

EXHIBIT 12

INTERFERENCE ANALYSIS

Consideration was given to all licensed, authorized and proposed facilities within the latest version of the CDBS database. The proposed translator facility, Facility I.D. No. 158401, FCC File No. BNPFT-20030317MUV, complies with the requirements of 47 C.F.R. Section 74.1204. A tabulation follows, which shows the dominant limits at each bearing in one-degree azimuthal intervals. The most limiting factor are the terms of the bilateral agreement with Canada, and the proposed translator complies fully with those terms.

The proposed translator station is located within the protected 57 dBu F(50,50) contour of third adjacent channel Class B1 station WMKX(FM), Facility I.D. No. 63524. However, actual interference is considered to exist between second and third adjacent channel stations when the interfering signal is 40 dB or greater than that of the protected station. The WMKX(FM) field strength level at the proposed translator site is 100.8 dBu, meaning that the translator will cause interference to areas in which its signal strength exceeds 140.8 dBu.

A detailed study was performed to determine the impact of the proposed translator on the aforementioned facilities. The free-space field strength at one kilometer of an FM broadcast station is determined by the following equation, where F_{kM} is the field strength in dBμ at one kilometer, and P_{kW} is the effective radiated power in kilowatts

$$F_{kM} = 106.9198528 + 10 \log P_{kW}$$

Since the ERP of the proposed translator is 0.150 kW, the inverse-distance field strength at one kilometer is 98.7 dBμ. The equation for determining, $F_{dBμ}$, the field strength in dBμ at, D_{kM} , the distance in kilometers, is

$$F_{dBμ} = F_{kM} - 20 \log_{10} D_{kM}$$

At the proposed translator site, the WMKX(FM) F(50,50) field strength is 100.8 dBμ. Thus, the proposed translator will create interference to WMKX(FM) at locations where its field strength exceeds 140.8 dBμ. The following equation, which is derived from the above equation, produces the distance in kilometers, D_{kM} , to a specified field strength, $F_{dBμ}$:

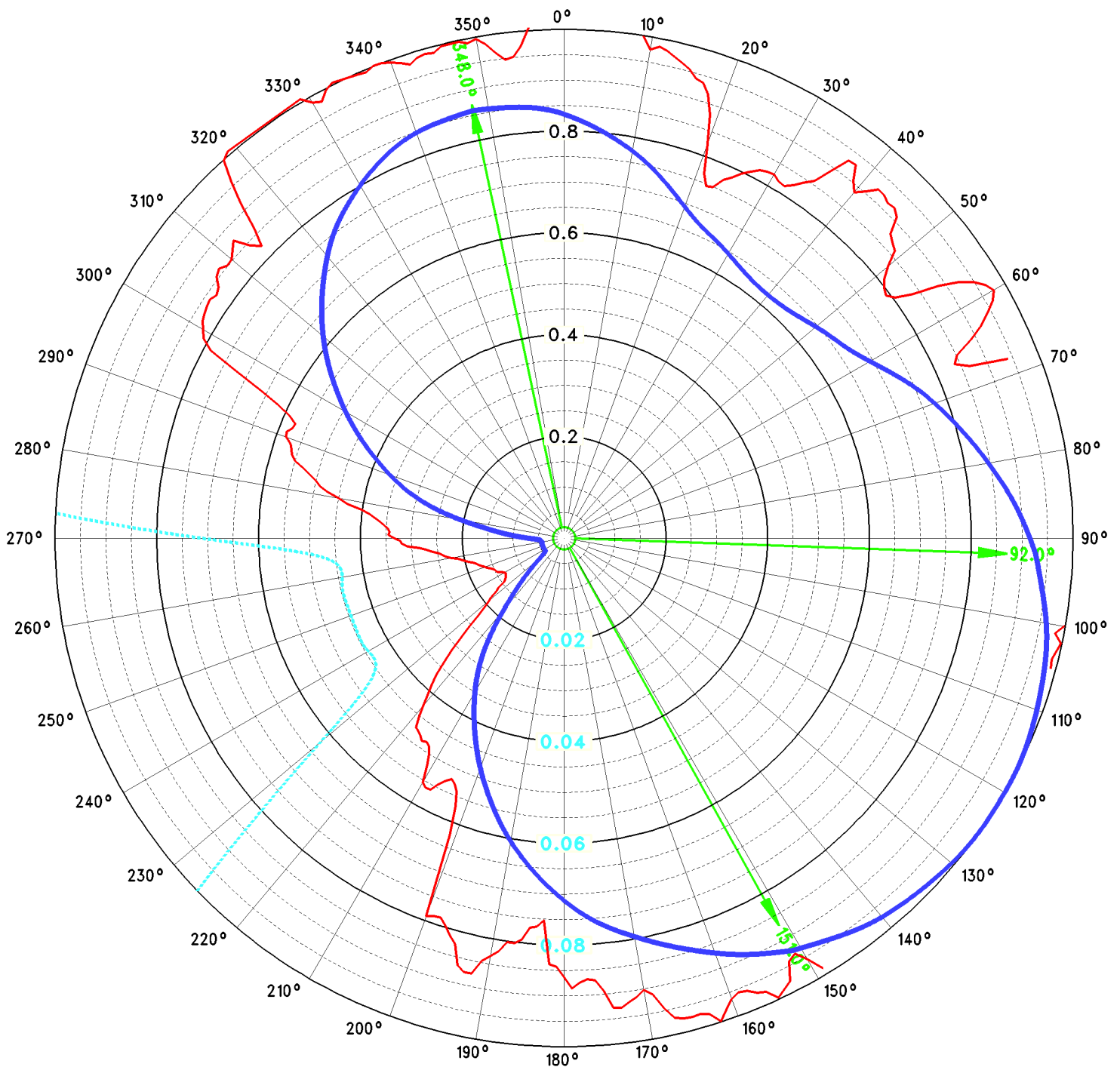
$$D_{kM} = 10^{\frac{F_{kM} - F_{dBμ}}{20}}$$

Accordingly, since the proposed translator would cause interference to WMKX(FM) if its field strength exceeded 140.8 dBμ, the above formula was used to determine that this field strength occurs 7.8 meters from the proposed antenna center of radiation. This, of course, is in the horizontal plane where radiation is at its maximum for the proposed antenna system, and is not affected by terrain or other losses, so inverse-distance is the only attenuating factor. Since the proposed antenna

center of radiation is 61.0 meters above ground, no interference will be produced by the proposed facility at any place on the ground.

