

Exhibit 13.1 - Copy of Existing Antenna Structure Registration



Registration Detail

Reg Number	1023323	Status	Constructed
File Number	A0027816	Constructed	01/01/1967
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Commu

Location (in NAD83 Coordinates)

Lat/Long	48-51-10.0 N 095-46-14.0 W	Address	N HWY 310
City, State	ROSEAU , MN		
Zip	56751	County	ROSEAU
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
318.2	146.3
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
464.5	146.3

Painting and Lighting Specifications

FCC Paragraphs 1, 3, 4, 13, 21

FAA Notification

FAA Study	FAA Issue Date
-----------	----------------

Owner & Contact Information

FRN	Owner Entity Type
-----	-------------------

Owner

SJOBERGS CABLEVISION INC	P: (218)681-3044
Attention To: RICHARD J SJOBERG	F:
315 N MAIN AVE	E:
THIEF RIVER FALLS , MN 56701	

Contact

P:
F:
E:

Last Action Status

Status	Constructed	Received	06/16/1997
Purpose	New	Entered	06/18/1997
Mode	Mail In (Manual)		

Related Applications

06/16/1997 A0027816 - New (NE)

Comments

Comments

None

History

Date

Event

None

Automated Letters

None

Exhibit 13.2

Vertical Plan of Antenna System

THE SITE IS LOCATED ON NORTH HIGHWAY 310;
THE CITY OF ROSEAU; ROSEAU COUNTY; THE STATE OF MINNESOTA.

Antenna Structure Registration No.

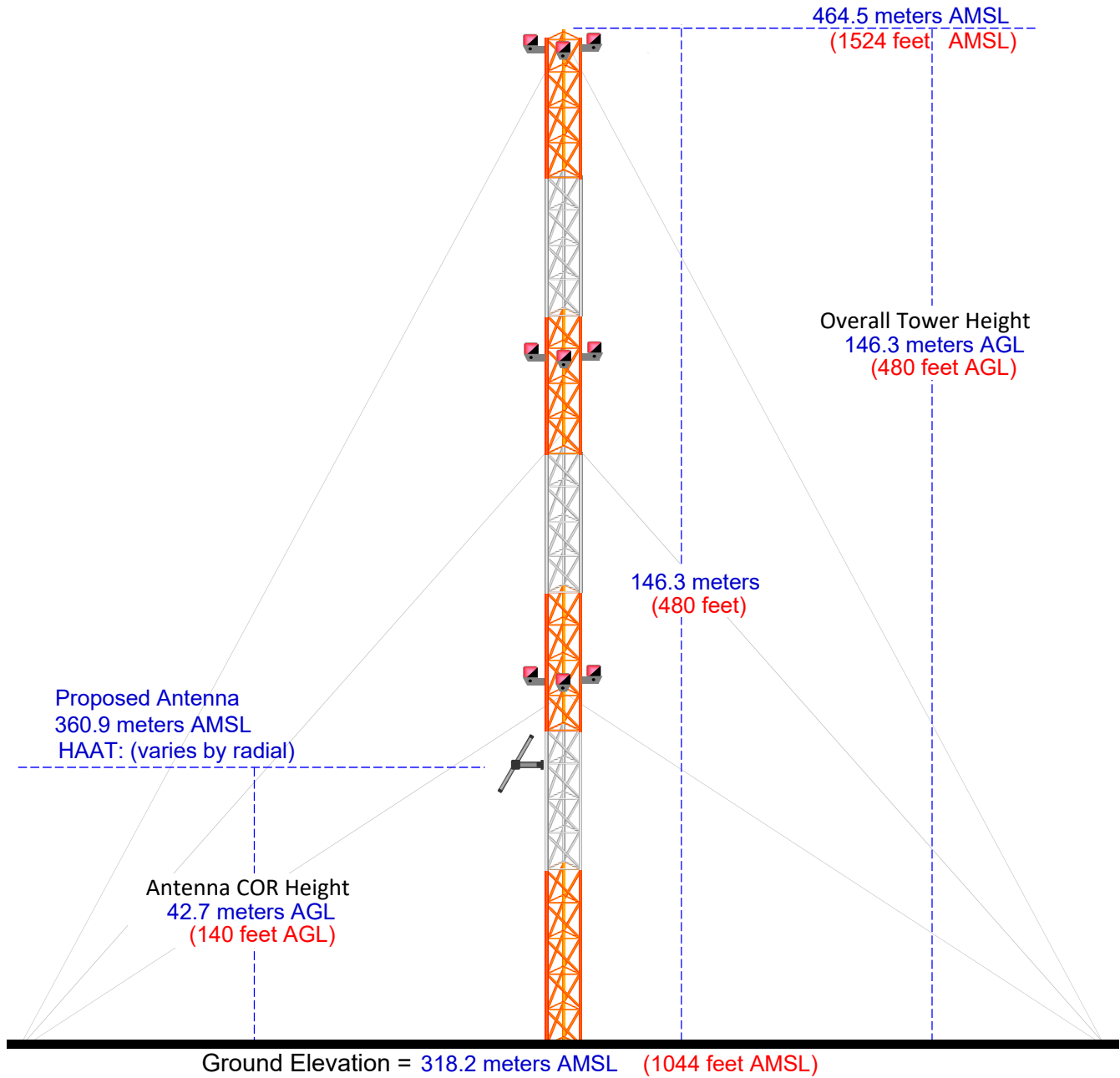
1023323

Latitude (D M S)

Longitude (D M S)

NAD 27 datum values: 48 51 10.06594 95 46 13.04104

NAD 83 datum values: 48 51 10.00000 95 46 14.00000



Drawing is not to Scale

Munn-Reese, Inc.

Broadcast Engineering Consultants
Coldwater, MI 49036

NED 03 SEC Terrain Database
US Census 2010 PL Database

Terrain
311 343 m

Exhibit 13.3 Present vs Proposed Service Contour Study

K253CB.P
Roseau, MN
Proposed Operation
Facility ID: 140690
Latitude: 48-51-10 N
Longitude: 095-46-13 W
ERP: 0.012 kW
Channel: 253D (98.5 MHz)
AMSL Height: 361.0 m
Horiz. Pattern: Directional

60 dBµ F(50:50) Contour
Total Population: 3,097
Coverage Area: 56.3 sq. km

K253CB.C
Roseau, MN
BNPFT20130826AIT
Facility ID: 140690
Latitude: 48-50-38 N
Longitude: 095-45-39 W
ERP: 0.012 kW
Channel: 253D (98.5 MHz)
AMSL Height: 363.0 m
Horiz. Pattern: Omni

60 dBµ F(50:50) Contour
Total Population: 3,027
Coverage Area: 45.0 sq. km

K253CB.P +

Roseau

K253CB.C

Proposed 60 dBµ F(50:50) Contour

Present 60 dBµ F(50:50) Contour

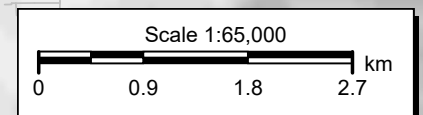
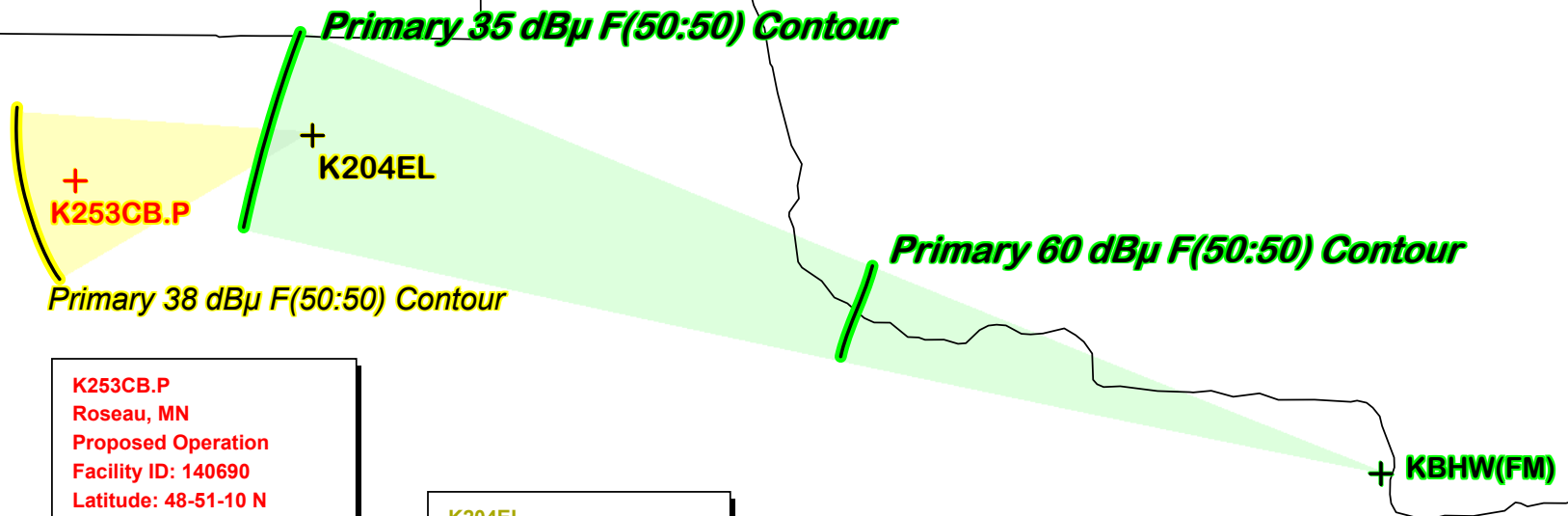


Exhibit 13.4 Proposed vs. Primary Service Contour Study



K253CB.P
Roseau, MN
Proposed Operation
Facility ID: 140690
Latitude: 48-51-10 N
Longitude: 095-46-13 W
ERP: 0.012 kW
Channel: 253D (98.5 MHz)
AMSL Height: 361.0 m
Horiz. Pattern: Directional

K204EL
Warroad, MN
BLFT20001113ABD
Facility ID: 6435
Latitude: 48-53-59 N
Longitude: 095-24-57 W
ERP: 0.249 kW
Channel: 204D (88.7 MHz)
AMSL Height: 378.0 m
Horiz. Pattern: Omni

KBHW(FM)
International Falls, MN
BLED20111229AAG
Facility ID: 42902
Latitude: 48-33-45 N
Longitude: 093-49-21 W
ERP: 100.00 kW
Channel: 258C1 (99.5 MHz)
AMSL Height: 513.0 m
Horiz. Pattern: Omni

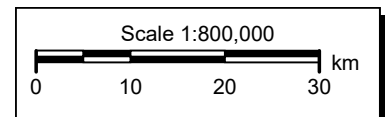


Exhibit 13.5

Tabulation of Proposed Allocation

Heartland Christian Broadcasters, Inc.											
REFERENCE		CH#	253D	- 98.5 MHZ, Pwr= 0.012 kw DA, HAAT= 38.1 M, Average Protected F(50-50)= 3.71 km Standard Directional				COR= 361 M		DISPLAY DATES	
48 51 10.0 N.										DATA 09-21-16	
95 46 13.0 W.										SEARCH 09-22-16	
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)
250A	R15215	VAC		8.7	21.87	49 02 50.0	6.000	2.9	38.0	15.9	-16.4*<
Cat Hills		MB		188.7		95 43 30.0	100	436			
10/25/2012: From channel 205A, proposed in 10/3/2012 letter. 11/7/2012: Accepted on channel 250-A by IB in 11/7/2012 letter. Note: not short-spaced.											
253D	K253CB	CP	_C_	145.0	1.20	48 50 38.0	0.012	13.3	4.2	-15.6*	-14.4*
Roseau		MN		325.1	BNPFT20130826AIT	95 45 39.0	42	363	Heartland Christian Broadc		
1/30/2014: Accepted on channel 253-LPFM (48-50-38 N, 95-45-39 W) by Industry Canada in 1/20/2014 letter.											
256C	CJZZ-FM	_H_		316.0	140.95	49 45 20.0	100.000	13.7	96.7	123.5	43.9
Winnipeg		MB		135.0		97 07 52.0	600	600			
approved 7/8/03 as a specially negotiated, short-spaced allotment limited to 100kw & 434m to protect 257B in Thief River Falls, MN											
252C	CBWFM	OPE	_CN	309.6	162.51	49 46 15.0	160.000	104.3	75.0	54.4	79.8
Winnipeg		MB		128.3		97 30 35.0	223	223			
254B	CBQXFM	OPE	_CN	41.6	137.23	49 46 06.0	38.000	67.0	55.7	66.5	74.0
Kenora		ON		222.5		94 30 16.0	100	436			
252C1	WBJI	LIC	NCX	153.2	161.08	47 33 21.0	100.000	87.4	57.8	70.1	98.1
Blackduck		MN		333.9	BLH20030825AFY	94 48 04.0	146	566	R.p. Broadcasting, Inc.		
256C1	AL4596			309.6	162.51	49 46 15.0	100.000	10.1	86.0	148.6	76.1
Winnipeg		MB		128.3		97 30 35.0	299	299			
256C1	KLLZ-FM	LIC	NCX	157.9	177.58	47 22 11.0	100.000	7.5	60.6	166.5	116.7
Walker		MN		338.5	BLH20150225ACG	94 52 54.0	160	587	Hbi Radio Bemidji, Llc		
254C1	KLTA-FM	LIC	_CX	195.3	240.95	46 45 35.0	100.000	92.2	62.0	145.4	174.3
Moorhead		MN		14.7	BMLH20140826ABA	96 36 27.0	177	463	Radio Fargo-moorhead, Inc.		
250C	KFNW-FM	LIC	_CX	207.9	230.71	47 00 36.0	100.000	10.3	73.0	217.2	157.5
Fargo		ND		26.9	BMLED20061220ACI	97 11 41.0	305	595	University Of Northwestern		
250AA	AL1522	AL		347.6	200.94	50 36 58.0	6.000	2.8	38.0	195.1	162.7
Pine Falls		MB		167.2		96 22 48.0	100	100			
Accepted by Commission 960401											
251B	AL0639	AL		63.1	238.33	49 47 00.0	50.000	8.5	65.0	226.1	171.6
Dryden		ON		245.3		92 49 00.0	150	150			
256B	AL2949	AL		63.1	238.33	49 47 00.0	50.000	8.5	65.0	226.1	172.9
Dryden		ON		245.3		92 49 00.0	150	150			

Terrain database is NED 03 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= West Zone, Co to 3rd adjacent.
 All separation margins (if shown) include rounding. Call signs with strikeout need not be protected.
 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 restricted contour.
 < = Contour Overlap

Green Text denotes the facility to be modified by this proposal. This facility need not be protected.

Blue Highlighted Text denotes an Allotment Vacancy for CH250A - Cat Hills, MB, Canada. Full protection will be afforded all Canadian concerns as the worst case 34 dBμ F(50:10) interference contour will not enter Canadian territory or exceed 60 km in any direction as noted in **Exhibit 13.6**.

Exhibit 13.6 Proposed §74.1235(d)(3) 60 km - 34 dBμ F(50:10) Showing

34 dBμ F(50:10) Contour	
Azimuth	Distance
(deg)	(km)
0.0	13.82
10.0	13.69
20.0	14.83
30.0	16.18
40.0	17.27
50.0	18.17
60.0	18.10
70.0	17.74
80.0	17.48
90.0	17.06
100.0	16.69
110.0	16.00
120.0	15.41
130.0	14.91
140.0	15.77
150.0	16.60
160.0	16.68
170.0	16.82
180.0	16.51
190.0	15.52
200.0	14.83
210.0	14.83
220.0	14.83
230.0	14.83
240.0	14.83
250.0	15.17
260.0	15.86
270.0	17.35
280.0	18.04
290.0	18.73
300.0	19.07
310.0	18.07
320.0	16.97
330.0	15.45
340.0	13.97
350.0	13.85

60 km Site Radius

Proposed 34 dBμ F(50:10) Contour

+
K253CB.P

Roseau

K253CB.P
Roseau, MN
Proposed Operation
Facility ID: 140690
Latitude: 48-51-10 N
Longitude: 095-46-13 W
ERP: 0.012 kW
Channel: 253D (98.5 MHz)
AMSL Height: 361.0 m
Horiz. Pattern: Directional

Lake of the Woods

Marshall

NED 03 SEC Terrain Database
US Census 2010 PL Database

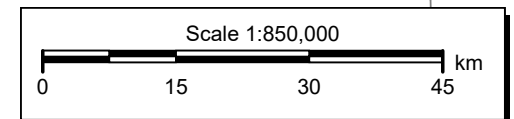


Exhibit 13.7

Manufacturer's Directional Antenna Pattern Documentation

Azimuth	FCC	Factory
° True	Pattern	Pattern
0°	0.600	0.403
10°	0.600	0.399
20°	0.700	0.423
30°	0.800	0.479
40°	0.900	0.557
50°	1.000	0.650
60°	1.000	0.737
70°	1.000	0.804
80°	1.000	0.856
90°	1.000	0.899
100°	1.000	0.939
110°	1.000	0.963
120°	1.000	0.978
130°	1.000	0.989
140°	1.000	0.995
150°	1.000	1.000
160°	1.000	0.995
170°	1.000	0.989
180°	1.000	0.978
190°	1.000	0.963
200°	1.000	0.939
210°	1.000	0.899
220°	1.000	0.856
230°	1.000	0.804
240°	1.000	0.737
250°	1.000	0.650
260°	1.000	0.557
270°	1.000	0.479
280°	1.000	0.423
290°	1.000	0.399
300°	1.000	0.403
310°	0.900	0.398
320°	0.800	0.404
330°	0.700	0.401
340°	0.600	0.404
350°	0.600	0.398

