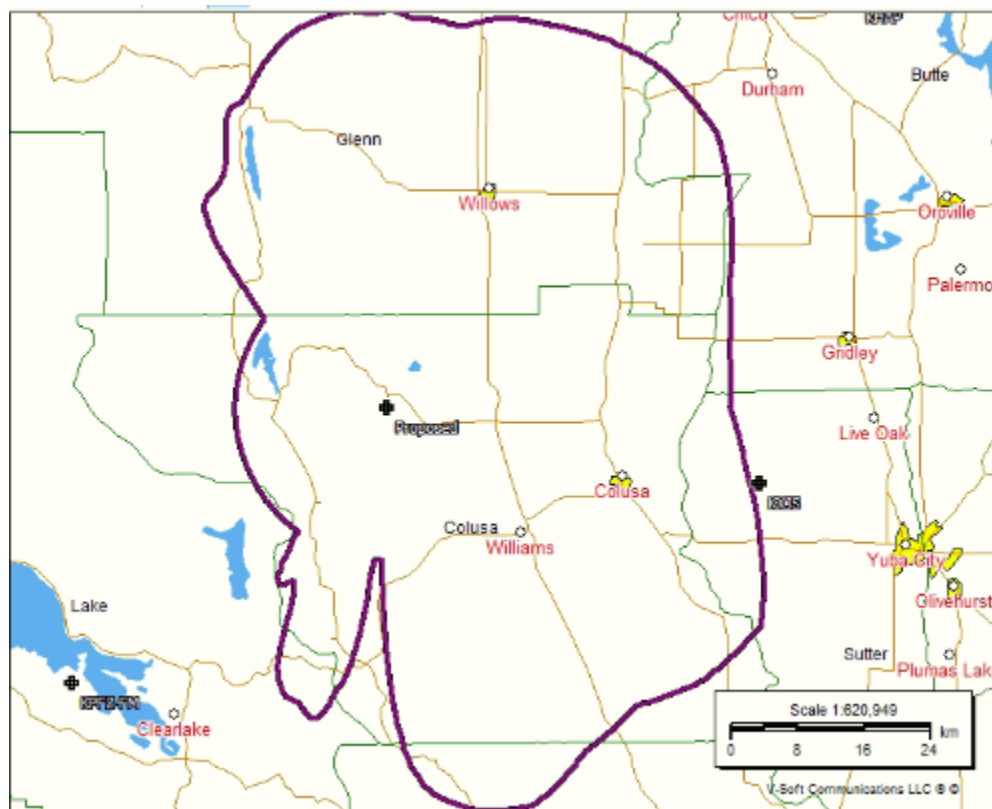


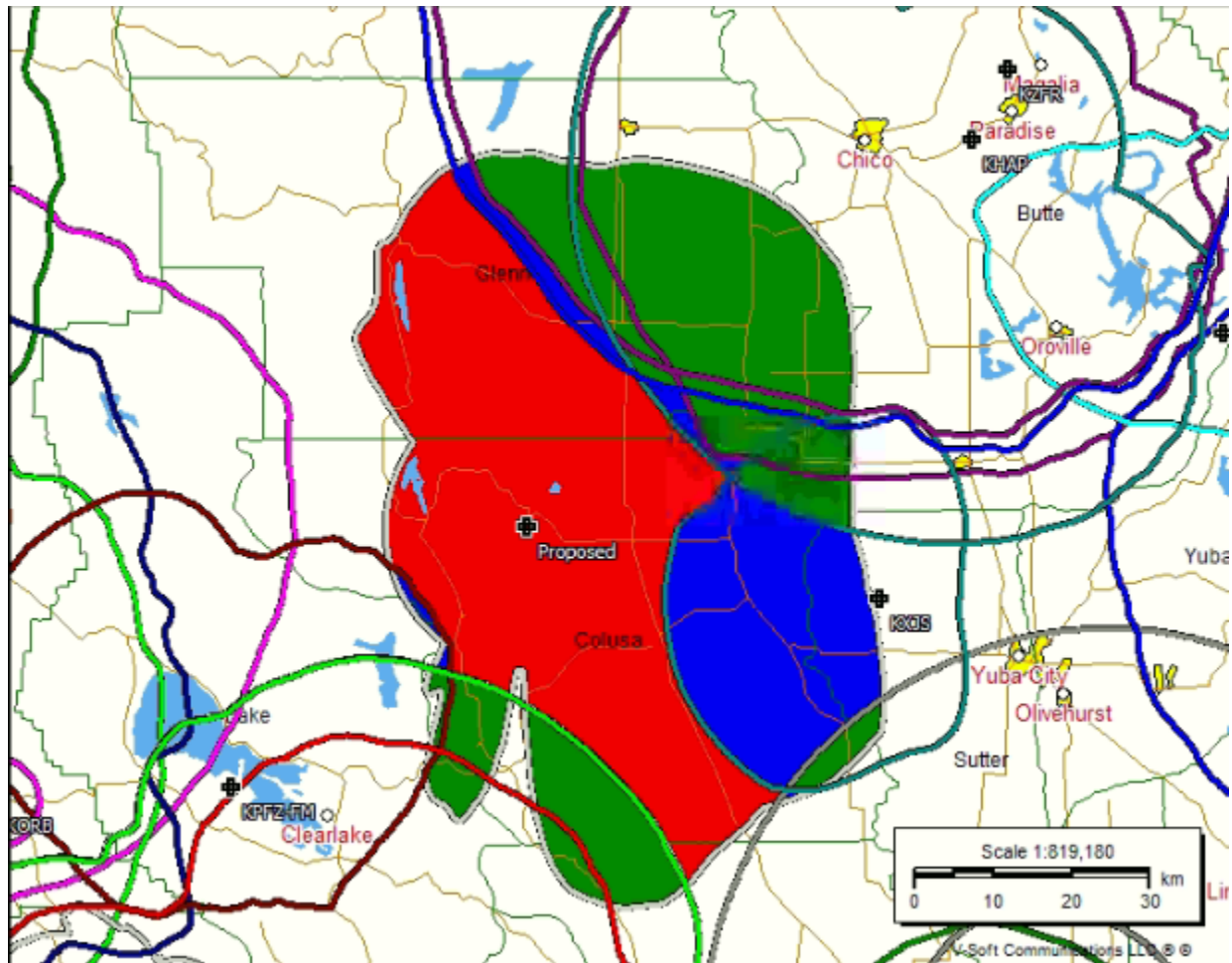
NEW NCE FM

COL	WILLOWS, CALIFORNIA
COOR	39 17 16.5 N. 122 20 05.9 W.
CH	213
ASR	NA
GROUND	376
TOWER	40
AGL	12
COR	388
HAAT	176.6
CLASS	B1
POWER	10
DA	Y
POP	33,049
AREA	4791.1
307B	Y

F(50,50) 60 DBU WITH WILLOWS, CA COM. OF LICENSE



FIRST + SECOND NEW NCE SERVICE



Service Count Population Report

Population Database: 2010 US Census (PL)

	Service Pop	Running Total	%
1st Service	12,306	12,306	37.2
2nd Service	9,466	21,772	65.9
3rd Service (or >)	11,277	33,049	100.0

21772 FIRST+SECOND NCE SERVICE

Common Frequency, Inc

REFERENCE	CH# 213B1- 90.5 MHz, Pwr= 10 kW DA, HAAT= 176.6 M, COR= 388 M	DISPLAY DATES
39 17 16.5 N.	Average Protected F(50-50)= 41.2 km	DATA 10-21-21
122 20 05.9 W.	Standard Directional	SEARCH 10-25-21

CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
212B1 Davis	KDVS	LIC	DCN CA	143.5 323.9	95.42 BLED20130731AQW	38 35 46.70 121 40 52.90	13.000 56	38.6 65	24.8 Regents Of The University	10.1	1.0
213C Tahoe City	KKTO	LIC	VN CA	88.5 270.1	211.38 BLED19970902KB	39 18 37.60 119 53 04.60	38.000 896	169.2 2977	75.9 California State Universit	1.1	31.3
213A Concord	KVHS	LIC	CN CA	168.2 348.4	142.59 BLED20020430AAA	38 01 48.70 122 00 06.90	0.410 137	65.0 209	21.4 Clayton Valley High School	28.7	2.5
214B Philo	KZYX	LIC	CN CA	254.3 73.6	106.78 BLED19891024KD	39 01 21.60 123 31 21.00	3.400 514	82.9 849	55.8 Mendocino County Public Br	5.8	24.2
210B Angwin	KOSC	LIC	CN CA	200.5 20.3	73.35 0000150741	38 40 08.40 122 37 53.90	0.800 933	2.0 1351	52.7 University Of Southern Cal	35.2	17.1
213A Point Reyes Station	KWMR	LIC	D CA	199.1 18.8	141.86 0000116434	38 04 47.70 122 52 01.00	0.320 328	67.4 405	22.4 Kwmr Inc	37.9	18.9
211B1 Chico	KZFR	LIC	CN CA	46.2 226.7	83.76 BLED19900713KD	39 48 24.50 121 37 38.90	6.300 179	4.8 731	57.4 Golden Valley Community Br	27.3	21.4
212B Laytonville	KLAI	LIC	VN CA	293.3 112.5	116.17 BMLD20171102ACB	39 41 37.50 123 34 47.00	0.500 741	62.8 1327	41.8 Redwood Community Radio In	35.2	47.6
215B Sacramento	KXJZ	LIC	CN CA	130.8 311.4	97.77 BLED19841106KS	38 42 37.60 121 28 57.80	50.000 147	5.9 155	51.6 California State Universit	42.2	41.7
213C2 Burney	KIBC	LIC	CN CA	15.0 195.4	182.61 BLED19980206KA	40 52 28.50 121 46 16.90	3.000 444	71.6 1631	21.5 Burney Educational Broadca	62.9	43.6
216A Oroville	KROV	LIC	DCN CA	74.3 255.0	91.45 BLED20130424ACP	39 30 17.50 121 18 38.80	0.225 378	0.6 991	22.6 Bird Street Media Project	48.2	65.5
216A Santa Rosa	KRCG-FM	LIC	CN CA	216.2 35.8	75.27 BLED19931001KB	38 44 24.60 122 50 49.90	0.120 223	0.8 640	5.9 Rural California Broadcast	55.9	67.5
215C1 Red Bluff	KFOI	LIC	DEN CA	15.6 195.8	121.91 BLED20180125ABF	40 20 40.50 121 56 51.90	12.000 419	1.5 926	32.4 Alta California Community	72.1	84.7

