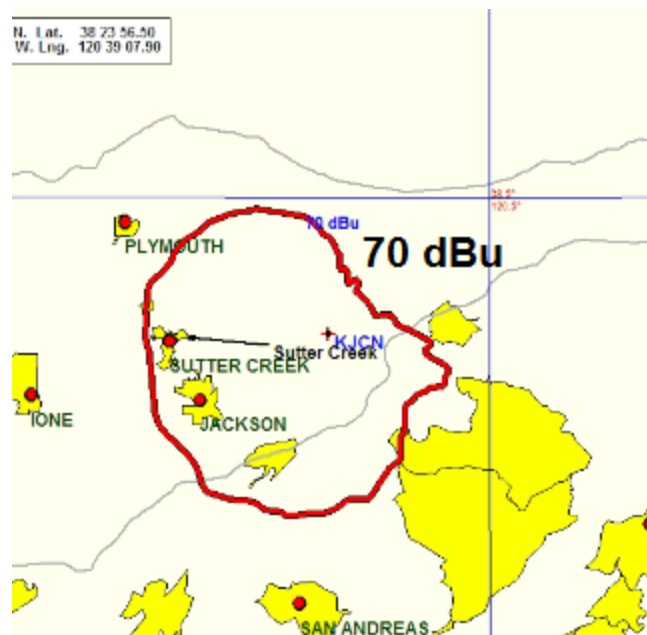


**KJCN (FM) SUTTER CREEK CA FAC ID 185149**  
**SONORA SIERRA HERITAGE FOUNDATION**  
**FULL-SERVICE FM CHANNEL 298 (NCE ON NON-RESERVED BAND)**  
**MINOR CHANGE OF LICENSED FACILITY**

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COORDINATES	38 23 56.5 N 120 39 07.9 W (NAD 83)
CLASS	CLASS A NCE-FM
ERP	0.300 kW
COR	875.4 M COR ASML
GROUND	848 M
AGL	27.4 M AGL
HAAT	222.8 M
CH	298
ANTENNA	NON-D
PAT. ROTATION	N/A
ASR	N/A