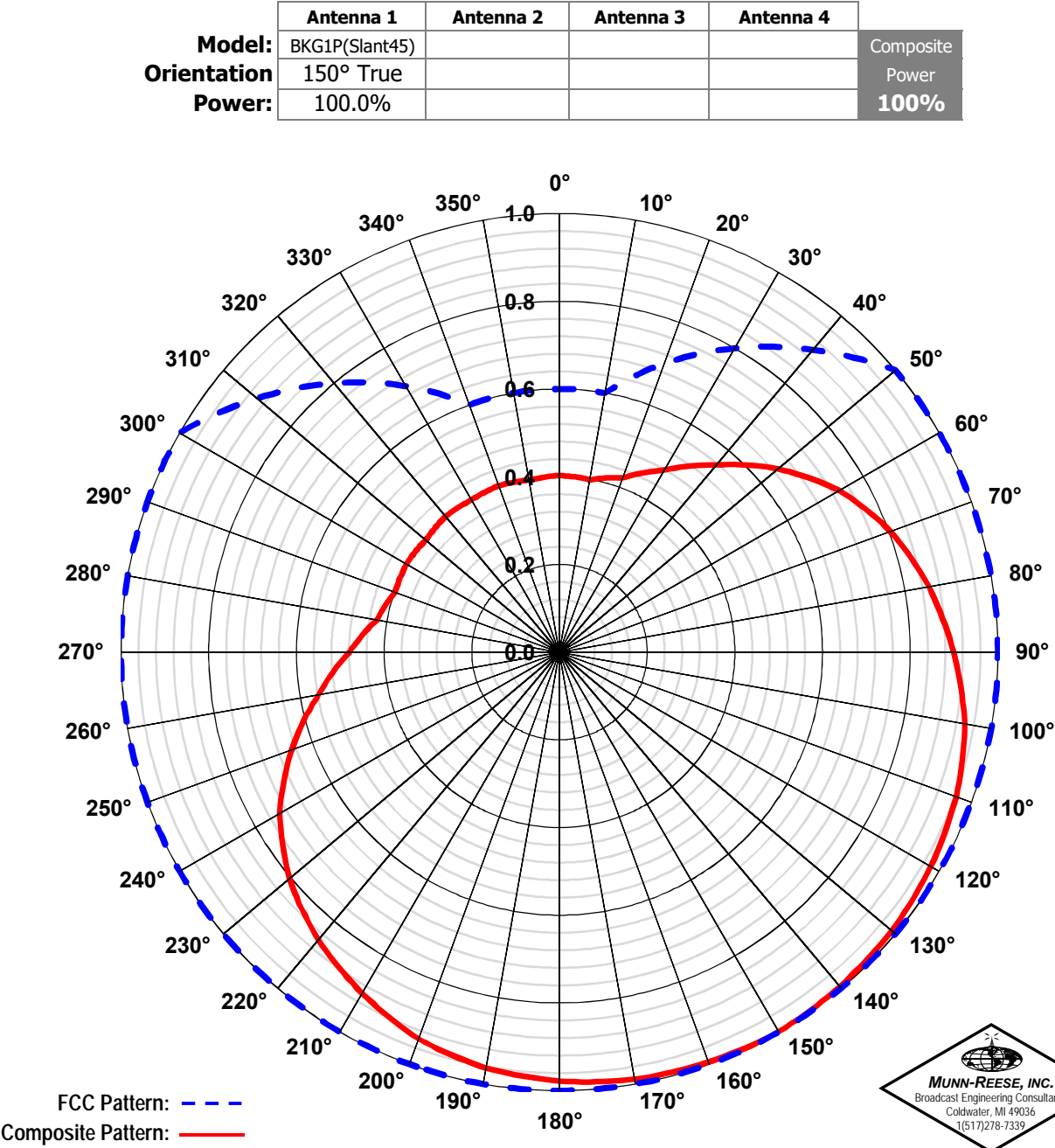


Exhibit 13.7 - Manufacturer's Directional Antenna Pattern Documentation (Actual Pattern Rotated to 150°T)

