

K232EO.A Waverly, IA
 74.1204(d) Showing
 Translator or LPFM Maximum Licensed ERP = 0.05
 Translator or LPFM Antenna Height AG = 78 Meters
 K232EO.A Antenna Model = 3 BAY HALF-WAVE SPACED

Protected Station's Contour = 73.46336 dBu
 Translator's or LPFM's full Interference contour 113.46336

Review Azimuth = 0 Degrees True
 Relative Field on the horizon at Review Azimuth = 1.000
 Translator/LPFM ERP on the horizon at Review Azimuth = 0.05 kW
 Distance between stations = 48.0 km
 Protected Station= KOKZ, 100 kW, 677 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	0.0500	105.2730	105.2730	078.000
05.00	0.972	1.0	0.0472	102.3254	101.9360	069.082
10.00	0.892	1.0	0.0398	093.9035	092.4769	061.694
15.00	0.769	1.0	0.0296	080.9549	078.1965	057.047
20.00	0.619	1.0	0.0192	065.1640	061.2341	055.713
25.00	0.457	1.0	0.0104	048.1098	043.6023	057.668
30.00	0.298	1.0	0.0044	031.3714	027.1684	062.314
35.00	0.156	1.0	0.0012	016.4226	013.4526	068.580
40.00	0.039	1.0	0.0001	004.1056	003.1451	075.361
45.00	0.049	1.0	0.0001	005.1584	003.6475	074.352
50.00	0.108	1.0	0.0006	011.3695	007.3082	069.290
55.00	0.141	1.0	0.0010	014.8435	008.5139	065.841
60.00	0.153	1.0	0.0012	016.1068	008.0534	064.051
65.00	0.15	1.0	0.0011	015.7910	006.6735	063.689
70.00	0.136	1.0	0.0009	014.3171	004.8967	064.546
75.00	0.116	1.0	0.0007	012.2117	003.1606	066.204
80.00	0.092	1.0	0.0004	009.6851	001.6818	068.462
85.00	0.067	1.0	0.0002	007.0533	000.6147	070.974
90.00	0.042	1.0	0.0001	004.4215	000.0000	073.579

* - A negative number in this column indicates calculated interference at ground level.
 A positive number in this column indicates the height, in meters, where outgoing interference could occur. As shown, there is NO outgoing interference at ground level.

The site is rural and there are no tall, inhabitable buildings within the interference area.