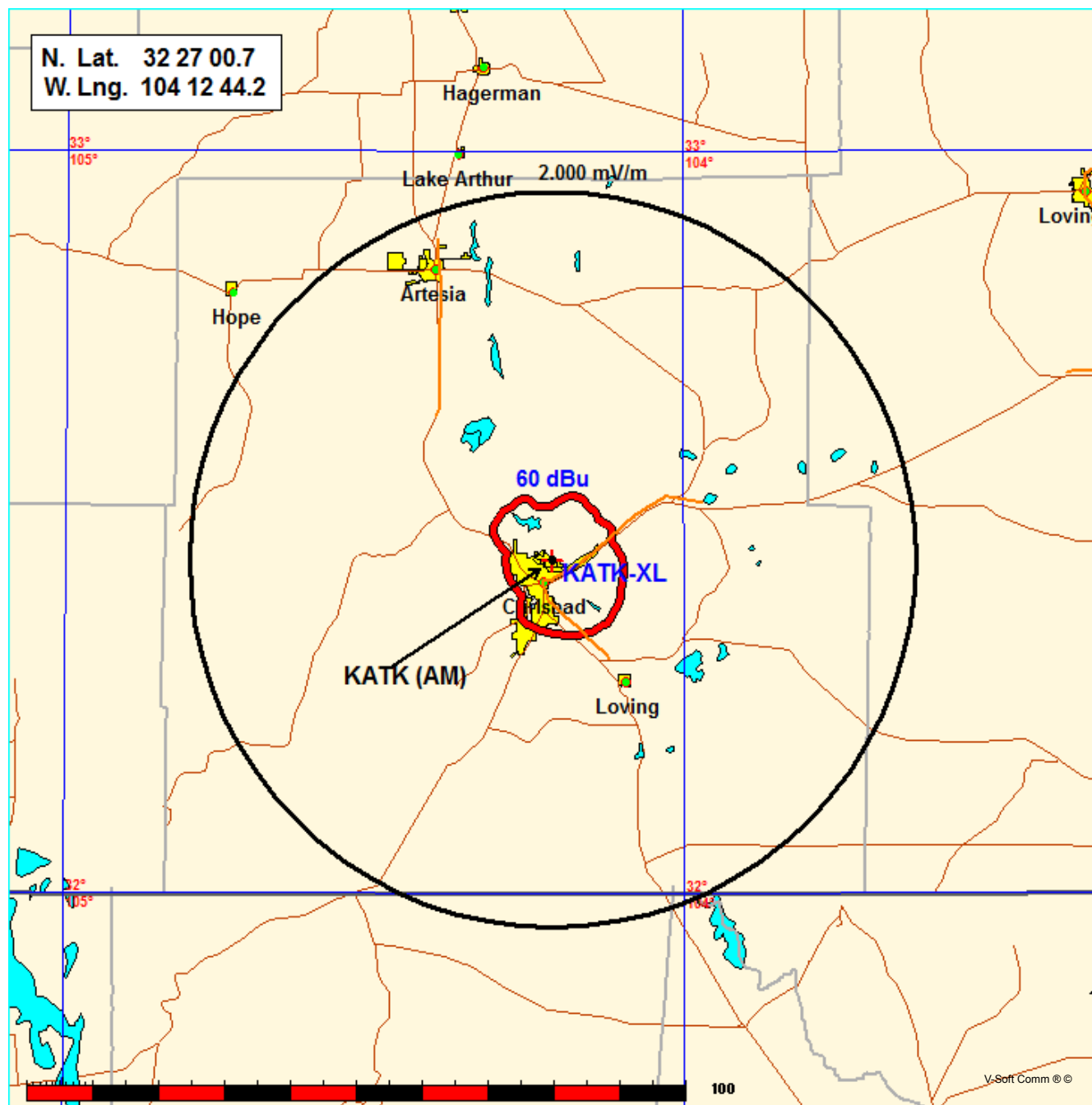


Cross-Service 60 dBu Translator Coverage
Carlsbad Radio, Inc.

