



W231AD ,  
 74.1204(d) Showing  
 Translator or LPFM Maximum Licensed ERP = 0.25  
 Translator or LPFM Antenna Height AG = 73 Meters  
 W231AD Antenna Model = SHPX1F

Protected Station's Contour = 79.07712 dBu  
 Translator's or LPFM's full Interference contour 119.07712

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 = 9.9 km  
 Protected Station= WQTL, 2.25 kW, 201.5 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)
00.0	1.0	1.0	0.2500	123.3429	123.3429	073.000
05.0	0.993	1.0	0.2465	122.4795	122.0134	062.325
10.0	0.974	1.0	0.2372	120.1359	118.3108	052.139
15.0	0.941	1.0	0.2214	116.0656	112.1108	042.960
20.0	0.897	1.0	0.2012	110.6385	103.9662	035.159
25.0	0.843	1.0	0.1777	103.9780	094.2361	029.057
30.0	0.780	1.0	0.1521	096.2074	083.3181	024.896
35.0	0.709	1.0	0.1257	087.4501	071.6349	022.841
40.0	0.633	1.0	0.1002	078.0760	059.8097	022.814
45.0	0.554	1.0	0.0767	068.3319	048.3180	024.682
50.0	0.473	1.0	0.0559	058.3412	037.5010	028.308
55.0	0.394	1.0	0.0388	048.5971	027.8741	033.192
60.0	0.317	1.0	0.0251	039.0997	019.5498	039.139
65.0	0.245	1.0	0.0150	030.2190	012.7711	045.612
70.0	0.181	1.0	0.0082	022.3251	007.6356	052.021
75.0	0.124	1.0	0.0038	015.2945	003.9585	058.227
80.0	0.077	1.0	0.0015	009.4974	001.6492	063.647
85.0	0.041	1.0	0.0004	005.0571	000.4408	067.962
90.0	0.016	1.0	0.0001	001.9735	000.0000	071.027