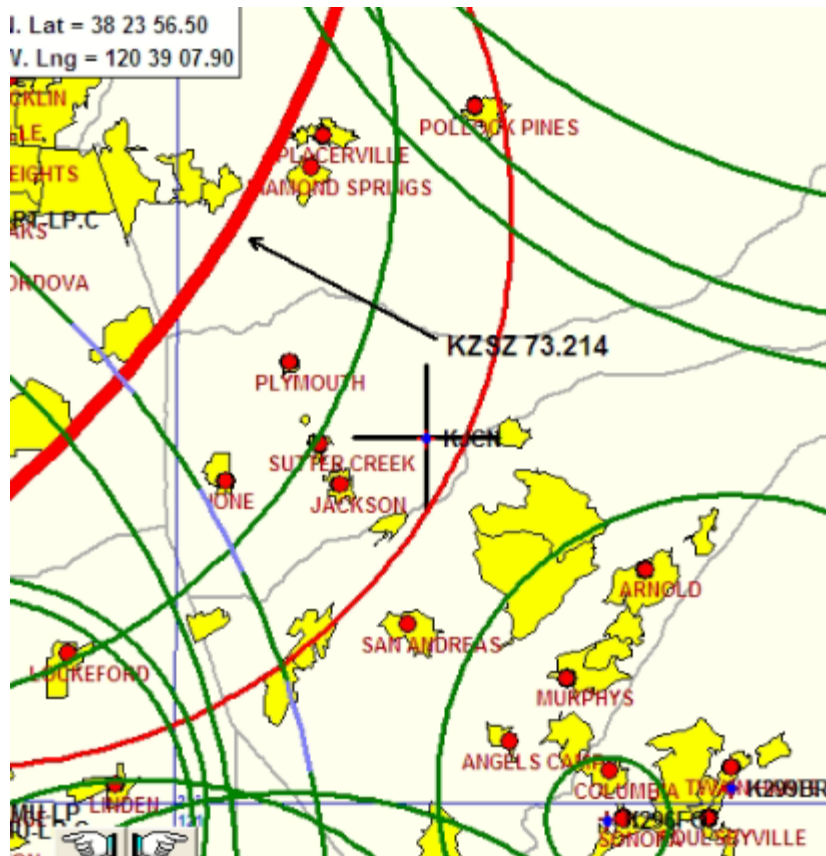
**COMMUNITY OF LICENSE COVERAGE**

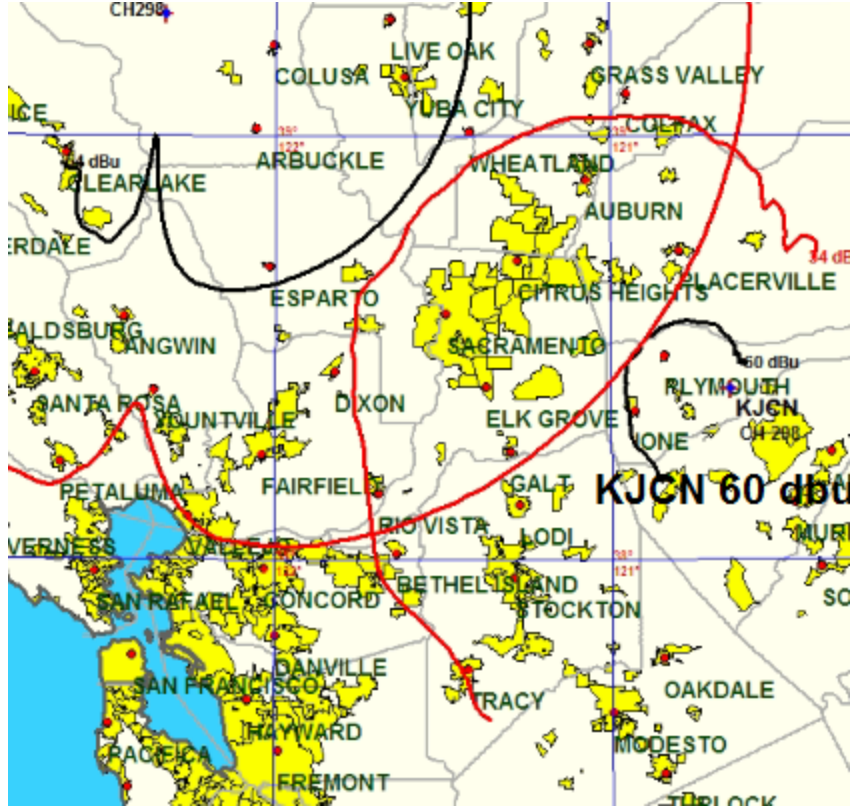


REFERENCE	CLASS = A	DISPLAY DATES
38 23 56.50 N.		DATA 03-14-21
120 39 07.90 W.	Current Spacings to 3rd Adj.	SEARCH 04-24-21
----- Channel 298 - 107.5 MHz -----		

Call	Channel	Location	Azi	Dist	FCC	Margin
KJCN	LIC	298A Sutter Creek	CA	325.6	0.03	114.5 -114.5
<del>KQPT-LP</del>	<del>CP</del>	<del>298L1 Sacramento</del>	<del>CA</del>	<del>295.3</del>	<del>62.19</del>	<del>66.5 -4.3</del>
*KZSZ	LIC	298B Colusa	CA	304.7	176.29	177.5 -1.2
DDKDND	VAC	300B Sacramento	CA	295.9	80.22	68.5 11.7
K299BR	LIC-D	299D Sonora	CA	139.0	56.15	35.5 20.7
KRNO	LIC	295C Incline Village	NV	33.0	121.14	94.5 26.6
KLVS	LIC-N	297B Livermore	CA	242.7	139.60	112.5 27.1
KSRN	LIC	299C3 Kings Beach	CA	33.0	121.42	88.5 32.9
KSAN-FM1	LIC	299D Pleasanton, Etc.	CA	243.0	125.02	88.5 36.5
KIMU-LP	LIC	300L1 Morada	CA	230.5	71.48	28.5 43.0
K296FO	LIC-D	296D Sonora	CA	154.6	51.15	7.5 43.7
KVHH-LP	LIC	297L1 Turlock	CA	189.5	99.89	55.5 44.4
KNEZ-FM1	LIC-D	297D Reno	NV	28.9	150.76	105.5 45.3
KIMU-LP	CP	300L1 Stockton	CA	230.1	74.05	28.5 45.6
K298DG	CP -D	298D Modesto	CA	201.4	94.46	46.5 48.0