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM

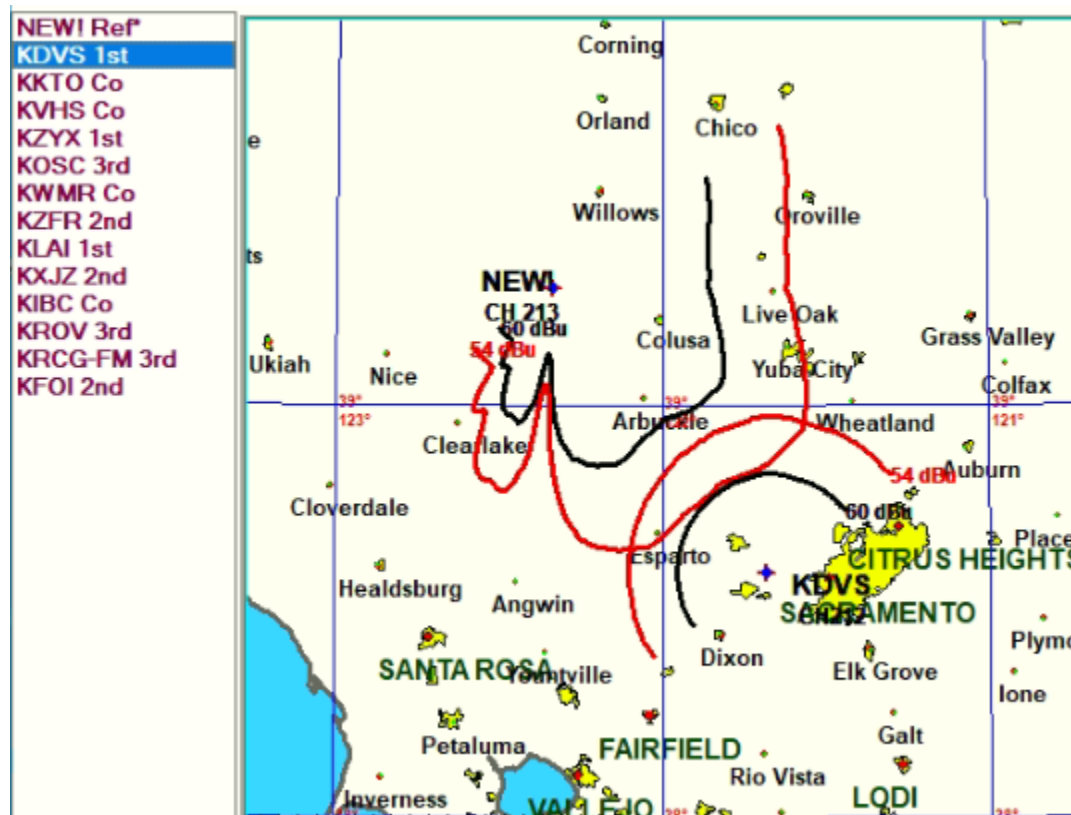
Contour distances are on direct line to and from reference station. Reference Zone= - Zone 1A, Co to 3rd adjacent.

All separation margins (if shown) include rounding.

Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)

« = Station meets FCC minimum distance spacing for its class.

FIRST ADJACENT



10-25-2021 Terrain Data: NGDC 30 SEC FMOver Analysis

NEW!

KDVS BLED20130731AQW

Channel = 213B1
 Max ERP = 10 kW
 RCMSL = 388 m
 N. Lat. 39 17 16.50
 W. Lng. 122 20 05.90
 Protected
 60 dBu

Channel = 212B1
 Max ERP = 13 kW
 RCMSL = 65 m
 N. Lat. 38 35 46.70
 W. Lng. 121 40 52.90
 Interfering
 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual IX (dBu)	IX (km)
083.0	002.6522	0347.7	041.4	349.5	013.0000	0055.1	083.1	42.06	
084.0	002.6317	0348.1	041.4	349.5	013.0000	0055.0	082.4	42.23	
085.0	002.6112	0348.3	041.3	349.4	013.0000	0055.0	081.7	42.41	
086.0	002.5908	0348.4	041.3	349.3	013.0000	0055.0	081.0	42.58	
087.0	002.5705	0348.5	041.2	349.2	013.0000	0055.0	080.3	42.75	
088.0	002.5502	0348.6	041.1	349.1	013.0000	0054.9	079.6	42.91	
089.0	002.5301	0348.7	041.1	348.9	013.0000	0054.9	078.9	43.08	
090.0	002.5100	0348.8	041.0	348.8	013.0000	0054.9	078.2	43.24	
091.0	002.5949	0348.8	041.3	348.9	013.0000	0054.9	077.4	43.43	
092.0	002.6812	0348.9	041.6	348.9	013.0000	0054.9	076.7	43.62	
093.0	002.7689	0348.9	041.8	349.0	013.0000	0054.9	075.9	43.80	

094.0	002.8580	0349.0	042.1		349.1	013.0000	0054.9	075.1	43.99
095.0	002.9485	0349.1	042.3		349.1	013.0000	0054.9	074.3	44.18
096.0	003.0404	0349.2	042.6		349.1	013.0000	0054.9	073.6	44.38
097.0	003.1338	0349.3	042.9		349.1	013.0000	0054.9	072.8	44.57
098.0	003.2285	0349.4	043.1		349.1	013.0000	0054.9	072.0	44.76
099.0	003.3247	0349.4	043.4		349.1	013.0000	0054.9	071.2	44.96
100.0	003.4222	0349.4	043.6		349.1	013.0000	0054.9	070.4	45.15
101.0	003.6012	0349.3	044.0		349.2	013.0000	0055.0	069.5	45.37
102.0	003.7847	0349.2	044.4		349.2	013.0000	0055.0	068.7	45.59
103.0	003.9728	0349.1	044.8		349.3	013.0000	0055.0	067.8	45.81
104.0	004.1654	0349.0	045.2		349.3	013.0000	0055.0	066.9	46.03
105.0	004.3626	0348.8	045.6		349.3	013.0000	0055.0	066.0	46.25
106.0	004.5644	0348.7	046.0		349.3	013.0000	0055.0	065.1	46.47
107.0	004.7707	0348.6	046.4		349.3	013.0000	0055.0	064.2	46.70
108.0	004.9815	0348.4	046.8		349.2	013.0000	0055.0	063.3	46.93
109.0	005.1970	0348.3	047.2		349.2	013.0000	0055.0	062.5	47.16
110.0	005.4170	0348.2	047.5		349.1	013.0000	0054.9	061.6	47.40
111.0	005.7002	0348.0	048.0		349.0	013.0000	0054.9	060.6	47.66
112.0	005.9908	0347.8	048.4		348.9	013.0000	0054.9	059.7	47.93
113.0	006.2885	0347.6	048.9		348.8	013.0000	0054.9	058.7	48.20
114.0	006.5934	0347.4	049.3		348.7	013.0000	0054.8	057.8	48.47
115.0	006.9056	0347.2	049.7		348.5	013.0000	0054.8	056.8	48.75
116.0	007.2250	0346.9	050.1		348.3	013.0000	0054.7	055.9	49.02
117.0	007.5516	0346.7	050.5		348.0	013.0000	0054.7	055.0	49.29
118.0	007.8854	0346.4	050.9		347.8	013.0000	0054.6	054.0	49.57
119.0	008.2265	0346.1	051.3		347.4	013.0000	0054.6	053.1	49.84
120.0	008.5748	0345.8	051.6		347.1	013.0000	0054.5	052.2	50.11
121.0	008.4401	0345.4	051.5		346.2	013.0000	0054.4	051.7	50.26
122.0	008.3065	0345.1	051.3		345.4	013.0000	0054.4	051.2	50.40
123.0	008.1740	0344.9	051.1		344.5	013.0000	0054.3	050.7	50.54
124.0	008.0425	0344.6	051.0		343.6	013.0000	0054.3	050.3	50.67
125.0	007.9121	0344.2	050.8		342.7	013.0000	0054.3	049.9	50.79
126.0	007.7828	0343.9	050.6		341.8	013.0000	0054.2	049.5	50.90
127.0	007.6545	0343.6	050.5		340.8	013.0000	0054.1	049.1	51.00
128.0	007.5273	0343.4	050.3		339.8	013.0000	0053.9	048.8	51.07
129.0	007.4012	0343.2	050.1		338.8	013.0000	0053.6	048.5	51.11
130.0	007.2761	0343.0	049.9		337.8	013.0000	0053.2	048.2	51.15
131.0	007.0291	0342.8	049.6		336.7	013.0000	0052.9	048.2	51.13
132.0	006.7865	0342.5	049.3		335.6	013.0000	0052.5	048.1	51.09
133.0	006.5480	0342.1	048.9		334.5	013.0000	0052.2	048.1	51.04
134.0	006.3139	0341.8	048.5		333.4	013.0000	0051.9	048.2	50.99
135.0	006.0840	0341.4	048.2		332.3	013.0000	0051.6	048.3	50.92
136.0	005.8584	0340.9	047.8		331.3	013.0000	0051.3	048.4	50.84
137.0	005.6370	0340.4	047.4		330.2	013.0000	0051.0	048.6	50.76
138.0	005.4199	0339.9	047.0		329.2	013.0000	0050.9	048.8	50.67
139.0	005.2071	0339.4	046.6		328.1	013.0000	0050.7	049.1	50.58
140.0	004.9985	0338.9	046.2		327.1	013.0000	0050.7	049.3	50.49
141.0	005.1051	0338.3	046.4		326.2	013.0000	0050.7	049.1	50.56
142.0	005.2128	0337.6	046.5		325.3	013.0000	0050.7	048.9	50.62
143.0	005.3217	0336.8	046.7		324.3	013.0000	0050.6	048.8	50.65
144.0	005.4317	0335.8	046.8		323.4	013.0000	0050.4	048.6	50.66
145.0	005.5428	0334.6	046.9		322.4	013.0000	0050.2	048.6	50.65
146.0	005.6550	0333.5	047.0		321.4	013.0000	0049.9	048.5	50.62
147.0	005.7684	0332.4	047.1		320.5	013.0000	0049.6	048.5	50.59
148.0	005.8829	0331.2	047.2		319.5	013.0000	0049.4	048.5	50.56
149.0	005.9985	0329.7	047.3		318.5	013.0000	0049.2	048.6	50.51
150.0	006.1152	0328.2	047.4		317.5	013.0000	0049.0	048.7	50.45
151.0	006.4369	0326.6	047.8		316.5	013.0000	0048.8	048.5	50.47
152.0	006.7667	0325.2	048.1		315.4	013.0000	0048.6	048.4	50.48
153.0	007.1048	0323.9	048.5		314.3	013.0000	0048.5	048.3	50.49
154.0	007.4511	0322.7	048.9		313.2	013.0000	0048.4	048.3	50.49

