

WMNY MOUNT LEBANON, PA BMJP-20050118AJC 910 kHz

Daytime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 7.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 59695
Application ID: 1166836
CDBS Antenna System ID: 97454

6 Towers
0 Augmentations

Theoretical pattern RMS: 795.20
Standard pattern RMS: 835.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1960.36	2058.57	
5	2028.57	2130.18	
10	2047.38	2149.93	
15	2015.26	2116.21	
20	1933.14	2029.99	
25	1804.35	1894.77	
30	1634.41	1716.36	
35	1430.80	1502.59	
40	1202.56	1263.00	
45	959.98	1008.36	
50	714.14	750.36	
55	476.90	501.52	
60	263.32	277.88	
65	119.69	128.71	
70	175.22	186.07	
75	289.74	305.50	
80	378.94	398.86	
85	433.54	456.06	
90	453.96	477.47	
95	443.84	466.86	
100	408.62	429.95	
105	354.83	373.61	
110	289.43	305.17	
115	219.34	231.98	
120	150.95	160.91	
125	89.92	98.42	
130	42.10	52.21	
135	23.33	37.04	
140	36.91	47.69	
145	47.33	56.94	
150	48.89	58.36	
155	43.41	53.38	
160	33.82	45.09	
165	22.95	36.78	
170	13.01	30.96	
175	5.32	28.34	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	0.63	27.79	
185	2.42	27.90	
190	3.01	27.96	
195	2.39	27.89	
200	3.27	27.99	
205	6.95	28.72	
210	11.56	30.31	
215	15.69	32.30	
220	18.13	33.68	
225	18.12	33.67	
230	16.12	32.53	
235	15.13	32.00	
240	19.38	34.44	
245	27.46	40.04	
250	35.24	46.27	
255	39.72	50.11	
260	39.05	49.53	
265	32.84	44.28	
270	22.95	36.77	
275	16.89	32.96	
280	23.37	37.07	
285	31.74	43.39	
290	32.26	43.81	
295	24.31	37.73	
300	42.73	52.77	
305	105.64	114.35	
310	202.20	214.12	
315	330.83	348.48	
320	489.51	514.73	
325	673.95	708.19	
330	877.56	921.86	
335	1091.71	1146.64	
340	1306.35	1371.94	
345	1510.70	1586.48	
350	1694.11	1779.03	
355	1846.77	1939.31	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission