHTCE	1.00	614.00	ND		
14	A7	SO	URES	29-25-42.00	110-22-36.00	XHUES	2.00	402.00	ND		
14	A10	SO	VILLA HIDALGO	30-10-02.00	109-19-24.01	XHVHO	1.00	657.00	ND		
31	A9	SO	VILLA PESQUEIRA	29-06-59.99	109-58-00.00	XHVPA	1.00	750.00	ND		
20	D41	TA	CIUDAD VICTORIA	23-43-06.00	99-08-35.00	CADENA TRES	1,000.00	442.00	ND		
24	A3	TA	CIUDAD VICTORIA	23-43-03.70	99-08-48.50	XHCVT	17.10	425.00	DA	1106	
25(**)	A7, D50	TA	CIUDAD VICTORIA	23-43-09.72	99-08-46.23	XHVTV	20.00	379.00	DA	1107	
26	A26, D40	TA	CIUDAD VICTORIA	23-43-06.15	99-08-34.73	XHCVI	80.00	407.00	DA	1108	
29	A9	TA	CIUDAD VICTORIA	23-43-03.70	99-08-48.50	XHCDT	16.90	425.00	DA	1109	
31	A11	TA	CIUDAD VICTORIA	23-43-06.15	99-08-34.73	XHTK	80.00	407.00	DA	1110	
33	D42	TA	CIUDAD VICTORIA	23-43-06.00	99-08-35.00	LICITACION	1,000.00	442.00	ND		
36	A13	TA	CIUDAD VICTORIA	23-43-06.15	99-08-34.73	XHUT	80.00	407.00	DA	2110	
Floating	P17	TA	CIUDAD VICTORIA	23-43-06.00	99-08-35.00	LICITACION	1,000.00	442.00	ND		Mexico 2016 auction
Floating	P25	TA	CIUDAD VICTORIA	23-43-09.72	99-08-46.23	LICITACION	20.00	389.00	ND		Mexico 2016 auction
Floating	P35	TA	CIUDAD VICTORIA	23-44-10.00	99-08-46.00	LICITACION	20.00	362.00	ND		Mexico 2016 auction
Floating	P19	TA	CIUDAD VICTORIA	23-43-06.00	99-08-35.00	LICITACION	1,000.00	442.00	ND		Mexico 2016 auction
15(**)	A54 (Matamoros), D51	TA	EL CONTROL	25-56-33.00	97-54-24.99	XHVTV	78.50	222.00	DA	1112	
30	A4	TA	LA ROSITA VILLAGRAN	24-29-05.00	99-29-35.01	XHLUT	35.00	580.00	DA	1113	
12	A11	TA	MATAMOROS	25-52-19.40	97-30-10.90	XHMMA	75.10	52.00	DA	1114	
26	A2	TA	MATAMOROS	25-56-28.00	97-50-49.00	XHRIO	250.00	293.10	DA	1115	
30	A7	TA	MATAMOROS	25-56-36.00	97-50-57.00	XHAB	300.00	290.00	DA	1116	
33	A14	TA	MATAMOROS	25-52-19.40	97-30-10.90	XHOR	117.00	69.00	DA	1117	
17	A2	TA	NUEVO LAREDO	27-27-25.00	99-31-18.00	XEFE	100.00	205.00	DA	1118	
23(**)	A21, D50	TA	NUEVO LAREDO	27-26-45.30	99-30-27.30	XHLNA	119.00	188.00	DA	1119	
25	A11	TA	NUEVO LAREDO	27-26-41.50	99-30-30.20	XHBR	200.00	226.00	DA	1120	
29(**)	A57, D38	TA	NUEVO LAREDO	27-26-41.50	99-30-30.20	XHLAR	200.00	226.00	DA	1121	
32	A45	TA	NUEVO LAREDO	27-29-13.30	99-30-06.90	XHNAT	54.30	197.00	DA	1122	
33(**)	A33, D51	TA	NUEVO LAREDO	27-26-45.30	99-30-27.30	XHLAT	119.00	188.00	DA	1123	
34		TA	NUEVO LAREDO	27-26-42.00	99-30-30.00	LICITACION	200.00	200.00	ND		
35	D49	TA	NUEVO LAREDO	27-26-42.00	99-30-30.00	CADENA TRES	300.00	200.00	ND		
Floating	P16	TA	NUEVO LAREDO	27-26-45.30	99-30-27.30	LICITACION	119.00	188.00	ND		Mexico 2016 auction

Final Digital Channel	Potential Analog & Digital Deletion	State	City	Latitude (NAD83)	Longitude (NAD83)	Call Sign	ERP (kW)	RCAMSL (m)	Antenna	Antenna ID	Comments
Floating	P23	TA	NUEVO LAREDO	27-29-11.00	99-30-29.00	LICITACION	150.00	200.00	ND		Mexico 2016 auction
Floating	P24	TA	NUEVO LAREDO	27-29-11.00	99-30-29.00	LICITACION	150.00	200.00	ND		Mexico 2016 auction
19	A9	TA	REYNOSA	25-56-36.00	97-50-57.00	XERV	300.00	290.00	DA	1124	
22	D18	TA	REYNOSA	25-56-36.00	97-50-57.00	CADENA TRES	300.00	290.00	ND		
36	A12	TA	REYNOSA	26-05-07.30	98-16-37.00	XHREY	61.20	148.00	DA	1125	
31*	D16	TA	REYNOSA / MATAMOROS	25-56-36.00	97-50-57.00	LICITACION	300.00	290.00	ND		IFT requests an alternate channel for this allotment. FCC Response. Channel changed from 32* to 31*.
29(**)	D41	TA	RIO BRAVO	25-53-35.00	97-50-33.00	XHRBA	200.00	120.00	ND		
21	A3	TA	SAN FERNANDO	24-51-28.90	98-09-01.80	XHFET	0.90	91.00	DA	1126	
25(**)	A25, D39	TA	SAN FERNANDO	24-51-32.00	98-09-00.00	XHSFT	15.00	109.00	DA	1127	
27*	D22	TA	SAN FERNANDO	24-51-29.00	98-09-02.00	LICITACION	100.00	93.00	ND		
35	D20	TA	SAN FERNANDO	24-51-29.00	98-09-02.00	CADENA TRES	100.00	93.00	ND		
28	A17(Reynosa)	TA	SANTA ROSA	25-56-36.00	97-50-57.00	XHTAM	265.00	290.00	DA	1128	
23		TA	SOTO LA MARINA	23-45-56.00	98-12-30.01	LICITACION	100.00	117.00	ND		
28	A3	TA	SOTO LA MARINA	23-45-55.90	98-12-30.01	XHHP	5.09	33.00	DA	1129	
32	A10	TA	SOTO LA MARINA	23-46-19.00	98-12-19.00	XHSZT	20.00	66.00	DA	1130	
34		TA	SOTO LA MARINA	23-45-56.00	98-12-30.01	CADENA TRES	1,000.00	117.00	ND		

ERP: Effective Radiated Power; RCAMSL: Radiation Center Above Mean Sea Level

A: Analog Channel; D: Digital Channel; P: Channel indicated in the proposals sent to the FCC by IFT

“Floating”: This indicates that the channel will be assigned after the Commission’s Incentive Auction

“(*)”: Stations designated on these channels are subject to delayed operation in order to protect existing television operation(s). In addition, the allotments are subject to additional reconfiguration to an alternate channel depending on the results of the Commission’s Incentive Auction process.

“(**)”: This indicates channels that are acceptable by IFT, but the occupation of the channel is subjected to the process and time required to modified the previously IFT authorized channel

Table 6: Pre-Incentive Auction US Post-Transition DTV Allotment Plan

Call Sign	City	State	Latitude (NAD83)	Longitude (NAD83)	RCAMSL (m)	DA	Antenna ID	Antenna Rotation (°)
K04QP-D	CASAS ADOBES	AZ	321253.3	1110022.3	937	ND		
KFTU-DT	DOUGLAS	AZ	312855.4	1095734.3	2207.5	DA	90566	90
KUVE-DT	GREEN VALLEY	AZ	322454.3	1104258.3	2659	DA	109722	220
KMOH-TV	KINGMAN	AZ	350157.0	1142158.8	1364.5	DA	73125	342
KLHU-CD	LAKE HAVASU CITY	AZ	343608.9	1142215.7	402.4	DA	20753	170
KPNX	MESA	AZ	332000.2	1120350.5	912.6	ND		
KAET	PHOENIX	AZ	332000.2	1120351.5	912	ND		
KSAZ-TV	PHOENIX	AZ	332003.2	1120345.5	915	DA	97300	0
KNXV-TV	PHOENIX	AZ	332000.2	1120348.5	879.6	ND		
KPHO-TV	PHOENIX	AZ	332002.2	1120342.5	875	DA	67336	0
KPAZ-TV	PHOENIX	AZ	332002.7	1120344.5	844	ND		
KTVK	PHOENIX	AZ	332001.2	1120347.5	867	DA	43557	0
KUTP	PHOENIX	AZ	332003.4	1120343.2	897.2	DA	113722	0
KTVW-DT	PHOENIX	AZ	332000.2	1120348.5	878.6	DA	87270	0
KFPH-CD	PHOENIX	AZ	332000.2	1120348.5	859.6	DA	24175	15
KAZT-CD	PHOENIX	AZ	332002.0	1120343.0	853.6	DA	24175	0
KTAZ	PHOENIX	AZ	332003.2	1120340.5	899.5	DA	88484	0
KPDF-CA	PHOENIX	AZ	332000.1	1120347.4	829.71	DA	95672	30
KASW	PHOENIX	AZ	332002.2	1120346.5	863	DA	43560	0
KWBA-TV	SIERRA VISTA	AZ	314532.3	1104805.3	1827.1	DA	65401	0
KPPX-TV	TOLLESON	AZ	332003.2	1120340.5	902	ND		
KGUN-TV	TUCSON	AZ	322455.6	1104253.1	2670	DA	119536	0
KFTU-CD	TUCSON	AZ	322454.3	1104258.3	2652.2	DA	102464	0
KTTU	TUCSON	AZ	322456.3	1104252.3	2659	DA	59934	0
KVOA	TUCSON	AZ	322456.3	1104252.3	2659	DA	68106	0

Call Sign	City	State	Latitude (NAD83)	Longitude (NAD83)	RCAMSL (m)	DA	Antenna ID	Antenna Rotation (°)
KMSB	TUCSON	AZ	322456.3	1104252.3	2659	DA	64314	0
KUAS-TV	TUCSON	AZ	321253.3	1110023.3	953.6	DA	42999	0
KUAT-TV	TUCSON	AZ	322455.3	1104253.3	2651.1	DA	67609	0
KOLD-TV	TUCSON	AZ	322456.3	1104252.3	2659	DA	43979	0
KHRR	TUCSON	AZ	321455.3	1110659.3	1383.2	DA	85448	0
KUVE-CD	TUCSON	AZ	321456.0	1110701.0	1361.9	DA	93775	0
KYMA-DT	YUMA	AZ	330310.1	1144942.9	772.7	ND		
KSWT	YUMA	AZ	330318.1	1144941.9	763.7	DA	108296	0
KDOC-TV	ANAHEIM	CA	341335.0	1180401.2	1838	DA	42876	0
KAZA-TV	AVALON	CA	341337.0	1180400.2	1828.1	DA	66764	0
KILM	BARSTOW	CA	343633.9	1171714.1	1514	DA	1000507	0
KILM	BARSTOW	CA	341247.8	1180044.2	1685	DA	See footnote (1)	0

Call Sign	City	State	Latitude (NAD83)	Longitude (NAD83)	RCAMSL (m)	DA	Antenna ID	Antenna Rotation (°)
KSCI	LONG BEACH	CA	341247.8	1180344.2	1704	DA	117462	0
KABC-TV	LOS ANGELES	CA	341337.0	1180401.2	1876.5	DA	101157	0
KCAL-TV	LOS ANGELES	CA	341338.0	1180403.2	1870	DA	86887	0
KTTV	LOS ANGELES	CA	341329.0	1180351.2	1782.9	DA	99538	0
KCOP-TV	LOS ANGELES	CA	341329.0	1180351.2	1785	DA	87033	0
KSFV-CD	LOS ANGELES	CA	341354.9	1180420.9	1796.7	DA	111031	140
KNET-CD	LOS ANGELES	CA	341355.0	1180421.2	1900	DA	107381	182
KHTV-CD	LOS ANGELES	CA	341247.8	1180344.2	1679.5	DA	111105	182
KCET	LOS ANGELES	CA	341326.0	1180347.2	1825.6	DA	87581	0
KTLA	LOS ANGELES	CA	341336.0	1180359.2	1848	DA	69778	0
KMEX-DT	LOS ANGELES	CA	341336.0	1180402.2	1839	DA	96279	0
KNBC	LOS ANGELES	CA	341332.0	1180355.2	1891	DA	69336	0
KLCS	LOS ANGELES	CA	341326.0	1180348.2	1775.7	DA	87807	0
KWHY-TV	LOS ANGELES	CA	341247.8	1180344.2	1692	DA	42167	0
KCBS-TV	LOS ANGELES	CA	341338.0	1180403.2	1844	DA	85934	0
KNLA-CD	LOS ANGELES	CA	341355.0	1180421.2	1921	ND		
KFTR-DT	ONTARIO	CA	341336.0	1180402.2	1839	DA	96658	0
KPOM-CD	ONTARIO	CA	340212.9	1165810.0	1514.5	DA	16944	305
KBEH	OXNARD	CA	341248.0	1180344.2	1671	DA	87357	0
K21DO-D	PALM SPRINGS	CA	335201.1	1162606.0	488	DA	120806	225
KRET-CD	PALM SPRINGS	CA	335158.1	1162608.0	478	DA	93726	300
KESQ-TV	PALM SPRINGS	CA	335158.1	1162611.0	496	DA	92841	0
KMIR-TV	PALM SPRINGS	CA	335200.1	1162602.0	519.6	DA	87466	0

