

**Proposed Auxiliary Facility for WFME (FM)**

This application proposes an auxiliary facility for WFME (FM). It is to be located approximately 14 meters from the WFME primary facility tower, thus the geographical coordinates used for the auxiliary facility are the same as for WFME. Pages 4 and 5 of this exhibit includes a tower diagram and map showing the location of the WFME tower and the proposed auxiliary facility tower.

Below is the technical information for WFME and the auxiliary facility. As demonstrated on page 3 of this exhibit, the auxiliary facility 60 dBu does not exceed the 60 dBu of WFME.

	WFME (FM) LICENSED	PROPOSED AUXILIARY
CHANNEL	234	234
CLASS	B	B1
ERP	37.2 kW	5.29 kW
HAAT	174 m	144 m
COORDINATES	40 47 18 / 74 15 19	40 47 18 / 74 15 19
ASRN	1045804	N/A
SITE AMSL	189.0 m	189.0 m
Tower AGL	62.0 m	24.0 m
Tower AMSL	251.0 m	213.0 m
COR AGL	55.0 m	20.0 m
COR AMSL	244.0 m	209.0 m

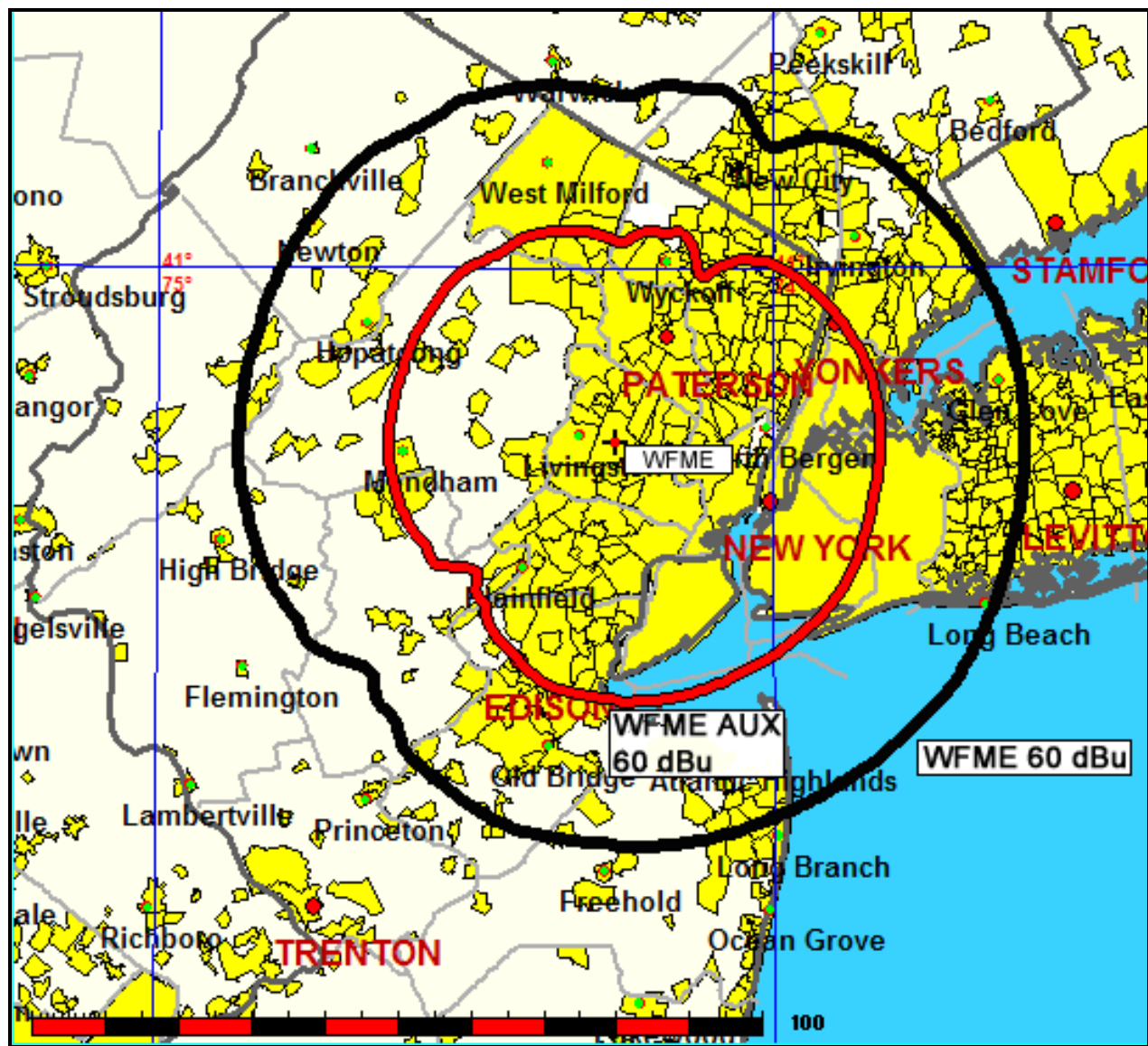
**Tabulation of HAAT / Distances to 1 mV/m Contour**

