

WWBB, Facility ID No. : 54568

Minor Modification to Specify Assignment Coordinates

January 2015

This application is one of three applications of a coordinated contingent group of minor change applications involving stations WCIB, Falmouth, MA, Facility ID 2683, WBWL, Lynn, MA, Facility ID 40824, and WWBB, Providence, RI, Facility ID 54568. WBWL is seeking a one-step Class upgrade from A to B1, while WCIB is modifying from Class B to B1. By this application WWBB is specifying a set of assignment (“allotment”) coordinates that will allow WBWL a fully spaced B1 allocation location, no change in facilities for WWBB is requested.

Antenna Location

Attached as **Figure 1** is a spacing study conducted at the present and proposed WWBB antenna location¹, which includes all known facilities, applications and allocations, as well as the planned modified facilities of WBWL and WCIB. This Figure confirms that the WWBB antenna location will be fully spaced in accordance with Section 73.207 with all known facilities, except with the licensed and contingent modified facilities of WBWL. Section 73.215 compliance with these facilities will be demonstrated. Attached as **Figure 2** is the present and proposed antenna directional pattern, which was used to produce **Figure 3**, a map of predicted principal community signal, demonstrating that the entire WWBB principal community will receive the required level of signal.

As the proposed WWBB facility is short of the required Section 73.207 spacing distance to the licensed and the proposed contingent WBWL Class B1 non-directional antenna facility, which will itself use Section 73.215, it is proposed to use Section 73.215 for this proposed WWBB Class A facility to demonstrate compliance with regard to WBWL. As shown in **Figure 4**, utilizing the “NED 30 Meter” terrain database, no prohibited contour overlap is predicted to be created by this proposal. A study of each material radial was conducted using “FM_Over”, with the results presented in **Figure 5**, again 30 Meter terrain data was utilized.

Allocation/Assignment Location

The principal purpose of this application is to specify an assignment coordinate location² for WWBB that will allow WBWL to specify a fully spaced assignment location to allow a class upgrade from A to B1. Attached as **Figure 6** is a spacing study conducted at the present and proposed WWBB special assignment (allocation) location, which includes all known facilities, applications and allocations, as well as the planned modified facilities of WBWL and WCIB. This Figure confirms that the WWBB antenna location will be fully spaced in accordance with Section 73.207 with all known facilities, except with the licensed and contingent modified facilities of WBWL.

¹ 41-49-30.4 N 71-24-38.0 W (NAD 27) Antenna Location: the existing location, with no registration required, on the roof of One Financial Plaza, Providence, Rhode Island.

² 41-41-42.0 N 71-31-26.0 W (NAD 27) Allocation Location: Antenna Structure Registration Number 1212037.

This location is suitable for use as an as a Class A assignment location as it is an existing broadcast facility tower, and from this location a Class A facility would produce a 70 dBu F50:50 contour which would encompass at least 84% of the area or 90% of the population within the legal boundaries of the community of Providence, RI, as demonstrated in **Figure 7**, (deemed substantial compliance with § 73.315(a)).

RF Fields Statement

As this is an existing facility with no changes contemplated by this application, a copy of the report on electromagnetic (RF) field strength measurements on the roof and throughout the building prepared required by permit BPH-20140804ADC is attached to this application to demonstrate compliance with FCC guidelines.

Figure 1. WWBB Antenna Location Spacing Study

WWBB Spacing Study								
Clear Channel Broadcasting Licenses, Inc.								
REFERENCE								
41 49 30.4 N.	CLASS = A Int = A							
71 24 38.0 W.	Current Spacings to 3rd Adj.							
----- Channel 268 - 101.5 MHz -----								
Call	Channel	Location		Azi	Dist	FCC	Margin	
WWBB	CP -Z 268A	Providence	RI	0.0	0.00	114.5	-114.5	
Current Facility								
WBWL	Prp-N 269B1	Lynn	MA	21.4	72.37	95.5	-23.1	
Contingent Filed Application Antenna Location								
WBWL	Alo-N 269B1	Lynn	MA	28.2	81.08	95.5	-14.4	
Contingent Filed Application Allocation Location								
WJHD	LIC 214A	Portsmouth	RI	155.2	27.35	9.5	17.9	
WKCI-FM	LIC-N 267B	Hamden	CT	251.7	135.12	112.5	22.6	
WCIB	Alo 270B1	Falmouth	MA	113.4	73.98	68.5	5.5	
Contingent Filed Application Allocation Location								
WCIB	PrP-Z 270B1	Falmouth	MA	113.4	73.98	47.5	26.5	
Contingent Filed Application Antenna Location								
WPDH	LIC 268B	Poughkeepsie	NY	267.7	215.32	177.5	37.8	
WRSY	LIC-N 268A	Marlboro	VT	317.7	154.73	114.5	40.2	
WBUR-FM	LIC-D 215B	Boston	MA	15.9	55.75	14.5	41.3	
WAQY	LIC 271B	Springfield	MA	285.5	111.04	68.5	42.5	
WKNL	LIC-Z 265A	New London	CT	235.1	74.36	30.5	43.9	
WHYA	LIC-N 266A	Mashpee	MA	99.4	89.74	30.5	59.2	
WGIR-FM	LIC 266B	Manchester	NH	353.6	129.30	68.5	60.8	
WCNI	LIC 215A	New London	CT	229.8	76.20	9.5	66.7	
WBEA	LIC 269A	Southold	NY	222.9	144.20	71.5	72.7	

