

Exhibit 12.1
USGS Topographic
Map of Proposed Site

Proposed Site
43°13'04" NL
72°22'10" WL
(NAD 1927)


MUNN-REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036
1(517)278-7339



43°13'38"N
72°23'5"W Map Extent 72°21'11"W
43°12'30"N



Geographic Coordinate System (WGS84)

Exhibit 12.2

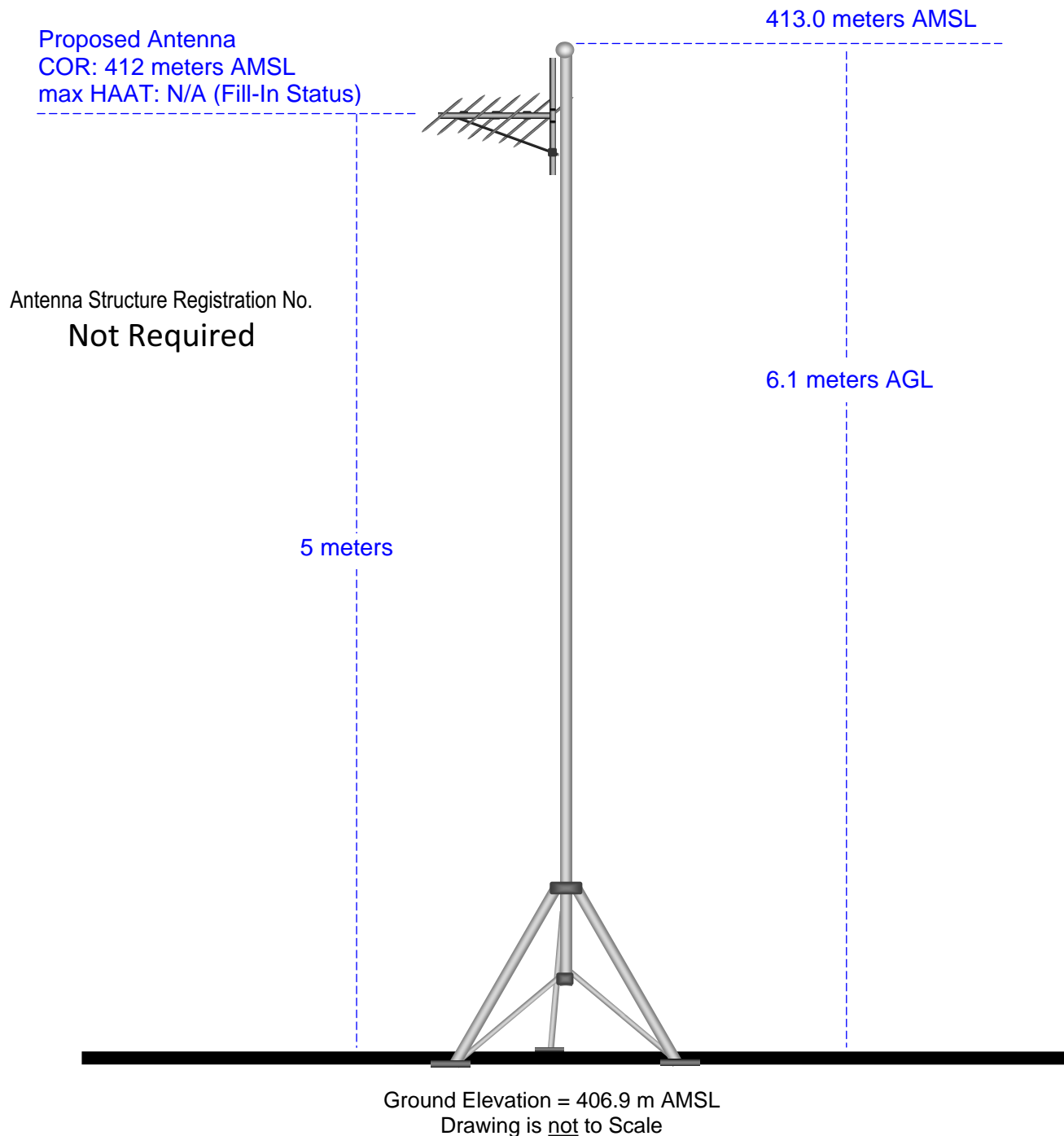
Vertical Plan of Antenna System

The site is located at 906 S. Hemlock Road,
the city of Claremont, Sullivan County, New Hampshire.

Site Location (NAD 27)

NL: 43° 13' 04"

WL: 72° 22' 10"



MUNN-REESE, INC.