Therefore, it is believed that the proposed facility falls within the provisions of 47 C.F.R. Section 74.1204(d) insofar as there is no population within the vicinity of the elevated interference area. Furthermore, the applicant acknowledges its responsibilities under Section 74.1203 and will resolve immediately any and all complaints of interference that result from operation of the facility as proposed herein.

Lawrence L. Morton, P.E.
Consulting Telecommunications Engineer
August 29, 2003



RELATIVE FIELD AZIMUTH PATTERN

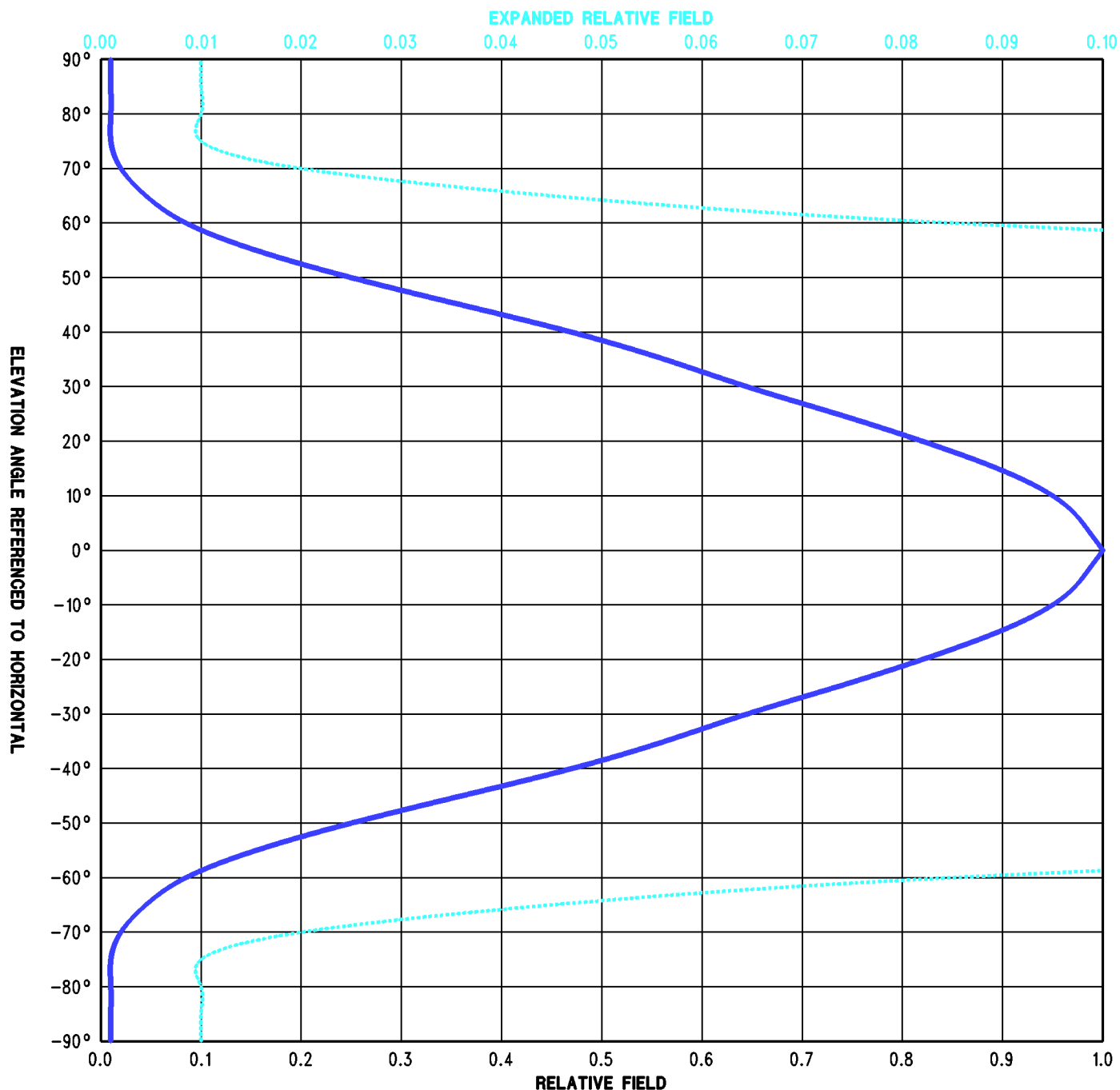
EXHIBIT 12 - FIGURE 1 PRIORITY COMMUNICATIONS OHIO, LLC BROOKVILLE, PENNSYLVANIA

ELEM. NO.	MAKE CODE	ELEMENT MANUFACTURER	ELEMENT MODEL NUMBER	PAT SRC	POLAR CODE	ORIENT °TN	NO. BAYS	BAY SPACE	MAXIMUM ELEMENT ERP IN WATTS HORIZONTAL POL.	VERTICAL POL.
1	SCA	KATHREIN INC., SCALA DIVISION	CL-FM (LOG-PERIODIC)	1	V	92.000°	1		0.00000	110.50518
2	SCA	KATHREIN INC., SCALA DIVISION	CL-FM (LOG-PERIODIC)	1	V	151.000°	1		0.00000	110.50518
3	SCA	KATHREIN INC., SCALA DIVISION	CL-FM (LOG-PERIODIC)	1	V	348.000°	1		0.00000	110.50518

CALL:	NEW	ELEVATION ANGLE:	0.000°
CHANNEL:	291	ELECTRICAL BEAM TILT:	0.000°
FREQUENCY:	106.10 MHz	MECHANICAL BEAM TILT:	0.000°
MAX H-POL ERP:	0.00 W	MECH. BEAM TILT AZIMUTH:	0.000°
MAX V-POL ERP:	150.00 W	1st NULL FILL:	0.000%
ARRAY POLARIZATION:	V	2nd NULL FILL:	0.000%
ARRAY ROTATION:	0.000° TN	3rd NULL FILL:	0.000%
LATITUDE:	N 41° 07' 11"	H-POL COSINE POWER:	1.000
LONGITUDE:	W 79° 06' 52"	V-POL G:	40.896°
DATE:	08/29/03	FIELD POLAR:	COMPOSITE OF H & V



LAWRENCE L. MORTON ASSOCIATES
Telecommunications Engineers
Hollywood Hills, California