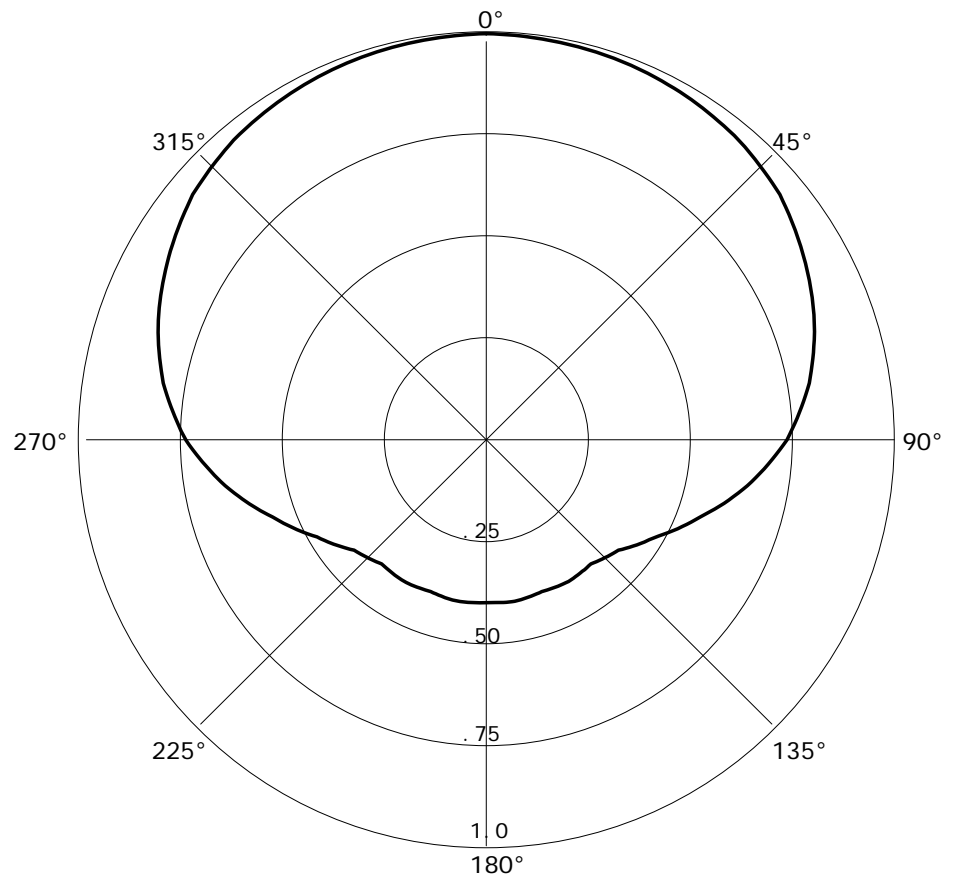


BKG1/P-1DA(Slant45) COMPOSITE PATTERN

RMS(V) = .739

Graph is Relative Field

Azi	Field	dBk
000	1.000	-10.000
010	0.995	-10.044
020	0.989	-10.096
030	0.978	-10.193
040	0.963	-10.327
050	0.939	-10.547
060	0.899	-10.925
070	0.856	-11.351
080	0.804	-11.895
090	0.737	-12.651
100	0.650	-13.742
110	0.557	-15.083
120	0.479	-16.393
130	0.423	-17.473
140	0.399	-17.981
150	0.403	-17.894
160	0.398	-18.002
170	0.404	-17.872
180	0.401	-17.937
190	0.404	-17.872
200	0.398	-18.002
210	0.403	-17.894
220	0.399	-17.981
230	0.423	-17.473
240	0.479	-16.393
250	0.557	-15.083
260	0.650	-13.742
270	0.737	-12.651
280	0.804	-11.895
290	0.856	-11.351
300	0.899	-10.925
310	0.939	-10.547
320	0.963	-10.327
330	0.978	-10.193
340	0.989	-10.096
350	0.995	-10.044



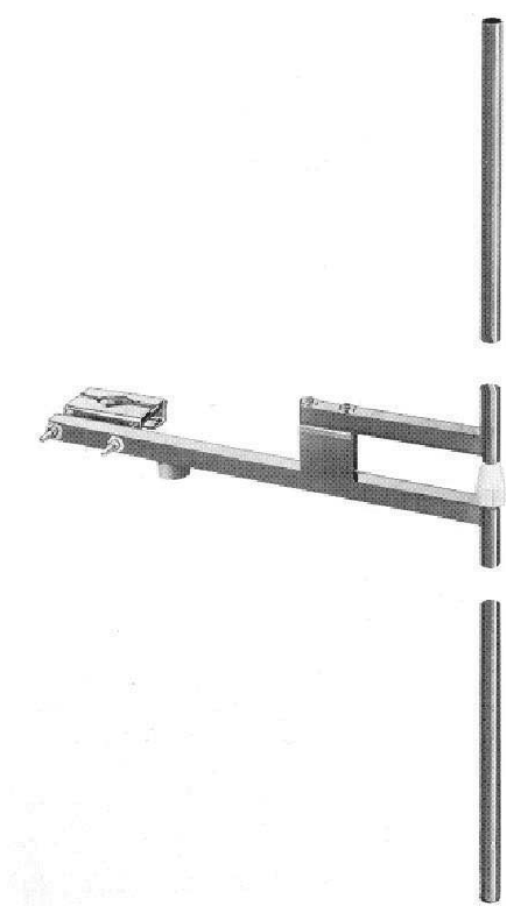
The directional antenna pattern will be produced by means of a Nicom Dipole BKG1/P broadcast element mounted at a 45° (degree) slant orientation to achieve horizontal and vertical polarization. The BKG1/P-1DA(Slant45) Directional Pattern is therefore a maximum composite pattern of the current horizontal and vertical broadcast patterns as notified by Nicom USA, Inc.

The maximum antenna gain for a single BKG1/P-1DA(Slant45) element will be -3.0 dBd or the common horizontal or vertical maximum antenna gain of 0.0 dBd adjusted by 3 dBd for dual broadcast in the Horizontal and Vertical planes (-3.0 dBd = 0.0 dBd - 3.0 dBd). The maximum gain for multiple bay options of the Nicom BKG1/P-DA(Slant45) antenna would therefore also be adjusted by -3 dBd to account for operation in the horizontal and vertical planes.

The antenna proposed in this application will be mounted in accordance with specific instructions provided by the antenna manufacturer. The directional antenna will be mounted on the tower which is of uniform cross section. No other antennas of any type are or will be mounted on the same tower level as the directional antenna.

No antenna is or will be mounted within any vertical or horizontal distance specified by the antenna manufacturer as being necessary for proper operation of the directional antenna. In addition, the antenna will be assembled under the supervision of a qualified engineer and installed pursuant to the manufacturer's instructions and manufacturer specified antenna orientation.

Exhibit 13.7 - Manufacturer's Directional Antenna Pattern Documentation (Actual Pattern Rotated to 150°T)



NiCOM **BKG1/P** **Low Power** **Broadband** **FM Dipole** **Dipolo de FM** **Banda Ancha**

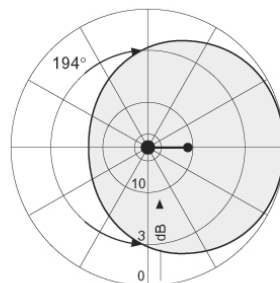
This antenna can be easily installed because of its lightness. Electrically grounded it gives excellent protection against lightning. Combined in arrays of more elements this dipole offers high gain over a wide angle.

Esta antena puede ser facilmente armada debido a su ligereza. Es conectada por tierra lo cual ofrece óptima protección contra relámpagos. Combinada de arrays de varios elementos este dipolo puede ofrecer buena ganancia a través de un amplio ángulo.