Call Sign	City	State	Latitude (NAD83)	Longitude (NAD83)	RCAMSL (m)	DA	Antenna ID	Antenna Rotation (°)
KXLA	RANCHO PALOS VERDES	CA	341335.3	1180400.9	1826	DA	65079	0
KRCA	RIVERSIDE	CA	341248.0	1180344.2	1707	DA	87796	0
KVCR-DT	SAN BERNARDINO	CA	335757.1	1171708.1	952.5	ND		
KPXN-TV	SAN BERNARDINO	CA	341246.0	1180344.2	1706.6	DA	46152	0
KFMB-TV	SAN DIEGO	CA	325017.0	1171500.0	309	ND		
KGTV	SAN DIEGO	CA	325020.2	1171459.1	307	ND		
KUSI-TV	SAN DIEGO	CA	324151.0	1165605.7	820.5	DA	39587	0
KSWB-TV	SAN DIEGO	CA	324147.2	1165610.1	836.4	DA	65036	0
KBNT-CD	SAN DIEGO	CA	325020.2	1171459.1	267	DA	108786	140
KPBS	SAN DIEGO	CA	324153.2	1165606.1	811.4	DA	33507	0
KNSD	SAN DIEGO	CA	324148.2	1165609.1	805	DA	68010	0
KSEX-CD	SAN DIEGO	CA	324148.2	1165613.1	824.8	DA	100415	0
KSKT-CD	SAN MARCOS	CA	330032.0	1165818.9	895	DA	20067	180
KTBN-TV	SANTA ANA	CA	341327.0	1180347.2	1765	DA	92251	0
KVMD	TWENTYNINE PALMS	CA	340217.0	1164850.1	2450	DA	36709	100
KSKJ-CD	VAN NUYS	CA	341703.0	1182820.3	458	DA	20753	180
KJLA	VENTURA	CA	341335.0	1180400.2	1826	DA	65163	0
KTEL-TV	CARLSBAD	NM	322609.4	1041115.8	1089	ND		
KVBA-LP	HIGH ROLLS	NM	324945.3	1055215.9	2393	ND		
KRWG-TV	LAS CRUCES	NM	321733.3	1064153.0	1551.2	DA	83970	0
KTDO	LAS CRUCES	NM	314819.4	1062901.0	1797	ND		
KBIM-TV	ROSWELL	NM	330320.4	1034913.8	1893	ND		
KRWB-TV	ROSWELL	NM	330601.4	1041516.9	1188	DA	87546	0
KRPV-DT	ROSWELL	NM	332350.4	1042235.9	1216	DA	85182	0

Call Sign	City	State	Latitude (NAD83)	Longitude (NAD83)	RCAMSL (m)	DA	Antenna ID	Antenna Rotation (°)
K30EG	BEEVILLE-REFUGIO	TX	282328.0	972535.0	131	ND		
KWAB-TV	BIG SPRING	TX	321655.4	1012935.5	862.6	DA	93177	0
KNIC-DT	BLANCO	TX	294148.8	983046.1	551.1	DA	87498	0
KXFX-CD	BROWNSVILLE	TX	255750.3	973112.9	149.3	DA	16834	170
KVEO-TV	BROWNSVILLE	TX	260602.3	975021.0	463.3	DA	39305	0
KIII	CORPUS CHRISTI	TX	273931.1	973605.0	282	DA	65123	0
KZTV	CORPUS CHRISTI	TX	274229.0	973800.0	305.4	DA	95989	0
KRIS-TV	CORPUS CHRISTI	TX	274430.1	973610.0	254.9	DA	71769	0
K22JA-D	CORPUS CHRISTI	TX	274430.1	973610.0	69	ND		
KEDT	CORPUS CHRISTI	TX	273921.1	973356.0	285	DA	85421	0
KORO	CORPUS CHRISTI	TX	274229.0	973800.0	302.9	DA	38420	0
KUQI	CORPUS CHRISTI	TX	274532.9	973627.3	260.6	DA	90453	0
KCRP-CD	CORPUS CHRISTI	TX	274747.0	972348.0	107.2	DA	23503	0
KXCC-CA	CORPUS CHRISTI	TX	274727.5	972702.5	143.1	ND		
KYVV-TV	DEL RIO	TX	292039.8	1005140.3	408	DA	106518	0
KVAW	EAGLE PASS	TX	284332.9	1002836.3	570	DA	77042	270
KCOS	EL PASO	TX	314715.4	1062849.0	1500	ND		
KFOX-TV	EL PASO	TX	314855.4	1062922.0	1854	DA	68879	0
KTSM-TV	EL PASO	TX	314818.9	1062900.7	1819.4	DA	105406	180
KVIA-TV	EL PASO	TX	314819.4	1062901.0	1819	DA	106329	180
KDBC-TV	EL PASO	TX	314746.4	1062859.0	1705	DA	91152	0
KINT-TV	EL PASO	TX	314746.4	1062859.0	1681.3	DA	77055	0
KSCE	EL PASO	TX	314819.4	1062901.0	1799	DA	87577	50
KTFN	EL PASO	TX	314819.4	1062901.0	1767	DA	96420	0
KCWX	FREDERICKSBURG	TX	300813.7	983636.1	915	ND		
KHPF-CD	FREDERICKSBURG	TX	301535.9	985313.9	626.4	DA	23503	0

Commented [LB5]: Mex ref ift/222/uer/dg-ieet/824/2015 dated 7/17/15

Commented [LB6]: Mex ref ift/222/uer/dg-ieet/824/2015 dated 7/17/15

Call Sign	City	State	Latitude (NAD83)	Longitude (NAD83)	RCAMSL (m)	DA	Antenna ID	Antenna Rotation (°)
KGBT-TV	HARLINGEN	TX	260857.3	974919.0	383	DA	44581	0
KLUJ-TV	HARLINGEN	TX	261301.3	974649.0	298	DA	71037	0
KMBH	HARLINGEN	TX	260717.3	974920.0	360.3	DA	46306	0
KMYS	KERRVILLE	TX	293638.8	985334.1	921.4	DA	46137	0
K31KK-D	KINGSVILLE-ALICE	TX	274011.1	975500.0	115	DA	90452	0
KCWT-CD	LA FERIA	TX	260834.5	975000.2	170.9	DA	120858	270
KGNS-TV	LAREDO	TX	274022.0	993952.2	462.5	DA	87397	0
KVTV	LAREDO	TX	273113.1	993120.2	430	ND		
KLDO-TV	LAREDO	TX	273955.0	993631.2	290.8	DA	105364	0
KXOF-CD	LAREDO	TX	273113.1	993120.2	278.7	DA	105876	45
KETF-CD	LAREDO	TX	273113.1	993120.2	309.2	DA	102429	0
KBVO	LLANO	TX	304036.7	983400.1	589	ND		
KRZG-CD	MCALLEN	TX	261602.2	981911.8	138.1	DA	19178	0
KTFV-CD	MCALLEN	TX	260519.3	980345.0	310.5	DA	93001	0
KNVO	MCALLEN	TX	260519.3	980345.0	310.5	DA	39111	0
KUPB	MIDLAND	TX	315019.4	1023200.5	1206	DA	30593	0
KMID	MIDLAND	TX	320551.4	1021722.5	1165.6	ND		
KOSA-TV	ODESSA	TX	315150.4	1023442.5	1164.4	ND		
KWES-TV	ODESSA	TX	315917.4	1025242.6	1350.7	ND		
KPEJ-TV	ODESSA	TX	320551.4	1021722.5	1224	DA	39998	0
KWWT	ODESSA	TX	320252.9	1021745.5	1037.1	DA	89118	0
KPBT-TV	ODESSA	TX	315350.3	1022015.5	971.6	ND		
KMLM-DT	ODESSA	TX	320254.4	1021805.5	1034.2	DA	85183	0
KTLM	RIO GRANDE CITY	TX	263102.2	983908.1	700	ND		

Call Sign	City	State	Latitude (NAD83)	Longitude (NAD83)	RCAMSL (m)	DA	Antenna ID	Antenna Rotation (°)
KLST	SAN ANGELO	TX	312201.6	1000249.3	995.3	DA	105186	0
KSAN-TV	SAN ANGELO	TX	313722.6	1002615.3	792.8	ND		
KIDY	SAN ANGELO	TX	313521.6	1003101.4	762	DA	105125	0
KEUS-CA	SAN ANGELO	TX	312947.0	1002840.4	720	ND		
KLRN	SAN ANTONIO	TX	291938.9	982118.0	457.5	ND		
KSAT-TV	SAN ANTONIO	TX	291611.9	981532.0	607	DA	104158	0
KHCE-TV	SAN ANTONIO	TX	291724.9	981521.0	489.6	DA	87289	0
KGMM-CD	SAN ANTONIO	TX	291738.9	981532.0	434.7	DA	89446	305
K27LF-D	SAN ANTONIO	TX	291629.8	981552.9	338.1	DA	20071	315
KABB	SAN ANTONIO	TX	291728.9	981613.0	604	DA	87838	0
KVDF-CD	SAN ANTONIO	TX	292629.8	983022.8	350	DA	106327	295
KNIC-CD	SAN ANTONIO	TX	292541.7	982933.0	330.4	DA	1000654	80
KVDA	SAN ANTONIO	TX	291738.9	981531.0	575	DA	41078	0
KENS	SAN ANTONIO	TX	291611.9	981556.0	600.2	ND		
KWEX-DT	SAN ANTONIO	TX	291738.9	981532.0	593.3	DA	87399	0
WOAI-TV	SAN ANTONIO	TX	291611.9	981556.0	617	ND		
KPXL-TV	UVALDE	TX	293711.8	990256.1	920	ND		
KVCT	VICTORIA	TX	285043.0	970734.0	329	ND		
KAVU-TV	VICTORIA	TX	285043.0	970734.0	351	DA	59285	0
KRGV-TV	WESLACO	TX	260603.3	975022.0	461.1	DA	38452	0

Mexico Directional Antenna Tabulation																			
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1000	0.5	0.25	0.28	0.39	0.48	0.67	0.85	0.97	0.97	0.94	0.86	0.76	0.74	0.94	0.94	0.72	0.76	0.87	0.94
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.97	0.96	0.83	0.64	0.48	0.4	0.28	0.28	0.51	0.69	0.82	0.82	0.85	0.85	0.87	0.82	0.64		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1001	0.5	0.25	0.3	0.4	0.48	0.66	0.84	0.97	0.97	0.94	0.87	0.75	0.73	0.95	0.95	0.72	0.76	0.86	0.99
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.97	0.95	0.82	0.65	0.47	0.4	0.3	0.28	0.5	0.68	0.82	0.87	0.85	0.85	0.86	0.82	0.65		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1002	0.81	0.8	0.85	0.8	0.8	0.84	0.96	0.99	0.88	0.82	0.8	0.82	0.81	0.8	0.85	0.95	1	0.89	0.82
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.81	0.83	0.82	0.8	0.84	0.94	0.99	0.88	0.82	0.8	0.82	0.81	0.8	0.87	0.95	1	0.88		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1003	0.5	0.25	0.3	0.4	0.42	0.65	0.84	0.96	0.96	0.94	0.86	0.75	0.74	0.94	0.94	0.72	0.76	0.86	0.94
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.96	0.94	0.82	0.65	0.48	0.4	0.3	0.28	0.5	0.68	0.82	0.87	0.85	0.85	0.86	0.8	0.66		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180

Mexico Directional Antenna Tabulation																			
1005	0.33	0.28	0.2	0.2	0.38	0.46	0.46	0.55	0.63	0.68	0.6	0.41	0.45	0.73	0.79	0.69	0.74	0.9	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.9	0.73	0.69	0.78	0.78	0.5	0.4	0.52	0.67	0.63	0.56	0.48	0.45	0.33	0.22	0.18	0.2		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
2005	0.33	0.28	0.2	0.2	0.38	0.46	0.46	0.55	0.63	0.68	0.6	0.41	0.45	0.73	0.79	0.69	0.74	0.9	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.9	0.73	0.69	0.78	0.78	0.5	0.4	0.52	0.67	0.63	0.56	0.48	0.45	0.33	0.22	0.18	0.2		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1006	0.56	0.53	0.5	0.48	0.44	0.43	0.47	0.54	0.59	0.65	0.76	0.83	0.88	0.92	0.95	0.97	0.98	0.99	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	1	0.98	0.97	0.94	0.92	0.89	0.83	0.77	0.65	0.57	0.5	0.46	0.44	0.44	0.47	0.51	0.53		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1007	1	0.95	0.78	0.73	0.92	0.92	0.76	0.72	0.93	1	0.93	0.72	0.74	0.84	0.8	0.57	0.56	0.68	0.75
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.71	0.62	0.54	0.51	0.4	0.22	0.18	0.2	0.25	0.19	0.19	0.38	0.58	0.66	0.74	0.85	0.96		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1008	1	0.94	0.78	0.73	0.92	0.92	0.77	0.72	0.93	1	0.93	0.71	0.73	0.83	0.8	0.57	0.56	0.68	0.75
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.72	0.62	0.53	0.51	0.4	0.21	0.18	0.2	0.25	0.19	0.19	0.38	0.58	0.66	0.74	0.85	0.96		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1009	0.94	0.89	0.88	0.95	1	0.97	0.84	0.76	0.78	0.84	0.8	0.74	0.73	0.74	0.69	0.57	0.44	0.46	0.5
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.45	0.44	0.53	0.62	0.64	0.62	0.59	0.63	0.67	0.62	0.58	0.69	0.84	0.9	0.87	0.84	0.88		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1010	0.86	0.68	0.53	0.66	0.91	0.95	0.69	0.53	0.72	0.9	0.85	0.71	0.63	0.52	0.42	0.3	0.2	0.08	0.08
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.12	0.09	0.15	0.14	0.11	0.08	0.04	0.04	0.04	0.05	0.19	0.51	0.43	0.55	0.67	0.75	0.81		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1011	1	0.94	0.78	0.73	0.92	0.92	0.77	0.72	0.93	1	0.93	0.71	0.73	0.83	0.8	0.57	0.56	0.68	0.75
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.72	0.62	0.53	0.51	0.4	0.21	0.18	0.2	0.25	0.19	0.19	0.38	0.58	0.66	0.74	0.85	0.96		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1012	1	1	1	1	1	1	1	1	1	1	0.98	0.91	0.85	0.77	0.68	0.57	0.48	0.34	0.2
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.08	0.11	0.14	0.14	0.1	0.07	0.11	0.21	0.38	0.5	0.59	0.69	0.79	0.87	0.92	0.98		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1013	0.94	0.88	0.8	0.95	0.99	1	0.98	0.83	0.72	0.82	0.87	0.76	0.76	0.84	0.84	0.81	0.69	0.58	0.64