Broadcast Engineering Consultants
Coldwater, MI 49036

Exhibit 12.3 Present vs Proposed Service Contour Study

W256BJ.L
BLFT-20090309ACA
Latitude: 43-13-04 N
Longitude: 072-22-10 W
ERP: 0.015 kW
Channel: 256
Frequency: 99.1 MHz
AMSL Height: 412.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model:

60 dBu Contour
Total Population: 5,304
Total Area: 171.23 sq. km

W256BJ.P
Proposed Operation
Latitude: 43-13-04 N
Longitude: 072-22-10 W
ERP: 0.09 kW
Channel: 256
Frequency: 99.1 MHz
AMSL Height: 412.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model:

60 dBu Contour
Total Population: 7,282
Total Area: 129.97 sq. km



Present 60 dBu Contour

Proposed 60 dBu Contour

W256BJ.L
W256BJ.P

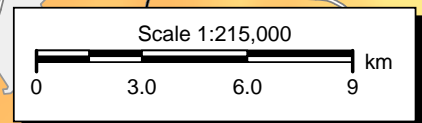


Exhibit 12.4 Proposed vs Primary Service Contour Study

WKNE.L
BMLH20070212AAW
Latitude: 43-02-00 N
Longitude: 072-22-04 W
ERP: 12.00 kW
Channel: 279
Frequency: 103.7 MHz
AMSL Height: 576.0 m
Elevation: 463.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model:

W256BJ.P
Proposed Operation
Latitude: 43-13-04 N
Longitude: 072-22-10 W
ERP: 0.09 kW
Channel: 256
Frequency: 99.1 MHz
AMSL Height: 412.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model:

Terrain
6 1156 m

Primary 54 dBu f(50:50) Contour

Proposed 60 dBu f(50:50) Contour

Proposed 34 dBu f(50:10) Contour

Clarendon

Sullivan

W256BJ.P

WKNE.L

Bennington

Windham

Cheshire

Hillsborough

Rensselaer

Albany

Franklin

Scale 1:750,000

0 10.0 20.0 30 km



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Exhibit 12.5

Tabulation of Proposed Allocation

Saga Communications Of New England, Inc.

REFERENCE		CH# 256D - 99.1 MHz, Pwr= 0.09 kW, HAAT= 118.2 M, COR= 412 M								DISPLAY DATES	
43 13 04.0 N.		Average Protected F(50-50)= 5.49 km								DATA 03-14-09	
72 22 10.0 W.		Standard Directional								SEARCH 03-19-09	
CH	CALL	TYPE	ANT	AZI	DIST	LAT	PWR(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG	HAAT(M)	COR(M)	LICENSEE	(Overlap in km)	
256A	WNNH	LIC	ZC_	90.2	55.3	43 12 49.0	2.800	78.1	25.8	-23.5*<	27.8
Henniker		NH		270.7	BLH19991213ABB	71 41 19.0	146	310	Nassau Broadcasting Iii, L		
257A	WFRD	LIC	NCX	7.0	48.8	43 39 14.0	6.000	48.8	32.0	-4.4<	10.4
Hanover		NH		187.0	BLH20061031ACI	72 17 44.2	100	374	Trustees Of Dartmouth Coll		
254A	WINQ	CP	_CX	174.7	33.7	42 54 57.0	2.150	2.4	27.3	21.9	5.9
Winchester		NH		354.8	BPH20081015ABJ	72 19 53.0	169	432	Saga Communications Of New		
259A	WNTK-FM	LIC	ZCX	46.5	37.3	43 26 52.0	1.450	2.3	31.2	33.0	6.1
New London		NH		226.8	BLH20011114ABD	72 02 04.0	206	582	Sheila E. Vinikoor		
254A	WINQ	LIC	_CN	174.5	33.7	42 54 57.0	1.750	2.3	26.9	22.1	6.3
Winchester		NH		354.6	BLH19950630KD	72 19 48.0	187	438	Saga Communications Of New		
Reclassified to Class A under new USA-Canada FM Agreement 7-9-97											
259D	WNTK-FM1	CP	_V_	11.6	17.1	43 22 08.0	0.055	0.5	4.8	13.2	12.2
Claremont		NH		191.6	BNPFTB20081120ABS	72 19 37.0		170	Sheila E. Vinikoor		
257A	WLZX	LIC	_C_	194.9	97.0	42 22 25.0	5.800	52.1	34.8	30.1	39.7
Northampton		MA		14.7	BLH20000112ABC	72 40 26.0	101	268	Saga Communications Of New		
7/20/00: A internationally pursuant to IB's 12 July 2000 letter.											
259D	W259AB	LIC	_HN	220.6	53.3	42 51 12.0	0.006	0.2	9.5	40.9	43.2
Marlboro, Etc.		VT		40.3	BLFT19930126TE	72 47 40.0	187	687	Friends Of Whaz		
Translator for WWAY, Willmington, VT-Horizontal Polarization Only											
258B	WCRB	LIC	_CN	123.4	113.0	42 39 14.0	27.000	5.5	62.8	106.8	50.2
Lowell		MA		304.2	BLH19990310KE	71 13 02.0	199	238	Nassau Broadcasting Ii, L.		
255A	AL6125	VAC	___	223.5	91.3	42 37 12.0	6.000	28.4	19.3	50.9	54.5
Adams		MA		43.0	RM11076	73 08 12.0	100	594	Dana J. Puopolo		
drop in											
256A	WNYN-FM	LIC	ZCX	21.7	136.0	44 21 10.0	0.460	77.5	26.5	54.3	96.2
Whitefield		NH		202.1	BLH20070312AAL	71 44 15.0	346	701	White Park Broadcasting, I		
256B	WPLM-FM	LIC	_CN	134.9	195.1	41 58 02.0	50.000	136.3	63.6	57.0	123.9
Plymouth		MA		316.1	BLH7410	70 42 04.0	131	159	Plymouth Rock Broadcasting		

