

FM Search Results

1 Record Found

DB Updated: 3/6/2008

<u>Call Sign</u>	<u>Stat / Intl St</u>	<u>Country / State / City</u>	<u>File Number</u>				
<u>Freq</u>	<u>Service</u>	<u>Chan - Class - Intl</u>	<u>Border-Dist</u>	<u>Current/Archive</u>	<u>Docket</u>	<u>73 215</u>	<u>Last Update</u>
<u>Current Owner</u>	<u>Antenna ID</u>	<u>DA</u>	<u>Make / Model / Spacing</u>	<u>Orientation</u>	<u>Facility ID</u>	<u>Fac. Status - Date</u>	
<u>Latitude</u>	<u>Longitude</u>	<u>ASRN</u>	<u>Tip AG</u>	<u>Application ID</u>	<u>App Status - Date</u>		
<u>H / V :</u>	<u>ERP</u>	<u>ERP Max</u>	<u>HAAT</u>	<u>AMSL</u>	<u>AGL</u>	<u>Max HAAT</u>	

K261CF	LIC	US	SD	PIERRE	BLFT	19960528TC
100.1 MHz	FX	261	D	C		N 3/30/2005
MICHAEL R GIESELER						
14789	Y	ODD / ODD950511TA /		90	41559	LICSL - 11/30/2007
N 44° 22' 26.0"		W 100° 24' 27.0"		30.50	226388	GRANT - 7/9/1996
H:	0.250(kW)	21.0 m / 69 ft		526.0 m /1,726 ft	24.0 m /79 ft	93.0 m /305 ft