155.0	007.8057	0321.4	049.2		312.1	013.0000	0048.4	048.3	50.48
156.0	008.1685	0320.0	049.5		311.0	013.0000	0048.4	048.3	50.46
157.0	008.5396	0318.3	049.8		310.0	013.0000	0048.3	048.4	50.42
158.0	008.9189	0316.3	050.1		308.9	013.0000	0048.2	048.6	50.35
159.0	009.3065	0314.0	050.3		307.9	013.0000	0048.0	048.9	50.25
160.0	009.7023	0311.5	050.6		306.9	013.0000	0047.8	049.2	50.14
161.0	009.7318	0308.9	050.4		306.1	013.0000	0047.7	049.8	49.95
162.0	009.7614	0306.2	050.3		305.4	013.0000	0047.6	050.4	49.76
163.0	009.7911	0303.6	050.1		304.7	013.0000	0047.5	051.1	49.56
164.0	009.8208	0301.0	050.0		304.1	013.0000	0047.4	051.7	49.36
165.0	009.8506	0298.1	049.8		303.5	013.0000	0047.4	052.4	49.16
166.0	009.8804	0294.7	049.6		302.9	013.0000	0047.4	053.2	48.95
167.0	009.9102	0290.4	049.4		302.4	013.0000	0047.4	054.0	48.73
168.0	009.9401	0285.0	049.0		302.1	013.0000	0047.5	054.8	48.49
169.0	009.9700	0278.8	048.6		301.8	013.0000	0047.5	055.7	48.24
170.0	010.0000	0271.6	048.1		301.6	013.0000	0047.5	056.7	47.98
171.0	010.0000	0264.7	047.7		301.4	013.0000	0047.6	057.6	47.72
172.0	010.0000	0258.0	047.2		301.2	013.0000	0047.6	058.6	47.47
173.0	010.0000	0250.4	046.7		301.1	013.0000	0047.6	059.5	47.21
174.0	010.0000	0240.4	046.0		301.2	013.0000	0047.6	060.6	46.93
175.0	010.0000	0224.9	044.9		301.6	013.0000	0047.5	061.9	46.59
176.0	010.0000	0206.6	043.6		302.1	013.0000	0047.5	063.3	46.23
177.0	010.0000	0185.6	041.9		302.9	013.0000	0047.4	064.9	45.85
178.0	010.0000	0158.4	039.2		304.5	013.0000	0047.5	067.0	45.36
179.0	010.0000	0130.5	035.9		306.4	013.0000	0047.7	069.5	44.80
180.0	010.0000	0100.9	032.0		308.6	013.0000	0048.1	072.3	44.17
181.0	010.0000	0071.0	027.1		311.3	013.0000	0048.4	075.8	43.37
182.0	010.0000	0040.9	021.0		314.5	013.0000	0048.5	080.1	42.40
183.0	010.0000	0010.3	018.1		315.8	013.0000	0048.7	082.3	41.89
184.0	010.0000	0006.1	018.1		315.7	013.0000	0048.7	082.5	41.84
185.0	010.0000	0018.7	018.1		315.5	013.0000	0048.7	082.8	41.78
186.0	010.0000	0038.3	020.3		314.2	013.0000	0048.5	081.7	42.03
187.0	010.0000	0061.0	025.4		311.1	013.0000	0048.4	079.0	42.63
188.0	010.0000	0083.4	029.1		308.6	013.0000	0048.1	077.5	42.98
189.0	010.0000	0098.6	031.6		306.8	013.0000	0047.8	076.8	43.12
190.0	010.0000	0109.3	033.3		305.5	013.0000	0047.6	076.5	43.16
191.0	010.0000	0121.6	034.9		304.2	013.0000	0047.4	076.4	43.17
192.0	010.0000	0135.4	036.5		302.9	013.0000	0047.4	076.4	43.17
193.0	010.0000	0143.8	037.5		302.0	013.0000	0047.5	076.7	43.11
194.0	010.0000	0146.0	037.8		301.7	013.0000	0047.5	077.3	42.99
195.0	010.0000	0143.7	037.5		301.7	013.0000	0047.5	078.0	42.83
196.0	010.0000	0139.8	037.0		301.9	013.0000	0047.5	078.7	42.65
197.0	010.0000	0136.1	036.6		302.1	013.0000	0047.5	079.5	42.48
198.0	010.0000	0135.6	036.5		302.1	013.0000	0047.5	080.1	42.34
199.0	010.0000	0135.8	036.6		301.9	013.0000	0047.5	080.7	42.20
200.0	010.0000	0134.3	036.4		302.0	013.0000	0047.5	081.4	42.04
201.0	010.0000	0130.3	035.9		302.2	013.0000	0047.5	082.1	41.88
202.0	010.0000	0124.2	035.2		302.6	013.0000	0047.4	082.8	41.70

10-25-2021 Terrain Data: NGDC 30 SEC FMOver Analysis

KDVS BLED20130731AQW

NEW!