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	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.64	0.48	0.44	0.55	0.54	0.53	0.67	0.74	0.64	0.71	0.88	0.97	1	0.99	0.93	0.8	0.87		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1014	0.94	0.86	0.8	0.94	0.98	1	0.98	0.83	0.72	0.83	0.87	0.76	0.76	0.84	0.84	0.81	0.69	0.58	0.64
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.64	0.48	0.44	0.55	0.54	0.53	0.67	0.74	0.64	0.71	0.88	0.98	1	0.99	0.93	0.8	0.87		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1015	1	0.95	0.8	0.65	0.83	0.89	0.65	0.73	0.9	1	0.92	0.73	0.65	0.88	0.89	0.64	0.73	0.93	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.95	0.8	0.66	0.63	0.72	0.74	0.27	0.35	0.44	0.32	0.29	0.7	0.72	0.64	0.65	0.75	0.94		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1016	1	0.96	0.9	0.8	0.64	0.5	0.36	0.24	0.12	0.08	0.06	0.04	0.02	0.06	0.08	0.1	0.1	0.1	0.1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.1	0.1	0.08	0.06	0.02	0.04	0.06	0.08	0.12	0.24	0.36	0.5	0.66	0.8	0.9	0.96		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1017	0.68	0.5	0.33	0.24	0.33	0.33	0.28	0.28	0.35	0.43	0.38	0.38	0.45	0.48	0.48	0.43	0.37	0.39	0.41
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.35	0.28	0.28	0.33	0.35	0.3	0.23	0.4	0.7	0.8	0.87	0.95	0.96	1	0.95	0.87	0.8	315	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1019	0.22	0.3	0.5	0.68	0.75	0.8	0.9	0.95	0.94	0.93	0.9	0.75	0.4	0.25	0.52	0.64	0.68	0.63	0.67
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.7	0.65	0.41	0.46	0.8	0.95	0.98	0.95	0.85	0.77	0.74	0.69	0.5	0.27	0.2	0.3	0.3		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1020	0.92	0.75	0.74	0.82	0.8	0.58	0.5	0.74	0.77	0.7	0.56	0.6	0.7	0.65	0.53	0.55	0.73	0.77	0.7
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.58	0.55	0.35	0.3	0.32	0.3	0.38	0.5	0.4	0.3	0.46	0.67	0.71	0.71	0.84	0.979	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1021	0.91	0.75	0.73	0.82	0.8	0.59	0.49	0.6	0.78	0.7	0.55	0.59	0.7	0.66	0.53	0.54	0.73	0.78	0.7
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.58	0.55	0.6	0.53	0.36	0.3	0.38	0.5	0.41	0.3	0.48	0.68	0.71	0.71	0.82	0.98	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1018	1	0.94	0.89	0.74	0.82	0.91	0.74	0.59	0.73	0.87	0.84	0.7	0.53	0.47	0.49	0.48	0.37	0.23	0.29
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.31	0.316	0.276	0.19	0.06	0.03	0.011	0.11	0.03	0.06	0.16	0.35	0.48	0.779	0.87	0.87	0.95		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1022	1	0.97	0.87	0.89	0.94	0.9	0.75	0.63	0.68	0.76	0.74	0.64	0.61	0.65	0.67	0.62	0.54	0.53	0.57
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1

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	0.57	0.54	0.51	0.46	0.35	0.24	0.18	0.2	0.22	0.2	0.18	0.3	0.5	0.68	0.8	0.87	0.95		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1023	1	0.97	0.87	0.89	0.94	0.9	0.75	0.63	0.68	0.76	0.74	0.64	0.61	0.65	0.67	0.62	0.54	0.53	0.57
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.57	0.54	0.51	0.46	0.35	0.24	0.18	0.2	0.22	0.2	0.18	0.3	0.5	0.68	0.8	0.87	0.95		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1024	0.91	0.75	0.73	0.82	0.8	0.59	0.49	0.6	0.78	0.7	0.55	0.59	0.7	0.66	0.53	0.54	0.73	0.78	0.7
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.58	0.55	0.6	0.53	0.36	0.3	0.38	0.5	0.41	0.3	0.48	0.68	0.71	0.71	0.82	0.98	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1025	1	0.99	0.98	0.95	0.92	0.87	0.84	0.8	0.77	0.72	0.66	0.57	0.47	0.36	0.27	0.29	0.34	0.4	0.43
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.4	0.34	0.29	0.27	0.36	0.47	0.57	0.66	0.72	0.77	0.8	0.84	0.87	0.92	0.95	0.98	0.99		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1026	0.86	0.86	0.84	0.89	0.98	0.98	0.98	0.8	0.82	0.85	0.85	0.82	0.89	0.98	0.98	0.89	0.8	0.82	0.86
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.86	0.84	0.9	0.98	0.98	0.88	0.8	0.82	0.86	0.86	0.84	0.89	0.98	0.98	0.89	0.8	0.82		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1027	0.86	0.85	0.84	0.89	0.98	0.99	0.99	0.8	0.82	0.86	0.85	0.83	0.89	0.99	0.99	0.89	0.8	0.82	0.87
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.85	0.84	0.9	0.99	0.99	0.88	0.8	0.82	0.85	0.85	0.84	0.89	0.99	0.99	0.89	0.8	0.82		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1028	0.88	0.85	0.84	0.88	0.98	0.98	0.98	0.8	0.82	0.85	0.84	0.84	0.9	0.98	0.98	0.88	0.8	0.82	0.88
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.85	0.84	0.9	0.98	0.98	0.88	0.8	0.82	0.86	0.85	0.84	0.88	0.98	0.98	0.88	0.8	0.82		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1029	0.98	0.86	0.66	0.8	0.98	0.98	0.8	0.6	0.84	0.98	0.85	0.67	0.8	0.98	0.98	0.8	0.68	0.85	0.97
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.85	0.67	0.8	0.98	0.98	0.8	0.66	0.82	0.96	0.82	0.66	0.8	0.98	0.98	0.8	0.66	0.86		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1030	1	0.91	0.75	0.74	0.87	0.87	0.75	0.76	0.91	1	0.92	0.77	0.75	0.88	0.87	0.76	0.75	0.92	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.91	0.75	0.75	0.87	0.87	0.75	0.76	0.92	1	0.92	0.76	0.74	0.87	0.87	0.74	0.75	0.92		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1031	0.98	0.86	0.66	0.8	0.98	0.98	0.8	0.6	0.84	0.98	0.85	0.67	0.8	0.98	0.98	0.8	0.68	0.85	0.97
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.85	0.67	0.8	0.98	0.98	0.8	0.66	0.82	0.96	0.82	0.66	0.8	0.98	0.98	0.8	0.66	0.86		

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	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1032	0.97	0.86	0.65	0.8	0.98	0.98	0.8	0.65	0.86	0.97	0.86	0.66	0.79	0.98	0.98	0.81	0.67	0.85	0.97
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.85	0.66	0.81	0.98	0.98	0.8	0.65	0.82	0.97	0.82	0.66	0.81	0.98	0.98	0.8	0.65	0.85		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1033	0.58	0.72	0.84	0.94	0.98	0.98	0.94	0.84	0.72	0.6	0.47	0.3	0.2	0.12	0.08	0.06	0.04	0.06	0.08
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.08	0.06	0.04	0.06	0.08	0.12	0.2	0.3	0.42		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1034	1	0.93	0.71	0.69	0.8	0.75	0.5	0.37	0.6	0.66	0.61	0.43	0.47	0.62	0.62	0.47	0.43	0.61	0.66
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.61	0.43	0.47	0.62	0.62	0.47	0.43	0.61	0.66	0.6	0.37	0.5	0.75	0.8	0.69	0.71	0.93		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1035	0.81	0.75	0.67	0.82	0.97	0.97	0.86	0.72	0.69	0.65	0.47	0.19	0.18	0.32	0.32	0.22	0.18	0.37	0.49
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.48	0.46	0.56	0.64	0.64	0.52	0.41	0.55	0.65	0.55	0.41	0.52	0.64	0.64	0.48	0.38	0.64		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180

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1036	0.77	0.54	0.38	0.58	0.66	0.63	0.43	0.44	0.7	0.8	0.7	0.72	0.92	0.99	0.97	0.79	0.68	0.77	0.77
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.54	0.38	0.58	0.66	0.63	0.43	0.44	0.7	0.8	0.7	0.72	0.92	0.99	0.97	0.79	0.68	0.77		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1037	0.816	0.661	0.509	0.381	0.277	0.208	0.174	0.16	0.144	0.135	0.145	0.158	0.174	0.208	0.278	0.379	0.51	0.664	0.818
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.94	0.997	1	0.931	0.768	0.557	0.374	0.275	0.251	0.274	0.373	0.556	0.769	0.929	1	1	0.94		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1038	0.77	0.54	0.38	0.58	0.66	0.63	0.43	0.44	0.7	0.8	0.7	0.72	0.92	0.99	0.97	0.79	0.68	0.77	0.77
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.54	0.38	0.58	0.66	0.63	0.43	0.44	0.7	0.8	0.7	0.72	0.92	0.99	0.97	0.79	0.68	0.77		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1039	0.94	0.98	1	0.96	0.88	0.78	0.78	0.56	0.44	0.3	0.18	0.12	0.16	0.14	0.16	0.22	0.38	0.52	0.64
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.74	0.84	0.92	1	1	0.96	0.86	0.74	0.6	0.46	0.36	0.28	0.3	0.4	0.54	0.68	0.82		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1040	0.69	0.95	1	0.95	0.69	0.69	0.91	0.91	0.69	0.69	0.95	1	0.95	0.69	0.69	0.91	0.91	0.69	0.69
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.95	1	0.95	0.69	0.69	0.91	0.91	0.69	0.69	0.95	1	0.95	0.69	0.69	0.91	0.91	0.69		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1041	0.71	0.77	0.95	1	0.95	0.77	0.71	0.79	0.78	0.53	0.53	0.65	0.7	0.69	0.63	0.54	0.41	0.07	0.07
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.3	0.5	0.63	0.69	0.7	0.62	0.5	0.59	0.79	0.79		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1042	0.71	0.77	0.95	1	0.95	0.77	0.71	0.79	0.78	0.53	0.53	0.65	0.7	0.69	0.63	0.54	0.41	0.07	0.07
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.3	0.5	0.63	0.69	0.7	0.62	0.5	0.59	0.79	0.79		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1043	0.8	0.72	0.9	1	0.82	0.6	0.75	0.97	0.97	0.8	0.58	0.9	1	0.9	0.6	0.8	0.98	0.98	0.95
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.78	0.65	0.45	0.35	0.25	0.01	0.01	0.01	0.08	0.12	0.35	0.5	0.68	0.83	0.96	1	0.97		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1044	0.89	0.95	0.98	1	0.98	0.92	0.92	0.78	0.77	0.78	0.83	0.88	0.91	0.88	0.79	0.67	0.56	0.47	0.43
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.45	0.5	0.52	0.51	0.47	0.45	0.42	0.57	0.7	0.81	0.89	0.92	0.88	0.84	0.79	0.78	0.82		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1045	0.71	0.75	0.95	1	0.95	0.75	0.75	0.8	0.77	0.54	0.52	0.64	0.7	0.69	0.63	0.53	0.4	0.06	0.06

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	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.07	0.07	0.08	0.07	0.07	0.06	0.06	0.4	0.53	0.63	0.69	0.7	0.65	0.52	0.54	0.77	0.8		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1141	0.89	0.79	0.69	0.79	0.89	0.89	0.7	0.69	0.79	1	0.89	0.69	0.84	0.98	0.98	0.92	0.8	0.6	0.56
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.56	0.4	0.26	0.36	0.35	0.34	0.43	0.45	0.32	0.48	0.79	0.91	0.96	0.94	0.84	0.69	0.73		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1047	1	0.95	0.8	0.72	0.9	0.9	0.9	0.8	0.95	1	0.95	0.8	0.72	0.9	0.9	0.72	0.8	0.95	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.95	0.8	0.72	0.9	0.9	0.72	0.8	0.95	1	0.95	0.8	0.72	0.9	0.9	0.72	0.8	0.95		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
2141	0.89	0.79	0.69	0.79	0.89	0.89	0.7	0.69	0.79	1	0.89	0.69	0.84	0.98	0.98	0.92	0.8	0.6	0.56
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.56	0.4	0.26	0.36	0.35	0.34	0.43	0.45	0.32	0.48	0.79	0.91	0.96	0.94	0.84	0.69	0.73		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1049	0.85	0.97	1	0.88	0.83	0.88	0.8	0.53	0.2	0.35	0.51	0.35	0.2	0.53	0.8	0.88	0.83	0.88	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.97	0.85	0.64	0.55	0.59	0.51	0.32	0.39	0.48	0.5	0.48	0.39	0.32	0.51	0.59	0.55	0.64		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1050	0.96	0.9	0.8	0.66	0.52	0.38	0.38	0.16	0.1	0.03	0.06	0.04	0.08	0.1	0.1	0.1	0.1	0.1	0.1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.1	0.1	0.08	0.04	0.06	0.08	0.1	0.12	0.22	0.36	0.5	0.64	0.8	0.9	0.96	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1051	1	0.94	0.77	0.7	0.71	0.64	0.4	0.25	0.45	0.49	0.46	0.34	0.35	0.44	0.44	0.35	0.34	0.46	0.49
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.46	0.34	0.35	0.44	0.44	0.35	0.34	0.46	0.49	0.45	0.25	0.4	0.64	0.71	0.7	0.77	0.94		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1142	0.333	0.299	0.1	0.31	0.56	0.66	0.69	0.81	0.97	1	0.96	0.75	0.68	0.78	0.74	0.48	0.4	0.62	0.66
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.63	0.46	0.46	0.61	0.61	0.46	0.46	0.63	0.66	0.64	0.52	0.45	0.48	0.43	0.26	0.16	0.3		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1053	0.9	0.98	1	0.98	0.9	0.8	0.66	0.52	0.36	0.25	0.16	0.09	0.08	0.06	0.05	0.08	0.09	0.1	0.1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.1	0.1	0.1	0.1	0.09	0.08	0.05	0.06	0.08	0.09	0.16	0.25	0.36	0.52	0.66	0.8		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1054	0.678	0.763	0.78	0.57	0.37	0.56	0.66	0.65	0.55	0.46	0.47	0.46	0.32	0.16	0.26	0.33	0.32	0.2	0.2
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1

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	0.39	0.48	0.46	0.49	0.6	0.66	0.64	0.46	0.41	0.67	0.8	0.71	0.7	0.9	0.99	0.97	0.81		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1055	0.65	0.72	0.65	0.48	0.56	0.66	0.66	0.42	0.4	0.44	0.35	0.22	0.24	0.28	0.26	0.25	0.22	0.17	0.17
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.24	0.3	0.34	0.32	0.3	0.32	0.4	0.42	0.37	0.46	0.7	0.85	0.96	1	0.9	0.69	0.58		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1056	0.72	0.54	0.27	0.35	0.49	0.49	0.39	0.29	0.44	0.56	0.5	0.44	0.56	0.65	0.65	0.56	0.44	0.5	0.56
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.44	0.29	0.39	0.49	0.49	0.35	0.27	0.54	0.72	0.7	0.71	0.87	0.98	0.98	0.87	0.71	0.7		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
2056	0.72	0.54	0.27	0.35	0.49	0.49	0.39	0.29	0.44	0.56	0.5	0.44	0.56	0.65	0.65	0.56	0.44	0.5	0.56
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.44	0.29	0.39	0.49	0.49	0.35	0.27	0.54	0.72	0.7	0.71	0.87	0.98	0.98	0.87	0.71	0.7		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1131	0.8	0.71	0.6	0.39	0.41	0.42	0.32	0.35	0.4	0.43	0.4	0.33	0.35	0.43	0.41	0.35	0.38	0.51	0.61
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.6	0.63	0.68	0.74	0.72	0.66	0.73	0.83	0.86	0.85	0.88	0.95	0.99	1	0.97	0.9	0.84		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1058	0.728	0.786	0.64	0.39	0.48	0.64	0.65	0.55	0.42	0.52	0.62	0.55	0.42	0.51	0.64	0.65	0.55	0.42	0.52
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.62	0.55	0.42	0.51	0.64	0.65	0.52	0.37	0.59	0.77	0.74	0.67	0.81	0.97	0.98	0.86	0.68		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1059	0.85	0.7	0.54	0.38	0.2	0.1	0.1	0.02	0.01	0.001	0.02	0.1	0.14	0.22	0.4	0.54	0.7	0.84	0.93
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.99	0.99	0.94	0.84	0.68	0.5	0.37	0.32	0.34	0.42	0.55	0.7	0.84	0.95	0.99	0.99	0.95		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1060	0.84	0.7	0.55	0.39	0.25	0.15	0.15	0.01	0.01	0.01	0.01	0.08	0.15	0.25	0.39	0.52	0.7	0.84	0.94
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	1	1	0.94	0.84	0.7	0.52	0.38	0.31	0.34	0.41	0.55	0.7	0.84	0.95	0.99	0.99	0.95		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1143	0.8	0.627	0.38	0.51	0.65	0.65	0.54	0.42	0.54	0.64	0.54	0.42	0.54	0.65	0.65	0.58	0.47	0.47	0.48
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.36	0.18	0.23	0.32	0.32	0.2	0.18	0.46	0.64	0.67	0.73	0.89	0.98	0.98	0.85	0.68	0.74		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
2143	0.8	0.627	0.38	0.51	0.65	0.65	0.54	0.42	0.54	0.64	0.54	0.42	0.54	0.65	0.65	0.58	0.47	0.47	0.48
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.36	0.18	0.23	0.32	0.32	0.2	0.18	0.46	0.64	0.67	0.73	0.89	0.98	0.98	0.85	0.68	0.74		