All separation margins include rounding  
 \*Meeting Short Spacing





04-24-2021      Terrain Data: NGDC 30 SEC      FMOver Analysis

KJCN	KZSZ    BLH19860925KB
Channel = 298A	Channel = 298B
Max ERP = 0.3 kW	Max ERP = 28 kW
RCAMSL = 875.4 m	RCAMSL = 410 m
N. Lat. 38 23 57.30	N. Lat. 39 17 16.50
W. Lng. 120 39 08.60	W. Lng. 122 20 05.90
Protected	Interfering
60 dBu	40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
245.0	000.3000	0424.4	027.8	132.0	028.0000	0365.4	163.8	37.47	
246.0	000.3000	0418.8	027.6	131.9	028.0000	0365.4	163.4	37.54	
247.0	000.3000	0413.3	027.4	131.8	028.0000	0365.5	163.0	37.61	
248.0	000.3000	0408.9	027.3	131.7	028.0000	0365.5	162.7	37.68	
249.0	000.3000	0405.4	027.2	131.6	028.0000	0365.5	162.3	37.75	
250.0	000.3000	0402.0	027.1	131.5	028.0000	0365.6	161.9	37.82	
251.0	000.3000	0398.1	026.9	131.3	028.0000	0365.6	161.5	37.89	
252.0	000.3000	0394.1	026.8	131.2	028.0000	0365.6	161.2	37.96	
253.0	000.3000	0390.4	026.7	131.1	028.0000	0365.6	160.8	38.02	
254.0	000.3000	0387.3	026.6	131.0	028.0000	0365.7	160.5	38.09	
255.0	000.3000	0385.0	026.5	130.9	028.0000	0365.7	160.1	38.16	
256.0	000.3000	0382.9	026.5	130.8	028.0000	0365.7	159.8	38.22	