RELATIVE FIELD ELEVATION PATTERN

EXHIBIT 12 - FIGURE 2 PRIORITY COMMUNICATIONS OHIO, LLC BROOKVILLE, PENNSYLVANIA

ELEM. NO.	MAKE CODE	ELEMENT MANUFACTURER	ELEMENT MODEL NUMBER	PAT SRC	POLAR CODE	ORIENT °TN	NO. BAYS	BAY SPACE	MAXIMUM ELEMENT ERP IN WATTS HORIZONTAL POL.	MAXIMUM ELEMENT ERP IN WATTS VERTICAL POL.
1	SCA	KATHREIN INC., SCALA DIVISION	CL-FM (LOG-PERIODIC)	1	V	92.000°	1		0.00000	110.50518
2	SCA	KATHREIN INC., SCALA DIVISION	CL-FM (LOG-PERIODIC)	1	V	151.000°	1		0.00000	110.50518
3	SCA	KATHREIN INC., SCALA DIVISION	CL-FM (LOG-PERIODIC)	1	V	348.000°	1		0.00000	110.50518

CALL:	NEW	AZIMUTH ANGLE:	119.800°
CHANNEL:	291	ELECTRICAL BEAM TILT:	0.000°
FREQUENCY:	106.10 MHz	MECHANICAL BEAM TILT:	0.000°
MAX H-POL ERP:	0.00 W	MECH. BEAM TILT AZIMUTH:	0.000°
MAX V-POL ERP:	150.00 W	1st NULL FILL:	0.000%
ARRAY POLARIZATION:	V	2nd NULL FILL:	0.000%
ARRAY ROTATION:	0.000° TN	3rd NULL FILL:	0.000%
LATITUDE:	N 41° 07' 11"	H-POL COSINE POWER:	1.000
LONGITUDE:	W 79° 06' 52"	V-POL G:	40.896°
DATE:	08/29/03	FIELD POLAR:	COMPOSITE OF H & V



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Hollywood Hills, California

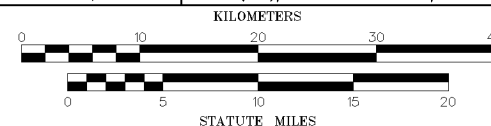
Lambert Azimuthal Equal-Area

15' 00" Graticule Spacing

STEUBEN
OIL CREEK
TITUSVILLE
CHERRYTREE
OILCREEK
HICKORY
TIDIOUTE
CHERRY GROVE
SHEFFIELD
WETMORE
KANE
MOUNT JEWETT
SERGEANT

CENTER OF MAP:
N LAT 41° 11' 17.00"
W LAT 78° 50' 02.00"
Scale 1 : 640,996

EXHIBIT 12 - FIGURE 3
SERVICE AND INTERFERENCE CONTOURS
BETWEEN PROPOSED TRANSLATOR AND
THIRD ADJACENT CHANNEL STATION
WMKX(FM), CHANNEL 288B1, BROOKVILLE, PA



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Telecommunications Engineers
Hollywood Hills, California

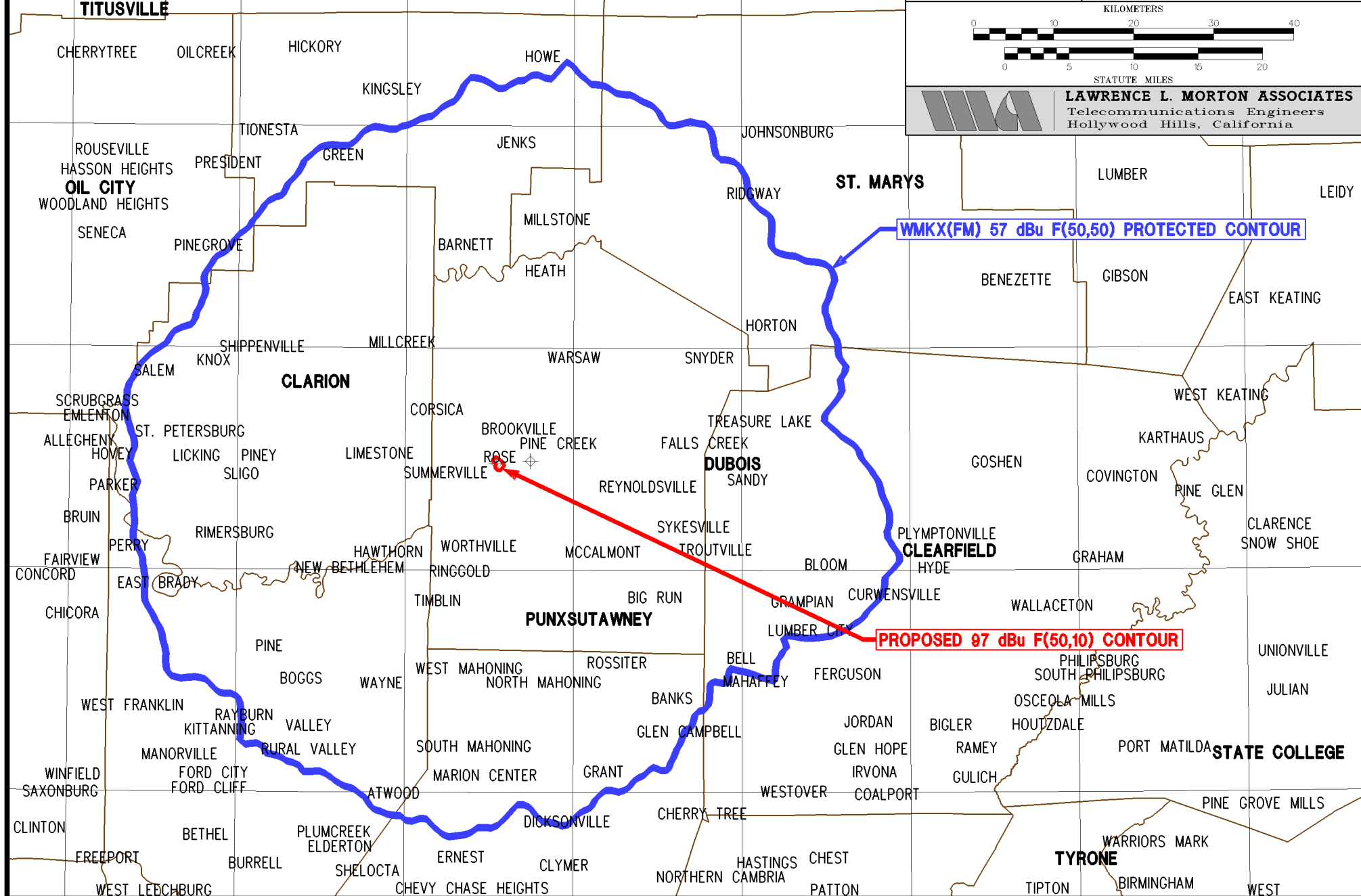


EXHIBIT 12 - TABLE 1

FM CHANNEL 291-D RADIATION LIMITS

PAGE 1

BROOKVILLE, PENNSYLVANIA

Translator Type is "Fill In"