Mexico Directional Antenna Tabulation																			
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1144	0.231	0.305	0.3	0.23	0.23	0.31	0.33	0.29	0.19	0.31	0.56	0.66	0.69	0.81	0.97	1	0.95	0.69	0.69
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.91	0.91	0.69	0.69	0.95	1	0.97	0.81	0.69	0.66	0.56	0.31	0.19	0.29	0.33	0.31	0.23		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
2144	0.231	0.305	0.3	0.23	0.23	0.31	0.33	0.29	0.19	0.31	0.56	0.66	0.69	0.81	0.97	1	0.95	0.69	0.69
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.91	0.91	0.69	0.69	0.95	1	0.97	0.81	0.69	0.66	0.56	0.31	0.19	0.29	0.33	0.31	0.23		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1065	0.82	0.641	0.81	0.95	0.81	0.64	0.82	0.98	0.98	0.82	0.64	0.81	0.95	0.81	0.64	0.82	0.98	0.98	0.82
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.64	0.81	0.95	0.81	0.64	0.82	0.98	0.98	0.82	0.64	0.81	0.95	0.81	0.64	0.82	0.98	0.98		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
2065	0.82	0.641	0.81	0.95	0.81	0.64	0.82	0.98	0.98	0.82	0.64	0.81	0.95	0.81	0.64	0.82	0.98	0.98	0.82
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.64	0.81	0.95	0.81	0.64	0.82	0.98	0.98	0.82	0.64	0.81	0.95	0.81	0.64	0.82	0.98	0.98		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180

Mexico Directional Antenna Tabulation																			
3065	0.82	0.641	0.81	0.95	0.81	0.64	0.82	0.98	0.98	0.82	0.64	0.81	0.95	0.81	0.64	0.82	0.98	0.98	0.82
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.64	0.81	0.95	0.81	0.64	0.82	0.98	0.98	0.82	0.64	0.81	0.95	0.81	0.64	0.82	0.98	0.98		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1066	0.81	0.76	0.74	0.79	0.92	1	1	0.87	0.8	0.79	0.77	0.75	0.7	0.68	0.62	0.52	0.39	0.25	0.21
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.2	0.21	0.25	0.31	0.34	0.34	0.33	0.31	0.34	0.4	0.47	0.51	0.53	0.55	0.59	0.69	0.78		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1133	0.939	0.918	0.928	0.928	0.948	0.969	0.978	1	1	1	1	1	1	1	0.958	0.954	0.948	0.938	0.929
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.928	0.918	0.923	0.928	0.928	0.948	0.938	0.948	0.958	0.968	0.978	1	1	1	1	0.968	0.938		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1067	0.9	0.79	0.62	0.49	0.45	0.47	0.47	0.45	0.38	0.3	0.23	0.16	0.11	0.08	0.06	0.08	0.15	0.22	0.3
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.38	0.45	0.48	0.5	0.52	0.54	0.64	0.8	0.9	0.94	0.94	0.96	0.98	1	0.98	0.96	0.94		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1068	0.9	0.8	0.61	0.49	0.46	0.48	0.48	0.44	0.39	0.3	0.22	0.15	0.08	0.05	0.06	0.09	0.12	0.22	0.3
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.39	0.44	0.48	0.5	0.51	0.54	0.62	0.79	0.9	0.94	0.94	0.95	0.98	1	0.98	0.96	0.94	315	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

Mexico Directional Antenna Tabulation

ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1069	0.67	0.8	0.98	0.98	0.88	0.75	0.76	0.8	0.7	0.33	0.4	0.57	0.58	0.51	0.48	0.5	0.41	0.24	0.2
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.39	0.48	0.4	0.31	0.18	0.28	0.52	0.63	0.62	0.7	0.8	0.73	0.58	0.59	0.8	0.88	0.78		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1070	0.67	0.8	0.98	0.99	0.89	0.75	0.77	0.8	0.7	0.33	0.4	0.58	0.58	0.5	0.49	0.5	0.42	0.25	0.2
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.3	0.38	0.4	0.3	0.18	0.25	0.5	0.64	0.62	0.7	0.8	0.73	0.58	0.6	0.8	0.88	0.78		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1071	0.84	0.82	0.82	0.88	0.93	0.95	0.95	0.87	0.9	0.93	0.91	0.82	0.69	0.55	0.44	0.28	0.15	0.12	0.13
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.18	0.21	0.33	0.5	0.61	0.74	0.83	0.88	0.86	0.86	0.87	0.94	1	0.99	0.91	0.83	0.82		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1135	1	0.874	0.8	0.838	0.92	0.92	0.838	0.8	0.874	1	0.874	0.8	0.838	0.92	0.92	0.838	0.8	0.874	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.874	0.8	0.838	0.92	0.92	0.838	0.8	0.874	1	0.874	0.8	0.838	0.92	0.92	0.838	0.8	0.874		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
2135	1	0.874	0.8	0.838	0.92	0.92	0.838	0.8	0.874	1	0.874	0.8	0.838	0.92	0.92	0.838	0.8	0.874	1

Mexico Directional Antenna Tabulation																			
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.874	0.8	0.838	0.92	0.92	0.838	0.8	0.874	1	0.874	0.8	0.838	0.92	0.92	0.838	0.8	0.874		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
3135	1	0.874	0.8	0.838	0.92	0.92	0.838	0.8	0.874	1	0.874	0.8	0.838	0.92	0.92	0.838	0.8	0.874	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.874	0.8	0.838	0.92	0.92	0.838	0.8	0.874	1	0.874	0.8	0.838	0.92	0.92	0.838	0.8	0.874		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1072	0.48	0.68	0.72	0.66	0.77	0.93	0.93	0.93	0.71	0.7	0.95	0.9	0.65	0.75	0.95	1	0.98	0.87	0.67
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.51	0.48	0.5	0.4	0.25	0.27	0.27	0.31	0.35	0.27	0.25	0.38	0.52	0.52	0.48	0.39	0.35		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1073	0.84	0.92	0.99	0.99	0.92	0.84	0.84	0.94	0.9	0.88	0.92	0.99	0.99	0.98	0.88	0.8	0.66	0.5	0.34
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.01	0.01	0.1	0.34	0.5	0.66	0.8	0.88	0.98	0.99	0.99	0.92	0.88	0.9	0.94	0.9		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1074	0.8	0.9	0.88	0.75	0.58	0.88	0.88	0.7	0.6	0.84	0.83	0.8	0.83	0.84	0.67	0.42	0.22	0.22	0.12
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.14	0.18	0.2	0.46	0.53	0.62	0.78	0.82	0.82	0.82	0.79	0.5	0.76	0.88	0.7	0.57		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

Mexico Directional Antenna Tabulation

ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
2074	0.8	0.9	0.88	0.75	0.58	0.88	0.88	0.7	0.6	0.84	0.83	0.8	0.83	0.84	0.67	0.42	0.22	0.22	0.12
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.14	0.18	0.2	0.46	0.53	0.62	0.78	0.82	0.82	0.82	0.79	0.5	0.76	0.88	0.7	0.57		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1146	0.7586	0.7079	0.8913	1	0.9772	0.7943	0.6457	0.3981	0.2344	0.1259	0.0631	0.010	0.0631	0.1259	0.1995	0.3162	0.4467	0.4786	0.4467
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.3162	0.1995	0.1259	0.1122	0.0794	0.0316	0.1995	0.3981	0.6310	0.7943	0.9772	1.0	0.9772	0.7762	0.7586	0.9772	0.9772		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1076	0.6	0.78	0.78	0.69	0.78	0.92	0.92	0.9	0.85	0.84	0.96	0.97	0.8	0.86	0.99	1	0.98	0.93	0.83
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.6	0.46	0.46	0.35	0.35	0.35	0.31	0.28	0.36	0.38	0.35	0.5	0.73	0.8	0.79	0.74	0.64		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1077	0.871	0.804	0.902	1	0.989	0.891	0.891	0.631	0.484	0.355	0.251	0.1	0.251	0.355	0.447	0.562	0.596	0.582	0.596
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.562	0.447	0.355	0.335	0.282	0.2	0.447	0.631	0.794	0.891	0.94	1	0.912	0.794	0.841	0.912	0.912		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1078	0.6	0.78	0.78	0.69	0.78	0.92	0.92	0.9	0.85	0.84	0.96	0.97	0.8	0.86	0.99	1	0.98	0.93	0.83
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1

Mexico Directional Antenna Tabulation																			
	0.6	0.46	0.46	0.35	0.35	0.35	0.31	0.28	0.36	0.38	0.35	0.5	0.73	0.8	0.79	0.74	0.64		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1145	0.49	0.67	0.72	0.65	0.78	0.95	1	0.95	0.7	0.72	0.95	0.9	0.65	0.72	0.93	1	0.97	0.88	0.69
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.52	0.47	0.5	0.4	0.25	0.27	0.26	0.3	0.35	0.28	0.25	0.39	0.52	0.48	0.49	0.37	0.35		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1080	0.6	0.78	0.78	0.69	0.78	0.92	0.92	0.9	0.85	0.84	0.96	0.97	0.8	0.86	0.99	1	0.98	0.93	0.83
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.6	0.46	0.46	0.35	0.35	0.35	0.31	0.28	0.36	0.38	0.35	0.5	0.73	0.8	0.79	0.74	0.64		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1081	0.501	0.519	0.507	0.596	0.841	1	1	0.923	0.794	0.708	0.794	0.767	0.562	0.447	0.596	0.631	0.61	0.484	0.501
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.61	0.61	0.501	0.484	0.631	0.668	0.668	0.531	0.376	0.355	0.398	0.398	0.355	0.266	0.282	0.266	0.376		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1082	1	0.99	0.97	0.94	0.91	0.9	0.9	0.92	0.94	0.96	0.97	0.98	0.97	0.91	0.83	0.73	0.64	0.55	0.45
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.34	0.25	0.18	0.2	0.24	0.25	0.2	0.18	0.23	0.35	0.45	0.55	0.65	0.73	0.83	0.9	0.96		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

Mexico Directional Antenna Tabulation

ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1083	0.749	0.72	0.56	0.51	0.59	0.55	0.36	0.3	0.46	0.49	0.46	0.3	0.36	0.55	0.59	0.51	0.56	0.72	0.74
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.7	0.47	0.53	0.78	0.82	0.68	0.73	0.95	1	0.95	0.73	0.68	0.82	0.78	0.53	0.47	0.7		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1136	1	0.921	0.8	0.829	0.94	0.921	0.829	0.8	0.921	1	0.921	0.8	0.829	0.94	0.921	0.829	0.8	0.921	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.921	0.8	0.829	0.94	0.921	0.829	0.8	0.921	1	0.921	0.8	0.829	0.94	0.921	0.829	0.8	0.921		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1084	0.491	0.357	0.27	0.54	0.72	0.7	0.71	0.87	0.98	0.98	0.87	0.71	0.7	0.72	0.54	0.27	0.35	0.49	0.49
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.41	0.31	0.4	0.48	0.4	0.31	0.41	0.49	0.49	0.41	0.31	0.4	0.48	0.4	0.31	0.41	0.49		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
0206	0.491	0.357	0.27	0.54	0.72	0.7	0.71	0.87	0.98	0.98	0.87	0.71	0.7	0.72	0.54	0.27	0.35	0.49	0.49
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.41	0.31	0.4	0.48	0.4	0.31	0.41	0.49	0.49	0.41	0.31	0.4	0.48	0.4	0.31	0.41	0.49		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1137	1	0.919	0.8	0.829	0.919	0.919	0.829	0.8	0.919	1	0.919	0.8	0.829	0.919	0.919	0.829	0.8	0.919	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.919	0.8	0.829	0.919	0.919	0.829	0.8	0.919	1	0.919	0.8	0.829	0.919	0.919	0.829	0.8	0.919		

Mexico Directional Antenna Tabulation																			
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1138	0.8	0.869	0.839	0.729	0.74	0.869	0.951	0.869	0.74	0.729	0.839	0.869	0.8	0.78	0.94	1	0.959	0.869	0.79
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.62	0.41	0.253	0.089	0.063	0.063	0.063	0.089	0.253	0.41	0.62	0.79	0.869	0.959	1	0.921	0.78		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1086	0.58	0.72	0.84	0.94	0.98	0.98	0.98	0.84	0.72	0.58	0.44	0.3	0.2	0.1	0.08	0.06	0.04	0.06	0.08
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.08	0.06	0.04	0.06	0.08	0.1	0.2	0.3	0.44		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1087	1	0.923	0.65	0.7	0.93	0.93	0.7	0.65	0.92	1	0.93	0.75	0.69	0.74	0.66	0.4	0.23	0.44	0.49
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.46	0.32	0.35	0.46	0.46	0.35	0.32	0.46	0.49	0.44	0.23	0.4	0.66	0.74	0.69	0.75	0.93		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1088	0.459	0.423	0.28	0.29	0.44	0.51	0.479	0.46	0.58	0.62	0.58	0.46	0.45	0.5	0.47	0.31	0.28	0.43	0.45
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.41	0.24	0.3	0.57	0.72	0.74	0.78	0.94	1	0.94	0.78	0.72	0.7	0.6	0.33	0.24	0.43		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180