All separation margins include rounding								

Figure 2. WWBB Directional Antenna Pattern

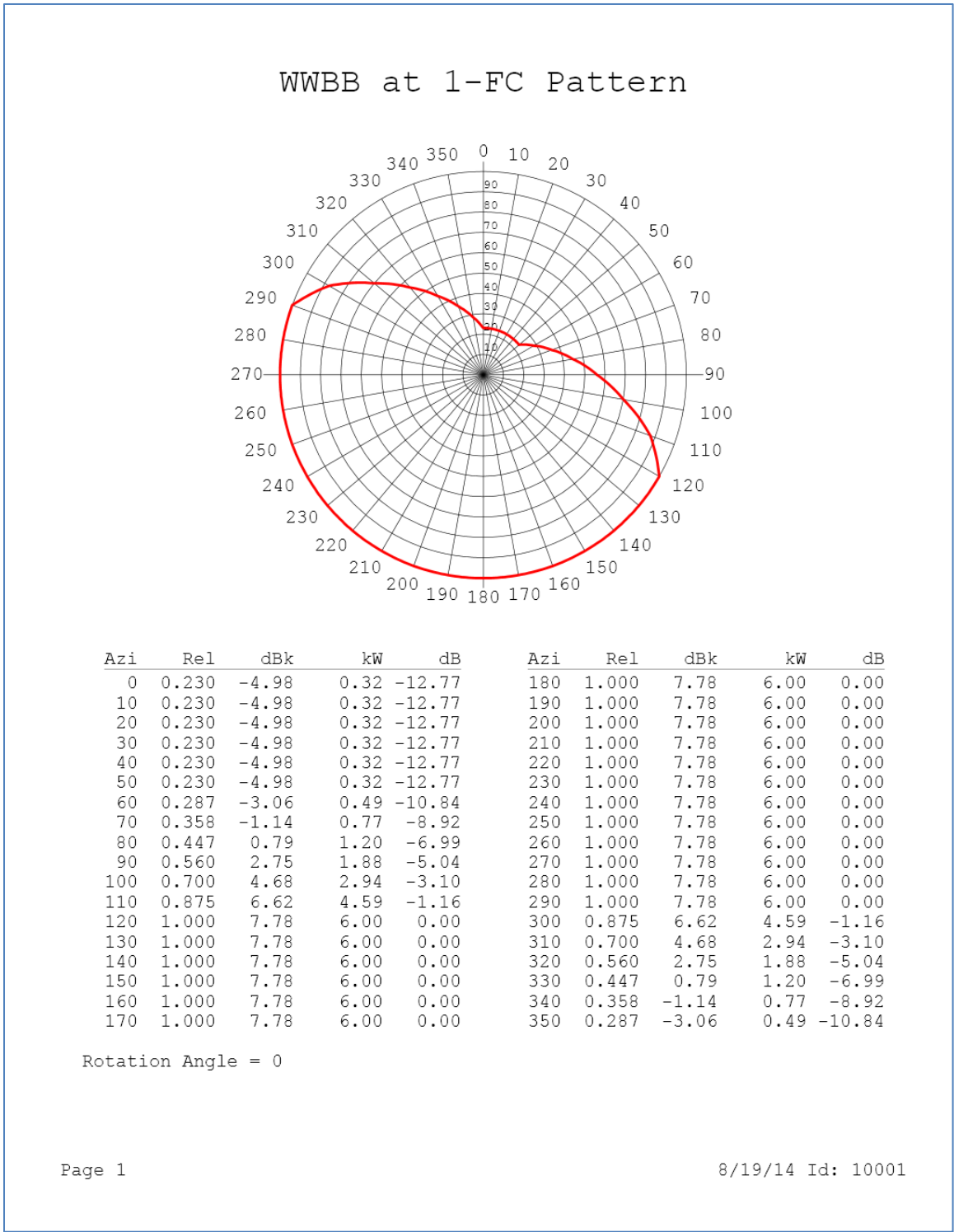


Figure 3. Map of Principal Community Coverage

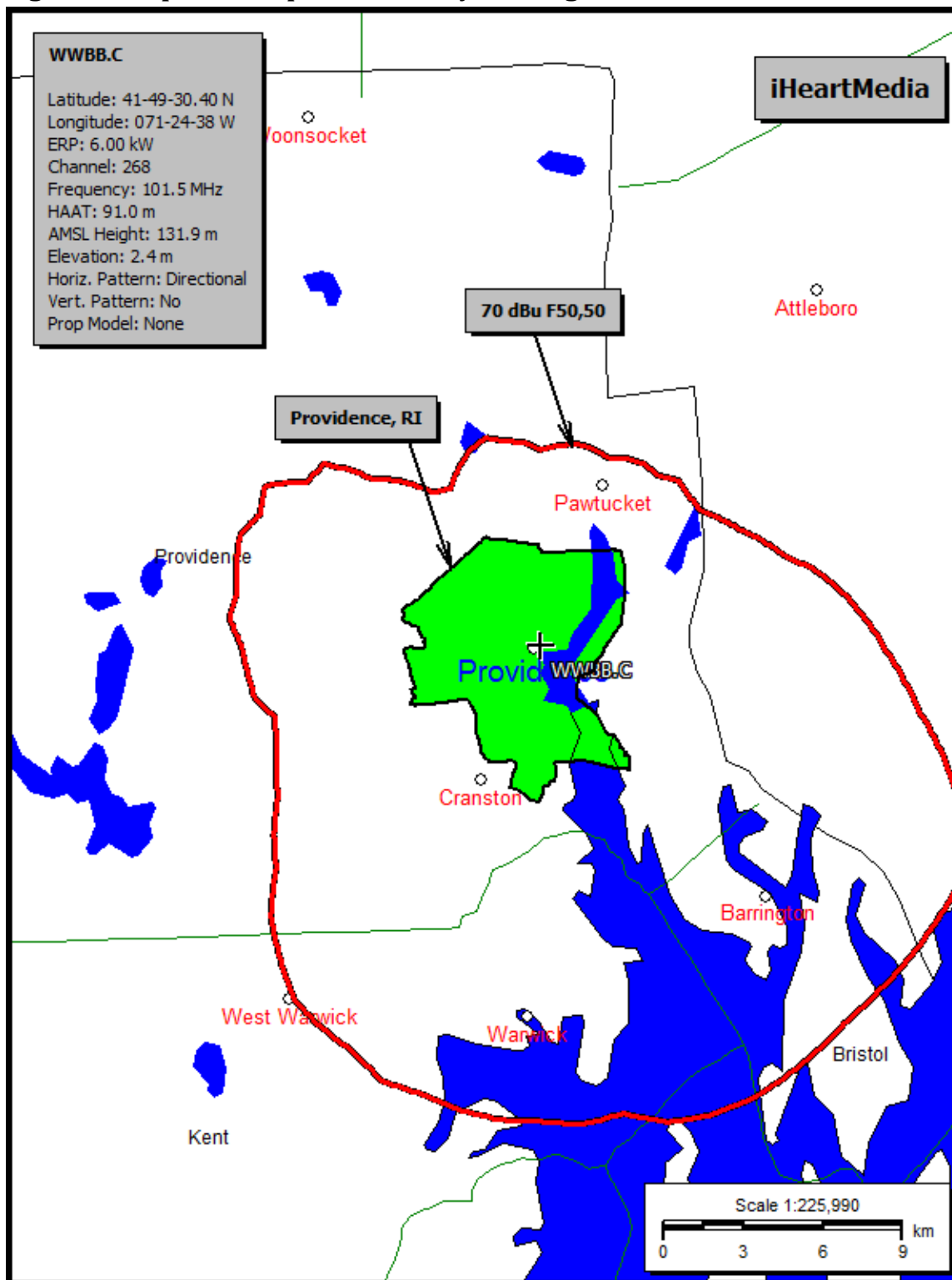


Figure 4. Map of Predicted WBWL and WWBB Protected and Interfering Contours

WWBB and WBWL Protected and Interfering 30 Meter 11-12-201
Clear Channel Broadcasting Licenses, Inc.

FMCommander Single Allocation Study - 11-12-2014 - NED 30 Meter
WWBB.PrP's Overlaps (In= 17.64 km, Out= 16.51 km)

WWBB.PrP CH 268 A 73.215 Z
Lat= 41 49 30.4, Lng= 71 24 38.0
6.0 kW 90.5 M HAAT, 131.9 M COR
Prot.= 60 dBu, Intef.= 51 dBu

WBWL CH 269 B1 73.215 N BLH20060307AAE
Lat= 42 25 51.7, Lng= 71 05 18.8
13.5 kW 138.7 M HAAT, 164 M COR
Prot.= 57 dBu, Intef.= 54 dBu