257.0	000.3000	0381.1	026.4		130.6	028.0000	0365.8	159.4	38.29
258.0	000.3000	0379.1	026.4		130.5	028.0000	0365.8	159.1	38.35
259.0	000.3000	0377.3	026.3		130.4	028.0000	0365.8	158.8	38.42
260.0	000.3000	0375.8	026.3		130.3	028.0000	0365.8	158.4	38.48
261.0	000.3000	0374.0	026.2		130.2	028.0000	0365.9	158.1	38.54
262.0	000.3000	0373.3	026.2		130.1	028.0000	0365.9	157.8	38.61
263.0	000.3000	0373.6	026.2		130.0	028.0000	0365.9	157.4	38.67
264.0	000.3000	0375.4	026.2		129.9	028.0000	0365.9	157.1	38.74
265.0	000.3000	0378.4	026.3		129.8	028.0000	0365.9	156.7	38.82
266.0	000.3000	0382.2	026.5		129.7	028.0000	0366.0	156.3	38.90
267.0	000.3000	0384.6	026.5		129.6	028.0000	0366.0	155.9	38.97
268.0	000.3000	0385.0	026.5		129.5	028.0000	0366.0	155.6	39.03
269.0	000.3000	0385.4	026.6		129.3	028.0000	0366.0	155.2	39.09
270.0	000.3000	0385.7	026.6		129.2	028.0000	0366.0	154.9	39.15
271.0	000.3000	0385.1	026.5		129.1	028.0000	0366.1	154.6	39.21
272.0	000.3000	0384.7	026.5		128.9	028.0000	0366.1	154.4	39.26
273.0	000.3000	0384.4	026.5		128.8	028.0000	0366.1	154.1	39.31
274.0	000.3000	0384.4	026.5		128.7	028.0000	0366.1	153.8	39.37
275.0	000.3000	0387.0	026.6		128.5	028.0000	0366.1	153.5	39.43
276.0	000.3000	0391.7	026.7		128.4	028.0000	0366.2	153.1	39.50
277.0	000.3000	0394.7	026.8		128.3	028.0000	0366.2	152.8	39.57
278.0	000.3000	0394.5	026.8		128.1	028.0000	0366.2	152.5	39.61
279.0	000.3000	0393.8	026.8		128.0	028.0000	0366.2	152.3	39.66
280.0	000.3000	0393.6	026.8		127.8	028.0000	0366.3	152.1	39.70
281.0	000.3000	0395.0	026.9		127.7	028.0000	0366.3	151.8	39.75
282.0	000.3000	0398.0	026.9		127.5	028.0000	0366.3	151.5	39.81
283.0	000.3000	0401.0	027.0		127.4	028.0000	0366.3	151.2	39.86
284.0	000.3000	0403.4	027.1		127.2	028.0000	0366.4	151.0	39.92
285.0	000.3000	0402.3	027.1		127.1	028.0000	0366.4	150.8	39.95
286.0	000.3000	0397.4	026.9		126.9	028.0000	0366.4	150.8	39.96
287.0	000.3000	0390.2	026.7		126.7	028.0000	0366.5	150.8	39.95
288.0	000.3000	0381.6	026.4		126.5	028.0000	0366.5	150.9	39.93
289.0	000.3000	0372.8	026.2		126.3	028.0000	0366.6	151.0	39.91
290.0	000.3000	0365.0	025.9		126.1	028.0000	0366.7	151.1	39.89
291.0	000.3000	0358.8	025.7		125.9	028.0000	0366.7	151.2	39.88
292.0	000.3000	0353.8	025.5		125.7	028.0000	0366.8	151.3	39.87
293.0	000.3000	0350.1	025.4		125.6	028.0000	0366.9	151.3	39.87
294.0	000.3000	0347.3	025.3		125.4	028.0000	0366.9	151.3	39.87
295.0	000.3000	0346.2	025.2		125.2	028.0000	0367.0	151.2	39.89
296.0	000.3000	0347.7	025.3		125.1	028.0000	0367.0	151.1	39.91
297.0	000.3000	0350.1	025.4		124.9	028.0000	0367.1	150.9	39.95
298.0	000.3000	0351.1	025.4		124.7	028.0000	0367.2	150.8	39.97
299.0	000.3000	0349.7	025.4		124.6	028.0000	0367.2	150.8	39.97
300.0	000.3000	0347.3	025.3		124.4	028.0000	0367.3	150.9	39.96
301.0	000.3000	0345.0	025.2		124.2	028.0000	0367.3	150.9	39.96
302.0	000.3000	0342.7	025.1		124.1	028.0000	0367.4	151.0	39.95
303.0	000.3000	0339.8	025.0		123.9	028.0000	0367.4	151.0	39.93
304.0	000.3000	0335.5	024.9		123.7	028.0000	0367.5	151.2	39.91
305.0	000.3000	0330.6	024.7		123.6	028.0000	0367.5	151.4	39.87
306.0	000.3000	0325.2	024.5		123.4	028.0000	0367.6	151.6	39.84
307.0	000.3000	0320.0	024.3		123.2	028.0000	0367.6	151.8	39.80
308.0	000.3000	0315.4	024.1		123.1	028.0000	0367.7	152.0	39.76
309.0	000.3000	0312.4	024.0		122.9	028.0000	0367.7	152.1	39.74
310.0	000.3000	0311.5	024.0		122.8	028.0000	0367.8	152.2	39.72
311.0	000.3000	0311.9	024.0		122.6	028.0000	0367.8	152.2	39.72
312.0	000.3000	0311.7	024.0		122.5	028.0000	0367.9	152.3	39.71
313.0	000.3000	0309.9	023.9		122.3	028.0000	0367.9	152.4	39.68

