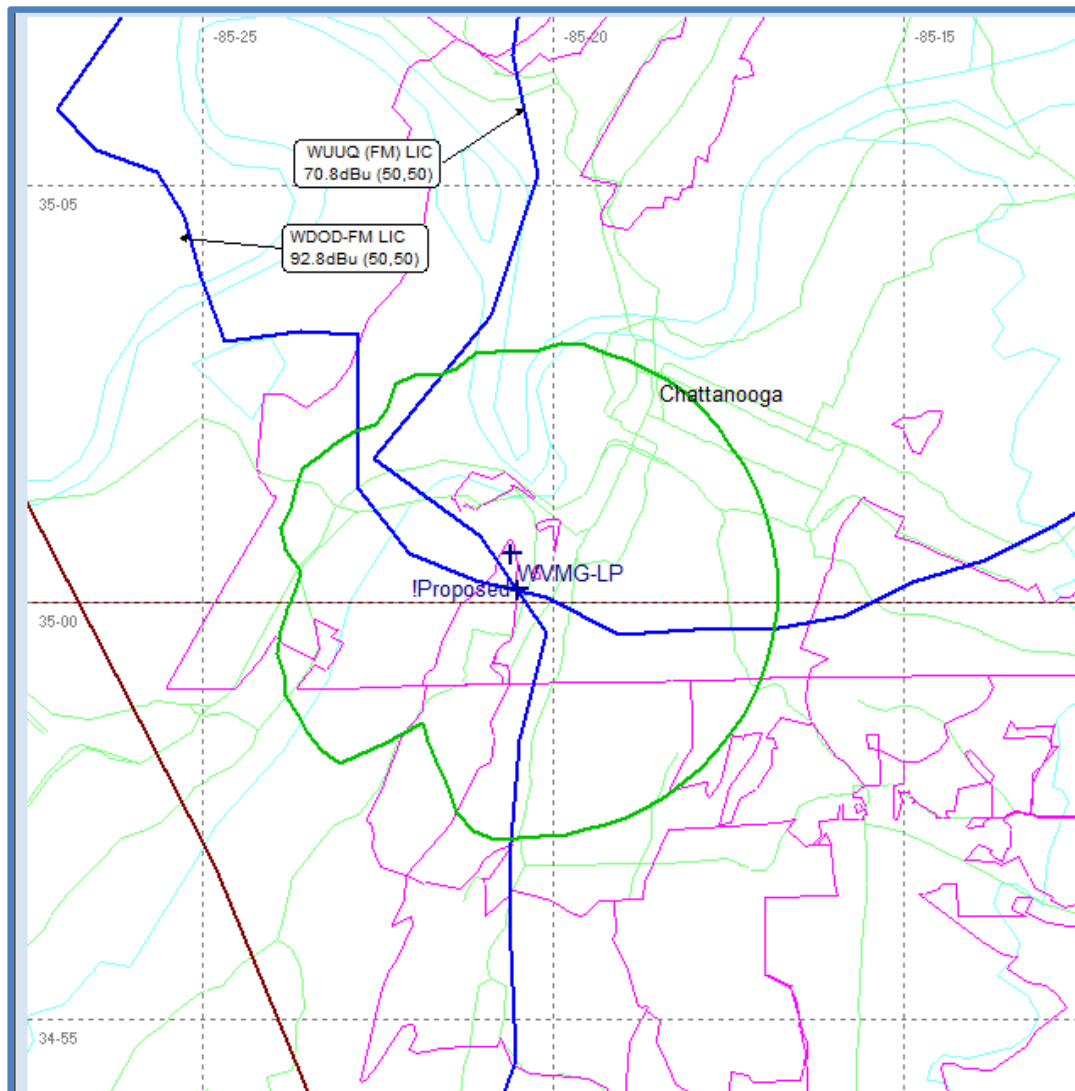


PROPOSED MINOR CHANGE
License LMS-0000164638
WVMG-LP Chattanooga TN
FACID 195423

TECHNICAL STATEMENTS

This instant application requests a modification of this facility at a new location and height on the authorized channel. This is a minor move of less than 1km from the licensed site.

The proposed location is clear of all co-channel and first-adjacent facilities. The station currently operates with a 2nd adjacent waiver to second adjacent stations WUUQ(FM) and WOOD-FM. That waiver remains in effect and compliance is demonstrated below.



The 2nd adjacent contours are noted above, and with the FCC estimated ERP of 1.0 watt, the larger of the +40dB interfering contours – the 110.0dBu – would only extend 22 meters in any direction. Utilizing the 1-bay antenna noted below, the contour can not reach any point where humans would be present at any depression angle. Thus, the 2nd adjacent waiver now held should remain in effect.