Channel = 212B1

Max ERP = 13 kW

RCAMSL = 65 m

N. Lat. 38 35 46.70

W. Lng. 121 40 52.90

Channel = 213B1

Max ERP = 10 kW

RCAMSL = 388 m

N. Lat. 39 17 16.50

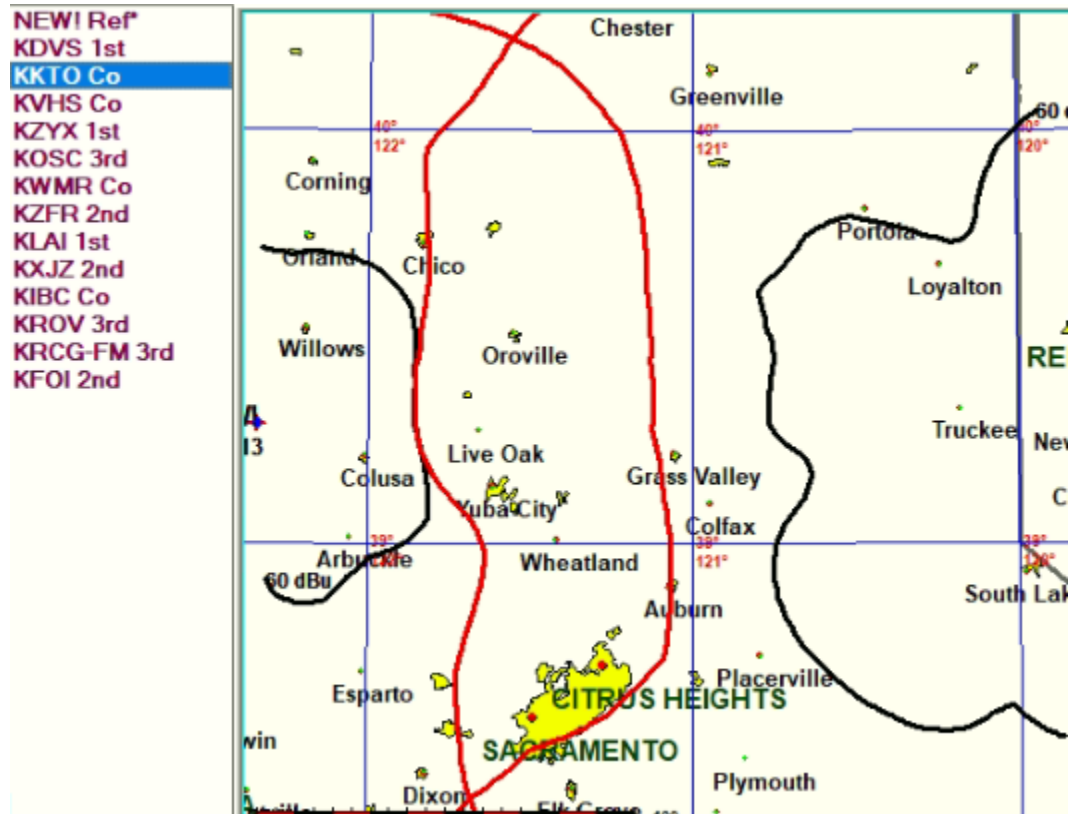
W. Lng. 122 20 05.90

Protected 60 dBu				Interfering 54 dBu					
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
----- -----									
264.0	013.0000	0046.1	023.7	157.3	008.6392	0317.8	085.9	49.91	
265.0	013.0000	0046.2	023.7	157.2	008.6109	0318.0	085.5	50.03	
266.0	013.0000	0046.1	023.7	157.1	008.5774	0318.1	085.2	50.14	
267.0	013.0000	0046.1	023.7	157.0	008.5423	0318.3	084.8	50.26	
268.0	013.0000	0046.1	023.7	156.9	008.5027	0318.5	084.4	50.37	
269.0	013.0000	0046.0	023.7	156.8	008.4600	0318.7	084.0	50.47	
270.0	013.0000	0045.9	023.6	156.7	008.4157	0318.9	083.6	50.58	
271.0	013.0000	0045.9	023.6	156.5	008.3698	0319.1	083.3	50.68	
272.0	013.0000	0045.8	023.6	156.4	008.3222	0319.4	082.9	50.78	
273.0	013.0000	0045.9	023.6	156.3	008.2803	0319.6	082.5	50.89	
274.0	013.0000	0045.9	023.7	156.2	008.2375	0319.7	082.1	51.00	
275.0	013.0000	0046.0	023.7	156.1	008.1929	0319.9	081.8	51.10	
276.0	013.0000	0046.1	023.7	155.9	008.1465	0320.1	081.4	51.21	
277.0	013.0000	0046.2	023.7	155.8	008.0977	0320.3	081.0	51.31	
278.0	013.0000	0046.3	023.7	155.7	008.0439	0320.5	080.7	51.40	
279.0	013.0000	0046.3	023.7	155.5	007.9870	0320.8	080.3	51.49	
280.0	013.0000	0046.2	023.7	155.3	007.9248	0321.0	080.0	51.58	
281.0	013.0000	0046.2	023.7	155.2	007.8614	0321.2	079.6	51.66	
282.0	013.0000	0046.2	023.7	155.0	007.7982	0321.5	079.3	51.75	
283.0	013.0000	0046.2	023.7	154.8	007.7377	0321.7	079.0	51.83	
284.0	013.0000	0046.4	023.8	154.6	007.6767	0321.9	078.6	51.92	
285.0	013.0000	0046.5	023.8	154.5	007.6140	0322.1	078.3	52.01	
286.0	013.0000	0046.6	023.8	154.3	007.5491	0322.3	078.0	52.09	
287.0	013.0000	0046.6	023.8	154.1	007.4800	0322.6	077.6	52.16	
288.0	013.0000	0046.7	023.8	153.9	007.4086	0322.8	077.3	52.24	
289.0	013.0000	0046.7	023.8	153.7	007.3348	0323.1	077.0	52.30	
290.0	013.0000	0046.7	023.8	153.4	007.2578	0323.4	076.7	52.37	
291.0	013.0000	0046.7	023.8	153.2	007.1785	0323.6	076.5	52.42	
292.0	013.0000	0046.7	023.8	153.0	007.0988	0323.9	076.2	52.48	
293.0	013.0000	0046.7	023.8	152.7	007.0189	0324.2	075.9	52.53	
294.0	013.0000	0046.8	023.9	152.5	006.9406	0324.5	075.6	52.59	
295.0	013.0000	0046.9	023.9	152.3	006.8618	0324.8	075.4	52.65	
296.0	013.0000	0047.1	023.9	152.0	006.7819	0325.1	075.1	52.71	
297.0	013.0000	0047.2	024.0	151.8	006.7007	0325.4	074.8	52.76	
298.0	013.0000	0047.4	024.0	151.6	006.6184	0325.8	074.5	52.81	
299.0	013.0000	0047.5	024.0	151.3	006.5348	0326.2	074.3	52.86	
300.0	013.0000	0047.6	024.1	151.0	006.4484	0326.5	074.0	52.90	
301.0	013.0000	0047.6	024.1	150.8	006.3571	0327.0	073.8	52.93	
302.0	013.0000	0047.5	024.0	150.5	006.2626	0327.4	073.6	52.94	
303.0	013.0000	0047.4	024.0	150.2	006.1681	0327.9	073.5	52.95	
304.0	013.0000	0047.4	024.0	149.9	006.1007	0328.4	073.3	52.99	
305.0	013.0000	0047.5	024.0	149.6	006.0670	0328.8	073.1	53.05	
306.0	013.0000	0047.7	024.1	149.3	006.0332	0329.3	072.9	53.11	
307.0	013.0000	0047.8	024.1	149.0	005.9993	0329.7	072.7	53.18	
308.0	013.0000	0048.0	024.2	148.7	005.9650	0330.2	072.5	53.24	
309.0	013.0000	0048.2	024.2	148.4	005.9301	0330.6	072.3	53.29	
310.0	013.0000	0048.3	024.2	148.1	005.8944	0331.0	072.1	53.34	
311.0	013.0000	0048.4	024.2	147.8	005.8580	0331.5	072.0	53.38	
312.0	013.0000	0048.4	024.3	147.5	005.8212	0331.9	071.8	53.41	
313.0	013.0000	0048.4	024.3	147.1	005.7842	0332.3	071.7	53.44	
314.0	013.0000	0048.5	024.3	146.8	005.7471	0332.6	071.6	53.46	
315.0	013.0000	0048.6	024.3	146.5	005.7100	0333.0	071.5	53.49	
316.0	013.0000	0048.7	024.3	146.2	005.6727	0333.3	071.4	53.51	
317.0	013.0000	0048.9	024.4	145.8	005.6354	0333.7	071.3	53.53	

318.0	013.0000	0049.1	024.4		145.5	005.5980	0334.1	071.2	53.56
319.0	013.0000	0049.3	024.5		145.2	005.5604	0334.5	071.1	53.58
320.0	013.0000	0049.5	024.5		144.8	005.5226	0334.8	071.0	53.59
321.0	013.0000	0049.8	024.6		144.5	005.4846	0335.2	070.9	53.61
322.0	013.0000	0050.0	024.6		144.1	005.4464	0335.6	070.8	53.62
323.0	013.0000	0050.3	024.7		143.8	005.4081	0336.0	070.7	53.63
324.0	013.0000	0050.6	024.8		143.4	005.3696	0336.3	070.7	53.64
325.0	013.0000	0050.7	024.8		143.1	005.3311	0336.7	070.6	53.62
326.0	013.0000	0050.7	024.8		142.7	005.2927	0337.0	070.7	53.60
327.0	013.0000	0050.7	024.8		142.4	005.2546	0337.3	070.7	53.57
328.0	013.0000	0050.7	024.8		142.0	005.2166	0337.6	070.7	53.53
329.0	013.0000	0050.8	024.8		141.7	005.1786	0337.8	070.7	53.50
330.0	013.0000	0051.0	024.9		141.3	005.1407	0338.1	070.8	53.47
331.0	013.0000	0051.2	024.9		141.0	005.1027	0338.3	070.8	53.44
332.0	013.0000	0051.5	025.0		140.6	005.0647	0338.5	070.8	53.41
333.0	013.0000	0051.7	025.0		140.3	005.0267	0338.7	070.8	53.37
334.0	013.0000	0052.0	025.1		139.9	005.0172	0338.9	070.9	53.36
335.0	013.0000	0052.3	025.2		139.6	005.0913	0339.1	070.9	53.41
336.0	013.0000	0052.6	025.2		139.2	005.1660	0339.3	071.0	53.46
337.0	013.0000	0052.9	025.3		138.8	005.2412	0339.5	071.0	53.51
338.0	013.0000	0053.3	025.4		138.5	005.3168	0339.7	071.1	53.55
339.0	013.0000	0053.6	025.5		138.1	005.3933	0339.9	071.2	53.59
340.0	013.0000	0054.0	025.5		137.8	005.4698	0340.1	071.3	53.62
341.0	013.0000	0054.2	025.6		137.4	005.5445	0340.2	071.4	53.64
342.0	013.0000	0054.2	025.6		137.1	005.6170	0340.4	071.6	53.64
343.0	013.0000	0054.3	025.6		136.8	005.6884	0340.6	071.8	53.64
344.0	013.0000	0054.3	025.6		136.4	005.7593	0340.7	072.0	53.63
345.0	013.0000	0054.3	025.6		136.1	005.8300	0340.9	072.2	53.61
346.0	013.0000	0054.4	025.6		135.8	005.9007	0341.0	072.4	53.60
347.0	013.0000	0054.5	025.7		135.5	005.9716	0341.1	072.6	53.58
348.0	013.0000	0054.7	025.7		135.2	006.0429	0341.3	072.8	53.56
349.0	013.0000	0054.9	025.7		134.9	006.1151	0341.4	073.0	53.55
350.0	013.0000	0055.2	025.8		134.5	006.1883	0341.5	073.2	53.53
351.0	013.0000	0055.6	025.9		134.2	006.2630	0341.7	073.4	53.52
352.0	013.0000	0056.1	026.0		133.9	006.3394	0341.8	073.6	53.51
353.0	013.0000	0056.7	026.1		133.6	006.4186	0341.9	073.8	53.50
354.0	013.0000	0057.4	026.2		133.2	006.4975	0342.1	074.0	53.49
355.0	013.0000	0057.8	026.3		132.9	006.5717	0342.2	074.2	53.46
356.0	013.0000	0058.0	026.4		132.6	006.6381	0342.3	074.5	53.41
357.0	013.0000	0058.3	026.4		132.3	006.7061	0342.4	074.8	53.36
358.0	013.0000	0058.6	026.5		132.0	006.7751	0342.5	075.0	53.31
359.0	013.0000	0059.0	026.6		131.8	006.8431	0342.6	075.3	53.25
000.0	013.0000	0059.0	026.6		131.5	006.9009	0342.6	075.7	53.17
001.0	013.0000	0059.0	026.6		131.3	006.9571	0342.7	076.0	53.09
002.0	013.0000	0059.0	026.6		131.1	007.0120	0342.8	076.4	53.00
003.0	013.0000	0059.0	026.6		130.9	007.0653	0342.8	076.7	52.91
004.0	013.0000	0059.0	026.6		130.6	007.1173	0342.9	077.1	52.82
005.0	013.0000	0059.0	026.6		130.4	007.1677	0342.9	077.5	52.72
006.0	013.0000	0059.0	026.6		130.2	007.2166	0343.0	077.9	52.62
007.0	013.0000	0059.0	026.6		130.0	007.2639	0343.0	078.2	52.52
008.0	013.0000	0059.0	026.6		129.9	007.2923	0343.1	078.6	52.40
009.0	013.0000	0058.9	026.5		129.7	007.3138	0343.1	079.0	52.28
010.0	013.0000	0058.9	026.5		129.5	007.3346	0343.1	079.4	52.16
011.0	013.0000	0058.7	026.5		129.4	007.3517	0343.2	079.9	52.02
012.0	013.0000	0058.3	026.4		129.3	007.3653	0343.2	080.3	51.88
013.0	013.0000	0057.9	026.4		129.2	007.3787	0343.2	080.8	51.74
014.0	013.0000	0057.8	026.3		129.1	007.3943	0343.2	081.2	51.61
015.0	013.0000	0057.7	026.3		128.9	007.4110	0343.2	081.6	51.48
016.0	013.0000	0057.7	026.3		128.8	007.4261	0343.3	082.0	51.35
017.0	013.0000	0057.6	026.3		128.7	007.4399	0343.3	082.5	51.21
018.0	013.0000	0057.5	026.3		128.6	007.4530	0343.3	082.9	51.08

019.0	013.0000	0057.4	026.3		128.5	007.4668	0343.3	083.3	50.94
020.0	013.0000	0057.5	026.3		128.4	007.4805	0343.3	083.8	50.81
021.0	013.0000	0057.5	026.3		128.3	007.4939	0343.3	084.2	50.67
022.0	013.0000	0057.7	026.3		128.2	007.5081	0343.4	084.6	50.54
023.0	013.0000	0058.0	026.4		128.0	007.5236	0343.4	085.1	50.41

CO-CHANNEL



10-25-2021 Terrain Data: NGDC 30 SEC FMOver Analysis

NEW!