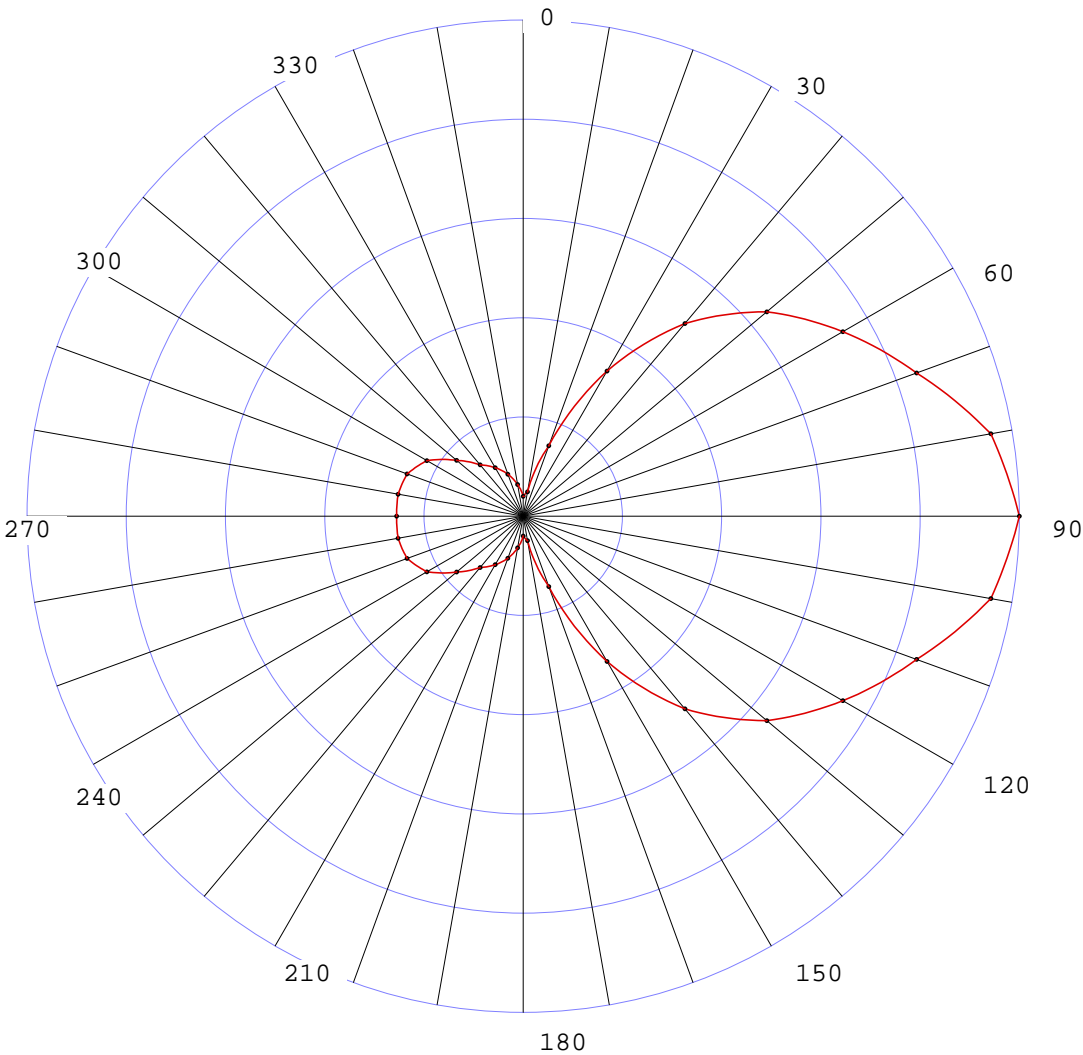
FM Translator - K261CF

Licensed Technical Facilities

K261CF - Pierre, SD - Displacement Search
March 2008

RELATIVE FIELD

RMS: 0.457



0: 0.040	90: 1.000	180: 0.040	270: 0.255
10: 0.050	100: 0.957	190: 0.065	280: 0.256
20: 0.151	110: 0.844	200: 0.090	290: 0.249
30: 0.338	120: 0.744	210: 0.113	300: 0.224
40: 0.507	130: 0.641	220: 0.135	310: 0.175
50: 0.641	140: 0.507	230: 0.175	320: 0.135
60: 0.744	150: 0.338	240: 0.224	330: 0.113
70: 0.844	160: 0.151	250: 0.249	340: 0.090
80: 0.957	170: 0.050	260: 0.256	350: 0.065