Terrain database is NGDC 30 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
 Contour distances are on direct line to and from reference station. Reference zone = 1, Co to 3rd adjacent.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 "**affixed to 'IN' or 'OUT' values = site inside protected contour.
 "<" = Contour Overlap

Exhibit 12.6 - Tabulation of Proposed Directional Antenna (actual antenna rotated 200°T)



HDCA-5 FM YAGI ANTENNA 7.5 dBd gain 88 to 108 MHz

The Kathrein-Scala HDCA-5 is a ruggedly built yagi antenna, designed for professional FM transmit and receive applications.

Like all Kathrein-Scala antennas, the HDCA-5 is made of the finest materials resulting in superior performance and long service life.

The HDCA-5 may be used stand-alone or in stacked arrays for higher gain, increased side-lobe suppression, or custom azimuth patterns.



HDCA-5/HRM
Horizontally polarized

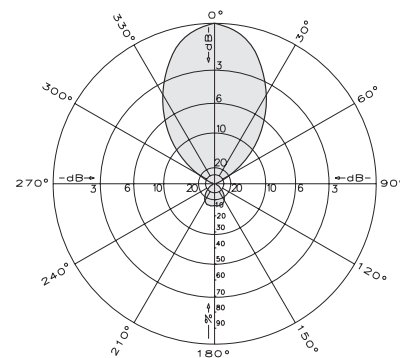
Specifications:

Frequency range	Any specified FM channel 88 to 108 MHz
Gain	7.5 dBd
Impedance	75 ohms (50 ohms with optional transformer)
VSWR	< 1.5:1
Polarization	Horizontal
Front-to-back ratio	>14 dB
Maximum input power	250 watts, type "N" 75 ohm termination
Azimuth pattern	52 degrees (half-power)
Elevation pattern	68 degrees (half-power)
Connector	75Ω N female
Weight	21 lb (9.5 kg)
Dimensions	72.2 x 69.3 x 28.8 inches maximum (1834 x 1760 x 732 mm)
Equivalent flat plate area	2.88 ft ² (0.268 m ²) maximum
Wind survival rating*	120 mph (200 kph)
Shipping dimensions	78 x 6 x 5 inches (1981 x 153 x 127 mm)
Shipping weight	23 lb (10.4 kg)
Mounting	For masts of 2.375 inches (60 mm) OD.
HDCA-5/HCM	Horizontal polarization center-mount
HDCA-5/HRM	Horizontal polarization rear-mount

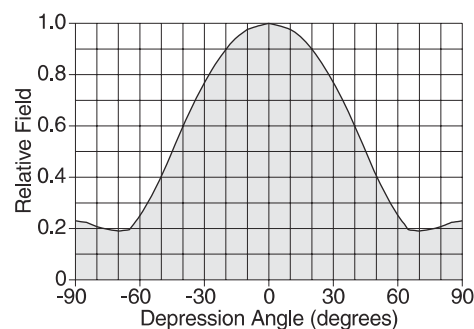
*Mechanical design is based on environmental conditions as stipulated in EIA-222-F (June 1996) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. See the Engineering Section of the catalog for further details.

Order Information:

Contact Scala Customer Service for detailed order information.