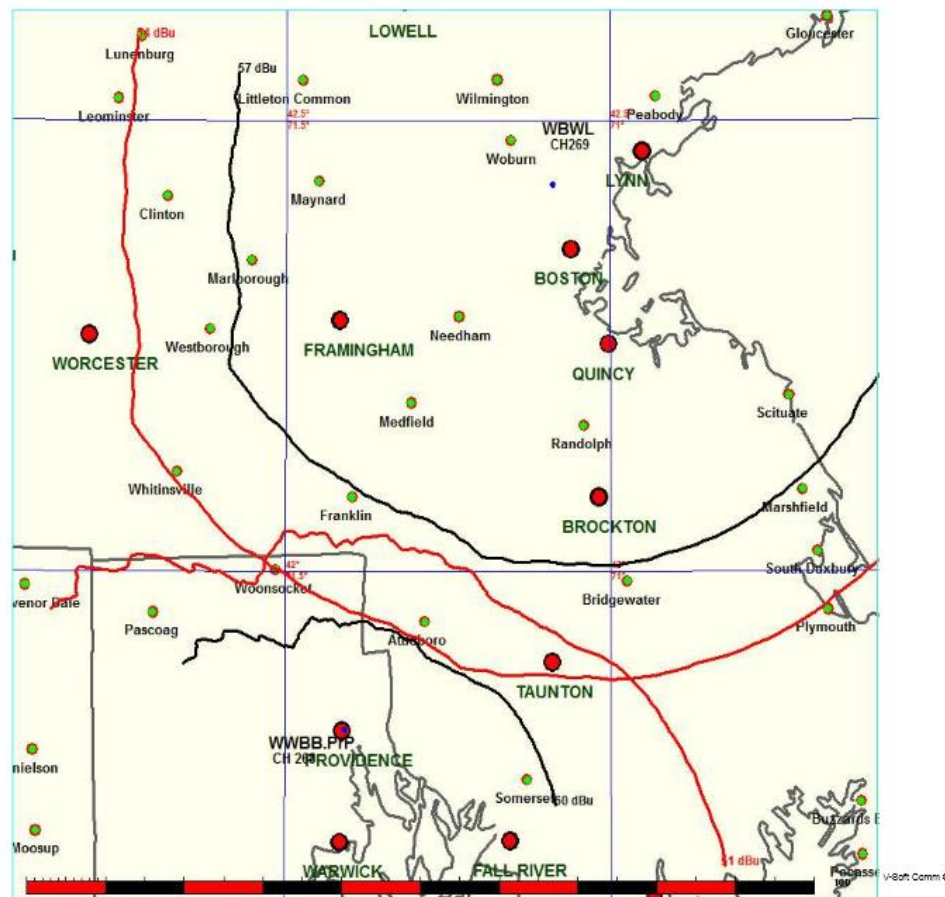


Figure 5. FM_Over Report of WWBB and WBWL

Terrain Data: NED 30 Meter

FMOver Analysis

WWBB.PrP

WBWL BLH20060307AAE

Channel = 268A
Max ERP = 6 kW
RCAMSL = 131.9 M
N. Lat. 41 49 30.4
W. Lng. 71 24 38.0
Protected
60 dBu