314.0	000.3000	0306.0	023.8		122.2	028.0000	0367.9	152.6	39.64
315.0	000.3000	0300.4	023.6		122.0	028.0000	0368.0	152.9	39.59
316.0	000.3000	0294.7	023.3		121.9	028.0000	0368.0	153.2	39.53
317.0	000.3000	0290.2	023.2		121.8	028.0000	0368.1	153.5	39.48
318.0	000.3000	0286.5	023.0		121.6	028.0000	0368.1	153.7	39.44
319.0	000.3000	0283.0	022.9		121.5	028.0000	0368.1	154.0	39.39
320.0	000.3000	0279.4	022.8		121.4	028.0000	0368.2	154.2	39.35
321.0	000.3000	0276.0	022.6		121.2	028.0000	0368.2	154.4	39.30
322.0	000.3000	0271.9	022.5		121.1	028.0000	0368.2	154.7	39.25
323.0	000.3000	0267.6	022.3		121.0	028.0000	0368.3	155.0	39.19
324.0	000.3000	0262.8	022.1		120.9	028.0000	0368.3	155.3	39.13
325.0	000.3000	0257.8	021.9		120.8	028.0000	0368.3	155.7	39.07
326.0	000.3000	0253.7	021.8		120.7	028.0000	0368.3	156.0	39.02
327.0	000.3000	0250.9	021.6		120.6	028.0000	0368.4	156.2	38.97
328.0	000.3000	0248.2	021.5		120.5	028.0000	0368.4	156.5	38.92
329.0	000.3000	0244.7	021.4		120.4	028.0000	0368.4	156.8	38.86
330.0	000.3000	0240.1	021.2		120.3	028.0000	0368.5	157.1	38.80
331.0	000.3000	0234.6	021.0		120.2	028.0000	0368.5	157.5	38.72
332.0	000.3000	0228.7	020.7		120.2	028.0000	0368.5	157.9	38.65
333.0	000.3000	0223.2	020.5		120.1	028.0000	0368.5	158.3	38.57
334.0	000.3000	0217.5	020.2		120.0	028.0000	0368.5	158.7	38.50
335.0	000.3000	0211.1	019.9		120.0	028.0000	0368.6	159.2	38.41
336.0	000.3000	0204.6	019.6		119.9	028.0000	0368.6	159.6	38.33
337.0	000.3000	0199.5	019.4		119.9	028.0000	0368.6	160.0	38.26
338.0	000.3000	0195.9	019.2		119.8	028.0000	0368.6	160.3	38.19
339.0	000.3000	0193.2	019.1		119.8	028.0000	0368.6	160.6	38.14
340.0	000.3000	0189.9	018.9		119.7	028.0000	0368.6	161.0	38.08
341.0	000.3000	0185.6	018.7		119.7	028.0000	0368.7	161.3	38.01
342.0	000.3000	0181.0	018.5		119.6	028.0000	0368.7	161.7	37.94
343.0	000.3000	0177.5	018.4		119.6	028.0000	0368.7	162.0	37.87
344.0	000.3000	0175.2	018.2		119.5	028.0000	0368.7	162.3	37.82
345.0	000.3000	0173.1	018.1		119.5	028.0000	0368.7	162.6	37.76
346.0	000.3000	0170.9	018.0		119.4	028.0000	0368.7	162.9	37.70
347.0	000.3000	0168.5	017.9		119.4	028.0000	0368.7	163.3	37.64
348.0	000.3000	0166.0	017.7		119.3	028.0000	0368.7	163.6	37.58
349.0	000.3000	0163.0	017.6		119.3	028.0000	0368.8	163.9	37.52
350.0	000.3000	0159.8	017.4		119.3	028.0000	0368.8	164.3	37.45
351.0	000.3000	0155.0	017.1		119.3	028.0000	0368.8	164.7	37.37
352.0	000.3000	0149.1	016.7		119.4	028.0000	0368.7	165.2	37.28
353.0	000.3000	0144.0	016.3		119.4	028.0000	0368.7	165.6	37.20
354.0	000.3000	0139.4	016.0		119.4	028.0000	0368.7	166.0	37.12
355.0	000.3000	0133.9	015.6		119.5	028.0000	0368.7	166.5	37.04
356.0	000.3000	0126.2	015.1		119.6	028.0000	0368.7	167.0	36.94
357.0	000.3000	0118.0	014.6		119.6	028.0000	0368.7	167.5	36.85
358.0	000.3000	0113.4	014.3		119.7	028.0000	0368.6	167.9	36.78
359.0	000.3000	0111.5	014.2		119.7	028.0000	0368.7	168.1	36.72
000.0	000.3000	0109.7	014.1		119.7	028.0000	0368.7	168.4	36.67
001.0	000.3000	0107.0	013.9		119.7	028.0000	0368.7	168.7	36.62
002.0	000.3000	0103.2	013.7		119.7	028.0000	0368.6	169.1	36.55
003.0	000.3000	0099.4	013.4		119.7	028.0000	0368.6	169.4	36.49
004.0	000.3000	0093.5	013.0		119.8	028.0000	0368.6	169.8	36.42
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KZSZ BLH19860925KB

KJCN

Channel = 298B  
Max ERP = 28 kW  
RCAMSL = 410 m  
N. Lat. 39 17 16.50  
W. Lng. 122 20 05.90  
Protected  
54 dBu