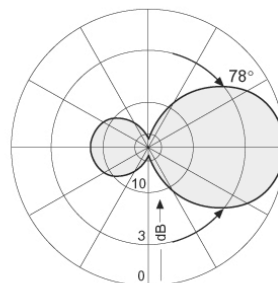
TECHNICAL SPECIFICATIONS

Antenna type	dipole	Front-to-back ratio	7 dB
Frequency range	87.5 - 108 MHz	Lightning protection	all parts grounded
Bandwidth	20 MHz	Max wind velocity	119 mph (190 km/h)
Impedance	50 Ohms	Wind load	39.6 Lbs (18 kg)
Connectors	N type	Wind surface	1.2 ft ² (0.11 m ²)
Power rating	500 Watts max.	Materials (external)	anti-corrosive aluminum
VSWR	< 1.3	Mounting	from 2" to 4"
Polarization	vertical	Weight	8.8 Lbs (4 kg)
Gain	0 dBd (unity gain)	Dimensions	55"×33"×2" (1400×850×60 mm)
H plane	194 degrees	Packing	59"×36"×4" (1500×900×100 mm)
V plane	78 degrees		

Radiation Patterns (at mid-band)



in H-plane
Horizontal Radiation Pattern



in E-plane
Vertical Radiation Pattern

Exhibit 13.7 - Manufacturer's Directional Antenna Pattern Documentation (Actual Pattern Rotated to 150°T)



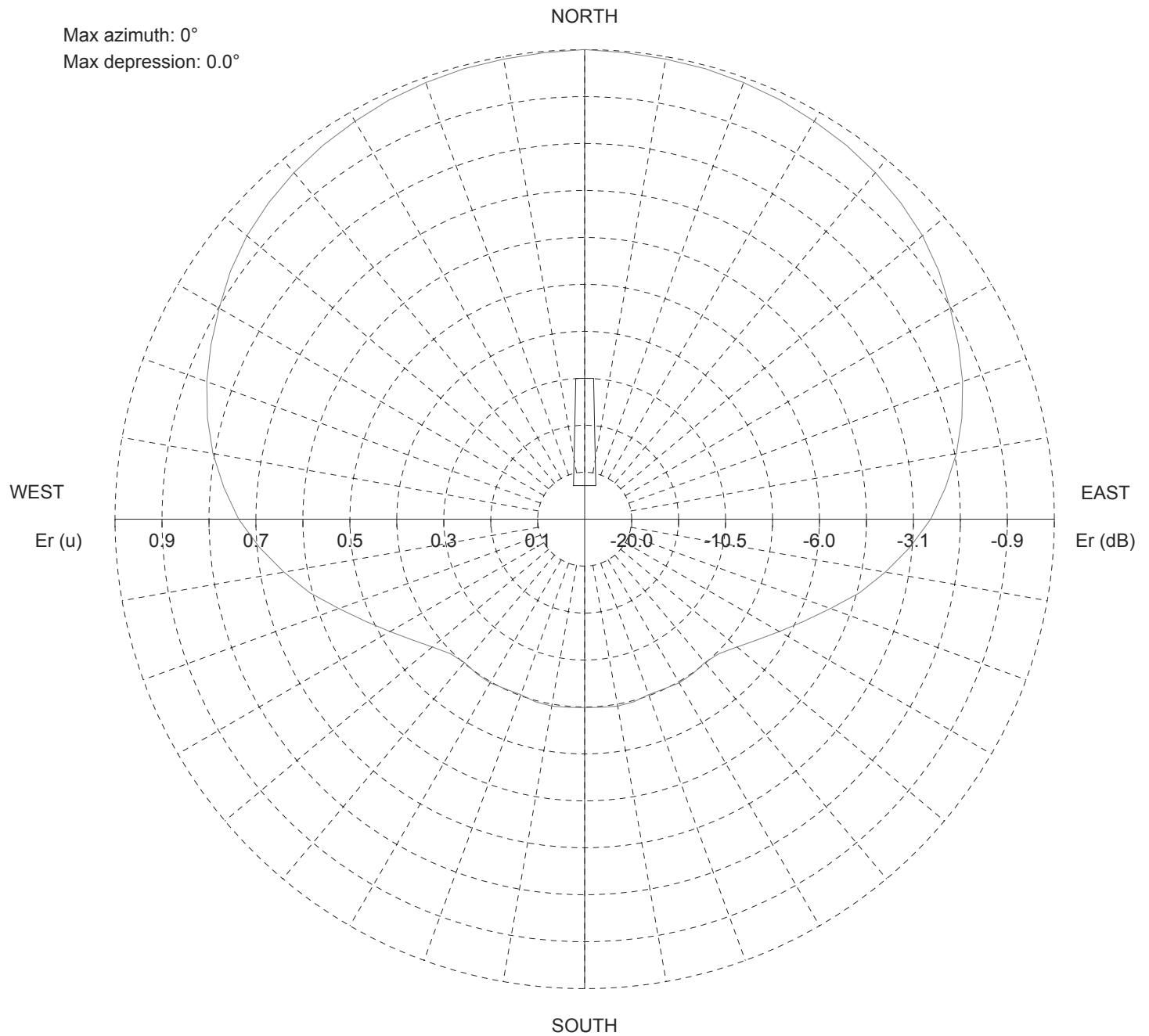
TX station: BKG1/P

Site name:

Frequency: 100.00 MHz

Horizontal diagram of Maxima

Max azimuth: 0°
Max depression: 0.0°



—— 0.0° depres. (Total antenna), Gain (dBd): 0.00 ERP T.max (KW): 1.

ERP E.max (KW): 0.776

Exhibit 13.7 - Manufacturer's Directional Antenna Pattern Documentation (Actual Pattern Rotated to 150°T)



TX station: BKG1/P

Site name:

Frequency: 100.00 MHz

Horizontal diagram of Maxima

Az (°)	Dep (°)	Er (%)	ERP (W)	Az (°)	Dep (°)	Er (%)	ERP (W)	Az (°)	Dep (°)	Er (%)	ERP (W)
0.0	0.0	100.0	776.2	120.0	0.0	47.9	178.0	240.0	0.0	47.9	178.0
5.0	0.0	99.7	772.1	125.0	0.0	44.8	156.0	245.0	0.0	51.5	205.9
10.0	0.0	99.5	768.1	130.0	0.0	42.3	139.1	250.0	0.0	55.7	240.8
15.0	0.0	99.3	765.7	135.0	0.0	40.5	127.4	255.0	0.0	60.6	285.0
20.0	0.0	98.9	759.7	140.0	0.0	39.9	123.3	260.0	0.0	65.0	328.3
25.0	0.0	98.5	753.4	145.0	0.0	40.1	125.1	265.0	0.0	69.5	374.7
30.0	0.0	97.8	743.2	150.0	0.0	40.3	126.0	270.0	0.0	73.7	421.3
35.0	0.0	97.2	733.2	155.0	0.0	39.9	123.5	275.0	0.0	77.1	461.6
40.0	0.0	96.3	720.1	160.0	0.0	39.8	122.8	280.0	0.0	80.4	501.4
45.0	0.0	95.2	703.9	165.0	0.0	40.3	126.1	285.0	0.0	83.2	536.8
50.0	0.0	93.9	684.4	170.0	0.0	40.4	126.9	290.0	0.0	85.6	569.2
55.0	0.0	92.1	658.3	175.0	0.0	40.3	125.8	295.0	0.0	87.8	598.3
60.0	0.0	89.9	627.1	180.0	0.0	40.1	125.0	300.0	0.0	89.9	627.1
65.0	0.0	87.8	598.3	185.0	0.0	40.3	125.8	305.0	0.0	92.1	658.3
70.0	0.0	85.6	569.2	190.0	0.0	40.4	126.9	310.0	0.0	93.9	684.4
75.0	0.0	83.2	536.8	195.0	0.0	40.3	126.1	315.0	0.0	95.2	703.9
80.0	0.0	80.4	501.4	200.0	0.0	39.8	122.8	320.0	0.0	96.3	720.1
85.0	0.0	77.1	461.6	205.0	0.0	39.9	123.5	325.0	0.0	97.2	733.2
90.0	0.0	73.7	421.3	210.0	0.0	40.3	126.0	330.0	0.0	97.8	743.2
95.0	0.0	69.5	374.7	215.0	0.0	40.1	125.1	335.0	0.0	98.5	753.4
100.0	0.0	65.0	328.3	220.0	0.0	39.9	123.3	340.0	0.0	98.9	759.7
105.0	0.0	60.6	285.0	225.0	0.0	40.5	127.4	345.0	0.0	99.3	765.7
110.0	0.0	55.7	240.8	230.0	0.0	42.3	139.1	350.0	0.0	99.5	768.1
115.0	0.0	51.5	205.9	235.0	0.0	44.8	156.0	355.0	0.0	99.7	772.1

Exhibit 13.7 - Manufacturer's Directional Antenna Pattern Documentation (Actual Pattern Rotated to 150°T)



TX station: BKG1/P

Site name:

Frequency: 100.00 MHz

Vertical diagram

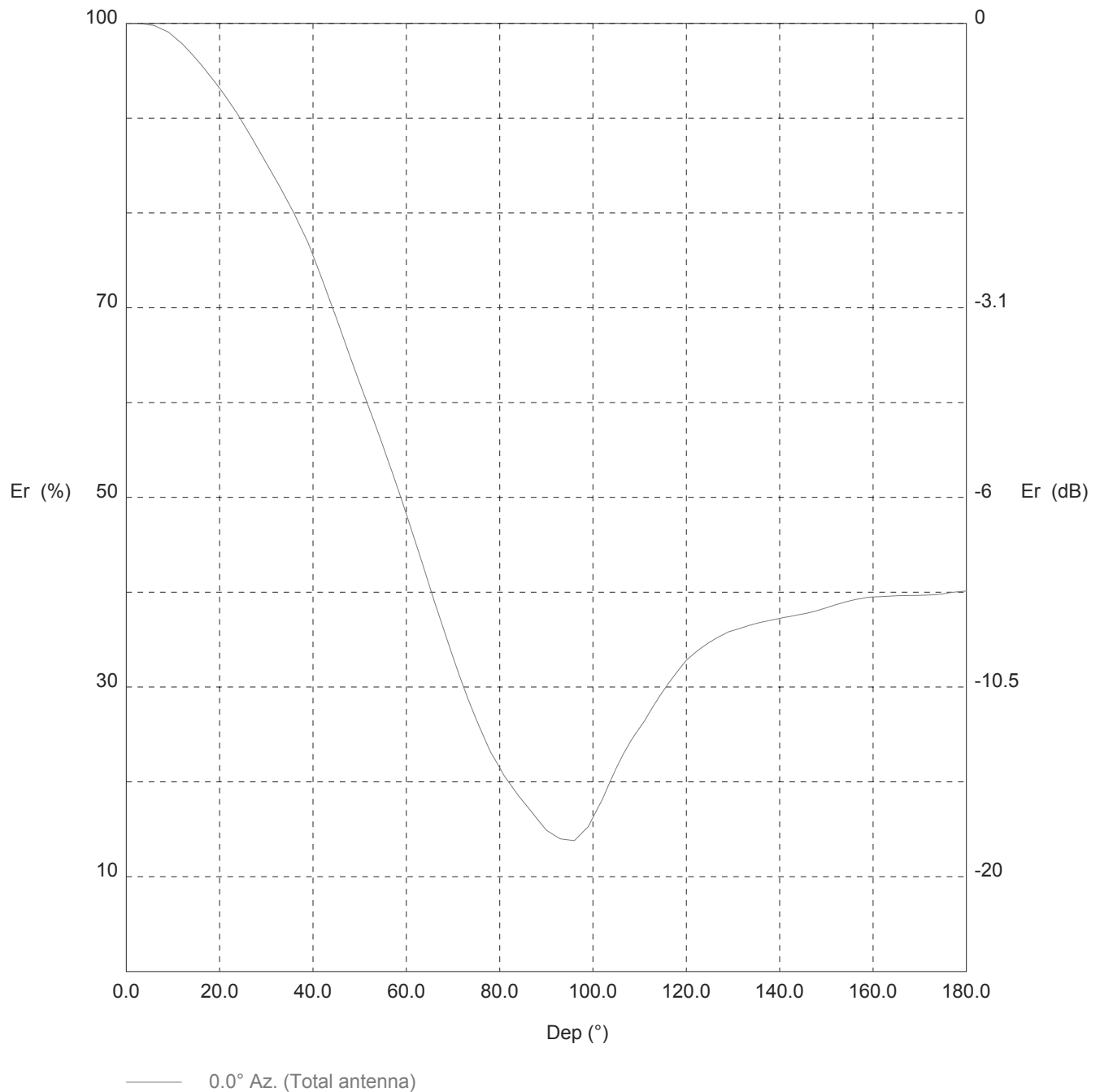


Exhibit 13.7 - Manufacturer's Directional Antenna Pattern Documentation (Actual Pattern Rotated to 150°T)