Channel = 269B1
Max ERP = 13.5 kW
RCAMSL = 164 M
N. Lat. 42 25 51.7
W. Lng. 71 05 18.8
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
336.0	000.9295	0054.7	013.3	210.2	013.5000	0138.3	063.8	52.3	
337.0	000.8880	0056.4	013.4	210.1	013.5000	0138.3	063.5	52.4	
338.0	000.8474	0058.6	013.5	210.0	013.5000	0138.3	063.3	52.4	
339.0	000.8077	0062.7	013.7	210.1	013.5000	0138.3	063.0	52.6	
340.0	000.7690	0066.1	013.9	210.0	013.5000	0138.3	062.7	52.7	
341.0	000.7388	0067.3	013.8	209.9	013.5000	0138.2	062.5	52.7	
342.0	000.7092	0072.3	014.2	209.9	013.5000	0138.2	062.1	52.9	
343.0	000.6802	0076.4	014.4	209.9	013.5000	0138.2	061.8	53.0	
344.0	000.6518	0077.5	014.3	209.7	013.5000	0138.0	061.6	53.0	
345.0	000.6240	0077.7	014.2	209.5	013.5000	0137.6	061.5	53.0	
346.0	000.5969	0077.7	014.1	209.2	013.5000	0137.2	061.5	53.0	
347.0	000.5703	0075.2	013.7	208.8	013.5000	0136.9	061.6	53.0	
348.0	000.5443	0077.4	013.7	208.7	013.5000	0136.8	061.4	53.0	
349.0	000.5190	0079.1	013.7	208.5	013.5000	0136.7	061.3	53.1	
350.0	000.4942	0082.1	013.8	208.4	013.5000	0136.7	061.1	53.1	
351.0	000.4748	0083.3	013.7	208.2	013.5000	0136.5	060.9	53.2	
352.0	000.4557	0083.7	013.6	207.9	013.5000	0136.2	060.9	53.2	
353.0	000.4371	0085.8	013.7	207.8	013.5000	0136.3	060.7	53.2	
354.0	000.4188	0087.0	013.6	207.6	013.5000	0136.5	060.6	53.3	
355.0	000.4009	0087.9	013.5	207.3	013.5000	0136.9	060.6	53.3	
356.0	000.3834	0085.3	013.2	207.0	013.5000	0137.1	060.7	53.3	
357.0	000.3664	0081.9	012.8	206.6	013.5000	0137.3	061.0	53.2	
358.0	000.3496	0082.2	012.7	206.4	013.5000	0137.4	061.0	53.2	
359.0	000.3333	0087.0	012.9	206.3	013.5000	0137.4	060.7	53.3	
000.0	000.3174	0090.6	013.0	206.1	013.5000	0137.4	060.5	53.4	
001.0	000.3174	0091.7	013.1	205.9	013.5000	0137.5	060.3	53.4	
002.0	000.3174	0089.8	012.9	205.7	013.5000	0137.3	060.3	53.4	
003.0	000.3174	0089.3	012.9	205.5	013.5000	0136.8	060.3	53.4	
004.0	000.3174	0093.0	013.2	205.4	013.5000	0136.6	060.0	53.5	
005.0	000.3174	0094.2	013.2	205.2	013.5000	0136.2	059.8	53.6	
006.0	000.3174	0095.2	013.3	205.0	013.5000	0135.6	059.7	53.6	
007.0	000.3174	0095.6	013.3	204.8	013.5000	0135.1	059.6	53.6	
008.0	000.3174	0096.4	013.4	204.6	013.5000	0134.9	059.4	53.6	
009.0	000.3174	0097.7	013.5	204.4	013.5000	0134.9	059.3	53.7	
010.0	000.3174	0098.5	013.5	204.2	013.5000	0134.7	059.2	53.7	
011.0	000.3174	0099.7	013.6	204.0	013.5000	0134.8	059.0	53.8	
012.0	000.3174	0100.5	013.7	203.8	013.5000	0135.0	058.9	53.8	
013.0	000.3174	0101.0	013.7	203.6	013.5000	0135.2	058.9	53.9	
014.0	000.3174	0098.3	013.5	203.3	013.5000	0135.3	059.0	53.8	
015.0	000.3174	0097.2	013.4	203.1	013.5000	0135.1	059.0	53.8	
016.0	000.3174	0096.7	013.4	202.8	013.5000	0134.8	059.0	53.8	
017.0	000.3174	0094.5	013.3	202.6	013.5000	0134.3	059.2	53.7	
018.0	000.3174	0092.5	013.1	202.4	013.5000	0133.9	059.3	53.6	
019.0	000.3174	0092.2	013.1	202.1	013.5000	0133.6	059.3	53.6	