Mexico Directional Antenna Tabulation																			
1089	0.64	0.66	0.72	0.79	0.86	0.88	0.88	0.82	0.78	0.78	0.83	0.9	0.96	0.98	0.94	0.88	0.82	0.75	0.74
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.78	0.83	0.9	0.95	0.96	0.91	0.84	0.78	0.78	0.83	0.88	0.94	0.98	0.95	0.87	0.76	0.66		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1090	1	0.97	0.9	0.9	0.94	0.93	0.93	0.9	0.98	1	0.99	0.95	0.85	0.75	0.58	0.42	0.22	0.1	0.01
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.22	0.42	0.58	0.75	0.85	0.95	0.99	1	0.98	0.9	0.88	0.93	0.94	0.9	0.9	0.97		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1091	0.5	0.48	0.32	0.32	0.5	0.55	0.51	0.5	0.6	0.66	0.6	0.49	0.5	0.56	0.5	0.33	0.32	0.48	0.5
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.45	0.28	0.35	0.62	0.72	0.7	0.78	0.91	1	0.93	0.78	0.7	0.71	0.606	0.37	0.3	0.43		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1092	0.64	0.66	0.72	0.79	0.86	0.88	0.88	0.82	0.78	0.78	0.83	0.9	0.96	0.98	0.94	0.88	0.82	0.75	0.74
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.78	0.83	0.9	0.95	0.96	0.91	0.84	0.78	0.78	0.83	0.88	0.94	0.98	0.95	0.87	0.76	0.66		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1093	0.5	0.4	0.29	0.35	0.5	0.56	0.52	0.5	0.6	0.66	0.6	0.5	0.52	0.56	0.5	0.35	0.29	0.4	0.5
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.45	0.29	0.38	0.61	0.72	0.71	0.78	0.93	1	0.93	0.78	0.71	0.72	0.61	0.38	0.29	0.35		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1094	0.47	0.63	0.79	0.91	0.97	0.97	0.8	0.65	0.81	0.94	0.81	0.65	0.8	0.97	0.97	0.8	0.65	0.81	0.94
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.81	0.65	0.8	0.97	0.97	0.91	0.79	0.63	0.47	0.33	0.22	0.11	0.02	0.02	0.11	0.22	0.33		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1095	0.01	0.01	0.01	0.01	0.01	0.141	0.265	0.4	0.566	0.721	0.86	0.959	1	0.927	0.787	0.762	0.849	0.849	0.762
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.787	0.927	1	0.959	0.86	0.721	0.566	0.409	0.265	0.141	0.01	0.01	0.01	0.01	0.01	0.01	0.01		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1096	0.59	0.65	0.75	0.9	0.98	0.98	0.98	0.78	0.65	0.59	0.56	0.55	0.53	0.46	0.38	0.38	0.4	0.42	0.4
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.35	0.32	0.28	0.25	0.25	0.28	0.32	0.35	0.4	0.42	0.4	0.38	0.38	0.45	0.52	0.54	0.58		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1097	0.57	0.65	0.76	0.9	0.98	0.98	0.82	0.63	0.81	0.95	0.81	0.63	0.82	0.98	0.98	0.82	0.63	0.81	0.95
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.81	0.63	0.82	0.98	0.98	0.9	0.76	0.65	0.57	0.4	0.15	0.12	0.19	0.19	0.12	0.15	0.4		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1098	0.59	0.65	0.78	0.9	0.98	0.98	0.98	0.78	0.65	0.59	0.58	0.55	0.53	0.47	0.38	0.38	0.4	0.42	0.4

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	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.35	0.32	0.28	0.25	0.25	0.28	0.32	0.36	0.4	0.42	0.4	0.38	0.38	0.45	0.52	0.55	0.58		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
2097	0.57	0.65	0.76	0.9	0.98	0.98	0.82	0.63	0.81	0.95	0.81	0.63	0.82	0.98	0.98	0.82	0.63	0.81	0.95
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.81	0.63	0.82	0.98	0.98	0.9	0.76	0.65	0.57	0.4	0.15	0.12	0.19	0.19	0.12	0.15	0.4		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1100	1	0.9	0.72	0.79	0.9	0.9	0.9	0.71	0.9	1	0.9	0.71	0.75	0.9	0.9	0.79	0.71	0.89	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.95	0.85	0.71	0.53	0.4	0.3	0.2	0.1	0.01	0.1	0.2	0.3	0.4	0.53	0.71	0.85	0.95		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1101	0.06	0.04	0.02	0.01	0.01	0.01	0.01	0.02	0.04	0.06	0.1	0.14	0.22	0.4	0.58	0.74	0.88	0.96	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.96	0.82	0.82	0.96	0.96	0.82	0.82	0.96	1	0.96	0.88	0.74	0.56	0.4	0.2	0.14	0.1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1102	1	0.92	0.68	0.71	0.89	0.89	0.71	0.68	0.92	1	0.95	0.86	0.72	0.54	0.39	0.27	0.17	0.04	0.02
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.17	0.27	0.39	0.54	0.72	0.86	0.95		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1103	0.729	0.74	0.869	0.951	0.869	0.74	0.729	0.839	0.869	0.8	0.78	0.921	1	0.959	0.869	0.79	0.62	0.41	0.253
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.089	0.063	0.063	0.063	0.089	0.253	0.41	0.62	0.79	0.869	0.959	1	0.921	0.78	0.8	0.869	0.839		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1105	0.713	0.856	0.976	0.975	0.829	0.679	0.761	0.822	0.676	0.46	0.575	0.728	0.73	0.602	0.486	0.614	0.705	0.614	0.486
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.602	0.73	0.731	0.628	0.518	0.558	0.587	0.472	0.299	0.375	0.485	0.483	0.348	0.284	0.542	0.705	0.71		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1104	0.099	0.25	0.409	0.62	0.79	0.87	0.96	1	0.92	0.78	0.8	0.87	0.84	0.73	0.74	0.87	0.95	0.87	0.74
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.73	0.84	0.87	0.8	0.78	0.92	1	0.96	0.87	0.79	0.62	0.409	0.25	0.099	0.063	0.063	0.063		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1106	0.91	0.88	0.84	0.88	0.98	0.99	0.99	0.83	0.86	0.89	0.87	0.84	0.9	0.98	0.99	0.9	0.83	0.87	0.92
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.88	0.82	0.71	0.57	0.4	0.26	0.15	0.04	0.02	0.1	0.2	0.3	0.44	0.6	0.72	0.82	0.88		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1107	0.99	1	0.98	0.95	0.93	0.9	0.9	0.91	0.93	0.95	0.98	1	0.98	0.95	0.87	0.78	0.68	0.6	0.5
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1

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	0.4	0.29	0.2	0.18	0.22	0.25	0.23	0.17	0.17	0.28	0.4	0.5	0.6	0.69	0.78	0.88	0.95		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1108	1	0.89	0.7	0.69	0.89	0.93	0.71	0.7	0.9	1	0.95	0.8	0.71	0.72	0.6	0.4	0.34	0.48	0.59
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.52	0.41	0.4	0.5	0.58	0.49	0.4	0.51	0.6	0.5	0.35	0.4	0.58	0.72	0.73	0.72	0.9		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1109	0.91	0.87	0.84	0.88	0.98	0.99	0.99	0.83	0.86	0.88	0.87	0.84	0.89	0.98	0.99	0.9	0.83	0.88	0.91
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.88	0.82	0.7	0.56	0.4	0.24	0.1	0.05	0.01	0.1	0.2	0.3	0.45	0.6	0.72	0.83	0.88		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1110	1	0.89	0.7	0.69	0.89	0.93	0.71	0.7	0.9	1	0.95	0.8	0.71	0.72	0.6	0.4	0.34	0.48	0.59
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.52	0.41	0.4	0.5	0.58	0.49	0.4	0.51	0.6	0.5	0.35	0.4	0.58	0.72	0.73	0.72	0.9		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
2110	1	0.89	0.7	0.69	0.89	0.93	0.71	0.7	0.9	1	0.95	0.8	0.71	0.72	0.6	0.4	0.34	0.48	0.59
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.52	0.41	0.4	0.5	0.58	0.49	0.4	0.51	0.6	0.5	0.35	0.4	0.58	0.72	0.73	0.72	0.9		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1112	0.88	0.96	0.98	1	0.98	0.93	0.93	0.77	0.77	0.78	0.83	0.88	0.93	0.88	0.79	0.68	0.56	0.47	0.43
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.45	0.5	0.53	0.51	0.48	0.45	0.47	0.57	0.7	0.81	0.9	0.93	0.89	0.84	0.8	0.78	0.83		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1113	1	0.94	0.77	0.69	0.71	0.64	0.39	0.25	0.45	0.49	0.46	0.34	0.35	0.44	0.44	0.35	0.34	0.46	0.49
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.47	0.38	0.34	0.35	0.32	0.19	0.12	0.22	0.25	0.21	0.04	0.29	0.51	0.62	0.7	0.81	0.95		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1114	0.93	0.9	0.76	0.64	0.68	0.72	0.55	0.34	0.38	0.43	0.39	0.34	0.52	0.71	0.73	0.66	0.76	0.89	0.93
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.85	0.7	0.71	0.94	0.98	0.75	0.7	0.86	0.93	0.86	0.69	0.66	0.9	0.99	0.8	0.71	0.84	226	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	318	1																	
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1115	0.5	0.64	0.78	0.9	0.98	0.99	0.99	0.8	0.67	0.54	0.49	0.48	0.53	0.63	0.78	0.9	0.98	0.99	0.94
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.8	0.67	0.55	0.49	0.48	0.53	0.63	0.78	0.9	0.98	0.99	0.93	0.8	0.67	0.55	0.48	0.47		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1116	1	0.92	0.75	0.71	0.82	0.9	0.9	0.73	0.91	1	0.96	0.85	0.7	0.5	0.31	0.27	0.28	0.3	0.3
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.3	0.28	0.27	0.31	0.5	0.7	0.85	0.96	1	0.91	0.73	0.75	0.9	0.82	0.71	0.75	0.92		

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	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1117	1	1	1	1	1	1	1	0.99	0.97	0.93	0.87	0.81	0.74	0.67	0.63	0.6	0.6	0.6	0.6
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.6	0.6	0.6	0.63	0.67	0.74	0.81	0.87	0.93	0.97	0.99	1	1	1	1	1	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1118	1	0.989	0.977	0.716	0.776	0.794	0.794	0.447	0.55	0.617	0.624	0.442	0.398	0.457	0.631	0.55	0.452	0.501	0.562
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.501	0.457	0.61	0.708	0.631	0.61	0.794	1	1	0.994	0.767	0.794	0.966	0.944	0.794	0.724	0.944		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1119	1	1	1	1	1	1	1	0.99	0.97	0.94	0.87	0.81	0.74	0.67	0.63	0.6	0.6	0.6	0.6
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.6	0.6	0.6	0.63	0.67	0.74	0.81	0.87	0.94	0.97	0.99	1	1	1	1	1	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1120	1	0.9	0.79	0.81	0.91	0.91	0.91	0.65	0.75	0.9	0.78	0.65	0.7	0.81	0.9	0.81	0.75	0.81	0.9
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.81	0.75	0.78	0.88	0.86	0.7	0.67	0.78	0.9	0.72	0.65	0.7	0.83	0.95	0.85	0.8	0.9		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180

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1121	1	0.93	0.78	0.72	0.83	0.8	0.8	0.53	0.66	0.73	0.66	0.57	0.53	0.7	0.7	0.63	0.64	0.7	0.73
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.7	0.6	0.55	0.59	0.58	0.39	0.22	0.3	0.5	0.36	0.32	0.42	0.7	0.71	0.63	0.69	0.93		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1122	1	0.98	0.92	0.81	0.71	0.61	0.61	0.61	0.7	0.77	0.83	0.88	0.89	0.89	0.87	0.83	0.8	0.79	0.79
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.79	0.8	0.83	0.87	0.89	0.89	0.88	0.83	0.77	0.7	0.61	0.59	0.61	0.71	0.81	0.92	0.98		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1123	1	1	1	1	1	1	1	0.99	0.97	0.94	0.87	0.81	0.74	0.67	0.63	0.6	0.6	0.6	0.6
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.6	0.6	0.6	0.63	0.67	0.74	0.81	0.87	0.94	0.97	0.99	1	1	1	1	1	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1124	1	0.92	0.75	0.71	0.82	0.9	0.9	0.73	0.91	1	0.96	0.85	0.7	0.5	0.31	0.27	0.28	0.3	0.3
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.3	0.28	0.27	0.31	0.5	0.7	0.85	0.96	1	0.91	0.73	0.75	0.9	0.82	0.71	0.75	0.92		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1125	0.98	0.99	0.88	0.78	0.85	0.91	0.83	0.78	0.9	0.98	0.99	0.88	0.78	0.85	0.91	0.83	0.78	0.9	0.98
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.99	0.88	0.78	0.85	0.91	0.83	0.78	0.9	0.98	0.99	0.88	0.78	0.85	0.91	0.83	0.78	0.9		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1126	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.1	0.36	0.56	0.7	0.82	0.92	0.96	0.98	0.9	0.78
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.83	0.94	1	0.94	0.82	0.8	0.94	1	0.98	0.92	0.84	0.72	0.58	0.4	0.18	0.1	0.02		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1127	1	0.93	0.68	0.71	0.89	0.89	0.71	0.68	0.93	1	0.93	0.68	0.71	0.89	0.89	0.71	0.68	0.93	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.93	0.68	0.71	0.89	0.89	0.71	0.68	0.93	1	0.93	0.68	0.71	0.89	0.89	0.71	0.68	0.93		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1128	0.3	0.29	0.26	0.27	0.3	0.47	0.64	0.81	0.93	1	0.93	0.77	0.73	0.88	0.83	0.72	0.72	0.9	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.94	0.77	0.71	0.8	0.9	0.77	0.7	0.9	1	0.95	0.83	0.68	0.4	0.3	0.27	0.26	0.29		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1129	1	0.97	0.9	0.8	0.66	0.52	0.52	0.24	0.14	0.1	0.08	0.06	0.04	0.06	0.08	0.1	0.1	0.1	0.1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.1	0.1	0.08	0.06	0.04	0.06	0.08	0.1	0.14	0.24	0.36	0.52	0.66	0.8	0.9	0.96		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1130	0.666	0.621	0.45	0.46	0.59	0.59	0.46	0.45	0.62	0.66	0.61	0.39	0.49	0.72	0.77	0.69	0.74	0.94	1

Mexico Directional Antenna Tabulation																			
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.94	0.74	0.69	0.77	0.72	0.49	0.39	0.61	0.66	0.62	0.45	0.46	0.59	0.59	0.46	0.45	0.62		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

U.S. Directional Antenna Tabulation

ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
90566	1	0.985	0.949	0.895	0.832	0.767	0.698	0.626	0.556	0.49	0.425	0.358	0.287	0.212	0.141	0.101	0.1	0.122	0.132
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.122	0.1	0.101	0.141	0.212	0.287	0.358	0.425	0.49	0.556	0.626	0.698	0.767	0.832	0.895	0.949	0.985		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
109722	1	0.98	0.96	0.93	0.92	0.95	0.97	1	1	0.95	0.87	0.77	0.63	0.47	0.36	0.23	0.21	0.22	0.23
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.22	0.21	0.23	0.36	0.47	0.63	0.77	0.87	0.95	1	1	0.97	0.95	0.92	0.93	0.96	0.98		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
73125	1	0.977	0.917	0.842	0.776	0.768	0.779	0.828	0.885	0.911	0.88	0.788	0.673	0.56	0.467	0.43	0.452	0.495	0.521
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.511	0.477	0.446	0.468	0.56	0.688	0.81	0.891	0.918	0.885	0.834	0.793	0.777	0.816	0.885	0.949	0.984		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
20753	1	0.98	0.917	0.813	0.68	0.53	0.35	0.14	0.06	0.03	0.03	0.02	0.02	0.02	0.03	0.04	0.07	0.105	0.11
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.065	0.03	0.02	0.02	0.03	0.04	0.055	0.07	0.115	0.21	0.35	0.51	0.68	0.81	0.915	0.98		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
97300	1	0.967	0.896	0.827	0.794	0.815	0.874	0.94	0.986	1	0.967	0.896	0.827	0.794	0.815	0.874	0.94	0.986	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.967	0.896	0.827	0.794	0.815	0.874	0.94	0.986	1	0.967	0.896	0.827	0.794	0.815	0.874	0.94	0.986		