KKTO BLED19970902KB

Channel = 213B1
Max ERP = 10 kW
RCAMSL = 388 m
N. Lat. 39 17 16.50
W. Lng. 122 20 05.90
Protected
60 dBu

Channel = 213C
Max ERP = 38 kW
RCAMSL = 2977 m
N. Lat. 39 18 37.60
W. Lng. 119 53 04.60
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)		Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
----- -----										
029.0	010.0000	0313.6	051.0		283.5	038.0000	0498.6	190.6	35.80	
030.0	010.0000	0316.3	051.2		283.4	038.0000	0498.3	189.7	35.96	
031.0	010.0000	0318.8	051.3		283.4	038.0000	0498.0	188.8	36.12	
032.0	010.0000	0320.9	051.5		283.3	038.0000	0497.5	187.9	36.28	
033.0	010.0000	0322.7	051.6		283.3	038.0000	0496.9	187.0	36.44	
034.0	010.0000	0324.3	051.7		283.2	038.0000	0496.3	186.1	36.59	

035.0	010.0000	0325.8	051.8		283.1	038.0000	0495.6	185.3	36.74
036.0	010.0000	0327.2	051.9		283.0	038.0000	0494.8	184.4	36.90
037.0	010.0000	0328.5	052.0		282.9	038.0000	0494.0	183.5	37.05
038.0	010.0000	0329.7	052.0		282.8	038.0000	0493.2	182.7	37.20
039.0	010.0000	0330.7	052.1		282.7	038.0000	0492.3	181.9	37.35
040.0	010.0000	0331.4	052.2		282.6	038.0000	0491.5	181.0	37.50
041.0	009.8903	0332.0	052.1		282.4	038.0000	0490.4	180.3	37.64
042.0	009.7812	0332.4	052.0		282.3	038.0000	0489.5	179.5	37.78
043.0	009.6727	0332.7	051.9		282.1	038.0000	0488.7	178.8	37.92
044.0	009.5648	0333.0	051.8		281.9	038.0000	0488.0	178.1	38.05
045.0	009.4576	0333.2	051.8		281.7	038.0000	0487.3	177.4	38.19
046.0	009.3509	0333.4	051.7		281.5	038.0000	0486.8	176.7	38.33
047.0	009.2448	0333.7	051.6		281.3	038.0000	0486.3	176.0	38.47
048.0	009.1394	0334.1	051.5		281.1	038.0000	0486.1	175.4	38.62
049.0	009.0345	0334.4	051.4		280.9	038.0000	0486.1	174.7	38.76
050.0	008.9302	0334.8	051.3		280.7	038.0000	0486.2	174.1	38.90
051.0	008.5674	0335.2	051.0		280.4	038.0000	0486.7	173.7	39.00
052.0	008.2120	0335.6	050.6		280.1	038.0000	0487.3	173.3	39.10
053.0	007.8641	0336.0	050.2		279.8	038.0000	0487.8	172.9	39.19
054.0	007.5238	0336.5	049.8		279.5	038.0000	0488.3	172.5	39.28
055.0	007.1910	0337.1	049.5		279.3	038.0000	0488.5	172.2	39.35
056.0	006.8658	0337.8	049.1		279.0	038.0000	0488.5	171.9	39.41
057.0	006.5480	0338.4	048.7		278.6	038.0000	0488.2	171.7	39.47
058.0	006.2378	0338.9	048.3		278.3	038.0000	0487.9	171.5	39.51
059.0	005.9352	0339.4	047.8		278.0	038.0000	0487.6	171.3	39.54
060.0	005.6400	0339.8	047.4		277.7	038.0000	0487.2	171.2	39.57
061.0	005.4111	0340.1	047.0		277.4	038.0000	0486.8	171.0	39.61
062.0	005.1869	0340.3	046.7		277.1	038.0000	0486.5	170.8	39.64
063.0	004.9674	0340.4	046.3		276.8	038.0000	0486.3	170.7	39.66
064.0	004.7527	0340.4	045.9		276.5	038.0000	0486.6	170.6	39.69
065.0	004.5428	0340.4	045.5		276.2	038.0000	0487.4	170.5	39.71
066.0	004.3375	0340.4	045.1		275.9	038.0000	0488.5	170.5	39.74
067.0	004.1371	0340.7	044.7		275.6	038.0000	0489.7	170.5	39.76
068.0	003.9413	0341.0	044.3		275.3	038.0000	0491.1	170.5	39.78
069.0	003.7503	0341.4	043.9		275.1	038.0000	0492.4	170.5	39.80
070.0	003.5641	0341.8	043.5		274.8	038.0000	0493.4	170.6	39.80
071.0	003.4739	0342.2	043.3		274.5	038.0000	0493.7	170.5	39.83
072.0	003.3849	0342.7	043.1		274.2	038.0000	0493.2	170.4	39.84
073.0	003.2971	0343.2	042.9		274.0	038.0000	0492.3	170.3	39.85
074.0	003.2104	0343.7	042.8		273.7	038.0000	0491.3	170.2	39.84
075.0	003.1248	0344.2	042.6		273.5	038.0000	0490.4	170.2	39.84
076.0	003.0404	0344.8	042.4		273.2	038.0000	0489.7	170.2	39.83
077.0	002.9572	0345.2	042.2		272.9	038.0000	0489.2	170.2	39.82
078.0	002.8751	0345.6	042.0		272.7	038.0000	0488.4	170.2	39.80
079.0	002.7942	0346.0	041.7		272.4	038.0000	0488.2	170.3	39.79
080.0	002.7144	0346.3	041.5		272.2	038.0000	0488.1	170.3	39.77
081.0	002.6936	0346.8	041.5		271.9	038.0000	0488.0	170.2	39.79
082.0	002.6729	0347.2	041.4		271.7	038.0000	0487.9	170.2	39.80
083.0	002.6522	0347.7	041.4		271.4	038.0000	0487.8	170.1	39.81
084.0	002.6317	0348.1	041.4		271.2	038.0000	0487.7	170.1	39.82
085.0	002.6112	0348.3	041.3		271.0	038.0000	0487.6	170.1	39.82
086.0	002.5908	0348.4	041.3		270.7	038.0000	0487.4	170.1	39.82
087.0	002.5705	0348.5	041.2		270.5	038.0000	0487.3	170.1	39.81
088.0	002.5502	0348.6	041.1		270.2	038.0000	0487.1	170.1	39.80
089.0	002.5301	0348.7	041.1		270.0	038.0000	0487.0	170.2	39.78
090.0	002.5100	0348.8	041.0		269.7	038.0000	0486.8	170.3	39.76
091.0	002.5949	0348.8	041.3		269.5	038.0000	0486.6	170.0	39.81
092.0	002.6812	0348.9	041.6		269.2	038.0000	0486.4	169.8	39.86
093.0	002.7689	0348.9	041.8		269.0	038.0000	0486.1	169.6	39.90
094.0	002.8580	0349.0	042.1		268.7	038.0000	0485.0	169.4	39.92
095.0	002.9485	0349.1	042.3		268.5	038.0000	0483.5	169.3	39.93

