

K286CI.C Waverly, IA  
 74.1204(d) Showing  
 Translator or LPFM Maximum Licensed ERP = 0.25  
 Translator or LPFM Antenna Height AG = 93 Meters  
 K286CI.C Antenna Model = SHPX3H

Protected Station's Contour = 86.37468 dBu  
 Translator's or LPFM's full Interference contour 126.37468

Review Azimuth = 0 Degrees True  
 Relative Field on the horizon at Review Azimuth = 1.000  
 Translator/LPFM ERP on the horizon at Review Azimuth = 0.25 kw  
 Distance between stations = 17.1 km  
 Protected Station= KOKZ, 100 kw, 454 M Meters COR AMSL

Depression Angle From Horizon(Deg)	Vertical Relative Field	Horizontal Relative Field	ERP (kw)	Dist to IX Contour Along Dep. Angle(m)	Dist to IX Contour From Tower Base(m)	Height IX Above Ground (m)
00.00	1.0	1.0	0.2500	053.2397	053.2397	093.000
05.00	0.972	1.0	0.2362	051.7490	051.5521	088.490
10.00	0.892	1.0	0.1989	047.4899	046.7684	084.753
15.00	0.769	1.0	0.1478	040.9414	039.5463	082.404
20.00	0.619	1.0	0.0958	032.9554	030.9680	081.729
25.00	0.457	1.0	0.0522	024.3306	022.0510	082.717
30.00	0.298	1.0	0.0222	015.8654	013.7399	085.067
35.00	0.156	1.0	0.0061	008.3054	006.8034	088.236
40.00	0.039	1.0	0.0004	002.0764	001.5906	091.665
45.00	0.049	1.0	0.0006	002.6087	001.8447	091.155
50.00	0.108	1.0	0.0029	005.7499	003.6960	088.595
55.00	0.141	1.0	0.0050	007.5068	004.3057	086.851
60.00	0.153	1.0	0.0059	008.1457	004.0728	085.946
65.00	0.15	1.0	0.0056	007.9860	003.3750	085.762
70.00	0.136	1.0	0.0046	007.2406	002.4764	086.196
75.00	0.116	1.0	0.0034	006.1758	001.5984	087.035
80.00	0.092	1.0	0.0021	004.8981	000.8505	088.176
85.00	0.067	1.0	0.0011	003.5671	000.3109	089.447
90.00	0.042	1.0	0.0004	002.2361	000.0000	090.764

Proposed K286CI, FCC tower registration #1014907

