

Demonstration of Lack of Interference at WLJA-FM Listening Locations

Point Number	Latitude	Longitude	Azimuth From W266BW site	Desirable WLJA-FM (dBu)	Undesirable Licensed W266BW (dBu)	Desirable/ Undesirable (dBu)	Adjustment to Actual Antenna Fill Pattern (dBu)	Actual Desirable/ Undesirable (dBu)
1	34 02 34.41	84 20 28.56	359.60	51.10	32.20	18.90	-4.47	23.37
2	33 59 02.97	84 32 32.25	316.44	49.42	32.12	17.30	-14.67	31.97
3	34 03 58.17	84 15 23.65	14.83	49.98	30.27	19.71	-2.50	22.21
4	33 53 29.27	84 45 17.63	283.81	46.00	41.40	4.60	-16.03	20.63
4A	34 07 43.3	84 51 09.3	307.19	55.50	18.90	36.60	-17.31	53.91
4B	33 54 32	84 49 28.6	284.28	46.20	38.15	8.05	-16.30	24.35
4C	33 58 04	84 32 11.1	314.49	48.50	33.20	15.30	-15.10	30.40
4D	33 55 20.4	84 29 08.0	313.48	45.20	38.55	6.65	-15.35	22.00
5	33 54 06.94	84 46 44.96	284.64	46.21	39.84	6.37	-16.51	22.88
5A	34 00 23.0	84 29 27.9	327.72	49.15	32.60	16.55	-13.14	29.69
5B	33 51 55.4	84 57 54.9					Outside Of 45 dBu Contour	
5C	33 58 55.4	84 26 37.2	333.36	46.80	35.82	10.98	-12.35	23.33
5D	33 54 06.9	84 46 44.96	284.64	46.21	39.84	6.37	-16.51	22.88
5E	33 57 49.7	84 29 36.2	320.78	47.30	35.15	12.15	-13.74	25.89
5F	33 56 45.2	84 37 27.3	300.44	48.65	33.80	14.85	-19.81	34.66
6	33 56 45.01	84 54 46.77	286.37	46.50	33.50	13.00	-17.51	30.51
7	34 02 18.02	84 20 35.46	359.20	51.00	32.64	18.36	-4.50	22.86
8	33 54 06.24	84 34 23.07	296.00	46.02	42.00	4.02	-20.05	24.07
9	33 57 04.11	84 30 37.84	315.38	47.15	35.50	11.65	-14.88	26.53
10	33 54 18.74	84 36 14.24	294.08	46.51	41.50	5.01	-20.02	25.03
11	33 53 12.75	84 44 25.58	283.54	45.91	42.20	3.71	Outside Of 45 dBu Contour	