096.0	003.0404	0349.2	042.6		268.2	038.0000	0482.2	169.1	39.94
097.0	003.1338	0349.3	042.9		268.0	038.0000	0480.5	169.0	39.94
098.0	003.2285	0349.4	043.1		267.7	038.0000	0478.2	168.9	39.93
099.0	003.3247	0349.4	043.4		267.4	038.0000	0475.3	168.8	39.90
100.0	003.4222	0349.4	043.6		267.1	038.0000	0472.1	168.8	39.85
101.0	003.6012	0349.3	044.0		266.9	038.0000	0468.7	168.6	39.84
102.0	003.7847	0349.2	044.4		266.6	038.0000	0465.1	168.4	39.82
103.0	003.9728	0349.1	044.8		266.3	038.0000	0461.4	168.2	39.79
104.0	004.1654	0349.0	045.2		266.0	038.0000	0457.8	168.1	39.75
105.0	004.3626	0348.8	045.6		265.7	038.0000	0453.8	168.0	39.70
106.0	004.5644	0348.7	046.0		265.4	038.0000	0449.1	167.9	39.63
107.0	004.7707	0348.6	046.4		265.1	038.0000	0443.9	167.9	39.55
108.0	004.9815	0348.4	046.8		264.8	038.0000	0438.5	167.9	39.45
109.0	005.1970	0348.3	047.2		264.4	038.0000	0432.9	167.9	39.34
110.0	005.4170	0348.2	047.5		264.1	038.0000	0427.1	167.9	39.23
111.0	005.7002	0348.0	048.0		263.8	038.0000	0420.8	167.9	39.11
112.0	005.9908	0347.8	048.4		263.5	038.0000	0414.6	167.9	38.99
113.0	006.2885	0347.6	048.9		263.2	038.0000	0408.9	168.0	38.87
114.0	006.5934	0347.4	049.3		262.8	038.0000	0403.5	168.1	38.75
115.0	006.9056	0347.2	049.7		262.5	038.0000	0398.1	168.2	38.62
116.0	007.2250	0346.9	050.1		262.2	038.0000	0392.4	168.4	38.48
117.0	007.5516	0346.7	050.5		261.9	038.0000	0386.8	168.6	38.34
118.0	007.8854	0346.4	050.9		261.5	038.0000	0381.3	168.8	38.19
119.0	008.2265	0346.1	051.3		261.2	038.0000	0376.2	169.1	38.04
120.0	008.5748	0345.8	051.6		260.9	038.0000	0371.8	169.4	37.89
121.0	008.4401	0345.4	051.5		260.7	038.0000	0369.4	170.1	37.70
122.0	008.3065	0345.1	051.3		260.5	038.0000	0367.4	170.8	37.52
123.0	008.1740	0344.9	051.1		260.4	038.0000	0365.6	171.6	37.35
124.0	008.0425	0344.6	051.0		260.2	038.0000	0364.2	172.3	37.18
125.0	007.9121	0344.2	050.8		260.0	038.0000	0362.9	173.1	37.01
126.0	007.7828	0343.9	050.6		259.9	038.0000	0361.9	173.8	36.84
127.0	007.6545	0343.6	050.5		259.7	038.0000	0361.0	174.6	36.68
128.0	007.5273	0343.4	050.3		259.6	038.0000	0360.2	175.4	36.52
129.0	007.4012	0343.2	050.1		259.4	038.0000	0359.5	176.2	36.36
130.0	007.2761	0343.0	049.9		259.3	038.0000	0358.9	177.0	36.19
131.0	007.0291	0342.8	049.6		259.2	038.0000	0358.5	177.9	36.02
132.0	006.7865	0342.5	049.3		259.1	038.0000	0358.2	178.8	35.84
133.0	006.5480	0342.1	048.9		259.1	038.0000	0357.9	179.7	35.67
134.0	006.3139	0341.8	048.5		259.0	038.0000	0357.7	180.6	35.49
135.0	006.0840	0341.4	048.2		259.0	038.0000	0357.5	181.5	35.31
136.0	005.8584	0340.9	047.8		258.9	038.0000	0357.3	182.4	35.14
137.0	005.6370	0340.4	047.4		258.9	038.0000	0357.2	183.3	34.96
138.0	005.4199	0339.9	047.0		258.9	038.0000	0357.1	184.2	34.79
139.0	005.2071	0339.4	046.6		258.9	038.0000	0357.0	185.1	34.61
140.0	004.9985	0338.9	046.2		258.9	038.0000	0357.0	186.0	34.44
141.0	005.1051	0338.3	046.4		258.7	038.0000	0356.3	186.7	34.30
142.0	005.2128	0337.6	046.5		258.6	038.0000	0355.8	187.4	34.16
143.0	005.3217	0336.8	046.7		258.4	038.0000	0355.3	188.0	34.02
144.0	005.4317	0335.8	046.8		258.3	038.0000	0354.8	188.7	33.88
145.0	005.5428	0334.6	046.9		258.2	038.0000	0354.5	189.5	33.74
146.0	005.6550	0333.5	047.0		258.0	038.0000	0354.2	190.2	33.60
147.0	005.7684	0332.4	047.1		257.9	038.0000	0353.9	190.9	33.45
148.0	005.8829	0331.2	047.2		257.8	038.0000	0353.7	191.7	33.31

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10-25-2021 Terrain Data: NGDC 30 SEC FM0ver Analysis

KKT0 BLED19970902KB

NEW!

Channel = 213C
Max ERP = 38 kW
RCAMSL = 2977 m
N. Lat. 39 18 37.60
W. Lng. 119 53 04.60
Protected
60 dBu

Channel = 213B1
Max ERP = 10 kW
RCAMSL = 388 m
N. Lat. 39 17 16.50
W. Lng. 122 20 05.90
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
210.0	038.0000	0915.8	092.2	114.4	006.7243	0347.3	183.6	27.18	
211.0	038.0000	0917.7	092.3	114.4	006.7165	0347.3	181.9	27.48	
212.0	038.0000	0919.0	092.3	114.4	006.7041	0347.3	180.3	27.78	
213.0	038.0000	0919.4	092.3	114.3	006.6865	0347.4	178.7	28.07	
214.0	038.0000	0919.0	092.3	114.2	006.6639	0347.4	177.1	28.35	
215.0	038.0000	0918.0	092.3	114.1	006.6366	0347.4	175.5	28.62	
216.0	038.0000	0916.4	092.3	114.0	006.6048	0347.4	174.0	28.89	
217.0	038.0000	0914.5	092.2	113.9	006.5687	0347.4	172.4	29.15	
218.0	038.0000	0912.2	092.1	113.8	006.5283	0347.5	170.8	29.41	
219.0	038.0000	0909.7	092.1	113.6	006.4839	0347.5	169.3	29.66	
220.0	038.0000	0907.1	092.0	113.5	006.4358	0347.5	167.7	29.91	
221.0	038.0000	0904.6	092.0	113.3	006.3842	0347.6	166.2	30.15	
222.0	038.0000	0902.0	091.9	113.1	006.3292	0347.6	164.7	30.39	
223.0	038.0000	0899.5	091.8	112.9	006.2707	0347.6	163.2	30.62	
224.0	038.0000	0897.0	091.8	112.7	006.2083	0347.7	161.7	30.86	
225.0	038.0000	0894.1	091.7	112.5	006.1416	0347.7	160.2	31.08	
226.0	038.0000	0890.6	091.6	112.3	006.0697	0347.8	158.7	31.30	
227.0	038.0000	0886.4	091.5	112.0	005.9920	0347.8	157.3	31.52	
228.0	038.0000	0881.0	091.3	111.7	005.9077	0347.9	155.9	31.72	
229.0	038.0000	0873.8	091.1	111.4	005.8151	0347.9	154.6	31.91	
230.0	038.0000	0864.7	090.9	111.0	005.7138	0348.0	153.3	32.08	
231.0	038.0000	0854.8	090.6	110.7	005.6069	0348.0	152.0	32.24	
232.0	038.0000	0845.2	090.3	110.3	005.4974	0348.1	150.8	32.40	
233.0	038.0000	0835.0	090.0	109.9	005.3902	0348.2	149.6	32.54	
234.0	038.0000	0822.9	089.7	109.4	005.2927	0348.2	148.4	32.68	
235.0	038.0000	0809.2	089.2	109.0	005.1893	0348.3	147.4	32.80	
236.0	038.0000	0794.6	088.8	108.5	005.0819	0348.4	146.4	32.91	
237.0	038.0000	0779.4	088.3	108.0	004.9713	0348.4	145.4	33.00	
238.0	038.0000	0762.9	087.8	107.4	004.8564	0348.5	144.5	33.07	
239.0	038.0000	0744.6	087.2	106.8	004.7363	0348.6	143.8	33.12	
240.0	038.0000	0724.2	086.5	106.2	004.6110	0348.7	143.1	33.14	
241.0	038.0000	0702.0	085.7	105.6	004.4815	0348.8	142.5	33.13	
242.0	038.0000	0678.4	084.9	104.9	004.3494	0348.8	142.0	33.11	
243.0	038.0000	0654.7	084.0	104.3	004.2172	0348.9	141.6	33.06	
244.0	038.0000	0630.6	083.2	103.6	004.0850	0349.0	141.3	32.99	
245.0	038.0000	0605.4	082.2	102.9	003.9518	0349.1	141.1	32.89	
246.0	038.0000	0578.7	081.1	102.1	003.8124	0349.2	141.1	32.74	
247.0	038.0000	0549.8	079.7	101.3	003.6635	0349.2	141.4	32.50	
248.0	038.0000	0518.6	077.9	100.5	003.5063	0349.3	142.1	32.17	
249.0	038.0000	0486.9	075.9	099.6	003.3808	0349.4	143.0	31.82	
250.0	038.0000	0457.9	073.7	098.7	003.2949	0349.4	144.2	31.48	
251.0	038.0000	0431.6	071.8	097.9	003.2167	0349.4	145.3	31.16	
252.0	038.0000	0409.3	070.3	097.2	003.1489	0349.3	146.1	30.92	
253.0	038.0000	0392.5	069.1	096.5	003.0904	0349.2	146.5	30.74	
254.0	038.0000	0377.5	068.1	095.9	003.0356	0349.2	147.0	30.58	
255.0	038.0000	0366.0	067.4	095.4	002.9854	0349.1	147.2	30.45	
256.0	038.0000	0358.0	066.8	094.9	002.9395	0349.1	147.3	30.36	
257.0	038.0000	0353.8	066.5	094.4	002.8972	0349.0	147.2	30.32	
258.0	038.0000	0354.1	066.5	094.0	002.8586	0349.0	146.8	30.34	