08/29/03

LATITUDE: N 41° 07' 11"

ARC = 608.7 meters AMSL

LONGITUDE: W 79° 06' 52"

TERRAIN = 3/30 Arc-Second

BEARING	MAX POWER IN WATTS	-CONTOURS IN DBU- PROPOSED EXISTING	RADIAL HAAT-m	---LIMITING STATION---
				CALL CHAN FILE

THE 57 DBU F(50,50) CONTOUR OF STATION 63524-00 (WMKX) OVERLAPS THE STUDY SITE BY 45.16 KILOMETERS

0.0	176.1344	34 I	0 S	125.0	Canada	0- Canada
1.0	174.3665	34 I	0 S	125.8	Canada	0- Canada
2.0	171.0671	34 I	0 S	127.3	Canada	0- Canada
3.0	171.4480	34 I	0 S	127.1	Canada	0- Canada
4.0	167.7047	34 I	0 S	128.8	Canada	0- Canada
5.0	162.1911	34 I	0 S	131.5	Canada	0- Canada
6.0	152.8635	34 I	0 S	136.2	Canada	0- Canada
7.0	150.5928	34 I	0 S	137.3	Canada	0- Canada
8.0	151.3201	34 I	0 S	136.9	Canada	0- Canada
9.0	147.6105	34 I	0 S	138.9	Canada	0- Canada
10.0	140.7554	34 I	0 S	142.7	Canada	0- Canada
11.0	143.1160	34 I	0 S	141.4	Canada	0- Canada
12.0	141.7348	34 I	0 S	142.1	Canada	0- Canada
13.0	139.1568	34 I	0 S	143.6	Canada	0- Canada
14.0	137.0207	34 I	0 S	144.8	Canada	0- Canada
15.0	134.5394	34 I	0 S	146.3	Canada	0- Canada
16.0	130.5359	34 I	0 S	148.7	Canada	0- Canada
17.0	129.5507	34 I	0 S	149.3	Canada	0- Canada
18.0	124.2381	34 I	0 S	152.8	Canada	0- Canada
19.0	114.6311	34 I	0 S	159.5	Canada	0- Canada
20.0	100.5291	34 I	0 S	171.0	Canada	0- Canada
21.0	87.2142	34 I	0 S	184.6	Canada	0- Canada
22.0	82.3065	34 I	0 S	190.3	Canada	0- Canada
23.0	82.9937	34 I	0 S	189.5	Canada	0- Canada
24.0	87.9729	34 I	0 S	183.6	Canada	0- Canada
25.0	90.5779	34 I	0 S	180.7	Canada	0- Canada
26.0	94.1290	34 I	0 S	177.0	Canada	0- Canada
27.0	96.5854	34 I	0 S	174.5	Canada	0- Canada
28.0	99.1815	34 I	0 S	172.0	Canada	0- Canada
29.0	100.2024	34 I	0 S	171.1	Canada	0- Canada
30.0	100.7058	34 I	0 S	170.6	Canada	0- Canada
31.0	98.9383	34 I	0 S	172.2	Canada	0- Canada
32.0	98.4506	34 I	0 S	172.6	Canada	0- Canada
33.0	101.1647	34 I	0 S	170.1	Canada	0- Canada
34.0	104.9147	34 I	0 S	166.8	Canada	0- Canada
35.0	108.8608	34 I	0 S	163.6	Canada	0- Canada
36.0	117.6420	34 I	0 S	156.9	Canada	0- Canada

BROOKVILLE, PENNSYLVANIA

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08/29/03

LATITUDE: N 41° 07' 11"

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LONGITUDE: W 79° 06' 52"

TERRAIN = 3/30 Arc-Second

BEARING	MAX POWER		-CONTOURS IN DBU-		RADIAL HAAT-m	---LIMITING STATION---		
	IN	WATTS	PROPOSED	EXISTING		CALL	CHAN	FILE
37.0	127.6199		34 I	0 S	150.1	Canada	0-	Canada
38.0	128.3011		34 I	0 S	149.7	Canada	0-	Canada
39.0	120.7955		34 I	0 S	154.6	Canada	0-	Canada
40.0	116.4623		34 I	0 S	157.7	Canada	0-	Canada
41.0	120.7394		34 I	0 S	154.6	Canada	0-	Canada
42.0	125.8825		34 I	0 S	151.1	Canada	0-	Canada
43.0	125.7280		34 I	0 S	151.2	Canada	0-	Canada
44.0	124.0034		34 I	0 S	152.3	Canada	0-	Canada
45.0	124.6186		34 I	0 S	151.9	Canada	0-	Canada
46.0	122.2745		34 I	0 S	153.4	Canada	0-	Canada
47.0	113.7626		34 I	0 S	159.4	Canada	0-	Canada
48.0	111.5725		34 I	0 S	161.1	Canada	0-	Canada
49.0	109.6956		34 I	0 S	162.5	Canada	0-	Canada
50.0	102.2223		34 I	0 S	168.7	Canada	0-	Canada
51.0	96.8613		34 I	0 S	173.5	Canada	0-	Canada
52.0	94.1021		34 I	0 S	176.2	Canada	0-	Canada
53.0	92.9290		34 I	0 S	177.4	Canada	0-	Canada
54.0	95.6005		34 I	0 S	174.7	Canada	0-	Canada
55.0	103.4120		34 I	0 S	167.5	Canada	0-	Canada
56.0	116.3468		34 I	0 S	157.3	Canada	0-	Canada
57.0	126.3241		34 I	0 S	150.4	Canada	0-	Canada
58.0	133.4758		34 I	0 S	145.9	Canada	0-	Canada
59.0	138.1882		34 I	0 S	143.1	Canada	0-	Canada
60.0	140.5595		34 I	0 S	141.7	Canada	0-	Canada
61.0	137.1315		34 I	0 S	143.7	Canada	0-	Canada
62.0	131.3148		34 I	0 S	147.2	Canada	0-	Canada
63.0	125.0924		34 I	0 S	151.1	Canada	0-	Canada
64.0	117.1623		34 I	0 S	156.5	Canada	0-	Canada
65.0	107.5035		34 I	0 S	163.8	Canada	0-	Canada
66.0	104.4578		34 I	0 S	166.3	Canada	0-	Canada
67.0	110.8701		34 I	0 S	161.1	Canada	0-	Canada
68.0	130.6438		34 I	0 S	147.5	Canada	0-	Canada
69.0	152.8098		34 I	0 S	134.9	Canada	0-	Canada
70.0	156.3993		34 I	0 S	133.0	Canada	0-	Canada
71.0	154.0828		34 I	0 S	134.2	Canada	0-	Canada
72.0	153.9948		34 I	0 S	134.2	Canada	0-	Canada
73.0	157.7690		34 I	0 S	132.3	Canada	0-	Canada
74.0	160.0489		34 I	0 S	131.1	Canada	0-	Canada
75.0	158.5797		34 I	0 S	131.9	Canada	0-	Canada
76.0	154.3107		34 I	0 S	134.0	Canada	0-	Canada