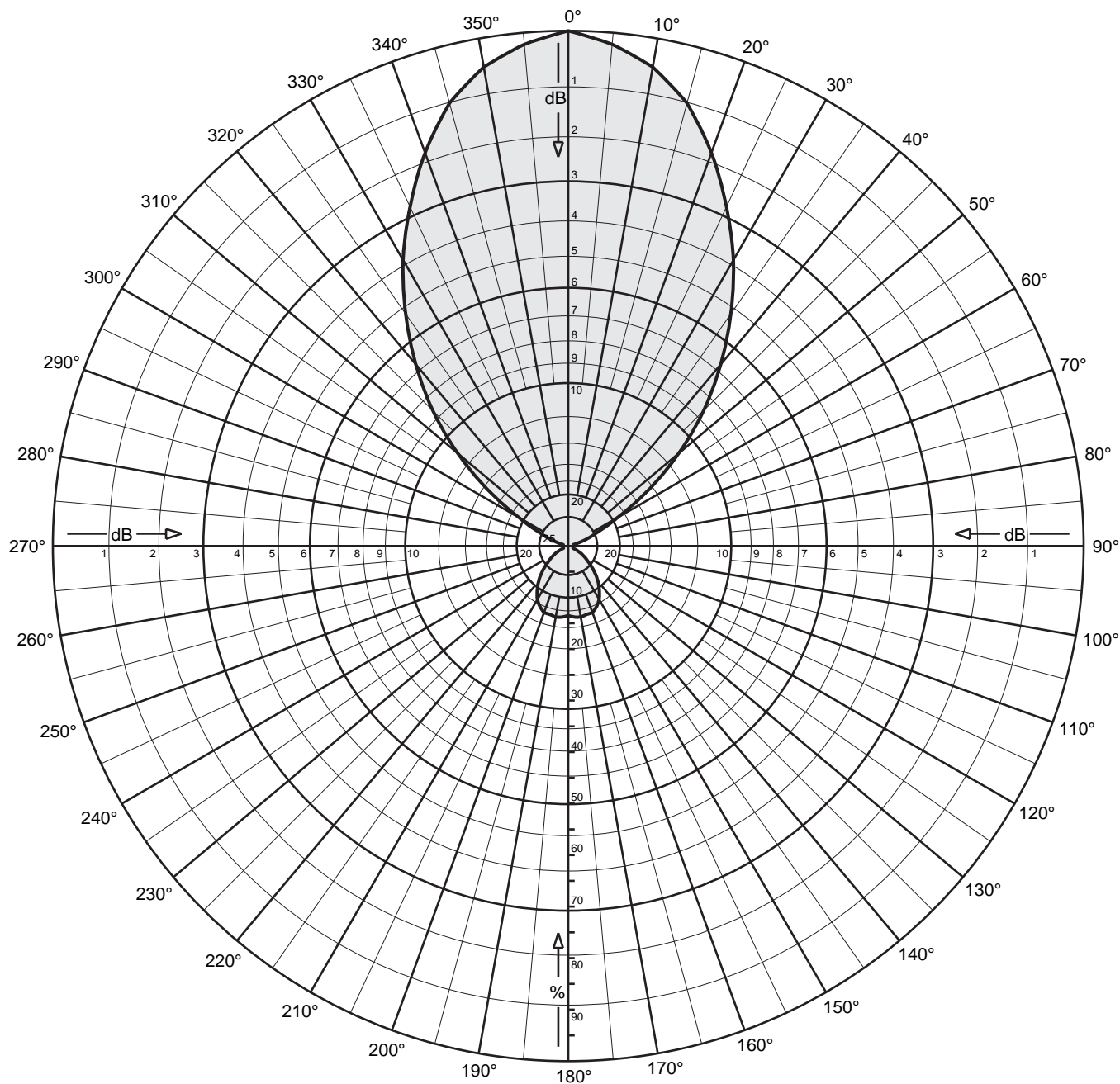
Azimuth pattern (E-plane - typical)



Elevation pattern (H-plane)



Exhibit 12.6 - Tabulation of Proposed Directional Antenna (actual antenna rotated 200°T)



HDCA-5 Yagi

FM

Maximum gain: 7.5 dBd

Horizontal polarization

Horizontal radiation pattern

0 degree electrical downtilt



Exhibit 12.6 - Tabulation of Proposed Directional Antenna (actual antenna rotated 200°T)