FM Translator - K261CF

Licensed Antenna Pattern

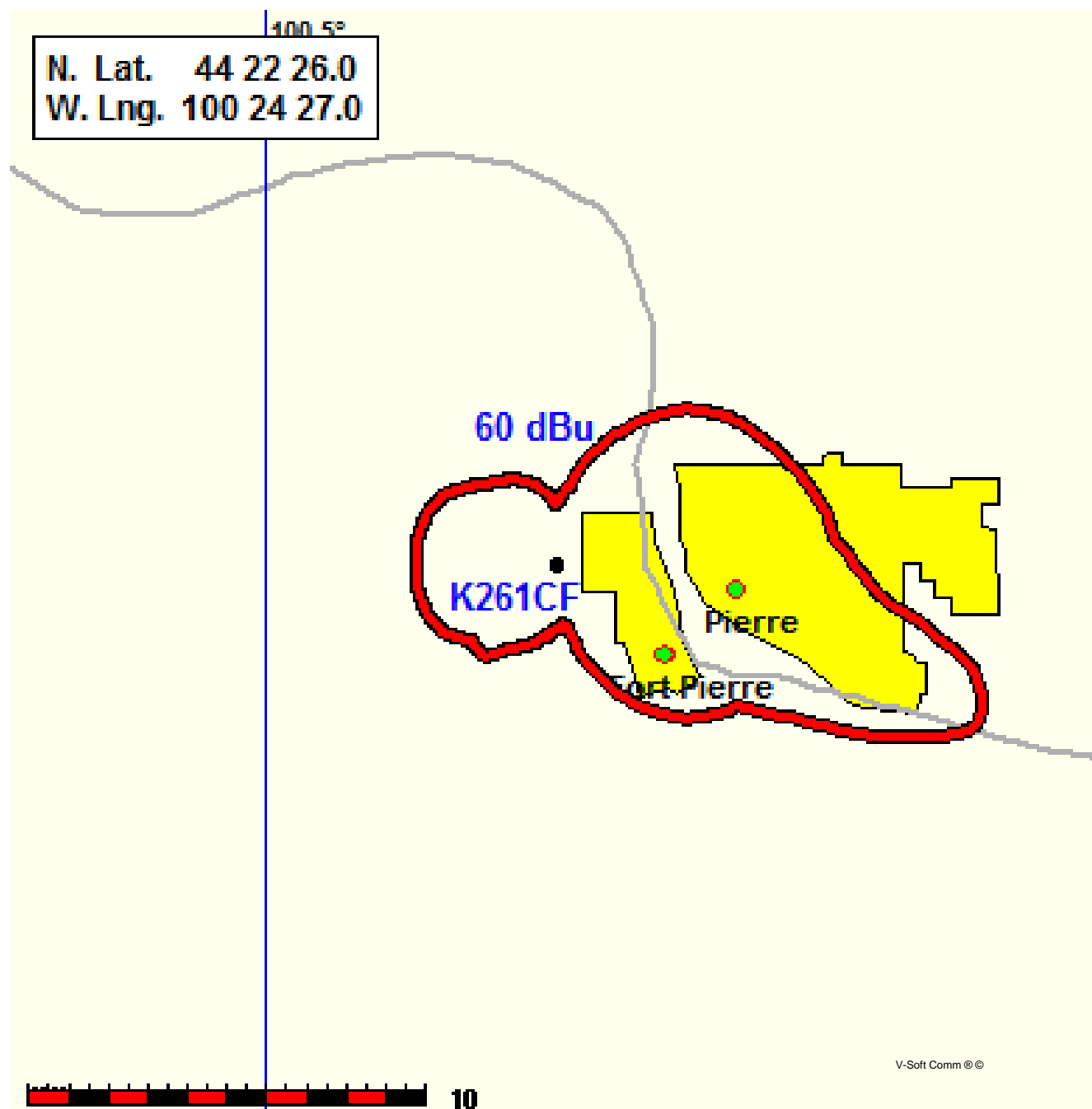
K261CF - Pierre, SD - Displacement Search

March 2008

Michael R Gieseler
DeLaHunt March 2008

Coverage Study
03-07-2008

K261CF CH261 D 0.25 kW 526M COR 21 M HAAT
Prot. = 60 dBu. Population = 15,845



FM Translator Coverage - Ch. 261

Using Licensed Facilities of K261CF

K261CF - Pierre, SD - Displacement Search
March 2008

FM Commander

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Contour-to-Contour Study

File Print Settings Class Channel < Down > Up Find Views Help About

NGDC 30 SEC

DATA: 03-01-08 - Zone 2

N. Lat. 44 22 26.0 526 M COR Contours are detailed Pierre SD k261cf.vsf

W. Lng. 100 24 27.0 0.25 kW DA CH 263. 100.5 D 21.0 M HAAT Job: 03-07-08

<u>Call</u>	<u>Type</u>	<u>Ch</u>	<u>Location</u>		<u>Azi</u>	<u>Dist</u>	<u>In</u>	<u>Out</u>
K261CF	LIC-D	261D	Pierre	SD	0.0	0.00	1.65	1.65
KJBI	LIC	261C1	Fort Pierre	SD	146.5	8.74	-9.18	-47.16*
KMLO	LIC	264C1	Lowry	SD	18.8	105.77	11.15	41.46
AP0284	APP-N	210C3	Pierre	SD	64.2	31.84	11.5R	20.3M
AP4314	APP	210C1	Chamberlain	SD	125.0	78.71	21.5R	57.2M
KIKN-FM	LIC-N	263C1	Salem	SD	111.5	257.57	74.18	146.49

End of Screen List

End of Screen List

In: is kilometers of overlap "received" by translator app
(the translator app is allowed to receive interference)

Out: is kilometers of overlap "**caused**" by translator app
(the translator app is not allowed to cause interference to co-channel or 1st adjacent stations)

KJBI is 2nd adjacent - OK

This Channel is best solution

FM Translator Contour Overlap Analysis - Ch. 263 (N+2) Using Licensed Facilities of K261CF

K261CF - Pierre, SD - Displacement Search
March 2008