NICOM BKG77
1-Bay Circularly Polarized FM Antenna



Frequency = 96.9 Mhz
Interfering Contour 110 dBu (50, 10)

ERP = 1 watts
Height = 14 m AGL

Depression Angle	Relative Field (α)	Effective Power (w)	Distance to Contour (m)	Distance from Antenna to Ground (m)	Clearance (m)
1	1.000	1.0	22.18	1,069.55	1047
2	0.996	1.0	22.09	534.86	513
3	0.992	1.0	22.00	356.66	335
4	0.989	1.0	21.94	267.59	246
5	0.983	1.0	21.80	214.17	192
6	0.981	1.0	21.76	178.58	157
7	0.979	1.0	21.72	153.17	131
8	0.975	1.0	21.63	134.12	112
9	0.973	0.9	21.58	119.32	98
10	0.971	0.9	21.54	107.49	86
11	0.970	0.9	21.52	97.83	76
12	0.969	0.9	21.49	89.78	68
13	0.968	0.9	21.47	82.98	62
14	0.966	0.9	21.43	77.16	56
15	0.965	0.9	21.41	72.12	51
16	0.961	0.9	21.32	67.72	46
17	0.957	0.9	21.23	63.84	43
18	0.953	0.9	21.14	60.41	39
19	0.949	0.9	21.05	57.33	36
20	0.945	0.9	20.96	54.58	34
21	0.941	0.9	20.87	52.09	31
22	0.938	0.9	20.81	49.83	29
23	0.934	0.9	20.72	47.77	27
24	0.930	0.9	20.63	45.89	25
25	0.926	0.9	20.54	44.17	24
26	0.915	0.8	20.30	42.58	22
27	0.904	0.8	20.05	41.12	21
28	0.894	0.8	19.83	39.76	20
29	0.883	0.8	19.59	38.50	19
30	0.872	0.8	19.34	37.33	18
31	0.868	0.8	19.25	36.24	17
32	0.863	0.7	19.14	35.22	16
33	0.858	0.7	19.03	34.27	15
34	0.850	0.7	18.85	33.38	15
35	0.843	0.7	18.70	32.54	14
36	0.834	0.7	18.50	31.76	13
37	0.824	0.7	18.28	31.02	13
38	0.816	0.7	18.10	30.32	12
39	0.807	0.7	17.90	29.66	12
40	0.798	0.6	17.70	29.04	11
41	0.788	0.6	17.48	28.45	11
42	0.778	0.6	17.26	27.90	11
43	0.767	0.6	17.01	27.37	10
44	0.755	0.6	16.75	26.87	10
45	0.744	0.6	16.50	26.40	10

Depression Angle	Relative Field	Effective Power (w)	Distance to Contour (m)	Distance from Antenna to Ground (m)	Clearance (m)
46	0.729	0.5	16.17	19.46	10
47	0.716	0.5	15.88	19.14	10
48	0.704	0.5	15.62	18.84	9
49	0.693	0.5	15.37	18.55	9
50	0.682	0.5	15.13	18.28	9
51	0.670	0.4	14.86	18.01	9
52	0.659	0.4	14.62	17.77	9
53	0.648	0.4	14.37	17.53	9
54	0.637	0.4	14.13	17.30	9
55	0.626	0.4	13.89	17.09	9
56	0.611	0.4	13.55	16.89	9
57	0.602	0.4	13.35	16.69	9
58	0.588	0.3	13.04	16.51	9
59	0.579	0.3	12.84	16.33	9
60	0.563	0.3	12.49	16.17	9
61	0.551	0.3	12.22	16.01	9
62	0.538	0.3	11.93	15.86	9
63	0.523	0.3	11.60	15.71	9
64	0.511	0.3	11.33	15.58	9
65	0.499	0.2	11.07	15.45	10
66	0.484	0.2	10.74	15.32	10
67	0.469	0.2	10.40	15.21	10
68	0.454	0.2	10.07	15.10	10
69	0.439	0.2	9.74	15.00	10
70	0.424	0.2	9.41	14.90	10
71	0.409	0.2	9.07	14.81	11
72	0.398	0.2	8.83	14.72	11
73	0.381	0.1	8.45	14.64	11
74	0.366	0.1	8.12	14.56	11
75	0.351	0.1	7.79	14.49	12
76	0.338	0.1	7.50	14.43	12
77	0.319	0.1	7.08	14.37	12
78	0.302	0.1	6.70	14.31	12
79	0.290	0.1	6.43	14.26	13
80	0.277	0.1	6.14	14.22	13
81	0.261	0.1	5.79	14.17	13
82	0.248	0.1	5.50	14.14	13
83	0.231	0.1	5.12	14.11	14
84	0.215	0.0	4.77	14.08	14
85	0.200	0.0	4.44	14.05	14
86	0.189	0.0	4.19	14.03	15
87	0.174	0.0	3.86	14.02	15
88	0.161	0.0	3.57	14.01	15
89	0.147	0.0	3.26	14.00	15
90	0.134	0.0	0.00	14.00	19

NOTES:

- HEIGHT HAS BEEN REDUCED BY 2 METERS TO ALLOW FOR HUMAN EXPOSURE
- DISTANCE FROM ANTENNA TO GROUND IS ACTUALLY TO A POINT 2 METERS ABOVE GROUND