Figure 5 - Continued. FM_Over Report of WWBB and WBWL

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
020.0	000.3174	0093.4	013.2	201.9	013.5000	0133.4	059.2	53.6	
021.0	000.3174	0096.0	013.4	201.7	013.5000	0133.2	059.0	53.7	
022.0	000.3174	0096.9	013.4	201.5	013.5000	0133.0	059.0	53.7	
023.0	000.3174	0096.7	013.4	201.3	013.5000	0133.0	059.0	53.7	
024.0	000.3174	0097.0	013.4	201.0	013.5000	0133.1	059.0	53.7	
025.0	000.3174	0098.9	013.6	200.8	013.5000	0133.1	058.9	53.7	
026.0	000.3174	0100.0	013.6	200.6	013.5000	0133.3	058.8	53.8	
027.0	000.3174	0100.1	013.7	200.3	013.5000	0133.6	058.8	53.8	
028.0	000.3174	0100.6	013.7	200.1	013.5000	0133.9	058.8	53.8	
029.0	000.3174	0102.1	013.8	199.8	013.5000	0134.2	058.7	53.8	
030.0	000.3174	0101.8	013.8	199.6	013.5000	0134.8	058.8	53.8	
031.0	000.3174	0101.2	013.7	199.4	013.5000	0135.3	058.9	53.8	
032.0	000.3174	0099.4	013.6	199.2	013.5000	0135.8	059.1	53.8	
033.0	000.3174	0098.8	013.6	199.0	013.5000	0136.2	059.2	53.8	
034.0	000.3174	0099.2	013.6	198.8	013.5000	0136.6	059.2	53.8	
035.0	000.3174	0100.0	013.6	198.5	013.5000	0136.9	059.2	53.8	
036.0	000.3174	0101.6	013.8	198.3	013.5000	0136.8	059.2	53.8	
037.0	000.3174	0103.3	013.9	198.0	013.5000	0136.9	059.1	53.8	
038.0	000.3174	0105.8	014.0	197.7	013.5000	0137.2	059.1	53.9	
039.0	000.3174	0106.8	014.1	197.5	013.5000	0136.8	059.1	53.9	
040.0	000.3174	0107.6	014.2	197.2	013.5000	0136.7	059.1	53.8	
041.0	000.3174	0107.1	014.1	197.0	013.5000	0136.4	059.3	53.8	
042.0	000.3174	0106.0	014.1	196.8	013.5000	0136.5	059.4	53.7	
043.0	000.3174	0105.5	014.0	196.7	013.5000	0136.8	059.6	53.7	
044.0	000.3174	0104.4	013.9	196.5	013.5000	0137.0	059.7	53.6	
045.0	000.3174	0103.4	013.9	196.3	013.5000	0137.5	059.9	53.6	
046.0	000.3174	0103.4	013.9	196.1	013.5000	0138.0	060.0	53.6	
047.0	000.3174	0102.3	013.8	195.9	013.5000	0138.4	060.2	53.5	
048.0	000.3174	0101.7	013.8	195.8	013.5000	0139.2	060.4	53.5	
049.0	000.3174	0102.4	013.8	195.6	013.5000	0139.9	060.5	53.5	
050.0	000.3174	0102.7	013.8	195.4	013.5000	0140.2	060.6	53.5	
051.0	000.3333	0102.4	014.0	195.1	013.5000	0140.8	060.6	53.5	
052.0	000.3496	0100.7	014.0	194.9	013.5000	0141.0	060.7	53.5	
053.0	000.3664	0099.9	014.1	194.6	013.5000	0141.4	060.8	53.5	
054.0	000.3834	0100.5	014.3	194.3	013.5000	0141.9	060.8	53.5	
055.0	000.4009	0100.6	014.5	194.0	013.5000	0142.7	060.8	53.6	
056.0	000.4188	0100.5	014.7	193.8	013.5000	0143.3	060.9	53.6	
057.0	000.4371	0100.6	014.9	193.5	013.5000	0143.7	060.9	53.6	
058.0	000.4557	0100.2	015.0	193.2	013.5000	0144.5	061.0	53.6	
059.0	000.4748	0099.7	015.1	192.9	013.5000	0145.5	061.1	53.6	
060.0	000.4942	0099.6	015.3	192.7	013.5000	0146.5	061.2	53.6	
061.0	000.5190	0099.5	015.5	192.4	013.5000	0147.7	061.2	53.7	
062.0	000.5443	0099.2	015.6	192.1	013.5000	0148.7	061.3	53.7	
063.0	000.5703	0099.2	015.9	191.8	013.5000	0150.1	061.4	53.7	
064.0	000.5969	0100.0	016.1	191.4	013.5000	0151.2	061.5	53.8	
065.0	000.6240	0100.5	016.4	191.0	013.5000	0152.1	061.5	53.8	

Figure 5 - Continued. FM_Over Report of WWBB and WBWL

Terrain Data: NED 30 Meter

FMOver Analysis

WBWL BLH20060307AAE

WWBB.PrP

Channel = 269B1
Max ERP = 13.5 kW
RCAMSL = 164 M
N. Lat. 42 25 51.7
W. Lng. 71 05 18.8
Protected
57 dBu