259.0	038.0000	0357.6	066.8		093.6	002.8220	0348.9	146.2	30.39
260.0	038.0000	0362.8	067.1		093.2	002.7859	0348.9	145.6	30.46
261.0	038.0000	0372.9	067.8		092.8	002.7518	0348.9	144.6	30.59
262.0	038.0000	0389.2	068.9		092.4	002.7193	0348.9	143.3	30.81
263.0	038.0000	0406.3	070.1		092.0	002.6854	0348.9	141.9	31.03
264.0	038.0000	0424.4	071.3		091.6	002.6500	0348.8	140.5	31.28
265.0	038.0000	0442.9	072.6		091.2	002.6129	0348.8	139.0	31.54
266.0	038.0000	0458.1	073.8		090.7	002.5728	0348.8	137.7	31.76
267.0	038.0000	0470.4	074.7		090.2	002.5302	0348.8	136.7	31.92
268.0	038.0000	0480.9	075.4		089.7	002.5158	0348.7	135.8	32.09
269.0	038.0000	0486.1	075.8		089.2	002.5269	0348.7	135.4	32.20
270.0	038.0000	0487.0	075.9		088.6	002.5382	0348.7	135.3	32.24
271.0	038.0000	0487.6	075.9		088.0	002.5496	0348.6	135.3	32.26
272.0	038.0000	0488.1	075.9		087.5	002.5609	0348.6	135.3	32.28
273.0	038.0000	0489.3	076.0		086.9	002.5724	0348.5	135.3	32.29
274.0	038.0000	0492.4	076.2		086.3	002.5839	0348.5	135.2	32.33
275.0	038.0000	0492.6	076.2		085.8	002.5954	0348.4	135.4	32.31
276.0	038.0000	0488.2	076.0		085.2	002.6064	0348.3	135.9	32.22
277.0	038.0000	0486.4	075.8		084.7	002.6174	0348.2	136.2	32.15
278.0	038.0000	0487.6	075.9		084.1	002.6288	0348.1	136.4	32.13
279.0	038.0000	0488.5	076.0		083.6	002.6401	0347.9	136.6	32.09
280.0	038.0000	0487.5	075.9		083.1	002.6510	0347.7	137.0	32.01
281.0	038.0000	0486.0	075.8		082.5	002.6617	0347.5	137.5	31.91
282.0	038.0000	0488.3	076.0		082.0	002.6730	0347.2	137.8	31.87
283.0	038.0000	0494.5	076.4		081.4	002.6850	0346.9	137.8	31.87
284.0	038.0000	0503.8	077.0		080.8	002.6977	0346.7	137.7	31.90
285.0	038.0000	0513.8	077.6		080.2	002.7106	0346.4	137.7	31.93
286.0	038.0000	0526.8	078.4		079.5	002.7514	0346.2	137.5	32.02
287.0	038.0000	0543.2	079.3		078.8	002.8065	0345.9	137.3	32.16
288.0	038.0000	0560.4	080.2		078.2	002.8626	0345.7	137.1	32.27
289.0	038.0000	0578.7	081.1		077.5	002.9195	0345.4	137.0	32.37
290.0	038.0000	0600.6	082.0		076.7	002.9785	0345.1	136.9	32.47
291.0	038.0000	0627.0	083.0		076.0	003.0398	0344.8	136.8	32.56
292.0	038.0000	0652.9	084.0		075.3	003.1012	0344.4	136.9	32.63
293.0	038.0000	0674.3	084.7		074.6	003.1597	0344.0	137.1	32.65
294.0	038.0000	0684.1	085.1		074.0	003.2094	0343.7	137.8	32.57
295.0	038.0000	0677.9	084.9		073.6	003.2457	0343.5	138.9	32.37
296.0	038.0000	0660.6	084.3		073.3	003.2714	0343.3	140.3	32.09
297.0	038.0000	0639.6	083.5		073.1	003.2922	0343.2	141.8	31.79
298.0	038.0000	0621.9	082.8		072.8	003.3139	0343.1	143.3	31.51
299.0	038.0000	0610.2	082.4		072.5	003.3393	0342.9	144.6	31.28
300.0	038.0000	0601.7	082.1		072.2	003.3661	0342.8	145.9	31.07
301.0	038.0000	0595.1	081.8		071.9	003.3931	0342.7	147.1	30.86
302.0	038.0000	0590.5	081.6		071.6	003.4210	0342.5	148.3	30.66
303.0	038.0000	0589.5	081.6		071.2	003.4516	0342.3	149.4	30.48
304.0	038.0000	0590.5	081.6		070.9	003.4836	0342.2	150.5	30.30
305.0	038.0000	0591.3	081.7		070.5	003.5144	0342.0	151.6	30.13
306.0	038.0000	0590.5	081.6		070.2	003.5423	0341.9	152.8	29.93
307.0	038.0000	0586.5	081.4		070.0	003.5664	0341.8	154.0	29.72
308.0	038.0000	0578.8	081.1		069.8	003.6011	0341.7	155.4	29.50
309.0	038.0000	0567.8	080.6		069.7	003.6234	0341.7	156.9	29.25
310.0	038.0000	0555.3	080.0		069.6	003.6369	0341.7	158.4	28.98
311.0	038.0000	0542.6	079.3		069.6	003.6452	0341.6	159.9	28.70
312.0	038.0000	0530.4	078.6		069.5	003.6504	0341.6	161.5	28.42
313.0	038.0000	0518.5	077.9		069.5	003.6530	0341.6	163.0	28.15
314.0	038.0000	0504.6	077.0		069.6	003.6445	0341.6	164.6	27.85
315.0	038.0000	0487.4	075.9		069.7	003.6183	0341.7	166.3	27.51
316.0	038.0000	0466.9	074.4		070.0	003.5708	0341.8	168.1	27.13
317.0	038.0000	0442.9	072.6		070.3	003.5342	0342.0	170.1	26.74
318.0	038.0000	0417.0	070.8		070.7	003.4993	0342.1	172.0	26.36
319.0	038.0000	0391.0	069.0		071.1	003.4663	0342.3	173.8	25.99

320.0	038.0000	0366.4	067.4		071.4	003.4356	0342.4	175.6	25.64
321.0	038.0000	0342.9	065.8		071.8	003.4049	0342.6	177.3	25.29
322.0	038.0000	0319.8	064.1		072.1	003.3729	0342.8	179.0	24.94
323.0	038.0000	0296.7	062.4		072.5	003.3402	0342.9	180.6	24.60
324.0	038.0000	0274.4	060.8		072.9	003.3081	0343.1	182.2	24.26
325.0	038.0000	0254.5	059.3		073.2	003.2797	0343.3	183.7	23.94
326.0	038.0000	0238.0	058.0		073.5	003.2569	0343.4	185.1	23.65
327.0	038.0000	0225.1	057.0		073.7	003.2392	0343.5	186.4	23.38
328.0	038.0000	0213.0	056.0		073.9	003.2218	0343.6	187.6	23.12
329.0	038.0000	0200.1	054.9		074.1	003.2017	0343.8	188.9	22.86