BROOKVILLE, PENNSYLVANIA

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08/29/03

LATITUDE: N 41° 07' 11"

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LONGITUDE: W 79° 06' 52"

TERRAIN = 3/30 Arc-Second

BEARING	MAX POWER		-CONTOURS IN DBU-		RADIAL HAAT-m	---LIMITING STATION---		
	IN	WATTS	PROPOSED	EXISTING		CALL	CHAN	FILE
77.0	150.8958		34 I	0 S	135.8	Canada	0-	Canada
78.0	155.9829		34 I	0 S	133.1	Canada	0-	Canada
79.0	158.5273		34 I	0 S	131.8	Canada	0-	Canada
80.0	162.2247		34 I	0 S	130.0	Canada	0-	Canada
81.0	170.5430		34 I	0 S	126.0	Canada	0-	Canada
82.0	178.7271		34 I	0 S	122.3	Canada	0-	Canada
83.0	188.0838		34 I	0 S	118.4	Canada	0-	Canada
84.0	193.8186		34 I	0 S	116.1	Canada	0-	Canada
85.0	197.9882		34 I	0 S	114.5	Canada	0-	Canada
86.0	198.2974		34 I	0 S	114.4	Canada	0-	Canada
87.0	192.5174		34 I	0 S	116.6	Canada	0-	Canada
88.0	183.7597		34 I	0 S	120.1	Canada	0-	Canada
89.0	176.7339		34 I	0 S	123.2	Canada	0-	Canada
90.0	170.9789		34 I	0 S	125.8	Canada	0-	Canada
91.0	168.6823		34 I	0 S	126.9	Canada	0-	Canada
92.0	167.6460		34 I	0 S	127.4	Canada	0-	Canada
93.0	160.8563		34 I	0 S	130.6	Canada	0-	Canada
94.0	153.5004		34 I	0 S	134.3	Canada	0-	Canada
95.0	151.4453		34 I	0 S	135.4	Canada	0-	Canada
96.0	153.2244		34 I	0 S	134.5	Canada	0-	Canada
97.0	156.0102		34 I	0 S	133.1	Canada	0-	Canada
98.0	156.1406		34 I	0 S	133.0	Canada	0-	Canada
99.0	151.9140		34 I	0 S	135.2	Canada	0-	Canada
100.0	147.3012		34 I	0 S	137.7	Canada	0-	Canada
101.0	142.9321		34 I	0 S	140.1	Canada	0-	Canada
102.0	147.3375		34 I	0 S	137.7	Canada	0-	Canada
103.0	150.0823		34 I	0 S	136.2	Canada	0-	Canada
104.0	144.2402		34 I	0 S	139.4	Canada	0-	Canada
105.0	144.8451		34 I	0 S	139.1	Canada	0-	Canada
106.0	157.1407		34 I	0 S	132.6	Canada	0-	Canada
107.0	168.7982		34 I	0 S	127.0	Canada	0-	Canada
108.0	174.8622		34 I	0 S	124.2	Canada	0-	Canada
109.0	177.6041		34 I	0 S	123.0	Canada	0-	Canada
110.0	182.2167		34 I	0 S	121.0	Canada	0-	Canada
111.0	181.2655		34 I	0 S	121.4	Canada	0-	Canada
112.0	192.8598		34 I	0 S	116.6	Canada	0-	Canada
113.0	213.4127		34 I	0 S	109.3	Canada	0-	Canada
114.0	223.0895		34 I	0 S	106.2	Canada	0-	Canada
115.0	229.9407		34 I	0 S	104.1	Canada	0-	Canada
116.0	236.4063		34 I	0 S	102.2	Canada	0-	Canada

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BEARING	MAX POWER		-CONTOURS IN DBU-		RADIAL HAAT-m	---LIMITING STATION---		
	IN	WATTS	PROPOSED	EXISTING		CALL	CHAN	FILE
117.0	243.1764		34 I	0 S	100.4	Canada	0-	Canada
118.0	232.8389		34 I	0 S	103.3	Canada	0-	Canada
119.0	213.0534		34 I	0 S	109.5	Canada	0-	Canada
120.0	215.0617		34 I	0 S	108.8	Canada	0-	Canada
121.0	253.4539		34 I	0 S	97.7	Canada	0-	Canada
122.0	280.2707		34 I	0 S	91.3	Canada	0-	Canada
123.0	272.7207		34 I	0 S	93.0	Canada	0-	Canada
124.0	251.1055		34 I	0 S	98.4	Canada	0-	Canada
125.0	236.5644		34 I	0 S	102.4	Canada	0-	Canada
126.0	228.1393		34 I	0 S	104.8	Canada	0-	Canada
127.0	217.6660		34 I	0 S	108.1	Canada	0-	Canada
128.0	202.7480		34 I	0 S	113.3	Canada	0-	Canada
129.0	205.8531		34 I	0 S	112.2	Canada	0-	Canada
130.0	232.2463		34 I	0 S	103.7	Canada	0-	Canada
131.0	247.5614		34 I	0 S	99.4	Canada	0-	Canada
132.0	244.8530		34 I	0 S	100.2	Canada	0-	Canada
133.0	241.8353		34 I	0 S	101.0	Canada	0-	Canada
134.0	223.7333		34 I	0 S	106.4	Canada	0-	Canada
135.0	202.3432		34 I	0 S	113.6	Canada	0-	Canada
136.0	186.9848		34 I	0 S	119.6	Canada	0-	Canada
137.0	188.5303		34 I	0 S	119.0	Canada	0-	Canada
138.0	187.7392		34 I	0 S	119.3	Canada	0-	Canada
139.0	186.7065		34 I	0 S	119.8	Canada	0-	Canada
140.0	188.9104		34 I	0 S	118.9	Canada	0-	Canada
141.0	182.8073		34 I	0 S	121.5	Canada	0-	Canada
142.0	177.2824		34 I	0 S	123.9	Canada	0-	Canada
143.0	180.2318		34 I	0 S	122.6	Canada	0-	Canada
144.0	186.0020		34 I	0 S	120.2	Canada	0-	Canada
145.0	187.6029		34 I	0 S	119.5	Canada	0-	Canada
146.0	195.4799		34 I	0 S	116.4	Canada	0-	Canada
147.0	187.9261		34 I	0 S	119.5	Canada	0-	Canada
148.0	159.7233		34 I	0 S	132.3	Canada	0-	Canada
149.0	143.9582		34 I	0 S	140.6	Canada	0-	Canada
150.0	134.8842		34 I	0 S	145.8	Canada	0-	Canada
151.0	129.2026		34 I	0 S	149.4	Canada	0-	Canada
152.0	131.3909		34 I	0 S	148.0	Canada	0-	Canada
153.0	141.4792		34 I	0 S	142.1	Canada	0-	Canada
154.0	152.4641		34 I	0 S	136.1	Canada	0-	Canada
155.0	146.9694		34 I	0 S	139.1	Canada	0-	Canada
156.0	140.8982		34 I	0 S	142.5	Canada	0-	Canada