5.29 kW ERP      144 M HAAT      209 M COR AMSL      40 47 18 / 74 15 19

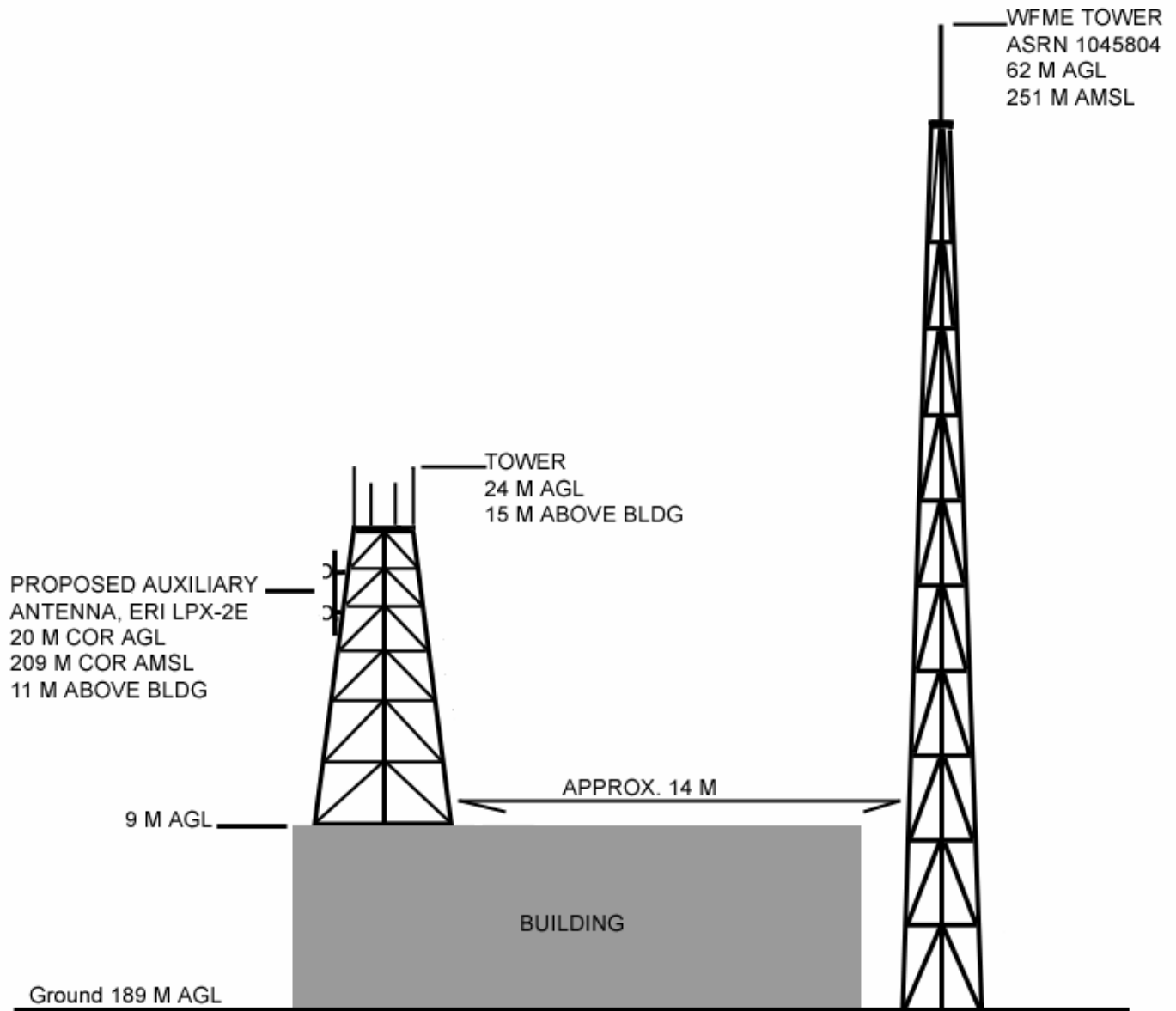
Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	108.9	100.1	5.2900	7.23	1.000	27.51
010	95.5	113.5	5.2900	7.23	1.000	29.15
020	93.4	115.6	5.2900	7.23	1.000	29.38
030	112.7	96.3	5.2900	7.23	1.000	27.02
040	68.7	140.3	5.2900	7.23	1.000	31.97
045	59.5	149.5	5.2900	7.23	1.000	33.01
050	53.3	155.7	5.2900	7.23	1.000	33.70
060	42.9	166.1	5.2900	7.23	1.000	34.82
070	34.1	174.9	5.2900	7.23	1.000	35.69
080	27.7	181.3	5.2900	7.23	1.000	36.27
090	27.2	181.8	5.2900	7.23	1.000	36.32
100	28.2	180.8	5.2900	7.23	1.000	36.23
110	25.4	183.6	5.2900	7.23	1.000	36.47
120	19.9	189.1	5.2900	7.23	1.000	36.93
130	20.4	188.6	5.2900	7.23	1.000	36.88
135	23.1	185.9	5.2900	7.23	1.000	36.66
140	25.1	183.9	5.2900	7.23	1.000	36.49
150	29.1	179.9	5.2900	7.23	1.000	36.15
160	30.5	178.5	5.2900	7.23	1.000	36.02
170	30.9	178.1	5.2900	7.23	1.000	35.99
180	36.5	172.5	5.2900	7.23	1.000	35.46
190	41.2	167.8	5.2900	7.23	1.000	35.00
200	51.8	157.2	5.2900	7.23	1.000	33.86
210	72.7	136.3	5.2900	7.23	1.000	31.54
220	102.4	106.6	5.2900	7.23	1.000	28.33
225	115.3	93.7	5.2900	7.23	1.000	26.68
230	111.9	97.1	5.2900	7.23	1.000	27.13
240	90.4	118.6	5.2900	7.23	1.000	29.70
250	81.2	127.8	5.2900	7.23	1.000	30.63
260	78.3	130.7	5.2900	7.23	1.000	30.93
270	77.8	131.2	5.2900	7.23	1.000	30.99
280	78.1	130.9	5.2900	7.23	1.000	30.95
290	79.3	129.7	5.2900	7.23	1.000	30.83
300	76.9	132.1	5.2900	7.23	1.000	31.08
310	75.2	133.8	5.2900	7.23	1.000	31.26
315	74.4	134.6	5.2900	7.23	1.000	31.35
320	75.1	133.9	5.2900	7.23	1.000	31.27
330	85.2	123.8	5.2900	7.23	1.000	30.22
340	85.8	123.2	5.2900	7.23	1.000	30.17
350	95.2	113.8	5.2900	7.23	1.000	29.18