HDCA-5 Yagi

FM

Maximum gain: 7.5 dBd

Horizontal polarization

Horizontal radiation pattern

0 degree electrical downtilt

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	1.000	0.00	7.50	5.62	45	0.372	-8.60	-1.10	0.78
1	0.995	-0.04	7.46	5.57	46	0.353	-9.04	-1.54	0.70
2	0.991	-0.08	7.42	5.52	47	0.335	-9.50	-2.00	0.63
3	0.987	-0.12	7.38	5.47	48	0.317	-9.99	-2.49	0.56
4	0.982	-0.16	7.34	5.42	49	0.299	-10.50	-3.00	0.50
5	0.978	-0.20	7.30	5.37	50	0.280	-11.06	-3.56	0.44
6	0.971	-0.26	7.24	5.30	51	0.262	-11.63	-4.13	0.39
7	0.964	-0.32	7.18	5.23	52	0.244	-12.25	-4.75	0.33
8	0.957	-0.38	7.12	5.16	53	0.226	-12.92	-5.42	0.29
9	0.951	-0.44	7.06	5.08	54	0.208	-13.64	-6.14	0.24
10	0.944	-0.50	7.00	5.01	55	0.190	-14.42	-6.92	0.20
11	0.933	-0.60	6.90	4.90	56	0.174	-15.19	-7.69	0.17
12	0.923	-0.70	6.80	4.79	57	0.158	-16.03	-8.53	0.14
13	0.911	-0.80	6.70	4.67	58	0.142	-16.95	-9.45	0.11
14	0.901	-0.91	6.59	4.57	59	0.126	-17.99	-10.49	0.09
15	0.890	-1.01	6.49	4.45	60	0.110	-19.17	-11.67	0.07
16	0.874	-1.16	6.34	4.30	61	0.100	-20.00	-12.50	0.06
17	0.859	-1.32	6.18	4.15	62	0.090	-20.92	-13.42	0.05
18	0.844	-1.48	6.02	4.00	63	0.080	-21.94	-14.44	0.04
19	0.828	-1.64	5.86	3.86	64	0.070	-23.10	-15.60	0.03
20	0.812	-1.80	5.70	3.71	65	0.060	-24.44	-16.94	0.02
21	0.796	-1.99	5.51	3.56	66	0.055	-25.19	-17.69	0.02
22	0.778	-2.18	5.32	3.40	67	0.050	-26.02	-18.52	0.01
23	0.761	-2.37	5.13	3.26	68	0.045	-26.94	-19.44	0.01
24	0.743	-2.57	4.93	3.11	69	0.040	-27.96	-20.46	0.01
25	0.727	-2.78	4.72	2.97	70	0.035	-29.12	-21.62	0.01
26	0.709	-2.99	4.51	2.83	71	0.030	-30.46	-22.96	0.01
27	0.692	-3.19	4.31	2.70	72	0.025	-32.04	-24.54	0.00
28	0.675	-3.41	4.09	2.56	73	0.020	-33.98	-26.48	0.00
29	0.658	-3.63	3.87	2.44	74	0.015	-36.48	-28.98	0.00
30	0.641	-3.86	3.64	2.31	75	0.010	-40.00	-32.50	0.00
31	0.623	-4.11	3.39	2.18	76	0.010	-40.00	-32.50	0.00
32	0.604	-4.37	3.13	2.05	77	0.010	-40.00	-32.50	0.00
33	0.586	-4.63	2.87	1.93	78	0.010	-40.00	-32.50	0.00
34	0.568	-4.91	2.59	1.81	79	0.010	-40.00	-32.50	0.00
35	0.550	-5.19	2.31	1.70	80	0.010	-40.00	-32.50	0.00
36	0.532	-5.48	2.02	1.59	81	0.010	-40.00	-32.50	0.00
37	0.514	-5.78	1.72	1.49	82	0.010	-40.00	-32.50	0.00
38	0.496	-6.09	1.41	1.38	83	0.010	-40.00	-32.50	0.00
39	0.478	-6.41	1.09	1.28	84	0.010	-40.00	-32.50	0.00
40	0.460	-6.74	0.76	1.19	85	0.010	-40.00	-32.50	0.00
41	0.442	-7.08	0.42	1.10	86	0.010	-40.00	-32.50	0.00
42	0.425	-7.44	0.06	1.01	87	0.010	-40.00	-32.50	0.00
43	0.407	-7.81	-0.31	0.93	88	0.010	-40.00	-32.50	0.00
44	0.389	-8.20	-0.70	0.85	89	0.010	-40.00	-32.50	0.00

Exhibit 12.6 - Tabulation of Proposed Directional Antenna (actual antenna rotated 200°T)