BROOKVILLE, PENNSYLVANIA

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BEARING	MAX POWER		-CONTOURS IN DBU-		RADIAL HAAT-m	---LIMITING STATION---		
	IN	WATTS	PROPOSED	EXISTING		CALL	CHAN	FILE
157.0	139.3929		34 I	0 S	143.3	Canada	0-	Canada
158.0	136.4239		34 I	0 S	145.1	Canada	0-	Canada
159.0	135.2599		34 I	0 S	145.8	Canada	0-	Canada
160.0	137.4491		34 I	0 S	144.5	Canada	0-	Canada
161.0	142.3098		34 I	0 S	141.7	Canada	0-	Canada
162.0	147.3860		34 I	0 S	139.0	Canada	0-	Canada
163.0	141.6844		34 I	0 S	142.1	Canada	0-	Canada
164.0	139.9704		34 I	0 S	143.1	Canada	0-	Canada
165.0	140.4257		34 I	0 S	142.9	Canada	0-	Canada
166.0	139.9773		34 I	0 S	143.1	Canada	0-	Canada
167.0	138.6295		34 I	0 S	143.9	Canada	0-	Canada
168.0	132.0153		34 I	0 S	147.9	Canada	0-	Canada
169.0	123.6376		34 I	0 S	153.3	Canada	0-	Canada
170.0	120.2051		34 I	0 S	155.7	Canada	0-	Canada
171.0	123.5164		34 I	0 S	153.4	Canada	0-	Canada
172.0	125.3777		34 I	0 S	152.2	Canada	0-	Canada
173.0	127.9905		34 I	0 S	150.5	Canada	0-	Canada
174.0	127.3751		34 I	0 S	150.9	Canada	0-	Canada
175.0	118.0750		34 I	0 S	157.2	Canada	0-	Canada
176.0	112.1879		34 I	0 S	161.5	Canada	0-	Canada
177.0	111.5337		34 I	0 S	162.0	Canada	0-	Canada
178.0	113.1007		34 I	0 S	160.9	Canada	0-	Canada
179.0	116.0378		34 I	0 S	158.7	Canada	0-	Canada
180.0	110.2308		34 I	0 S	163.1	Canada	0-	Canada
181.0	104.9710		34 I	0 S	167.3	Canada	0-	Canada
182.0	103.8852		34 I	0 S	168.3	Canada	0-	Canada
183.0	83.8016		60 S	60 S	166.2	WDSN	293-A	5358000
184.0	86.7716		60 S	60 S	163.6	WDSN	293-A	5358000
185.0	87.5042		60 S	60 S	165.0	WDSN	293-A	5358000
186.0	93.2341		60 S	60 S	162.5	WDSN	293-A	5358000
187.0	95.1958		60 S	60 S	162.9	WDSN	293-A	5358000
188.0	95.1639		60 S	60 S	163.4	WDSN	293-A	5358000
189.0	99.9154		60 S	60 S	161.7	WDSN	293-A	5358000
190.0	102.8703		60 S	60 S	161.9	WDSN	293-A	5358000
191.0	106.0561		60 S	60 S	162.0	WDSN	293-A	5358000
192.0	113.2128		60 S	60 S	157.9	WDSN	293-A	5358000
193.0	113.2928		60 S	60 S	158.3	WDSN	293-A	5358000
194.0	110.7087		60 S	60 S	161.1	WDSN	293-A	5358000
195.0	101.0719		60 S	60 S	167.3	WDSN	293-A	5358000
196.0	97.7069		60 S	60 S	169.7	WDSN	293-A	5358000

BROOKVILLE, PENNSYLVANIA

Translator Type is "Fill In"

08/29/03

LATITUDE: N 41° 07' 11"

ARC = 608.7 meters AMSL

LONGITUDE: W 79° 06' 52"

TERRAIN = 3/30 Arc-Second

BEARING	MAX POWER		-CONTOURS IN DBU-		RADIAL HAAT-m	---LIMITING STATION---		
	IN	WATTS	PROPOSED	EXISTING		CALL	CHAN	FILE
197.0	93.8434		60 S	60 S	172.8	WDSN	293-A	5358000
198.0	90.9377		60 S	60 S	174.6	WDSN	293-A	5358000
199.0	91.3356		60 S	60 S	175.4	WDSN	293-A	5358000
200.0	92.4835		60 S	60 S	175.0	WDSN	293-A	5358000
201.0	57.8578		60 S	60 S	175.9	WDSN	293-A	5358000
202.0	47.6692		60 S	60 S	178.4	WDSN	293-A	5358000
203.0	43.3090		60 S	60 S	182.6	WDSN	293-A	5358000
204.0	41.3656		60 S	60 S	182.7	WDSN	293-A	5358000
205.0	40.3424		60 S	60 S	183.0	WDSN	293-A	5358000
206.0	41.7787		60 S	60 S	179.9	WDSN	293-A	5358000
207.0	43.7461		60 S	60 S	175.1	WDSN	293-A	5358000
208.0	46.3442		60 S	60 S	169.7	WDSN	293-A	5358000
209.0	46.6419		60 S	60 S	169.6	WDSN	293-A	5358000
210.0	45.5070		60 S	60 S	170.0	WDSN	293-A	5358000
211.0	40.2331		60 S	60 S	168.1	WDSN	293-A	5358000
212.0	37.1511		60 S	60 S	167.5	WDSN	293-A	5358000
213.0	35.1521		60 S	60 S	165.0	WDSN	293-A	5358000
214.0	34.5642		60 S	60 S	163.9	WDSN	293-A	5358000
215.0	35.0001		60 S	60 S	161.6	WDSN	293-A	5358000
216.0	34.0971		60 S	60 S	161.5	WDSN	293-A	5358000
217.0	33.4120		60 S	60 S	161.7	WDSN	293-A	5358000
218.0	32.9778		60 S	60 S	161.6	WDSN	293-A	5358000
219.0	30.4214		60 S	60 S	164.9	WDSN	293-A	5358000
220.0	27.3706		60 S	60 S	169.1	WDSN	293-A	5358000
221.0	24.7354		60 S	60 S	173.5	WDSN	293-A	5358000
222.0	22.4552		60 S	60 S	175.4	WDSN	293-A	5358000
223.0	20.0459		60 S	60 S	178.4	WDSN	293-A	5358000
224.0	17.0001		60 S	60 S	180.2	WDSN	293-A	5358000
225.0	14.4189		60 S	60 S	185.7	WDSN	293-A	5358000
226.0	11.6717		60 S	60 S	197.3	WDSN	293-A	5358000
227.0	9.4456		60 S	60 S	211.6	WDSN	293-A	5358000
228.0	7.5550		60 S	60 S	221.0	WDSN	293-A	5358000
229.0	6.3520		60 S	60 S	228.0	WDSN	293-A	5358000
230.0	5.4628		60 S	60 S	232.0	WDSN	293-A	5358000
231.0	5.0970		60 S	60 S	226.5	WDSN	293-A	5358000
232.0	4.1210		60 S	60 S	214.4	WDSN	293-A	5358000
233.0	3.8633		60 S	60 S	205.2	WDSN	293-A	5358000
234.0	3.1318		60 S	60 S	201.0	WDSN	293-A	5358000
235.0	2.9142		60 S	60 S	201.2	WDSN	293-A	5358000
236.0	2.8241		60 S	60 S	201.9	WDSN	293-A	5358000