Channel = 268A
Max ERP = 6 kW
RCAMSL = 131.9 M
N. Lat. 41 49 30.4
W. Lng. 71 24 38.0
Interfering
51 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
157.0	013.5000	0161.1	048.1	062.9	000.5671	0099.3	051.1	40.9	
158.0	013.5000	0161.1	048.1	062.8	000.5654	0099.2	050.2	41.2	
159.0	013.5000	0160.6	048.0	062.7	000.5612	0099.2	049.4	41.5	
160.0	013.5000	0160.1	047.9	062.5	000.5561	0099.1	048.6	41.7	
161.0	013.5000	0159.8	047.9	062.3	000.5515	0099.1	047.8	42.0	
162.0	013.5000	0159.1	047.8	062.0	000.5448	0099.2	046.9	42.3	
163.0	013.5000	0158.7	047.8	061.8	000.5383	0099.4	046.1	42.5	
164.0	013.5000	0159.5	047.9	061.7	000.5363	0099.5	045.3	42.9	
165.0	013.5000	0159.9	047.9	061.5	000.5317	0099.5	044.5	43.1	
166.0	013.5000	0159.8	047.9	061.2	000.5248	0099.6	043.7	43.4	
167.0	013.5000	0159.1	047.8	060.8	000.5146	0099.4	042.9	43.6	
168.0	013.5000	0159.2	047.8	060.5	000.5070	0099.5	042.1	43.9	
169.0	013.5000	0158.7	047.8	060.1	000.4965	0099.6	041.3	44.1	
170.0	013.5000	0158.8	047.8	059.7	000.4886	0099.7	040.5	44.4	
171.0	013.5000	0158.1	047.7	059.2	000.4780	0099.8	039.7	44.6	
172.0	013.5000	0157.2	047.6	058.6	000.4662	0099.8	039.0	44.8	
173.0	013.5000	0156.8	047.5	058.0	000.4553	0100.2	038.3	45.1	
174.0	013.5000	0155.5	047.4	057.2	000.4409	0100.5	037.6	45.3	
175.0	013.5000	0153.4	047.1	056.3	000.4235	0100.7	037.0	45.4	
176.0	013.5000	0152.5	047.0	055.5	000.4093	0100.5	036.3	45.5	
177.0	013.5000	0152.8	047.0	054.8	000.3981	0100.5	035.6	45.7	
178.0	013.5000	0152.3	047.0	054.0	000.3840	0100.5	034.9	45.9	
179.0	013.5000	0151.2	046.8	053.1	000.3674	0099.9	034.4	45.9	
180.0	013.5000	0150.2	046.7	052.1	000.3506	0100.6	033.8	46.0	
181.0	013.5000	0149.9	046.6	051.1	000.3354	0102.2	033.2	46.3	
182.0	013.5000	0149.7	046.6	050.2	000.3200	0102.8	032.6	46.4	
183.0	013.5000	0149.7	046.6	049.2	000.3174	0102.4	032.0	46.6	
184.0	013.5000	0151.5	046.8	048.5	000.3174	0102.1	031.2	47.0	
185.0	013.5000	0151.9	046.9	047.4	000.3174	0101.7	030.6	47.3	
186.0	013.5000	0152.9	047.0	046.4	000.3174	0103.0	030.0	47.7	
187.0	013.5000	0151.5	046.9	045.0	000.3174	0103.4	029.6	48.0	
188.0	013.5000	0150.0	046.6	043.5	000.3174	0105.0	029.2	48.3	
189.0	013.5000	0150.9	046.8	042.3	000.3174	0106.0	028.7	48.8	
190.0	013.5000	0151.7	046.9	041.0	000.3174	0107.1	028.1	49.2	
191.0	013.5000	0152.1	046.9	039.6	000.3174	0107.4	027.7	49.5	
192.0	013.5000	0149.0	046.5	037.7	000.3174	0105.1	027.7	49.3	
193.0	013.5000	0145.3	046.0	035.8	000.3174	0101.4	027.8	48.9	
194.0	013.5000	0142.7	045.7	034.0	000.3174	0099.2	027.8	48.7	
195.0	013.5000	0140.9	045.4	032.3	000.3174	0099.1	027.8	48.7	
196.0	013.5000	0138.3	045.1	030.5	000.3174	0101.6	027.9	48.8	
197.0	013.5000	0136.4	044.8	028.8	000.3174	0102.1	028.0	48.8	
198.0	013.5000	0137.0	044.9	027.3	000.3174	0100.4	027.7	48.8	
199.0	013.5000	0136.2	044.8	025.6	000.3174	0099.8	027.7	48.8	
200.0	013.5000	0134.0	044.5	024.0	000.3174	0097.0	027.9	48.4	