HDCA-5 Yagi

FM

Maximum gain: 7.5 dBd

Horizontal polarization

Horizontal radiation pattern

0 degree electrical downtilt

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
90	0.010	-40.00	-32.50	0.00	135	0.072	-22.79	-15.29	0.03
91	0.010	-40.00	-32.50	0.00	136	0.076	-22.38	-14.88	0.03
92	0.010	-40.00	-32.50	0.00	137	0.079	-21.99	-14.49	0.04
93	0.010	-40.00	-32.50	0.00	138	0.083	-21.62	-14.12	0.04
94	0.010	-40.00	-32.50	0.00	139	0.086	-21.26	-13.76	0.04
95	0.010	-40.00	-32.50	0.00	140	0.090	-20.92	-13.42	0.05
96	0.010	-40.00	-32.50	0.00	141	0.093	-20.63	-13.13	0.05
97	0.010	-40.00	-32.50	0.00	142	0.096	-20.35	-12.85	0.05
98	0.010	-40.00	-32.50	0.00	143	0.099	-20.09	-12.59	0.06
99	0.010	-40.00	-32.50	0.00	144	0.102	-19.83	-12.33	0.06
100	0.010	-40.00	-32.50	0.00	145	0.105	-19.58	-12.08	0.06
101	0.010	-40.00	-32.50	0.00	146	0.108	-19.33	-11.83	0.07
102	0.010	-40.00	-32.50	0.00	147	0.111	-19.09	-11.59	0.07
103	0.010	-40.00	-32.50	0.00	148	0.114	-18.86	-11.36	0.07
104	0.010	-40.00	-32.50	0.00	149	0.117	-18.64	-11.14	0.08
105	0.010	-40.00	-32.50	0.00	150	0.120	-18.42	-10.92	0.08
106	0.010	-40.00	-32.50	0.00	151	0.122	-18.27	-10.77	0.08
107	0.010	-40.00	-32.50	0.00	152	0.124	-18.13	-10.63	0.09
108	0.010	-40.00	-32.50	0.00	153	0.126	-17.99	-10.49	0.09
109	0.010	-40.00	-32.50	0.00	154	0.128	-17.86	-10.36	0.09
110	0.010	-40.00	-32.50	0.00	155	0.130	-17.72	-10.22	0.10
111	0.010	-40.00	-32.50	0.00	156	0.132	-17.62	-10.12	0.10
112	0.010	-40.00	-32.50	0.00	157	0.133	-17.52	-10.02	0.10
113	0.010	-40.00	-32.50	0.00	158	0.134	-17.43	-9.93	0.10
114	0.010	-40.00	-32.50	0.00	159	0.136	-17.33	-9.83	0.10
115	0.010	-40.00	-32.50	0.00	160	0.138	-17.23	-9.73	0.11
116	0.014	-37.08	-29.58	0.00	161	0.138	-17.23	-9.73	0.11
117	0.018	-34.89	-27.39	0.00	162	0.138	-17.23	-9.73	0.11
118	0.022	-33.15	-25.65	0.00	163	0.138	-17.23	-9.73	0.11
119	0.026	-31.70	-24.20	0.00	164	0.138	-17.23	-9.73	0.11
120	0.030	-30.46	-22.96	0.01	165	0.138	-17.23	-9.73	0.11
121	0.032	-29.90	-22.40	0.01	166	0.138	-17.20	-9.70	0.11
122	0.034	-29.37	-21.87	0.01	167	0.139	-17.17	-9.67	0.11
123	0.036	-28.87	-21.37	0.01	168	0.139	-17.14	-9.64	0.11
124	0.038	-28.40	-20.90	0.01	169	0.139	-17.11	-9.61	0.11
125	0.040	-27.96	-20.46	0.01	170	0.140	-17.08	-9.58	0.11
126	0.043	-27.33	-19.83	0.01	171	0.139	-17.11	-9.61	0.11
127	0.046	-26.74	-19.24	0.01	172	0.139	-17.11	-9.61	0.11
128	0.049	-26.20	-18.70	0.01	173	0.139	-17.14	-9.64	0.11
129	0.052	-25.68	-18.18	0.02	174	0.139	-17.14	-9.64	0.11
130	0.055	-25.19	-17.69	0.02	175	0.139	-17.17	-9.67	0.11
131	0.058	-24.66	-17.16	0.02	176	0.138	-17.20	-9.70	0.11
132	0.062	-24.15	-16.65	0.02	177	0.137	-17.27	-9.77	0.11
133	0.065	-23.68	-16.18	0.02	178	0.137	-17.30	-9.80	0.10
134	0.069	-23.22	-15.72	0.03	179	0.135	-17.36	-9.86	0.10

Exhibit 12.6 - Tabulation of Proposed Directional Antenna (actual antenna rotated 200°T)