BROOKVILLE, PENNSYLVANIA

Translator Type is "Fill In"

08/29/03

LATITUDE: N 41° 07' 11"

ARC = 608.7 meters AMSL

LONGITUDE: W 79° 06' 52"

TERRAIN = 3/30 Arc-Second

BEARING	MAX POWER		-CONTOURS IN DBU-		RADIAL HAAT-m	---LIMITING STATION---		
	IN	WATTS	PROPOSED	EXISTING		CALL	CHAN	FILE
237.0	2.7686		60 S	60 S	201.3	WDSN	293-A	5358000
238.0	2.7008		60 S	60 S	201.4	WDSN	293-A	5358000
239.0	2.6409		60 S	60 S	201.6	WDSN	293-A	5358000
240.0	2.7000		60 S	60 S	199.3	WDSN	293-A	5358000
241.0	2.8391		60 S	60 S	196.3	WDSN	293-A	5358000
242.0	3.0304		60 S	60 S	192.5	WDSN	293-A	5358000
243.0	3.1697		60 S	60 S	191.1	WDSN	293-A	5358000
244.0	3.2559		60 S	60 S	190.1	WDSN	293-A	5358000
245.0	3.2958		60 S	60 S	190.7	WDSN	293-A	5358000
246.0	3.3900		60 S	60 S	192.3	WDSN	293-A	5358000
247.0	3.5386		60 S	60 S	193.3	WDSN	293-A	5358000
248.0	3.7239		60 S	60 S	192.8	WDSN	293-A	5358000
249.0	3.8782		60 S	60 S	191.3	WDSN	293-A	5358000
250.0	4.0529		60 S	60 S	189.9	WDSN	293-A	5358000
251.0	4.2566		60 S	60 S	191.4	WDSN	293-A	5358000
252.0	4.4682		60 S	60 S	193.9	WDSN	293-A	5358000
253.0	4.6655		60 S	60 S	195.8	WDSN	293-A	5358000
254.0	4.8496		60 S	60 S	194.4	WDSN	293-A	5358000
255.0	5.1527		60 S	60 S	192.2	WDSN	293-A	5358000
256.0	5.5320		60 S	60 S	190.8	WDSN	293-A	5358000
257.0	5.8954		60 S	60 S	189.8	WDSN	293-A	5358000
258.0	6.2552		60 S	60 S	186.7	WDSN	293-A	5358000
259.0	6.7206		60 S	60 S	184.0	WDSN	293-A	5358000
260.0	7.4013		60 S	60 S	181.6	WDSN	293-A	5358000
261.0	8.1555		60 S	60 S	179.0	WDSN	293-A	5358000
262.0	8.5140		60 S	60 S	178.4	WDSN	293-A	5358000
263.0	9.0945		60 S	60 S	178.5	WDSN	293-A	5358000
264.0	10.0134		60 S	60 S	177.8	WDSN	293-A	5358000
265.0	10.8964		60 S	60 S	176.5	WDSN	293-A	5358000
266.0	11.9708		60 S	60 S	172.6	WDSN	293-A	5358000
267.0	13.9797		60 S	60 S	168.4	WDSN	293-A	5358000
268.0	15.1278		60 S	60 S	169.8	WDSN	293-A	5358000
269.0	15.3365		60 S	60 S	172.9	WDSN	293-A	5358000
270.0	16.4840		60 S	60 S	175.3	WDSN	293-A	5358000
271.0	17.5625		60 S	60 S	177.8	WDSN	293-A	5358000
272.0	17.4426		60 S	60 S	181.4	WDSN	293-A	5358000
273.0	17.6976		60 S	60 S	183.9	WDSN	293-A	5358000
274.0	18.4751		60 S	60 S	183.5	WDSN	293-A	5358000
275.0	19.4000		60 S	60 S	181.7	WDSN	293-A	5358000
276.0	20.6723		60 S	60 S	180.8	WDSN	293-A	5358000

BROOKVILLE, PENNSYLVANIA

Translator Type is "Fill In"