TX station: BKG1/P

Site name:

Frequency: 100.00 MHz

Vertical diagram at an azimuth of 0° degrees

Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)
0.0	100.0	776.2	60.0	48.3	180.9	120.0	32.8	83.6
1.0	100.0	776.1	61.0	46.8	169.7	121.0	33.2	85.8
2.0	100.0	775.9	62.0	45.2	158.9	122.0	33.7	88.0
3.0	100.0	775.7	63.0	43.7	148.5	123.0	34.1	90.2
4.0	99.9	774.8	64.0	42.2	138.1	124.0	34.4	91.9
5.0	99.8	773.8	65.0	40.6	128.0	125.0	34.7	93.6
6.0	99.8	772.9	66.0	39.1	118.4	126.0	35.0	95.3
7.0	99.5	769.2	67.0	37.6	109.6	127.0	35.3	96.8
8.0	99.3	765.6	68.0	36.1	101.1	128.0	35.6	98.2
9.0	99.1	762.0	69.0	34.6	92.9	129.0	35.8	99.6
10.0	98.7	755.7	70.0	33.2	85.4	130.0	36.0	100.4
11.0	98.3	749.5	71.0	31.7	78.1	131.0	36.1	101.3
12.0	97.9	743.2	72.0	30.3	71.2	132.0	36.3	102.1
13.0	97.3	735.2	73.0	29.0	65.4	133.0	36.4	103.0
14.0	96.8	727.2	74.0	27.8	59.9	134.0	36.6	103.8
15.0	96.3	719.2	75.0	26.5	54.6	135.0	36.7	104.7
16.0	95.7	710.3	76.0	25.4	50.1	136.0	36.8	105.3
17.0	95.1	701.4	77.0	24.3	45.8	137.0	36.9	105.9
18.0	94.5	692.6	78.0	23.2	41.7	138.0	37.0	106.5
19.0	93.8	683.0	79.0	22.3	38.7	139.0	37.1	107.1
20.0	93.1	673.5	80.0	21.5	35.8	140.0	37.2	107.7
21.0	92.5	664.1	81.0	20.6	33.1	141.0	37.3	108.2
22.0	91.8	653.7	82.0	19.9	30.9	142.0	37.4	108.8
23.0	91.0	643.4	83.0	19.2	28.8	143.0	37.5	109.3
24.0	90.3	633.1	84.0	18.6	26.7	144.0	37.6	109.8
25.0	89.5	621.6	85.0	17.9	25.0	145.0	37.7	110.4
26.0	88.7	610.3	86.0	17.3	23.4	146.0	37.8	111.0
27.0	87.8	599.0	87.0	16.7	21.8	147.0	37.9	111.6
28.0	87.0	587.3	88.0	16.1	20.2	148.0	38.1	112.5
29.0	86.1	575.7	89.0	15.5	18.7	149.0	38.2	113.4
30.0	85.3	564.3	90.0	14.9	17.3	150.0	38.4	114.2
31.0	84.4	552.9	91.0	14.6	16.5	151.0	38.5	115.2
32.0	83.5	541.7	92.0	14.3	15.8	152.0	38.7	116.1
33.0	82.7	530.6	93.0	14.0	15.2	153.0	38.8	117.1
34.0	81.7	518.8	94.0	13.9	15.0	154.0	39.0	117.9
35.0	80.8	507.1	95.0	13.9	14.9	155.0	39.1	118.6
36.0	79.9	495.6	96.0	13.8	14.8	156.0	39.2	119.4
37.0	78.9	482.9	97.0	14.3	15.9	157.0	39.3	119.9
38.0	77.8	470.4	98.0	14.8	17.0	158.0	39.4	120.4
39.0	76.8	458.0	99.0	15.3	18.1	159.0	39.5	120.9
40.0	75.5	442.7	100.0	16.2	20.5	160.0	39.5	121.1
41.0	74.2	427.7	101.0	17.2	23.0	161.0	39.5	121.3
42.0	72.9	412.9	102.0	18.1	25.5	162.0	39.5	121.4
43.0	71.6	398.0	103.0	19.3	28.8	163.0	39.6	121.6
44.0	70.3	383.3	104.0	20.4	32.3	164.0	39.6	121.7
45.0	68.9	368.9	105.0	21.5	35.9	165.0	39.6	121.9
46.0	67.5	354.2	106.0	22.4	39.1	166.0	39.6	122.0
47.0	66.2	339.7	107.0	23.4	42.4	167.0	39.6	122.0
48.0	64.8	325.5	108.0	24.3	45.8	168.0	39.7	122.1
49.0	63.4	312.3	109.0	25.0	48.5	169.0	39.7	122.1
50.0	62.1	299.4	110.0	25.7	51.3	170.0	39.7	122.2
51.0	60.8	286.8	111.0	26.4	54.2	171.0	39.7	122.2
52.0	59.5	274.4	112.0	27.2	57.6	172.0	39.7	122.4
53.0	58.1	262.3	113.0	28.1	61.1	173.0	39.7	122.5
54.0	56.8	250.4	114.0	28.9	64.6	174.0	39.8	122.7
55.0	55.4	238.3	115.0	29.6	67.9	175.0	39.8	123.2
56.0	54.0	226.6	116.0	30.3	71.1	176.0	39.9	123.7
57.0	52.6	215.1	117.0	31.0	74.4	177.0	40.0	124.2
58.0	51.2	203.3	118.0	31.6	77.5	178.0	40.0	124.5
59.0	49.7	191.9	119.0	32.2	80.5	179.0	40.1	124.7