HDCA-5 Yagi

FM

Maximum gain: 7.5 dBd

Horizontal polarization

Horizontal radiation pattern

0 degree electrical downtilt

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
180	0.135	-17.39	-9.89	0.10	225	0.072	-22.79	-15.29	0.03
181	0.135	-17.36	-9.86	0.10	226	0.069	-23.22	-15.72	0.03
182	0.137	-17.30	-9.80	0.10	227	0.065	-23.68	-16.18	0.02
183	0.137	-17.27	-9.77	0.11	228	0.062	-24.15	-16.65	0.02
184	0.138	-17.20	-9.70	0.11	229	0.058	-24.66	-17.16	0.02
185	0.139	-17.17	-9.67	0.11	230	0.055	-25.19	-17.69	0.02
186	0.139	-17.14	-9.64	0.11	231	0.052	-25.68	-18.18	0.02
187	0.139	-17.14	-9.64	0.11	232	0.049	-26.20	-18.70	0.01
188	0.139	-17.11	-9.61	0.11	233	0.046	-26.74	-19.24	0.01
189	0.139	-17.11	-9.61	0.11	234	0.043	-27.33	-19.83	0.01
190	0.140	-17.08	-9.58	0.11	235	0.040	-27.96	-20.46	0.01
191	0.139	-17.11	-9.61	0.11	236	0.038	-28.40	-20.90	0.01
192	0.139	-17.14	-9.64	0.11	237	0.036	-28.87	-21.37	0.01
193	0.139	-17.17	-9.67	0.11	238	0.034	-29.37	-21.87	0.01
194	0.138	-17.20	-9.70	0.11	239	0.032	-29.90	-22.40	0.01
195	0.138	-17.23	-9.73	0.11	240	0.030	-30.46	-22.96	0.01
196	0.138	-17.23	-9.73	0.11	241	0.026	-31.70	-24.20	0.00
197	0.138	-17.23	-9.73	0.11	242	0.022	-33.15	-25.65	0.00
198	0.138	-17.23	-9.73	0.11	243	0.018	-34.89	-27.39	0.00
199	0.138	-17.23	-9.73	0.11	244	0.014	-37.08	-29.58	0.00
200	0.138	-17.23	-9.73	0.11	245	0.010	-40.00	-32.50	0.00
201	0.136	-17.33	-9.83	0.10	246	0.010	-40.00	-32.50	0.00
202	0.134	-17.43	-9.93	0.10	247	0.010	-40.00	-32.50	0.00
203	0.133	-17.52	-10.02	0.10	248	0.010	-40.00	-32.50	0.00
204	0.132	-17.62	-10.12	0.10	249	0.010	-40.00	-32.50	0.00
205	0.130	-17.72	-10.22	0.10	250	0.010	-40.00	-32.50	0.00
206	0.128	-17.86	-10.36	0.09	251	0.010	-40.00	-32.50	0.00
207	0.126	-17.99	-10.49	0.09	252	0.010	-40.00	-32.50	0.00
208	0.124	-18.13	-10.63	0.09	253	0.010	-40.00	-32.50	0.00
209	0.122	-18.27	-10.77	0.08	254	0.010	-40.00	-32.50	0.00
210	0.120	-18.42	-10.92	0.08	255	0.010	-40.00	-32.50	0.00
211	0.117	-18.64	-11.14	0.08	256	0.010	-40.00	-32.50	0.00
212	0.114	-18.86	-11.36	0.07	257	0.010	-40.00	-32.50	0.00
213	0.111	-19.09	-11.59	0.07	258	0.010	-40.00	-32.50	0.00
214	0.108	-19.33	-11.83	0.07	259	0.010	-40.00	-32.50	0.00
215	0.105	-19.58	-12.08	0.06	260	0.010	-40.00	-32.50	0.00
216	0.102	-19.83	-12.33	0.06	261	0.010	-40.00	-32.50	0.00
217	0.099	-20.09	-12.59	0.06	262	0.010	-40.00	-32.50	0.00
218	0.096	-20.35	-12.85	0.05	263	0.010	-40.00	-32.50	0.00
219	0.093	-20.63	-13.13	0.05	264	0.010	-40.00	-32.50	0.00
220	0.090	-20.92	-13.42	0.05	265	0.010	-40.00	-32.50	0.00
221	0.086	-21.26	-13.76	0.04	266	0.010	-40.00	-32.50	0.00
222	0.083	-21.62	-14.12	0.04	267	0.010	-40.00	-32.50	0.00
223	0.079	-21.99	-14.49	0.04	268	0.010	-40.00	-32.50	0.00
224	0.076	-22.38	-14.88	0.03	269	0.010	-40.00	-32.50	0.00

Exhibit 12.6 - Tabulation of Proposed Directional Antenna (actual antenna rotated 200°T)