Coverage Study - GLOBE 30 Sec
01-22-2018

KATK-XL CH230 D , 0.25 kW, 55.2m HAAT, 1039.0m COR AMSL
Service Contour = 60 dBu. Population = 30,181



N. Lat. = 32-27-00.7 W. Lng. = 104-12-44.2
 HAAT and Distance to Contour,
 FCC, FM 2-10 Mi, 51 pts Method - GLOBE 30 SEC

KATK-XL, Cross-Service Distance to 60 dBu Contour Table

Azi.	AV EL	HAAT	ERP kw	dBk	Field	60-F5
000	997.8	41.2	0.2500	-6.02	1.000	8.30
030	981.8	57.2	0.2500	-6.02	1.000	9.95
060	981.0	58.0	0.2500	-6.02	1.000	10.02
090	973.7	65.3	0.2500	-6.02	1.000	10.56
120	956.0	83.0	0.2500	-6.02	1.000	11.77
150	947.9	91.1	0.2500	-6.02	1.000	12.30
180	966.9	72.1	0.2500	-6.02	1.000	11.03
210	983.8	55.2	0.2500	-6.02	1.000	9.77
240	1031.1	7.9	0.2500	-6.02	1.000	7.09
270	1031.6	7.4	0.2500	-6.02	1.000	7.09
300	977.1	61.9	0.2500	-6.02	1.000	10.32
330	976.8	62.2	0.2500	-6.02	1.000	10.34

Ave Elevation = 983.80 M HAAT = 55.20 M AMSL = 1039.0

CARLSBAD

,NM

Call: KATK

Coordinates: N 32 27 2 W 104 12 47

Frequency: 740 kHz Number of contours: 1

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m. 2.000
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0.0	297.73	55.07
5.0	297.73	55.07
10.0	297.73	55.07
15.0	297.73	55.07
20.0	297.73	55.07
25.0	297.73	55.07
30.0	297.73	55.07
35.0	297.73	55.07
40.0	297.73	55.07
45.0	297.73	55.07
50.0	297.73	55.07
55.0	297.73	55.07
60.0	297.73	55.07
65.0	297.73	55.07
70.0	297.73	55.07
75.0	297.73	55.07
80.0	297.73	55.07
85.0	297.73	55.07
90.0	297.73	55.07
95.0	297.73	55.07
100.0	297.73	55.07
105.0	297.73	55.07
110.0	297.73	55.07
115.0	297.73	55.07
120.0	297.73	55.07
125.0	297.73	55.07
130.0	297.73	55.07
135.0	297.73	55.07
140.0	297.73	55.07
145.0	297.73	55.07
150.0	297.73	55.07
155.0	297.73	55.07
160.0	297.73	55.07
165.0	297.73	55.07
170.0	297.73	55.07
175.0	297.73	55.07
180.0	297.73	55.07
185.0	297.73	55.07
190.0	297.73	55.07
195.0	297.73	55.07
200.0	297.73	55.07

205.0	297.73	55.07
210.0	297.73	55.07
215.0	297.73	55.07
220.0	297.73	55.07
225.0	297.73	55.07
230.0	297.73	55.07
235.0	297.73	55.07
240.0	297.73	55.07
245.0	297.73	55.07
250.0	297.73	55.07
255.0	297.73	55.07
260.0	297.73	55.07
265.0	297.73	55.07
270.0	297.73	55.07
275.0	297.73	55.07
280.0	297.73	55.07
285.0	297.73	55.07
290.0	297.73	55.07
295.0	297.73	55.07
300.0	297.73	55.07
305.0	297.73	55.07
310.0	297.73	55.07
315.0	297.73	55.07
320.0	297.73	55.07
325.0	297.73	55.07
330.0	297.73	55.07
335.0	297.73	55.07
340.0	297.73	55.07
345.0	297.73	55.07
350.0	297.73	55.07
355.0	297.73	55.07