U.S. Directional Antenna Tabulation

	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
67336	0.936	0.917	0.905	0.9	0.899	0.9	0.905	0.917	0.936	0.963	0.988	1	0.987	0.94	0.854	0.733	0.588	0.437	0.302
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.218	0.207	0.232	0.245	0.232	0.207	0.218	0.302	0.437	0.588	0.733	0.854	0.94	0.987	1	0.988	0.963		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
43557	0.791	0.849	0.919	0.97	0.994	0.991	0.951	0.881	0.804	0.768	0.77	0.8	0.858	0.904	0.904	0.841	0.731	0.615	0.51
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.439	0.436	0.473	0.512	0.52	0.496	0.459	0.447	0.507	0.622	0.752	0.856	0.912	0.907	0.859	0.812	0.779		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
113722	0.879	0.867	0.884	0.916	0.944	0.956	0.948	0.923	0.89	0.868	0.874	0.91	0.954	0.987	1	0.994	0.969	0.905	0.772
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.557	0.305	0.205	0.425	0.518	0.455	0.281	0.266	0.506	0.735	0.885	0.96	0.991	1	0.991	0.962	0.918		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
87270	0.968	0.984	0.994	1	0.995	0.984	0.967	0.946	0.923	0.898	0.864	0.817	0.751	0.664	0.559	0.452	0.371	0.346	0.378
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.43	0.471	0.481	0.459	0.409	0.353	0.327	0.363	0.449	0.561	0.659	0.745	0.812	0.862	0.898	0.926	0.949		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180

U.S. Directional Antenna Tabulation

24175	1	1	1	0.98	0.95	0.9	0.82	0.72	0.62	0.5	0.39	0.29	0.2	0.16	0.15	0.16	0.17	0.18	0.19
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.18	0.17	0.16	0.15	0.16	0.2	0.29	0.39	0.5	0.62	0.72	0.82	0.9	0.95	0.98	1	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
24175	1	1	1	0.98	0.95	0.9	0.82	0.72	0.62	0.5	0.39	0.29	0.2	0.16	0.15	0.16	0.17	0.18	0.19
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.18	0.17	0.16	0.15	0.16	0.2	0.29	0.39	0.5	0.62	0.72	0.82	0.9	0.95	0.98	1	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
88484	0.98	0.96	0.94	0.94	0.93	0.93	0.93	0.94	0.94	0.96	0.98	1	1	0.98	0.92	0.84	0.74	0.62	0.49
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.38	0.3	0.26	0.26	0.26	0.26	0.26	0.3	0.38	0.49	0.62	0.74	0.84	0.92	0.98	1	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
95672	1	0.98	0.96	0.93	0.93	0.94	0.97	0.99	0.98	0.95	0.87	0.77	0.63	0.47	0.35	0.23	0.21	0.22	0.23
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.22	0.21	0.23	0.35	0.47	0.63	0.77	0.87	0.95	0.98	0.99	0.97	0.94	0.93	0.93	0.96	0.98		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
43560	0.779	0.791	0.849	0.919	0.97	0.994	0.991	0.951	0.881	0.804	0.768	0.77	0.8	0.858	0.904	0.904	0.841	0.731	0.615
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.51	0.439	0.436	0.473	0.512	0.52	0.496	0.459	0.447	0.507	0.622	0.752	0.856	0.912	0.907	0.859	0.812	53	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

U.S. Directional Antenna Tabulation

ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
65401	0.95	0.85	0.76	0.69	0.64	0.62	0.64	0.67	0.74	0.84	0.94	1	0.98	0.86	0.67	0.45	0.3	0.18	0.12
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.15	0.26	0.4	0.6	0.79	0.95	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
119536	0.91	0.858	0.795	0.73	0.666	0.61	0.566	0.537	0.521	0.517	0.521	0.537	0.566	0.61	0.666	0.73	0.796	0.858	0.91
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.949	0.979	0.991	0.998	1	0.999	0.998	0.997	0.997	0.997	0.998	0.999	1	0.998	0.991	0.976	0.949		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
102464	0.279	0.308	0.319	0.316	0.319	0.308	0.279	0.247	0.219	0.214	0.236	0.286	0.353	0.429	0.508	0.599	0.693	0.792	0.877
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.946	0.988	0.99	0.988	0.946	0.877	0.793	0.693	0.599	0.508	0.429	0.353	0.283	0.236	0.214	0.219	0.247	214	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
59934	0.105	0.119	0.166	0.189	0.329	0.54	0.71	0.871	0.954	0.985	0.953	0.861	0.859	0.917	0.843	0.691	0.757	0.947	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.92	0.756	0.733	0.86	0.876	0.813	0.851	0.953	0.976	0.925	0.841	0.714	0.53	0.313	0.198	0.183	0.125		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
68106	0.111	0.127	0.171	0.189	0.337	0.555	0.71	0.845	0.931	0.97	0.94	0.836	0.843	0.92	0.841	0.674	0.743	0.94	1

U.S. Directional Antenna Tabulation

	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.924	0.751	0.717	0.859	0.882	0.802	0.829	0.941	0.969	0.914	0.827	0.714	0.543	0.323	0.199	0.19	0.129		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
64314	0.114	0.13	0.173	0.189	0.342	0.562	0.709	0.832	0.921	0.964	0.935	0.823	0.832	0.92	0.841	0.667	0.737	0.937	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.926	0.749	0.71	0.86	0.885	0.795	0.817	0.936	0.967	0.91	0.821	0.713	0.551	0.328	0.199	0.193	0.13		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
42999	0.997	0.995	0.973	0.955	0.957	0.974	0.992	1	0.992	0.974	0.957	0.955	0.973	0.995	0.997	0.959	0.885	0.792	0.701
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.613	0.51	0.382	0.251	0.196	0.238	0.267	0.238	0.196	0.251	0.382	0.51	0.613	0.701	0.792	0.885	0.959	5	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	135	1																	
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
67609	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
43979	0.121	0.138	0.176	0.184	0.363	0.583	0.698	0.794	0.899	0.955	0.925	0.779	0.783	0.917	0.837	0.646	0.727	0.93	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.931	0.748	0.689	0.863	0.89	0.754	0.775	0.928	0.969	0.902	0.801	0.704	0.579	0.348	0.196	0.196	0.134	132	0.925
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	226	0.912																	

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
85448	0.691	0.793	0.88	0.944	0.982	0.999	1	0.994	0.992	0.99	0.987	0.979	0.952	0.894	0.807	0.699	0.594	0.499	0.439
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.393	0.347	0.288	0.232	0.202	0.209	0.217	0.212	0.188	0.169	0.209	0.283	0.351	0.403	0.446	0.504	0.59		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
93775	0.81	0.89	0.96	0.99	0.99	0.98	0.97	1	0.97	0.97	0.99	0.99	0.97	0.91	0.83	0.74	0.62	0.47	0.3
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.17	0.11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.11	0.15	0.27	0.43	0.6	0.71		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
108296	0.62	0.67	0.69	0.67	0.6	0.47	0.3	0.17	0.16	0.2	0.33	0.52	0.69	0.83	0.92	0.98	0.99	0.94	0.85
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.73	0.57	0.4	0.36	0.51	0.66	0.75	0.78	0.76	0.7	0.58	0.37	0.23	0.22	0.23	0.34	0.5	155	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
42876	0.068	0.048	0.067	0.07	0.011	0.131	0.204	0.248	0.385	0.44	0.521	0.46	0.394	0.412	0.44	0.453	0.419	0.47	0.58
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.581	0.549	0.578	0.572	0.446	0.406	0.684	0.926	1	0.941	0.838	0.64	0.455	0.313	0.221	0.086	0.086		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
66764	0.31	0.209	0.214	0.281	0.33	0.33	0.281	0.214	0.209	0.309	0.446	0.587	0.709	0.811	0.894	0.958	0.99	0.999	0.988
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1

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	0.956	0.913	0.882	0.871	0.87	0.882	0.913	0.957	0.988	0.999	0.99	0.958	0.895	0.811	0.709	0.587	0.446		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
85821	0.171	0.139	0.228	0.298	0.316	0.276	0.19	0.127	0.228	0.403	0.582	0.741	0.865	0.947	0.989	0.998	0.99	0.979	0.974
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.978	0.988	0.997	1	0.994	0.984	0.975	0.975	0.983	0.995	0.998	0.976	0.92	0.821	0.681	0.512	0.33	6	0.127
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	38	0.317	218	1															
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1000507	0.171	0.139	0.228	0.298	0.316	0.276	0.19	0.127	0.228	0.403	0.582	0.741	0.865	0.947	0.989	0.998	0.99	0.979	0.974
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.978	0.988	0.997	1	0.994	0.984	0.975	0.975	0.983	0.995	0.998	0.976	0.92	0.821	0.681	0.512	0.33	6	0.127
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	38	0.317	218	1															
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
85249	0.556	0.49	0.425	0.358	0.287	0.212	0.141	0.101	0.1	0.122	0.132	0.122	0.1	0.101	0.141	0.212	0.287	0.358	0.425
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.49	0.556	0.626	0.698	0.767	0.832	0.895	0.949	0.985	1	0.985	0.949	0.895	0.832	0.767	0.698	0.626		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
20753	1	0.98	0.917	0.813	0.68	0.53	0.35	0.14	0.06	0.03	0.03	0.02	0.02	0.02	0.03	0.04	0.07	0.105	0.11
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.065	0.03	0.02	0.02	0.03	0.04	0.055	0.07	0.115	0.21	0.35	0.51	0.68	0.81	0.915	0.98		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
89765	0.22	0.272	0.286	0.256	0.21	0.273	0.478	0.707	0.871	0.968	1	0.986	0.951	0.911	0.861	0.79	0.705	0.641	0.612
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.591	0.545	0.48	0.428	0.401	0.382	0.393	0.434	0.471	0.508	0.536	0.538	0.502	0.421	0.305	0.193	0.164	18	0.287
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	42	0.21	102	1	297	0.541	347	0.16											
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
92199	0.465	0.45	0.445	0.45	0.465	0.5	0.55	0.615	0.695	0.775	0.845	0.905	0.95	0.98	0.995	1	0.995	0.995	0.99
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.99	0.99	0.99	0.99	0.995	0.995	1	0.995	0.98	0.95	0.905	0.845	0.775	0.695	0.615	0.55	0.5		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
86584	0.246	0.31	0.336	0.31	0.246	0.197	0.249	0.377	0.516	0.651	0.763	0.856	0.929	0.979	0.999	0.998	0.974	0.935	0.895
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.874	0.869	0.874	0.895	0.935	0.974	0.998	0.999	0.979	0.929	0.856	0.763	0.651	0.516	0.377	0.249	0.197	144	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	256	1																	
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
65049	0.075	0.067	0.161	0.113	0.098	0.171	0.196	0.271	0.556	0.795	0.919	0.855	0.865	0.878	0.835	0.776	0.694	0.737	0.83
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.835	0.733	0.669	0.795	0.891	0.818	0.807	0.986	0.931	0.66	0.45	0.338	0.291	0.184	0.105	0.131	0.081	162	0.69
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	208	0.667	262	1															
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1000537	0.734	0.75	0.794	0.853	0.912	0.961	0.993	0.998	0.966	0.894	0.795	0.674	0.531	0.377	0.247	0.179	0.176	0.204	0.221
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.204	0.176	0.179	0.247	0.377	0.531	0.674	0.795	0.894	0.966	0.998	0.993	0.961	0.912	0.853	0.794	0.75	66	1

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	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	294	1																	
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
16408	1	0.985	0.951	0.925	0.929	0.959	0.99	0.997	0.975	0.922	0.845	0.758	0.68	0.605	0.51	0.397	0.302	0.253	0.241
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.253	0.302	0.397	0.51	0.605	0.68	0.758	0.845	0.922	0.975	0.997	0.99	0.959	0.929	0.925	0.951	0.985		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
20753	1	0.98	0.917	0.813	0.68	0.53	0.35	0.14	0.06	0.03	0.03	0.02	0.02	0.02	0.03	0.04	0.07	0.105	0.11
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.065	0.03	0.02	0.02	0.03	0.04	0.055	0.07	0.115	0.21	0.35	0.51	0.68	0.81	0.915	0.98		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
119266	0.201	0.336	0.432	0.571	0.724	0.863	0.963	0.988	0.859	0.719	0.579	0.587	0.641	0.587	0.579	0.72	0.859	0.988	0.963
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.863	0.725	0.571	0.432	0.336	0.201	0.074	0.047	0.06	0.034	0.063	0.087	0.063	0.034	0.06	0.047	0.073	67	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	105	0.56	135	0.56	173	1													
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
117462	0.585	0.553	0.474	0.409	0.456	0.607	0.788	0.915	0.985	1	0.91	0.77	0.601	0.407	0.377	0.364	0.442	0.494	0.441
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.392	0.351	0.331	0.316	0.305	0.3	0.313	0.331	0.345	0.277	0.195	0.163	0.139	0.191	0.293	0.431	0.553	145	0.36
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180