HDCA-5 Yagi

FM

Maximum gain: 7.5 dBd

Horizontal polarization

Horizontal radiation pattern

0 degree electrical downtilt

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
270	0.010	-40.00	-32.50	0.00	315	0.372	-8.60	-1.10	0.78
271	0.010	-40.00	-32.50	0.00	316	0.389	-8.20	-0.70	0.85
272	0.010	-40.00	-32.50	0.00	317	0.407	-7.81	-0.31	0.93
273	0.010	-40.00	-32.50	0.00	318	0.425	-7.44	0.06	1.01
274	0.010	-40.00	-32.50	0.00	319	0.442	-7.08	0.42	1.10
275	0.010	-40.00	-32.50	0.00	320	0.460	-6.74	0.76	1.19
276	0.010	-40.00	-32.50	0.00	321	0.478	-6.41	1.09	1.28
277	0.010	-40.00	-32.50	0.00	322	0.496	-6.09	1.41	1.38
278	0.010	-40.00	-32.50	0.00	323	0.514	-5.78	1.72	1.49
279	0.010	-40.00	-32.50	0.00	324	0.532	-5.48	2.02	1.59
280	0.010	-40.00	-32.50	0.00	325	0.550	-5.19	2.31	1.70
281	0.010	-40.00	-32.50	0.00	326	0.568	-4.91	2.59	1.81
282	0.010	-40.00	-32.50	0.00	327	0.586	-4.63	2.87	1.93
283	0.010	-40.00	-32.50	0.00	328	0.604	-4.37	3.13	2.05
284	0.010	-40.00	-32.50	0.00	329	0.623	-4.11	3.39	2.18
285	0.010	-40.00	-32.50	0.00	330	0.641	-3.86	3.64	2.31
286	0.015	-36.48	-28.98	0.00	331	0.658	-3.63	3.87	2.44
287	0.020	-33.98	-26.48	0.00	332	0.675	-3.41	4.09	2.56
288	0.025	-32.04	-24.54	0.00	333	0.692	-3.19	4.31	2.70
289	0.030	-30.46	-22.96	0.01	334	0.709	-2.99	4.51	2.83
290	0.035	-29.12	-21.62	0.01	335	0.727	-2.78	4.72	2.97
291	0.040	-27.96	-20.46	0.01	336	0.743	-2.57	4.93	3.11
292	0.045	-26.94	-19.44	0.01	337	0.761	-2.37	5.13	3.26
293	0.050	-26.02	-18.52	0.01	338	0.778	-2.18	5.32	3.40
294	0.055	-25.19	-17.69	0.02	339	0.796	-1.99	5.51	3.56
295	0.060	-24.44	-16.94	0.02	340	0.812	-1.80	5.70	3.71
296	0.070	-23.10	-15.60	0.03	341	0.828	-1.64	5.86	3.86
297	0.080	-21.94	-14.44	0.04	342	0.844	-1.48	6.02	4.00
298	0.090	-20.92	-13.42	0.05	343	0.859	-1.32	6.18	4.15
299	0.100	-20.00	-12.50	0.06	344	0.874	-1.16	6.34	4.30
300	0.110	-19.17	-11.67	0.07	345	0.890	-1.01	6.49	4.45
301	0.126	-17.99	-10.49	0.09	346	0.901	-0.91	6.59	4.57
302	0.142	-16.95	-9.45	0.11	347	0.911	-0.80	6.70	4.67
303	0.158	-16.03	-8.53	0.14	348	0.923	-0.70	6.80	4.79
304	0.174	-15.19	-7.69	0.17	349	0.933	-0.60	6.90	4.90
305	0.190	-14.42	-6.92	0.20	350	0.944	-0.50	7.00	5.01
306	0.208	-13.64	-6.14	0.24	351	0.951	-0.44	7.06	5.08
307	0.226	-12.92	-5.42	0.29	352	0.957	-0.38	7.12	5.16
308	0.244	-12.25	-4.75	0.33	353	0.964	-0.32	7.18	5.23
309	0.262	-11.63	-4.13	0.39	354	0.971	-0.26	7.24	5.30
310	0.280	-11.06	-3.56	0.44	355	0.978	-0.20	7.30	5.37
311	0.299	-10.50	-3.00	0.50	356	0.982	-0.16	7.34	5.42
312	0.317	-9.99	-2.49	0.56	357	0.987	-0.12	7.38	5.47
313	0.335	-9.50	-2.00	0.63	358	0.991	-0.08	7.42	5.52
314	0.353	-9.04	-1.54	0.70	359	0.995	-0.04	7.46	5.57