CO-CHANNEL



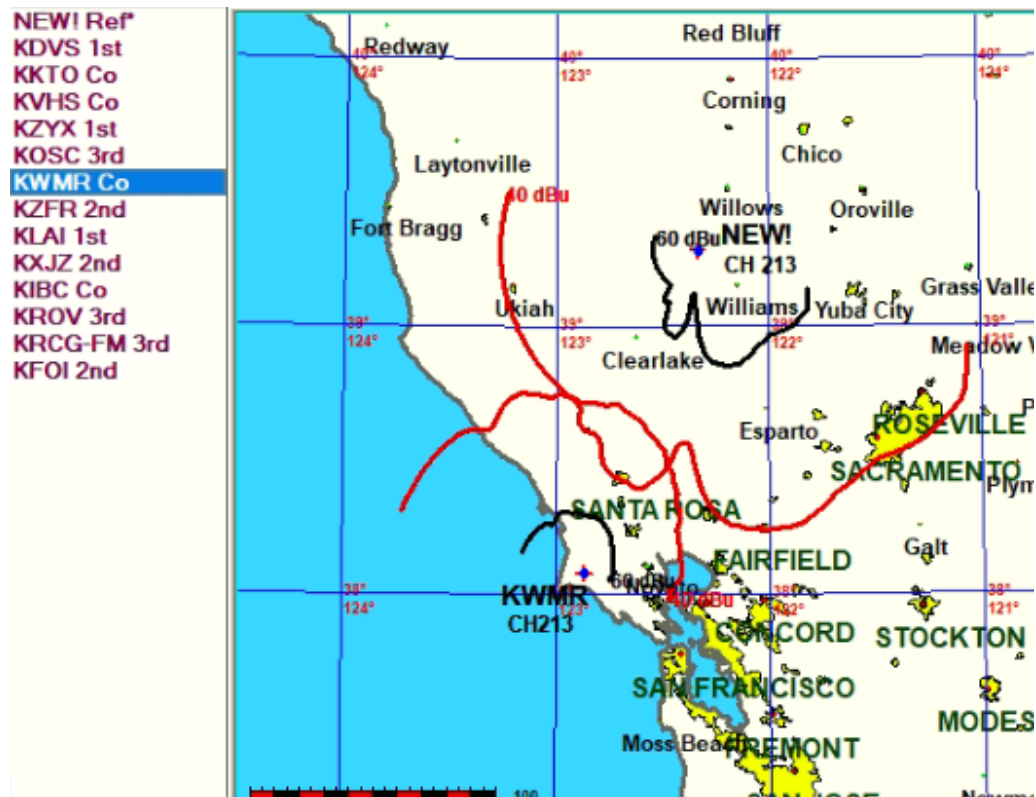
FIRST ADJACENT CHANNEL



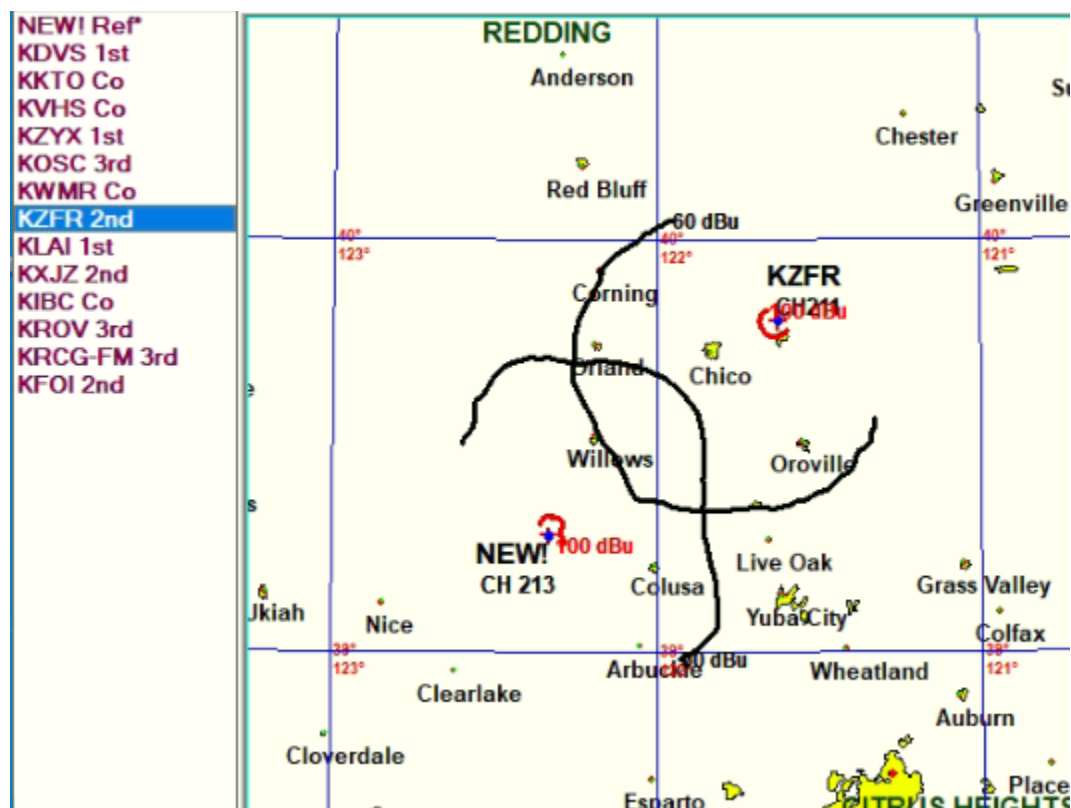
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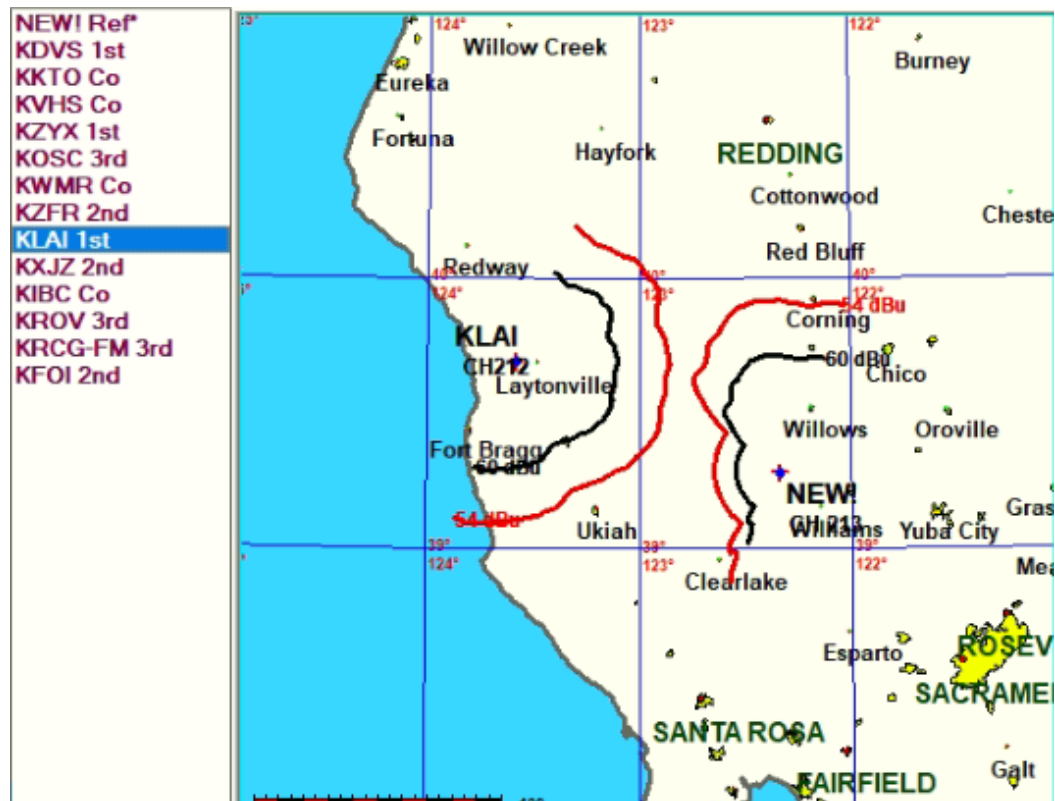
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SECOND ADJACENT



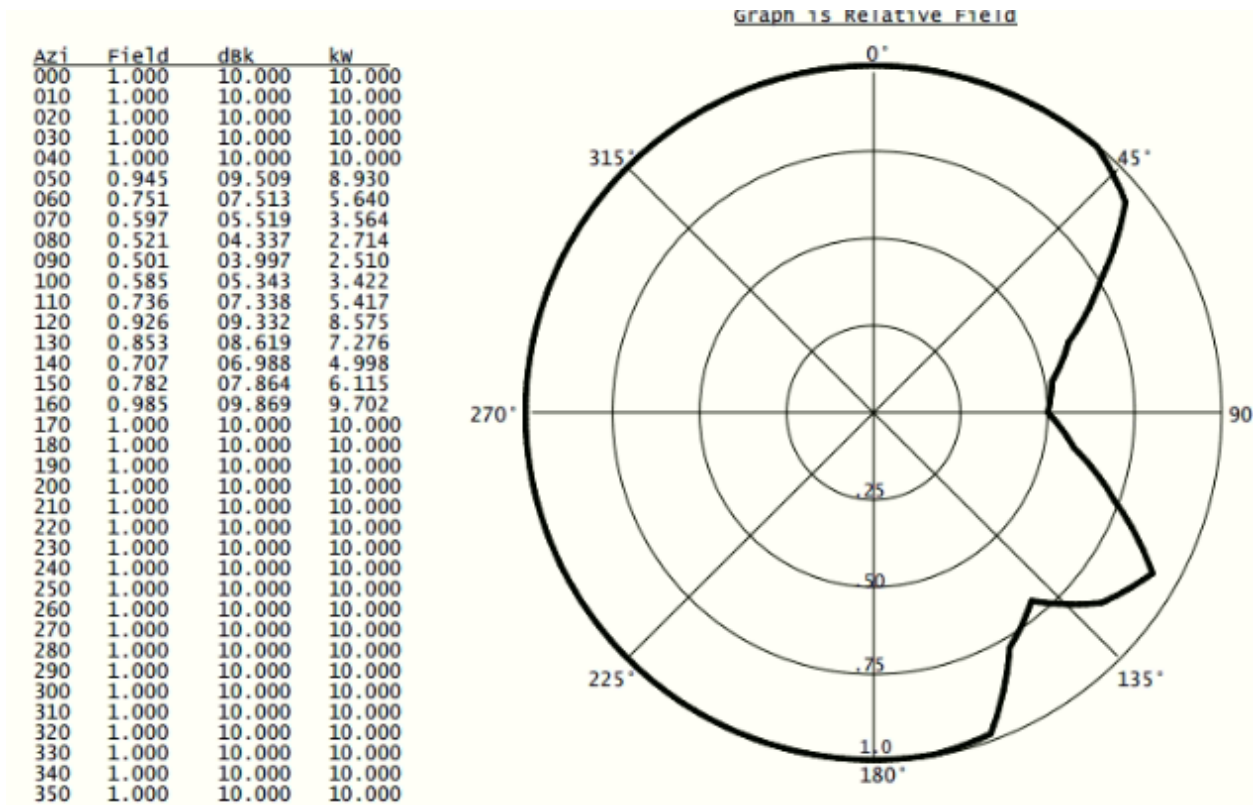
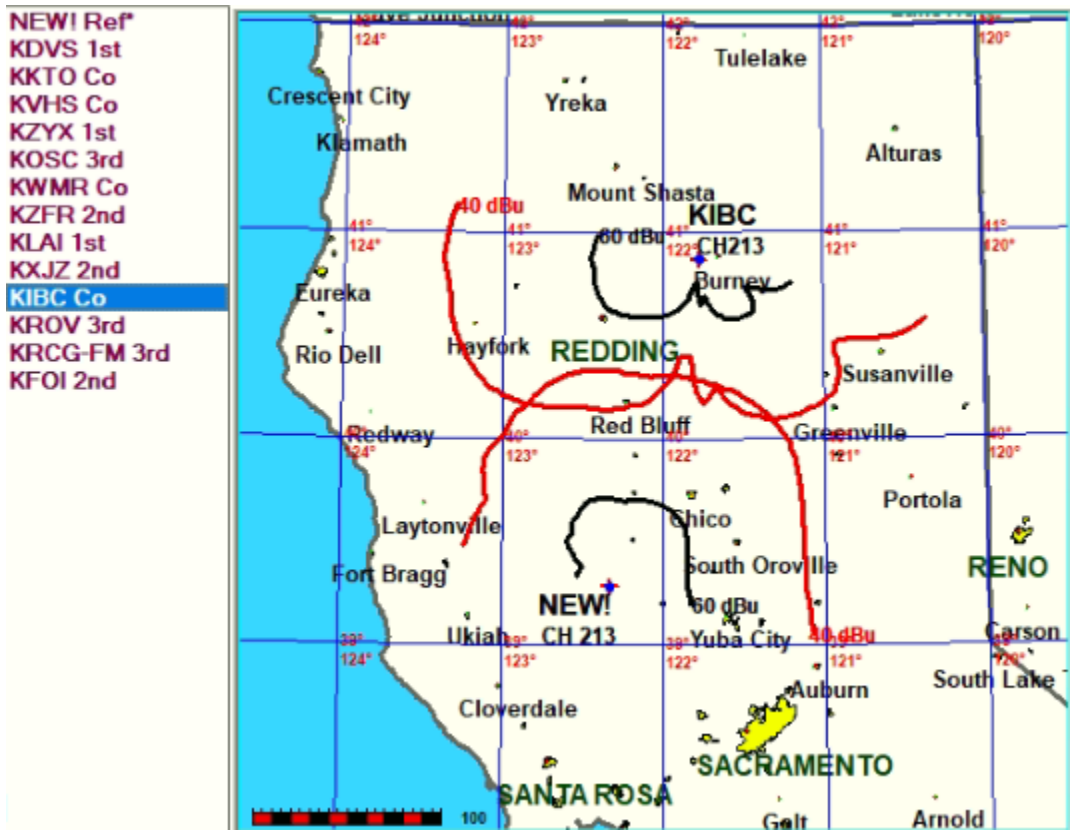
FIRST ADJACENT



SECOND ADJACENT



CO CHANNEL



Non-Ionizing Electromagnetic Radiation (NEIR) Analysis

The applicant hereby requests that a Construction Permit be granted with the condition that RF measurements be conducted before the facility is constructed. The applicant will thereupon submit the results of these measurements, prior to Commission grant of Program Test Authority. If the results of the measurements reveal that there are areas that would exceed the MPE requirements for controlled or uncontrolled areas, the applicant will take all necessary measures, including but not limited to fencing and/or signage, to fully comply with the RF exposure limits.