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101157	0.99	1	1	1	1	0.99	0.99	0.98	0.98	0.98	0.97	0.96	0.94	0.92	0.91	0.9	0.89	0.89	0.88
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.87	0.86	0.86	0.87	0.88	0.89	0.89	0.9	0.91	0.93	0.94	0.96	0.97	0.98	0.98	0.98	0.99		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
86887	0.987	0.999	0.999	1	1	0.999	0.997	0.998	0.999	0.996	0.987	0.975	0.957	0.934	0.893	0.843	0.787	0.724	0.666
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.616	0.572	0.539	0.526	0.516	0.523	0.543	0.575	0.604	0.629	0.704	0.761	0.81	0.863	0.92	0.96	0.978		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
99538	0.995	0.998	0.999	1	0.999	0.998	0.995	0.986	0.969	0.941	0.898	0.842	0.773	0.696	0.614	0.534	0.46	0.398	0.349
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.315	0.294	0.287	0.294	0.315	0.349	0.398	0.46	0.534	0.614	0.696	0.773	0.842	0.898	0.941	0.969	0.986		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
87033	0.995	0.998	0.999	1	0.999	0.998	0.995	0.986	0.969	0.941	0.898	0.842	0.773	0.696	0.614	0.534	0.46	0.398	0.349
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.315	0.294	0.287	0.294	0.315	0.349	0.398	0.46	0.534	0.614	0.696	0.773	0.842	0.898	0.941	0.969	0.986		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
111031	0.999	0.895	0.789	0.839	0.977	1	0.939	0.803	0.636	0.485	0.348	0.237	0.12	0.024	0.001	0.001	0.001	0.001	0.001
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.001	0.001	0.001	0.001	0.024	0.12	0.237	0.348	0.485	0.636	0.803	0.939	1	0.977	0.839	0.789	0.895		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
107381	1	0.967	0.872	0.729	0.556	0.378	0.218	0.087	0.087	0.09	0.087	0.087	0.218	0.378	0.556	0.729	0.872	0.967	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.967	0.872	0.729	0.556	0.378	0.218	0.094	0.021	0.01	0.021	0.094	0.218	0.378	0.556	0.729	0.872	0.967		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
111105	1	0.967	0.872	0.729	0.556	0.378	0.218	0.094	0.021	0.01	0.021	0.094	0.218	0.378	0.556	0.729	0.872	0.967	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.967	0.872	0.729	0.556	0.378	0.218	0.094	0.021	0.01	0.021	0.094	0.218	0.378	0.556	0.729	0.872	0.967		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
87581	0.863	0.973	0.973	0.759	0.544	0.459	0.576	0.833	0.964	0.905	0.669	0.455	0.403	0.499	0.564	0.569	0.545	0.483	0.515
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.568	0.568	0.515	0.483	0.545	0.582	0.577	0.505	0.408	0.467	0.697	0.919	1	0.854	0.552	0.484	0.673		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
69778	0.314	0.462	0.517	0.457	0.307	0.191	0.333	0.554	0.743	0.877	0.958	0.991	0.981	0.934	0.866	0.804	0.781	0.804	0.85
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.88	0.898	0.877	0.832	0.786	0.769	0.801	0.87	0.942	0.989	0.998	0.963	0.879	0.739	0.545	0.321	0.187		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
96279	0.305	0.416	0.505	0.455	0.329	0.316	0.486	0.692	0.823	0.89	0.912	0.937	1	0.908	0.784	0.637	0.503	0.406	0.364

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	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.345	0.336	0.34	0.358	0.392	0.458	0.565	0.686	0.784	0.801	0.795	0.845	0.849	0.834	0.752	0.565	0.355		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
69336	0.997	0.999	0.999	1	1	0.999	0.999	0.997	0.991	0.982	0.967	0.946	0.918	0.883	0.846	0.806	0.765	0.726	0.693
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.665	0.647	0.638	0.638	0.647	0.665	0.693	0.726	0.765	0.806	0.846	0.883	0.918	0.946	0.967	0.982	0.991		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
87807	0.423	0.384	0.448	0.616	0.705	0.746	0.845	0.962	1	0.913	0.774	0.714	0.728	0.639	0.519	0.51	0.539	0.506	0.428
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.331	0.281	0.297	0.292	0.266	0.287	0.353	0.41	0.434	0.429	0.426	0.444	0.414	0.32	0.3	0.382	0.433		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
42167	0.545	0.507	0.444	0.419	0.485	0.622	0.774	0.896	0.971	1	0.984	0.942	0.884	0.812	0.729	0.641	0.544	0.452	0.366
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.282	0.228	0.195	0.178	0.173	0.18	0.197	0.225	0.262	0.279	0.274	0.254	0.242	0.279	0.363	0.459	0.527		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
85934	0.822	0.946	0.767	0.829	0.945	0.667	0.917	0.873	0.798	0.816	0.908	0.725	0.77	0.854	0.568	0.728	0.65	0.554	0.532
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.561	0.429	0.414	0.471	0.332	0.453	0.497	0.486	0.532	0.614	0.562	0.643	0.77	0.575	0.847	0.836	0.778	36	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	126	0.92	216	0.499	306	0.794													

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
96658	0.289	0.301	0.335	0.292	0.296	0.417	0.533	0.65	0.833	0.946	0.997	1	0.975	0.901	0.783	0.682	0.636	0.614	0.608
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.599	0.585	0.58	0.578	0.57	0.592	0.704	0.828	0.861	0.828	0.896	0.925	0.856	0.742	0.677	0.603	0.444		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
16944	1	0.972	0.906	0.815	0.713	0.611	0.517	0.435	0.368	0.316	0.269	0.221	0.168	0.12	0.094	0.104	0.147	0.202	0.236
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.202	0.147	0.104	0.094	0.12	0.168	0.221	0.269	0.316	0.368	0.435	0.517	0.611	0.713	0.815	0.906	0.972		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
87357	0.04	0.06	0.08	0.1	0.15	0.25	0.42	0.64	0.82	0.94	0.98	0.99	0.97	0.94	0.93	0.93	0.96	0.98	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.98	0.96	0.93	0.93	0.94	0.97	0.99	0.98	0.94	0.82	0.64	0.42	0.25	0.15	0.1	0.08	0.06		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
120806	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
93726	1	0.99	0.98	0.97	0.93	0.89	0.83	0.78	0.73	0.68	0.66	0.65	0.65	0.66	0.67	0.68	0.695	0.7	0.71
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1

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	0.7	0.695	0.68	0.67	0.66	0.65	0.65	0.66	0.68	0.73	0.78	0.83	0.89	0.93	0.96	0.98	0.99		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
92841	0.17	0.23	0.23	0.23	0.18	0.2	0.28	0.39	0.51	0.6	0.68	0.78	0.87	0.95	0.98	1	0.97	0.94	0.92
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.9	0.9	0.91	0.92	0.94	0.97	1	0.98	0.94	0.87	0.77	0.68	0.58	0.5	0.4	0.27	0.2		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
87466	0.4	0.29	0.23	0.2	0.2	0.21	0.2	0.2	0.23	0.29	0.4	0.6	0.8	0.96	1	0.96	0.83	0.62	0.43
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.36	0.38	0.39	0.39	0.36	0.39	0.39	0.38	0.36	0.43	0.62	0.83	0.96	1	0.96	0.8	0.6		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
65079	0.085	0.104	0.213	0.13	0.17	0.202	0.097	0.336	0.646	0.826	0.961	0.985	0.762	0.511	0.52	0.639	0.601	0.686	0.83
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.931	0.851	0.634	0.554	0.576	0.439	0.486	0.756	0.935	0.959	0.878	0.794	0.575	0.391	0.219	0.052	0.126	106	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	135	0.476	192	0.935	245	0.356	277	0.967											
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
87796	0.285	0.411	0.503	0.465	0.337	0.319	0.487	0.652	0.705	0.68	0.664	0.64	0.623	0.579	0.496	0.416	0.356	0.329	0.339
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.374	0.425	0.479	0.535	0.609	0.707	0.834	0.947	1	0.97	0.908	0.853	0.816	0.771	0.681	0.511	0.326		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
46152	0.27	0.28	0.264	0.258	0.327	0.471	0.646	0.811	0.936	0.996	0.983	0.904	0.778	0.627	0.468	0.32	0.187	0.094	0.04
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.052	0.092	0.131	0.151	0.137	0.1	0.058	0.044	0.101	0.187	0.277	0.33	0.334	0.292	0.234	0.207	0.234	95	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	185	0.036	255	0.041	305	0.335													
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
39587	0.801	0.831	0.84	0.818	0.766	0.686	0.593	0.511	0.479	0.513	0.59	0.653	0.703	0.703	0.666	0.6	0.534	0.504	0.556
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.652	0.766	0.871	0.947	0.989	1	0.984	0.95	0.901	0.844	0.815	0.784	0.784	0.781	0.777	0.768	0.788		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
65036	0.968	0.949	0.928	0.906	0.878	0.839	0.78	0.697	0.591	0.474	0.369	0.319	0.343	0.403	0.455	0.475	0.455	0.403	0.343
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.319	0.369	0.474	0.591	0.697	0.78	0.839	0.878	0.906	0.928	0.949	0.968	0.985	0.996	1	0.996	0.985		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
108786	1	0.989	0.949	0.895	0.832	0.767	0.698	0.626	0.556	0.49	0.425	0.358	0.287	0.212	0.141	0.101	0.1	0.122	0.132
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.122	0.1	0.101	0.141	0.212	0.287	0.358	0.425	0.49	0.556	0.626	0.698	0.767	0.832	0.895	0.949	0.985		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
33507	0.968	0.995	0.996	0.952	0.855	0.711	0.532	0.331	0.143	0.114	0.238	0.328	0.362	0.334	0.244	0.117	0.146	0.338	0.542
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.722	0.86	0.943	0.974	0.961	0.927	0.892	0.871	0.871	0.889	0.91	0.921	0.922	0.913	0.905	0.912	0.934	16	1

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	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	224	1																	
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
68010	0.972	0.923	0.847	0.749	0.626	0.484	0.326	0.181	0.135	0.223	0.301	0.323	0.281	0.188	0.114	0.208	0.364	0.518	0.656
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.769	0.862	0.929	0.976	0.996	0.993	0.967	0.928	0.888	0.86	0.85	0.861	0.889	0.925	0.967	0.992	0.996	234	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
100415	0.03	0.035	0.034	0.022	0.018	0.007	0.005	0.004	0.004	0.005	0.005	0.003	0.012	0.025	0.034	0.033	0.022	0.009	0.03
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.019	0.03	0.29	0.523	0.691	0.853	0.963	1	0.962	0.859	0.702	0.521	0.29	0.03	0.009	0.012	0.026		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
20067	1	0.967	0.872	0.729	0.556	0.378	0.218	0.094	0.021	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.021	0.094	0.218	0.378	0.556	0.729	0.872	0.967		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
92251	0.03	0.02	0.02	0.03	0.03	0.03	0.06	0.14	0.28	0.45	0.62	0.79	0.92	0.98	0.97	0.86	0.69	0.76	0.86
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.72	0.67	0.86	0.99	1	0.93	0.8	0.62	0.44	0.28	0.14	0.06	0.03	0.03	0.02	0.02	0.03		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180

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36709	0.995	0.989	0.967	0.94	0.941	0.97	0.995	0.999	0.993	0.979	0.922	0.809	0.695	0.605	0.501	0.357	0.232	0.192	0.196
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.192	0.232	0.357	0.501	0.605	0.695	0.809	0.922	0.979	0.993	0.999	0.995	0.97	0.941	0.94	0.967	0.989	66	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	294	1																	
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
20753	1	0.98	0.917	0.813	0.68	0.53	0.35	0.14	0.06	0.03	0.03	0.02	0.02	0.02	0.03	0.04	0.07	0.105	0.11
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.1	0.065	0.03	0.02	0.02	0.03	0.04	0.055	0.07	0.115	0.21	0.35	0.51	0.68	0.81	0.915	0.98		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
65163	0.056	0.117	0.187	0.075	0.162	0.186	0.134	0.373	0.74	0.942	0.957	0.895	0.758	0.572	0.583	0.67	0.653	0.763	0.964
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.947	0.766	0.648	0.599	0.59	0.524	0.489	0.824	0.993	0.969	0.905	0.831	0.583	0.422	0.259	0.115	0.189	134	0.543
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	156	0.643	184	0.991	247	0.441	272	1											
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
83970	0.955	0.871	0.75	0.647	0.559	0.438	0.292	0.202	0.192	0.195	0.202	0.279	0.423	0.553	0.645	0.743	0.864	0.956	0.99
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.997	1	0.986	0.956	0.935	0.948	0.976	0.99	0.99	0.979	0.951	0.932	0.947	0.978	0.994	0.99	0.982		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
87546	0.579	0.416	0.291	0.22	0.204	0.23	0.272	0.305	0.311	0.287	0.246	0.211	0.207	0.256	0.36	0.511	0.683	0.841	0.954
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.999	0.971	0.879	0.752	0.624	0.527	0.477	0.469	0.501	0.58	0.699	0.831	0.94	0.996	0.981	0.893	0.75	77	0.312
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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	191	1	257	0.467	323	1													
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
85182	0.35	0.29	0.23	0.17	0.14	0.1	0.09	0.13	0.18	0.22	0.22	0.18	0.13	0.09	0.1	0.14	0.17	0.23	0.29
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.35	0.41	0.47	0.56	0.68	0.78	0.87	0.95	1	0.99	0.95	0.87	0.78	0.68	0.56	0.47	0.41		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
93177	0.389	0.362	0.391	0.479	0.605	0.743	0.868	0.961	1	0.971	0.91	0.847	0.795	0.763	0.761	0.778	0.781	0.776	0.761
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.756	0.795	0.855	0.919	0.97	1	0.964	0.881	0.768	0.638	0.508	0.399	0.359	0.381	0.424	0.441	0.429		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
87498	0.95	0.997	0.981	0.907	0.812	0.725	0.658	0.623	0.626	0.658	0.706	0.765	0.831	0.89	0.933	0.961	0.973	0.973	0.968
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.967	0.973	0.984	0.995	0.999	0.989	0.961	0.916	0.857	0.795	0.742	0.669	0.672	0.675	0.715	0.783	0.868	12	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
16834	1	0.989	0.956	0.907	0.848	0.785	0.723	0.667	0.612	0.554	0.489	0.413	0.328	0.247	0.2	0.214	0.262	0.306	0.322
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.306	0.262	0.214	0.2	0.247	0.328	0.413	0.489	0.554	0.612	0.667	0.723	0.785	0.848	0.907	0.956	0.989		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
39305	0.963	0.985	0.992	0.987	0.966	0.938	0.935	0.963	0.989	0.994	0.987	0.974	0.921	0.811	0.695	0.604	0.504	0.363	0.235

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	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.19	0.195	0.193	0.228	0.348	0.495	0.602	0.691	0.803	0.917	0.979	0.993	0.999	0.996	0.972	0.941	0.937		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
65123	0.94	0.973	0.992	1	0.999	0.993	0.986	0.979	0.975	0.974	0.975	0.979	0.986	0.993	0.999	1	0.992	0.973	0.94
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.893	0.835	0.77	0.704	0.644	0.596	0.562	0.543	0.536	0.543	0.562	0.596	0.644	0.704	0.77	0.835	0.893		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
95989	0.925	0.905	0.881	0.856	0.833	0.817	0.811	0.814	0.825	0.839	0.851	0.856	0.852	0.835	0.806	0.768	0.726	0.687	0.656
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.64	0.64	0.659	0.696	0.745	0.802	0.857	0.907	0.946	0.975	0.992	1	0.998	0.989	0.976	0.96	0.943		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
71769	0.869	0.914	0.951	0.975	0.993	1	0.996	0.981	0.955	0.92	0.876	0.826	0.771	0.714	0.661	0.615	0.583	0.569	0.571
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.586	0.607	0.627	0.64	0.645	0.641	0.631	0.613	0.592	0.579	0.57	0.579	0.61	0.65	0.699	0.759	0.817		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
85421	0.917	0.936	0.963	0.988	1	0.987	0.94	0.854	0.733	0.588	0.437	0.302	0.218	0.207	0.232	0.245	0.232	0.207	0.218
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.302	0.437	0.588	0.733	0.854	0.94	0.987	1	0.988	0.963	0.936	0.917	0.905	0.9	0.899	0.9	0.905		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
38420	1	0.994	0.978	0.951	0.915	0.871	0.82	0.767	0.715	0.668	0.631	0.609	0.602	0.608	0.615	0.623	0.642	0.659	0.672
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.676	0.659	0.642	0.623	0.608	0.602	0.609	0.631	0.668	0.715	0.767	0.82	0.871	0.915	0.951	0.978	0.994		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
90453	0.478	0.648	0.812	0.936	0.995	0.981	0.902	0.779	0.648	0.543	0.482	0.467	0.49	0.56	0.673	0.805	0.992	0.99	0.989
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.916	0.782	0.613	0.447	0.311	0.229	0.203	0.222	0.263	0.299	0.311	0.293	0.255	0.215	0.203	0.24	0.355		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
23503	1	0.99	0.99	0.97	0.94	0.91	0.85	0.78	0.73	0.68	0.66	0.65	0.65	0.66	0.68	0.69	0.7	0.71	0.72
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.7	0.69	0.67	0.65	0.64	0.64	0.65	0.66	0.69	0.74	0.79	0.85	0.89	0.93	0.96	0.98	0.99		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
106518	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
77042	0.659	0.627	0.601	0.599	0.609	0.63	0.66	0.687	0.699	0.709	0.699	0.687	0.66	0.63	0.609	0.599	0.6	0.627	0.659
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1

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	0.709	0.759	0.819	0.879	0.927	0.95	0.969	0.987	1	0.987	0.969	0.95	0.927	0.879	0.827	0.76	0.709		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
68879	0.813	0.901	0.973	1	0.973	0.901	0.813	0.744	0.715	0.724	0.753	0.784	0.806	0.805	0.768	0.686	0.56	0.408	0.272
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.221	0.252	0.275	0.252	0.221	0.272	0.408	0.56	0.686	0.768	0.805	0.806	0.784	0.753	0.724	0.715	0.744	82	0.714
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	125	0.809	295	0.809	338	0.714													
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
105406	1	0.99	0.97	0.95	0.93	0.88	0.83	0.76	0.71	0.66	0.63	0.6	0.6	0.61	0.63	0.66	0.69	0.7	0.71
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.7	0.69	0.66	0.63	0.61	0.6	0.6	0.63	0.66	0.71	0.76	0.83	0.88	0.93	0.95	0.97	0.99		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
106329	1	0.99	0.97	0.95	0.93	0.88	0.83	0.76	0.71	0.66	0.63	0.6	0.6	0.61	0.63	0.66	0.69	0.7	0.71
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.7	0.69	0.66	0.63	0.61	0.6	0.6	0.63	0.66	0.71	0.76	0.83	0.88	0.93	0.95	0.97	0.99		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
91152	0.905	0.9	0.899	0.9	0.905	0.917	0.936	0.963	0.988	1	0.987	0.94	0.854	0.733	0.588	0.437	0.302	0.218	0.207
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.232	0.245	0.232	0.207	0.218	0.302	0.437	0.588	0.733	0.854	0.94	0.987	1	0.988	0.963	0.936	0.917		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
77055	0.38	0.16	0.24	0.405	0.55	0.64	0.62	0.52	0.4	0.385	0.43	0.515	0.6	0.62	0.56	0.45	0.36	0.37	0.41
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.395	0.31	0.21	0.19	0.28	0.435	0.57	0.65	0.67	0.67	0.69	0.765	0.79	0.99	1	0.9	0.69		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
87577	0.728	0.738	0.777	0.835	0.898	0.954	0.992	1	0.973	0.918	0.832	0.716	0.584	0.446	0.326	0.259	0.25	0.289	0.305
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.289	0.25	0.259	0.326	0.446	0.584	0.716	0.832	0.918	0.973	1	0.992	0.954	0.898	0.835	0.777	0.738		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
96420	0.71	0.53	0.38	0.28	0.24	0.28	0.38	0.53	0.71	0.87	0.97	0.99	0.94	0.82	0.66	0.47	0.31	0.2	0.18
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.18	0.18	0.19	0.19	0.19	0.18	0.18	0.15	0.2	0.31	0.47	0.66	0.82	0.94	0.99	0.97	0.87	106	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	108	1	332	1	334	1													
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
23503	1	0.99	0.99	0.97	0.94	0.91	0.85	0.78	0.73	0.68	0.66	0.65	0.65	0.66	0.68	0.69	0.7	0.71	0.72
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.7	0.69	0.67	0.65	0.64	0.64	0.65	0.66	0.69	0.74	0.79	0.85	0.89	0.93	0.96	0.98	0.99		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
44581	0.485	0.408	0.36	0.331	0.305	0.272	0.238	0.226	0.262	0.335	0.413	0.469	0.49	0.469	0.413	0.335	0.262	0.226	0.238
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.272	0.305	0.331	0.36	0.408	0.485	0.588	0.704	0.818	0.914	0.978	1	0.978	0.914	0.818	0.704	0.588		

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	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
71037	0.085	0.136	0.147	0.136	0.085	0.067	0.146	0.293	0.428	0.529	0.624	0.725	0.815	0.886	0.946	0.988	1	1	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	1	1	1	1	1	1	0.988	0.946	0.886	0.815	0.725	0.624	0.529	0.428	0.293	0.146	0.067		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
46306	0.258	0.286	0.374	0.468	0.529	0.535	0.474	0.441	0.49	0.57	0.588	0.518	0.408	0.332	0.327	0.36	0.374	0.372	0.326
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.26	0.206	0.277	0.474	0.678	0.842	0.92	0.936	0.936	0.968	0.999	0.973	0.874	0.71	0.531	0.38	0.285	294	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
46137	0.415	0.302	0.296	0.351	0.393	0.393	0.351	0.296	0.302	0.415	0.589	0.767	0.91	0.989	0.989	0.91	0.767	0.589	0.415
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.302	0.296	0.351	0.393	0.393	0.351	0.296	0.302	0.415	0.589	0.767	0.91	0.989	0.989	0.91	0.767	0.589	15	0.285
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	75	0.285	135	1	225	0.4	315	1											
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
90452	0.278	0.208	0.137	0.069	0.056	0.057	0.061	0.109	0.181	0.269	0.373	0.489	0.611	0.736	0.855	0.951	0.988	0.94	0.809
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.627	0.451	0.337	0.298	0.302	0.344	0.454	0.62	0.801	0.942	1	0.967	0.871	0.745	0.614	0.484	0.369		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180

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120858	1	0.96	0.81	0.61	0.45	0.35	0.26	0.2	0.2	0.21	0.22	0.22	0.21	0.2	0.2	0.24	0.3	0.425	0.6
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.78	0.94	1	0.96	0.85	0.65	0.41	0.4	0.4	0.37	0.38	0.4	0.4	0.43	0.65	0.875	0.98		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
87397	0.91	0.98	1	0.98	0.91	0.82	0.75	0.7	0.71	0.75	0.78	0.8	0.78	0.75	0.71	0.7	0.74	0.82	0.91
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.98	1	0.98	0.91	0.82	0.75	0.7	0.71	0.75	0.78	0.8	0.78	0.75	0.71	0.7	0.75	0.82		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
105364	0.877	0.965	1	0.958	0.844	0.657	0.456	0.316	0.258	0.258	0.316	0.457	0.657	0.844	0.958	1	0.965	0.877	0.741
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.589	0.45	0.334	0.246	0.194	0.169	0.154	0.142	0.141	0.154	0.169	0.194	0.247	0.334	0.449	0.589	0.741		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
105876	1	0.989	0.949	0.895	0.832	0.767	0.698	0.626	0.556	0.49	0.425	0.358	0.287	0.212	0.141	0.101	0.1	0.122	0.132
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.122	0.1	0.101	0.141	0.212	0.287	0.358	0.425	0.49	0.556	0.626	0.698	0.767	0.832	0.895	0.949	0.985		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
102429	0.994	0.993	0.974	0.951	0.937	0.939	0.947	0.947	0.939	0.937	0.951	0.974	0.993	0.994	0.965	0.906	0.828	0.741	0.655
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.567	0.466	0.342	0.21	0.13	0.112	0.111	0.13	0.21	0.342	0.466	0.566	0.654	0.741	0.827	0.906	0.965	5	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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	125	1																	
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
19178	1	0.99	0.97	0.95	0.91	0.86	0.8	0.72	0.64	0.55	0.48	0.42	0.38	0.38	0.41	0.45	0.48	0.52	0.53
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.53	0.5	0.47	0.44	0.4	0.4	0.44	0.51	0.59	0.67	0.75	0.82	0.88	0.93	0.95	0.98	0.99		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
93001	0.925	0.93	0.949	0.955	0.96	0.955	0.95	0.935	0.92	0.94	0.975	0.998	1	0.98	0.939	0.859	0.739	0.575	0.4
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.276	0.241	0.275	0.299	0.275	0.241	0.276	0.401	0.58	0.74	0.855	0.93	0.977	0.998	0.994	0.97	0.94		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
39111	0.925	0.93	0.949	0.955	0.96	0.955	0.95	0.935	0.92	0.94	0.975	0.998	1	0.98	0.939	0.859	0.739	0.575	0.4
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.276	0.241	0.275	0.299	0.275	0.241	0.276	0.401	0.58	0.74	0.855	0.93	0.977	0.998	0.994	0.97	0.94		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
30593	0.236	0.36	0.547	0.738	0.893	0.983	0.991	0.916	0.773	0.586	0.394	0.252	0.223	0.277	0.323	0.328	0.288	0.23	0.236
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.36	0.547	0.738	0.893	0.983	0.991	0.916	0.773	0.586	0.394	0.252	0.223	0.277	0.323	0.328	0.288	0.23		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
39998	0.357	0.232	0.192	0.196	0.192	0.232	0.357	0.501	0.605	0.695	0.809	0.922	0.979	0.993	0.999	0.995	0.97	0.941	0.94

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	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.967	0.989	0.995	0.989	0.967	0.94	0.941	0.97	0.995	0.999	0.993	0.979	0.922	0.809	0.695	0.605	0.501		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
89118	0.183	0.185	0.193	0.2	0.185	0.278	0.387	0.516	0.629	0.747	0.887	0.977	1	0.965	0.929	0.917	0.95	0.95	0.917
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.929	0.965	1	0.977	0.887	0.747	0.629	0.516	0.387	0.278	0.185	0.2	0.193	0.186	0.183	0.19	0.19		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
85183	0.2	0.18	0.21	0.25	0.33	0.47	0.64	0.79	0.9	0.99	1	0.95	0.8	0.64	0.53	0.49	0.53	0.64	0.8
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.95	1	0.99	0.9	0.79	0.64	0.47	0.33	0.25	0.21	0.18	0.2	0.27	0.33	0.35	0.33	0.27		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
105186	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
105125	1	1	0.98	0.95	0.91	0.82	0.82	0.76	0.71	0.66	0.63	0.63	0.6	0.6	0.62	0.64	0.66	0.66	0.67
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.67	0.66	0.64	0.62	0.61	0.6	0.61	0.63	0.66	0.71	0.74	0.82	0.87	0.91	0.95	0.98	1		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

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ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
104158	0.745	0.669	0.594	0.527	0.474	0.439	0.42	0.414	0.42	0.439	0.474	0.527	0.594	0.669	0.745	0.816	0.876	0.922	0.954
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.975	0.987	0.994	0.997	0.999	1	1	1	0.999	0.997	0.994	0.987	0.975	0.954	0.922	0.875	0.816		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
87289	0.85	0.79	0.74	0.69	0.65	0.62	0.6	0.6	0.62	0.63	0.65	0.67	0.67	0.67	0.67	0.65	0.63	0.62	0.6
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.6	0.62	0.65	0.69	0.74	0.79	0.85	0.89	0.94	0.97	0.99	1	1	0.99	0.97	0.94	0.89		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
89446	1	0.972	0.906	0.815	0.713	0.611	0.517	0.435	0.368	0.316	0.269	0.221	0.168	0.12	0.094	0.104	0.147	0.202	0.236
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.202	0.147	0.104	0.094	0.12	0.168	0.221	0.269	0.316	0.368	0.435	0.517	0.611	0.713	0.815	0.906	0.972		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
20071	1	0.967	0.872	0.729	0.556	0.378	0.218	0.094	0.021	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.021	0.094	0.218	0.378	0.556	0.729	0.872	0.967		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
87838	0.939	0.917	0.893	0.86	0.812	0.741	0.647	0.533	0.417	0.335	0.323	0.372	0.432	0.47	0.47	0.432	0.372	0.323	0.335
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1

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	0.417	0.533	0.647	0.741	0.812	0.86	0.893	0.917	0.939	0.959	0.977	0.991	0.999	0.999	0.991	0.977	0.959	315	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
106327	0.9	0.9	0.92	0.94	0.96	0.98	0.98	1	0.98	0.94	0.86	0.76	0.62	0.5	0.4	0.3	0.24	0.26	0.26
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.26	0.24	0.3	0.4	0.5	0.62	0.76	0.86	0.94	0.98	1	0.98	0.98	0.96	0.94	0.92	0.9		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
1000654	1	0.985	0.951	0.925	0.929	0.959	0.99	0.997	0.975	0.922	0.845	0.758	0.68	0.605	0.51	0.397	0.302	0.253	0.241
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.253	0.302	0.397	0.51	0.605	0.68	0.758	0.845	0.922	0.975	0.997	0.99	0.959	0.929	0.925	0.951	0.985		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
41078	0.953	0.928	0.894	0.848	0.79	0.715	0.626	0.527	0.425	0.341	0.299	0.313	0.36	0.402	0.418	0.398	0.351	0.294	0.273
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.317	0.416	0.529	0.637	0.732	0.809	0.867	0.911	0.941	0.965	0.981	0.993	0.999	0.999	0.992	0.983	0.97	315	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
87399	0.942	0.911	0.869	0.814	0.743	0.657	0.559	0.46	0.379	0.339	0.354	0.399	0.445	0.473	0.473	0.445	0.399	0.354	0.339
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.379	0.46	0.559	0.657	0.743	0.814	0.869	0.911	0.942	0.965	0.982	0.993	1	1	0.993	0.982	0.965		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									

U.S. Directional Antenna Tabulation

ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
59285	0.844	0.905	0.854	0.735	0.745	0.894	0.895	0.742	0.74	0.897	0.969	0.911	0.764	0.765	0.923	0.931	0.77	0.756	0.899
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.968	0.928	0.765	0.667	0.804	0.909	0.855	0.861	0.963	0.999	0.946	0.857	0.859	0.883	0.751	0.581	0.669		
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
ID	az0	az10	az20	az30	az40	az50	az60	az70	az80	az90	az100	az110	az120	az130	az140	az150	az160	az170	az180
38452	0.858	0.784	0.855	0.917	0.866	0.814	0.877	0.983	0.98	0.858	0.784	0.855	0.917	0.893	0.822	0.713	0.575	0.423	0.273
	az190	az200	az210	az220	az230	az240	az250	az260	az270	az280	az290	az300	az310	az320	az330	az340	az350	av1	fv1
	0.14	0.043	0.001	0.043	0.14	0.273	0.423	0.575	0.713	0.822	0.893	0.917	0.866	0.814	0.877	0.983	0.98	75	1
	av2	fv2	av3	fv3	av4	fv4	av5	fv5	av6	fv6									
	345	1																	