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BEARING	MAX POWER		-CONTOURS IN DBU-		RADIAL HAAT-m	---LIMITING STATION---		
	IN	WATTS	PROPOSED	EXISTING		CALL	CHAN	FILE
277.0	21.8749		60 S	60 S	180.3	WDSN	293-A	5358000
278.0	23.7911		60 S	60 S	178.5	WDSN	293-A	5358000
279.0	27.4416		60 S	60 S	177.6	WDSN	293-A	5358000
280.0	29.8561		60 S	60 S	175.8	WDSN	293-A	5358000
281.0	33.1016		60 S	60 S	174.3	WDSN	293-A	5358000
282.0	35.6100		60 S	60 S	173.8	WDSN	293-A	5358000
283.0	37.0218		60 S	60 S	174.7	WDSN	293-A	5358000
284.0	39.1659		60 S	60 S	175.2	WDSN	293-A	5358000
285.0	41.5938		60 S	60 S	173.0	WDSN	293-A	5358000
286.0	44.6461		60 S	60 S	170.3	WDSN	293-A	5358000
287.0	46.2161		60 S	60 S	170.0	WDSN	293-A	5358000
288.0	46.9059		60 S	60 S	168.9	WDSN	293-A	5358000
289.0	47.7728		60 S	60 S	166.5	WDSN	293-A	5358000
290.0	49.9656		60 S	60 S	163.1	WDSN	293-A	5358000
291.0	50.4752		60 S	60 S	160.9	WDSN	293-A	5358000
292.0	48.9776		60 S	60 S	160.9	WDSN	293-A	5358000
293.0	48.6735		60 S	60 S	160.9	WDSN	293-A	5358000
294.0	51.5525		60 S	60 S	159.8	WDSN	293-A	5358000
295.0	56.8669		60 S	60 S	157.3	WDSN	293-A	5358000
296.0	64.7863		60 S	60 S	153.9	WDSN	293-A	5358000
297.0	77.4179		60 S	60 S	152.0	WDSN	293-A	5358000
298.0	91.2214		60 S	60 S	151.3	WDSN	293-A	5358000
299.0	97.0192		60 S	60 S	151.4	WDSN	293-A	5358000
300.0	99.1966		60 S	60 S	152.2	WDSN	293-A	5358000
301.0	101.3898		60 S	60 S	152.8	WDSN	293-A	5358000
302.0	102.6229		60 S	60 S	151.5	WDSN	293-A	5358000
303.0	103.4604		60 S	60 S	150.2	WDSN	293-A	5358000
304.0	104.0307		60 S	60 S	150.3	WDSN	293-A	5358000
305.0	102.6270		60 S	60 S	150.7	WDSN	293-A	5358000
306.0	104.1144		60 S	60 S	149.7	WDSN	293-A	5358000
307.0	107.8752		60 S	60 S	148.4	WDSN	293-A	5358000
308.0	109.4869		60 S	60 S	147.8	WDSN	293-A	5358000
309.0	107.1354		60 S	60 S	150.3	WDSN	293-A	5358000
310.0	107.3564		60 S	60 S	149.0	WDSN	293-A	5358000
311.0	110.1020		60 S	60 S	146.2	WDSN	293-A	5358000
312.0	112.9071		60 S	60 S	145.0	WDSN	293-A	5358000
313.0	105.1578		60 S	60 S	149.0	WDSN	293-A	5358000
314.0	101.0680		60 S	60 S	151.4	WDSN	293-A	5358000
315.0	109.5102		60 S	60 S	149.4	WDSN	293-A	5358000
316.0	123.6907		60 S	60 S	146.5	WDSN	293-A	5358000

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BEARING	MAX POWER		-CONTOURS IN DBU-		RADIAL HAAT-m	---LIMITING STATION---		
	IN	WATTS	PROPOSED	EXISTING		CALL	CHAN	FILE
317.0	136.0439		60 S	60 S	141.6	WDSN	293-A	5358000
318.0	147.4171		60 S	60 S	137.2	WDSN	293-A	5358000
319.0	149.8936		34 I	0 S	137.1	Canada	0-	Canada
320.0	153.6752		34 I	0 S	135.1	Canada	0-	Canada
321.0	159.0034		34 I	0 S	132.4	Canada	0-	Canada
322.0	163.4154		34 I	0 S	130.3	Canada	0-	Canada
323.0	168.7024		34 I	0 S	127.8	Canada	0-	Canada
324.0	172.7878		34 I	0 S	126.0	Canada	0-	Canada
325.0	171.3650		34 I	0 S	126.6	Canada	0-	Canada
326.0	166.7002		34 I	0 S	128.8	Canada	0-	Canada
327.0	162.2778		34 I	0 S	131.0	Canada	0-	Canada
328.0	158.5677		34 I	0 S	132.8	Canada	0-	Canada
329.0	149.8040		34 I	0 S	137.4	Canada	0-	Canada
330.0	144.4270		34 I	0 S	140.3	Canada	0-	Canada
331.0	142.3074		34 I	0 S	141.5	Canada	0-	Canada
332.0	146.9216		34 I	0 S	139.0	Canada	0-	Canada
333.0	149.1094		34 I	0 S	137.8	Canada	0-	Canada
334.0	151.6294		34 I	0 S	136.5	Canada	0-	Canada
335.0	152.6966		34 I	0 S	136.0	Canada	0-	Canada
336.0	147.1196		34 I	0 S	139.0	Canada	0-	Canada
337.0	146.2649		34 I	0 S	139.4	Canada	0-	Canada
338.0	148.2254		34 I	0 S	138.4	Canada	0-	Canada
339.0	147.9768		34 I	0 S	138.6	Canada	0-	Canada
340.0	146.4453		34 I	0 S	139.4	Canada	0-	Canada
341.0	144.1880		34 I	0 S	140.7	Canada	0-	Canada
342.0	141.6185		34 I	0 S	142.1	Canada	0-	Canada
343.0	144.0752		34 I	0 S	140.8	Canada	0-	Canada
344.0	144.8652		34 I	0 S	140.3	Canada	0-	Canada
345.0	144.2063		34 I	0 S	140.7	Canada	0-	Canada
346.0	146.9474		34 I	0 S	139.2	Canada	0-	Canada
347.0	150.0491		34 I	0 S	137.6	Canada	0-	Canada
348.0	147.0697		34 I	0 S	139.2	Canada	0-	Canada
349.0	145.0941		34 I	0 S	140.3	Canada	0-	Canada
350.0	146.6917		34 I	0 S	139.4	Canada	0-	Canada
351.0	142.9896		34 I	0 S	141.5	Canada	0-	Canada
352.0	137.0837		34 I	0 S	144.9	Canada	0-	Canada
353.0	132.8341		34 I	0 S	147.4	Canada	0-	Canada
354.0	133.8942		34 I	0 S	146.8	Canada	0-	Canada
355.0	139.3180		34 I	0 S	143.6	Canada	0-	Canada
356.0	149.4006		34 I	0 S	138.0	Canada	0-	Canada

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BEARING	MAX POWER		-CONTOURS IN DBU-		RADIAL HAAT-m	---LIMITING STATION---		
	IN	WATTS	PROPOSED	EXISTING		CALL	CHAN	FILE
357.0	156.7774		34 I	0 S	134.2	Canada	0-	Canada
358.0	165.2139		34 I	0 S	130.0	Canada	0-	Canada
359.0	175.1711		34 I	0 S	125.4	Canada	0-	Canada