Average HAAT determined by above highlighted 8 radials.

WFME (FM) 60 dBu and Proposed Auxiliary Facility 60 dBu



**Tower Diagram**



**NOT TO SCALE**

**Tower Site Map**



### **Environmental Impact & RFR Compliance**

The proposed auxiliary facility for WFME will be located on an existing tower at an established communications site that is in compliance with all requirements of Section 1.1307 of the Commission's rules.

The proposed auxiliary antenna will be located on a tower 11 meters above the roof of the WFME studio/transmitter building. Based on the ERI antenna to be used by the auxiliary facility it was determined for a worst case estimation that the RFR at the roof level of the building is 36.8% of the MPE limit for general population/uncontrolled exposure.

The WFME main antenna and the WFME-TV CH 29 facility are located on a tower approximately 14 meters from the auxiliary tower and approximately 2 meters from the building. RFR measurements were taken at the site on December 5, 2005 taking into consideration RFR from all sources in the area including WFME and WFME-TV. It was determined from these measurements that the RFR in any area, including in and around the building, does not exceed 57.55% of the MPE limit for general population/uncontrolled exposure.

Combining the auxiliary RFR estimate of 36.8% with the 57.55% of the above-referenced measurements results in a total RFR worst case estimation of 94.35% of the MPE limit for general population/uncontrolled exposure. However, as WFME (FM) will not operate during operation of the auxiliary facility, the RFR generated from WFME is eliminated for purposes of this assessment. Based on the ERI 5-bay antenna utilized by WFME (FM), the portion of the total combined RFR contributed by WFME (FM) at the roof level of the building is estimated to be 17.6%, resulting in an adjusted total RFR worst case estimation of 76.75% of the MPE limit for general population/uncontrolled exposure at the roof level of the building.

Access to RFR occupational/controlled exposure areas, including the towers, is restricted to only authorized personnel and RFR hazard warning signs are posted at the site. The Applicant certifies that in cooperation with other users of the site all authorized personnel will be protected from RFR exposure in excess of FCC guidelines while accessing occupational/controlled exposure areas, including the towers, by either reducing power or ceasing operations, and information pertaining to the contact representative of the facility will be posted.