Figure 5 - Continued. FM_Over Report of WWBB and WBWL

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
201.0	013.5000	0133.1	044.4	022.4	000.3174	0096.9	028.0	48.3	
202.0	013.5000	0133.4	044.4	020.8	000.3174	0095.6	028.0	48.2	
203.0	013.5000	0135.0	044.6	019.2	000.3174	0092.2	027.8	48.0	
204.0	013.5000	0134.8	044.6	017.6	000.3174	0093.0	027.9	48.0	
205.0	013.5000	0135.5	044.7	016.0	000.3174	0096.8	027.9	48.4	
206.0	013.5000	0137.5	045.0	014.3	000.3174	0097.6	027.8	48.5	
207.0	013.5000	0137.0	044.9	012.8	000.3174	0101.2	028.0	48.7	
208.0	013.5000	0136.3	044.8	011.3	000.3174	0099.7	028.3	48.4	
209.0	013.5000	0137.0	044.9	009.7	000.3174	0098.1	028.4	48.2	
210.0	013.5000	0138.2	045.1	008.1	000.3174	0096.7	028.6	48.0	
211.0	013.5000	0138.4	045.1	006.7	000.3174	0095.8	028.9	47.7	
212.0	013.5000	0139.1	045.2	005.2	000.3174	0094.3	029.1	47.4	
213.0	013.5000	0138.4	045.1	003.9	000.3174	0092.7	029.6	47.0	
214.0	013.5000	0138.6	045.1	002.6	000.3174	0088.9	029.9	46.4	
215.0	013.5000	0137.7	045.0	001.4	000.3174	0091.1	030.4	46.3	
216.0	013.5000	0138.6	045.1	000.1	000.3174	0090.9	030.8	46.1	
217.0	013.5000	0140.0	045.3	358.7	000.3381	0085.2	031.1	45.6	
218.0	013.5000	0139.5	045.2	357.7	000.3552	0081.5	031.7	45.2	
219.0	013.5000	0140.3	045.3	356.5	000.3753	0083.6	032.1	45.4	
220.0	013.5000	0141.5	045.5	355.3	000.3965	0087.2	032.5	45.9	
221.0	013.5000	0143.5	045.8	353.9	000.4199	0086.9	032.9	45.9	
222.0	013.5000	0144.6	045.9	352.8	000.4406	0085.2	033.4	45.7	
223.0	013.5000	0144.8	046.0	351.9	000.4576	0083.6	034.0	45.4	
224.0	013.5000	0145.0	046.0	351.0	000.4739	0083.3	034.6	45.3	
225.0	013.5000	0144.5	045.9	350.3	000.4874	0082.5	035.3	45.0	
226.0	013.5000	0144.7	045.9	349.6	000.5043	0080.5	035.9	44.7	
227.0	013.5000	0143.6	045.8	349.1	000.5167	0079.1	036.7	44.3	
228.0	013.5000	0143.3	045.8	348.5	000.5315	0079.2	037.4	44.1	
229.0	013.5000	0143.0	045.7	348.0	000.5455	0077.2	038.1	43.7	
230.0	013.5000	0143.9	045.8	347.2	000.5642	0075.7	038.8	43.5	
231.0	013.5000	0145.8	046.1	346.4	000.5871	0076.9	039.4	43.5	
232.0	013.5000	0146.4	046.2	345.8	000.6031	0077.7	040.1	43.4	
233.0	013.5000	0146.6	046.2	345.3	000.6163	0078.1	040.8	43.3	
234.0	013.5000	0147.2	046.3	344.8	000.6307	0077.0	041.5	43.0	
235.0	013.5000	0147.6	046.3	344.3	000.6432	0077.1	042.2	42.8	
236.0	013.5000	0147.7	046.3	343.9	000.6532	0077.5	043.0	42.6	
237.0	013.5000	0147.5	046.3	343.7	000.6613	0077.4	043.8	42.3	
238.0	013.5000	0148.8	046.5	343.1	000.6760	0076.8	044.5	42.1	
239.0	013.5000	0149.7	046.6	342.7	000.6875	0075.8	045.3	41.8	
240.0	013.5000	0150.4	046.7	342.4	000.6979	0074.3	046.0	41.4	
241.0	013.5000	0151.3	046.8	342.0	000.7079	0072.6	046.8	41.1	
242.0	013.5000	0148.5	046.5	342.3	000.7005	0073.9	047.7	40.8	
243.0	013.5000	0143.5	045.8	342.9	000.6829	0076.2	048.6	40.6	
244.0	013.5000	0139.6	045.2	343.4	000.6698	0077.1	049.5	40.4	
245.0	013.5000	0136.9	044.9	343.6	000.6622	0077.4	050.3	40.0	
246.0	013.5000	0134.2	044.5	343.9	000.6544	0077.6	051.1	39.7	

Figure 6. Allocation/Assignment Location Spacing Study

WWBB A Alloc at Providence Spacing Study

REFERENCE

41 41 42.0 N.

CLASS = A Int = A

71 31 26.0 W.

Current Spacings to 3rd Adj.

----- Channel 268 - 101.5 MHz -----

Call	Channel		Location		Azi	Dist	FCC	Margin
WWBB	LIC-D	268B	Providence	RI	44.0	27.14	177.5	-150.4
WWBB	Lic-Z	268A	Providence	RI	33.0	17.25	114.5	-97.3
WBWL	PrP-N	269B1	Lynn	MA	23.6	89.34	95.5	-6.2
Contingent Filed Antenna Location								
WBWL	Alo	269B1	Lynn	MA	28.9	98.28	95.5	2.8
Contingent Filed Allocation Location								
WKCI-FM	LIC-N	267B	Hamden	CT	256.7	122.11	112.5	9.6
WJHD	LIC	214A	Portsmouth	RI	116.3	23.38	9.5	13.9
Horizontally Polarized only								
WKNL	LIC-Z	265A	New London	CT	241.4	58.73	30.5	28.2
WPDH	LIC	268B	Poughkeepsie	NY	271.6	205.80	177.5	28.3
WCIB	PrP-Z	270B1	Falmouth	MA	100.8	78.78	47.5	31.3
Contingent Filed Antenna Location								
WCIB	Alo-N	270B1	Falmouth	MA	109.8	80.79	47.5	33.3
Contingent Filed Allocation Location								
WAQY	LIC	271B	Springfield	MA	294.2	107.05	68.5	38.6
WRSY	LIC-N	268A	Marlboro	VT	323.6	159.90	114.5	45.4
WCNI	LIC	215A	New London	CT	234.5	59.89	9.5	50.4
WBEA	LIC	269A	Southold	NY	224.1	127.23	71.5	55.7
WBUR-FM	LIC-D	215B	Boston	MA	19.9	72.42	14.5	57.9
WHYA	LIC-N	266A	Mashpee	MA	90.0	97.98	30.5	67.5
NEW	CP -D	215A	Wethersfield	CT	277.1	78.91	9.5	69.4
WEGB	LIC-D	214A	Napeague	NY	207.2	82.72	9.5	73.2
WGIR-FM	LIC	266B	Manchester	NH	357.9	143.02	68.5	74.5

All separation margins include rounding

Figure 7. Allocation Location Contour Map of Principal Community