Channel = 298A  
Max ERP = 0.3 kW  
RCAMSL = 875.4 m  
N. Lat. 38 23 57.30  
W. Lng. 120 39 08.60  
Interfering  
34 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
064.0	028.0000	0363.5	078.2	331.0	000.3000	0234.9	152.2	17.15	
065.0	028.0000	0363.4	078.2	330.9	000.3000	0235.1	150.9	17.39	
066.0	028.0000	0363.4	078.2	330.9	000.3000	0235.4	149.5	17.64	
067.0	028.0000	0363.6	078.2	330.8	000.3000	0235.7	148.2	17.89	
068.0	028.0000	0364.0	078.2	330.8	000.3000	0236.1	146.8	18.15	
069.0	028.0000	0364.3	078.2	330.7	000.3000	0236.5	145.5	18.40	
070.0	028.0000	0364.7	078.3	330.6	000.3000	0237.0	144.1	18.66	
071.0	028.0000	0365.1	078.3	330.5	000.3000	0237.5	142.8	18.92	
072.0	028.0000	0365.5	078.3	330.4	000.3000	0238.1	141.4	19.18	
073.0	028.0000	0366.0	078.4	330.3	000.3000	0238.7	140.1	19.45	
074.0	028.0000	0366.5	078.4	330.2	000.3000	0239.3	138.7	19.72	
075.0	028.0000	0367.0	078.4	330.0	000.3000	0240.0	137.4	19.99	
076.0	028.0000	0367.4	078.5	329.9	000.3000	0240.7	136.1	20.26	
077.0	028.0000	0367.8	078.5	329.7	000.3000	0241.5	134.8	20.54	
078.0	028.0000	0368.2	078.5	329.5	000.3000	0242.4	133.5	20.81	
079.0	028.0000	0368.5	078.5	329.3	000.3000	0243.3	132.2	21.09	
080.0	028.0000	0368.9	078.6	329.1	000.3000	0244.2	130.9	21.36	
081.0	028.0000	0369.2	078.6	328.9	000.3000	0245.0	129.6	21.63	
082.0	028.0000	0369.7	078.6	328.7	000.3000	0246.0	128.3	21.90	
083.0	028.0000	0370.2	078.7	328.4	000.3000	0246.9	127.1	22.17	
084.0	028.0000	0370.6	078.7	328.2	000.3000	0247.7	125.8	22.43	
085.0	028.0000	0370.8	078.7	327.9	000.3000	0248.5	124.6	22.70	
086.0	028.0000	0371.0	078.7	327.6	000.3000	0249.4	123.4	22.97	
087.0	028.0000	0371.1	078.7	327.3	000.3000	0250.2	122.2	23.23	
088.0	028.0000	0371.2	078.7	326.9	000.3000	0251.1	121.0	23.50	
089.0	028.0000	0371.2	078.7	326.6	000.3000	0252.0	119.9	23.77	
090.0	028.0000	0371.3	078.8	326.2	000.3000	0253.1	118.7	24.04	
091.0	028.0000	0371.3	078.8	325.8	000.3000	0254.3	117.6	24.31	
092.0	028.0000	0371.4	078.8	325.4	000.3000	0255.9	116.5	24.60	
093.0	028.0000	0371.4	078.8	325.0	000.3000	0257.8	115.4	24.89	
094.0	028.0000	0371.5	078.8	324.6	000.3000	0260.1	114.4	25.19	
095.0	028.0000	0371.6	078.8	324.1	000.3000	0262.3	113.3	25.49	
096.0	028.0000	0371.7	078.8	323.6	000.3000	0264.5	112.3	25.79	
097.0	028.0000	0371.8	078.8	323.1	000.3000	0266.9	111.3	26.10	
098.0	028.0000	0371.9	078.8	322.6	000.3000	0269.3	110.4	26.42	
099.0	028.0000	0371.9	078.8	322.1	000.3000	0271.5	109.4	26.72	
100.0	028.0000	0371.9	078.8	321.6	000.3000	0273.6	108.5	27.02	
101.0	028.0000	0371.8	078.8	321.0	000.3000	0275.9	107.7	27.33	
102.0	028.0000	0371.7	078.8	320.4	000.3000	0278.0	106.8	27.63	
103.0	028.0000	0371.6	078.8	319.8	000.3000	0280.0	106.0	27.92	
104.0	028.0000	0371.5	078.8	319.2	000.3000	0282.2	105.2	28.21	
105.0	028.0000	0371.4	078.8	318.6	000.3000	0284.4	104.5	28.50	
106.0	028.0000	0371.2	078.7	317.9	000.3000	0286.8	103.8	28.78	

107.0	028.0000	0371.1	078.7		317.3	000.3000	0289.1	103.1	29.06
108.0	028.0000	0371.0	078.7		316.6	000.3000	0291.8	102.4	29.34
109.0	028.0000	0370.8	078.7		315.9	000.3000	0295.1	101.8	29.62
110.0	028.0000	0370.7	078.7		315.2	000.3000	0299.1	101.2	29.92
111.0	028.0000	0370.6	078.7		314.5	000.3000	0303.4	100.7	30.22
112.0	028.0000	0370.4	078.7		313.8	000.3000	0307.1	100.2	30.49
113.0	028.0000	0370.3	078.7		313.0	000.3000	0309.9	099.8	30.73
114.0	028.0000	0370.1	078.7		312.3	000.3000	0311.6	099.4	30.91
115.0	028.0000	0369.9	078.6		311.5	000.3000	0311.9	099.0	31.04
116.0	028.0000	0369.6	078.6		310.7	000.3000	0311.8	098.7	31.14
117.0	028.0000	0369.4	078.6		309.9	000.3000	0311.5	098.4	31.22
118.0	028.0000	0369.1	078.6		309.2	000.3000	0312.2	098.1	31.32
119.0	028.0000	0368.8	078.6		308.4	000.3000	0314.1	097.9	31.44
120.0	028.0000	0368.6	078.5		307.6	000.3000	0317.2	097.8	31.59
121.0	028.0000	0368.3	078.5		306.8	000.3000	0321.2	097.7	31.75
122.0	028.0000	0368.0	078.5		306.0	000.3000	0325.4	097.6	31.90
123.0	028.0000	0367.7	078.5		305.2	000.3000	0329.8	097.6	32.05
124.0	028.0000	0367.4	078.5		304.4	000.3000	0333.7	097.6	32.17
125.0	028.0000	0367.1	078.4		303.6	000.3000	0337.6	097.6	32.28
126.0	028.0000	0366.7	078.4		302.8	000.3000	0340.6	097.7	32.34
127.0	028.0000	0366.4	078.4		302.0	000.3000	0342.8	097.9	32.37
128.0	028.0000	0366.2	078.4		301.2	000.3000	0344.7	098.1	32.37
129.0	028.0000	0366.1	078.4		300.4	000.3000	0346.4	098.3	32.37
130.0	028.0000	0365.9	078.4		299.6	000.3000	0348.2	098.6	32.35
131.0	028.0000	0365.7	078.3		298.8	000.3000	0350.1	098.9	32.32
132.0	028.0000	0365.4	078.3		298.1	000.3000	0351.0	099.2	32.25
133.0	028.0000	0365.0	078.3		297.3	000.3000	0350.6	099.6	32.12
134.0	028.0000	0364.7	078.3		296.6	000.3000	0349.0	100.1	31.93
135.0	028.0000	0364.2	078.2		295.8	000.3000	0347.3	100.5	31.73
136.0	028.0000	0363.8	078.2		295.1	000.3000	0346.3	101.1	31.55
137.0	028.0000	0363.4	078.2		294.4	000.3000	0346.5	101.6	31.39
138.0	028.0000	0362.8	078.1		293.7	000.3000	0347.9	102.2	31.27
139.0	028.0000	0362.3	078.1		293.0	000.3000	0349.9	102.9	31.16
140.0	028.0000	0361.8	078.1		292.4	000.3000	0352.3	103.5	31.06
141.0	028.0000	0361.2	078.0		291.7	000.3000	0355.0	104.2	30.96
142.0	028.0000	0360.5	078.0		291.1	000.3000	0358.1	105.0	30.87
143.0	028.0000	0359.7	077.9		290.5	000.3000	0361.6	105.8	30.79
144.0	028.0000	0358.7	077.8		289.9	000.3000	0365.4	106.6	30.71
145.0	028.0000	0357.6	077.7		289.4	000.3000	0369.7	107.5	30.64
146.0	028.0000	0356.5	077.7		288.8	000.3000	0374.4	108.3	30.57
147.0	028.0000	0355.3	077.6		288.3	000.3000	0379.0	109.3	30.49
148.0	028.0000	0354.1	077.5		287.8	000.3000	0383.5	110.2	30.38
149.0	028.0000	0352.7	077.4		287.3	000.3000	0387.6	111.2	30.25
150.0	028.0000	0351.1	077.3		286.8	000.3000	0391.4	112.2	30.10
151.0	028.0000	0349.6	077.2		286.4	000.3000	0394.8	113.2	29.93
152.0	028.0000	0348.2	077.1		286.0	000.3000	0397.6	114.3	29.74
153.0	028.0000	0346.9	077.0		285.6	000.3000	0399.9	115.3	29.54
154.0	028.0000	0345.7	076.9		285.2	000.3000	0401.8	116.4	29.32
155.0	028.0000	0344.5	076.8		284.8	000.3000	0403.0	117.5	29.07
156.0	028.0000	0343.1	076.7		284.4	000.3000	0403.5	118.6	28.80
157.0	028.0000	0341.5	076.6		284.1	000.3000	0403.4	119.8	28.51
158.0	028.0000	0339.5	076.4		283.8	000.3000	0403.0	120.9	28.19
159.0	028.0000	0337.2	076.2		283.5	000.3000	0402.4	122.1	27.87
160.0	028.0000	0334.7	076.1		283.2	000.3000	0401.6	123.4	27.54
161.0	028.0000	0332.1	075.9		283.0	000.3000	0400.9	124.6	27.21
162.0	028.0000	0329.5	075.7		282.7	000.3000	0400.1	125.8	26.87
163.0	028.0000	0326.9	075.5		282.5	000.3000	0399.5	127.1	26.54

164.0	028.0000	0324.3	075.3		282.3	000.3000	0398.9	128.3	26.20
165.0	028.0000	0321.5	075.1		282.1	000.3000	0398.4	129.6	25.87
166.0	028.0000	0318.1	074.8		282.0	000.3000	0397.9	130.9	25.53
167.0	028.0000	0313.8	074.5		281.9	000.3000	0397.6	132.2	25.18
168.0	028.0000	0308.4	074.1		281.8	000.3000	0397.4	133.5	24.83
169.0	028.0000	0302.2	073.7		281.8	000.3000	0397.4	134.9	24.49
170.0	028.0000	0295.0	073.1		281.8	000.3000	0397.4	136.3	24.14
171.0	028.0000	0288.0	072.5		281.9	000.3000	0397.5	137.7	23.80
172.0	028.0000	0281.2	072.0		281.9	000.3000	0397.7	139.1	23.47
173.0	028.0000	0273.6	071.3		282.0	000.3000	0398.0	140.5	23.16
174.0	028.0000	0263.7	070.5		282.2	000.3000	0398.5	141.9	22.85
175.0	028.0000	0248.2	069.2		282.5	000.3000	0399.5	143.4	22.54
176.0	028.0000	0229.9	067.6		283.0	000.3000	0400.9	145.0	22.26
177.0	028.0000	0208.9	065.7		283.6	000.3000	0402.7	146.7	21.98
178.0	028.0000	0181.5	063.1		284.5	000.3000	0403.5	148.4	21.64
179.0	028.0000	0153.3	059.9		285.5	000.3000	0400.1	150.3	21.19
180.0	028.0000	0123.4	055.7		286.9	000.3000	0390.7	152.4	20.54
181.0	028.0000	0093.7	050.6		288.7	000.3000	0375.7	154.7	19.74
182.0	028.0000	0064.0	044.0		290.9	000.3000	0359.4	157.5	18.79
183.0	028.0000	0033.5	033.3		294.5	000.3000	0346.5	161.6	17.67
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## Environmental Compliance

A two bay full wave Phelps-Dodge Ring Stub/Dipole (worst case downwards radiator) was used to gauge the maximum RF for the proposal in OET program FM Model for Windows demonstrating a peak exposure of  $18.5 \mu\text{W}/\text{cm}^2$  6.3 meter from the antenna. This is 9.3% of the FCC Maximum Permissible Exposure (MPR) for  $200 \mu\text{W}/\text{cm}^2$  for Unrestricted Areas so the proposal passes compliance. Power will be shut off if any work is done on the antenna or on the roof of adjacent building.

