

WSGG Minor Change to Licensed Facility

Table 1

Channel Study with respect to 73.509 contour protection

Chan	Class	Call Letters	Type	Status	City	State	Country	Owner	Distance (km)	Bearing TO (deg)	Req. Dist. (km)	Clearance (km)
204	A	WRHV	FM	LIC	POUGHKEEPSIE	NY	US	WMHT EDUCATIONAL TELECOMMUNICA	65.0	238.4	25.8	39.3
204	A	WFNP	FM	LIC	ROSENDALE	NY	US	STATE UNIVERSITY OF NEW YORK	65.0	238.4	25.8	39.3
205	B1	WJMJ	FM	LIC	HARTFORD	CT	US	ST. THOMAS SEMINARY	41.3	137.6	27.1	14.2
206	B	WMHT-FM	FM	LIC	SCHENECTADY	NY	US	WMHT EDUCATIONAL TELECOMMUNICA	87.0	320.2	82.5	4.5
207	A	WSGG	FM	LIC	NORFOLK	CT	US	REVIVAL CHRISTIAN MINISTRIES, INC.	10.7	99.8	50.4	-39.7 (applicant)
207	A	WRTC-FM	FM	LIC	HARTFORD	CT	US	TRUSTEES OF TRINITY COLLEGE	61.2	119.9	32.0	29.2
207	A	WAMH	FM	LIC	AMHERST	MA	US	TRUSTEES OF AMHERST COLLEGE	83.7	63.1	69.2	14.5
207	B1	WLJP	FM	CP	MONROE	NY	US	SOUND OF LIFE, INC.	98.6	223.2	98.5	0.03
207	A	WLJP	FM	LIC	MONROE	NY	US	SOUND OF LIFE, INC.	98.6	223.2	75.7	22.9
208	A	WNNU	FM	LIC	GREAT BARRINGTON	MA	US	NEW ENGLAND PUBLIC RADIO FOUNDAT	27.3	331.7	24.8	2.4
208	A	WSKB	FM	LIC	WESTFIELD	MA	US	TRUSTEES OF WESTFIELD STATE COLLE	45.6	74.9	15.8	29.8
208	B	WPKN	FM	LIC	BRIDGEPORT	CT	US	WPKN, INC.	84.0	171.8	56.4	27.6
209	A	WTBR-FM	FM	LIC	PITTSFIELD	MA	US	PITTSFIELD PUBLIC SCHOOL COMMITTEE	48.3	5.3	8.8	39.4
209	B	WFGB	FM	LIC	KINGSTON	NY	US	SOUND OF LIFE, INC.	64.6	275.2	41.4	23.2
210	A	WAPJ	FM	LIC	TORRINGTON	CT	US	TORRINGTON COMMUNITY RADIO FOUNI	28.4	151.3	5.5	22.9

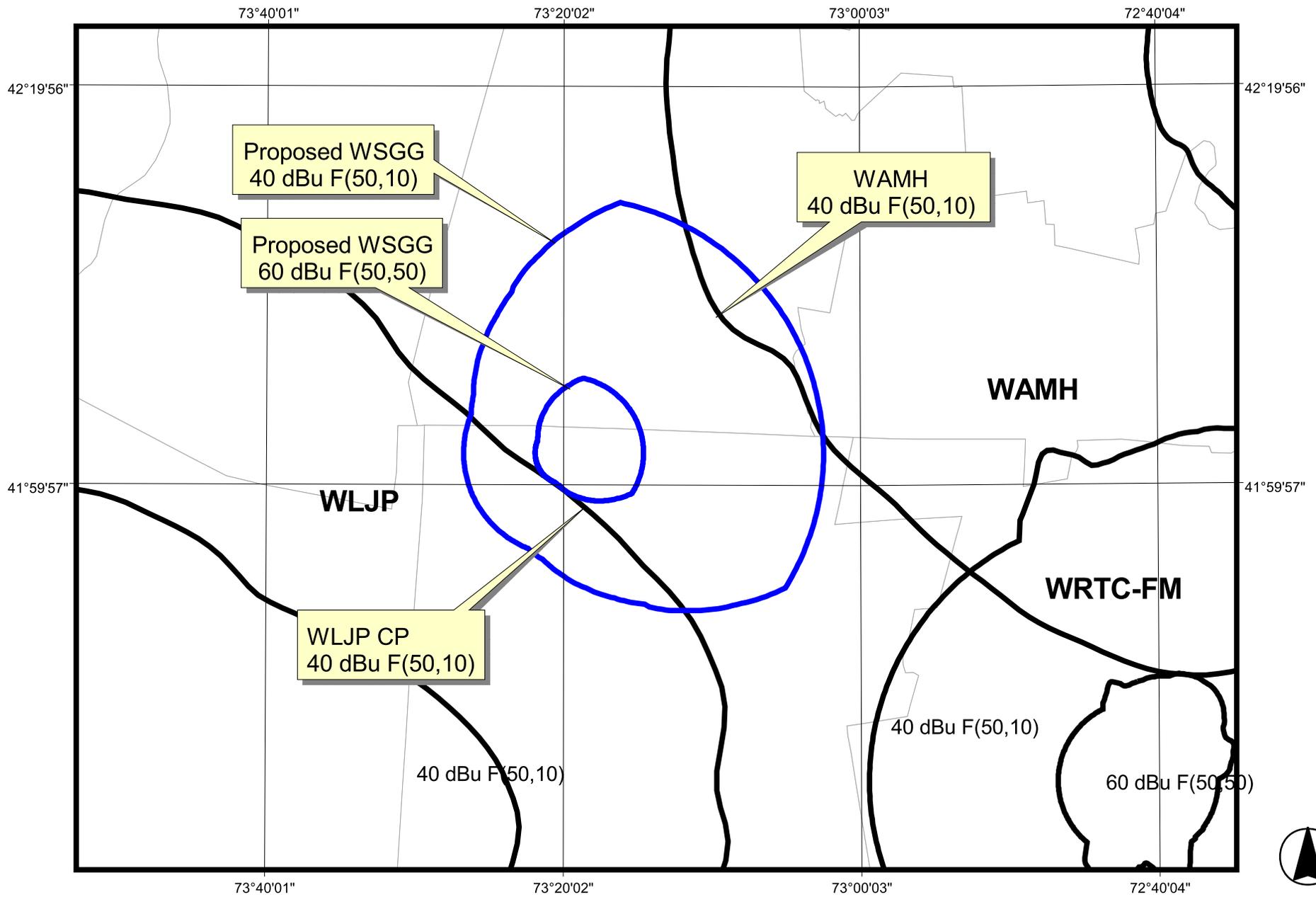
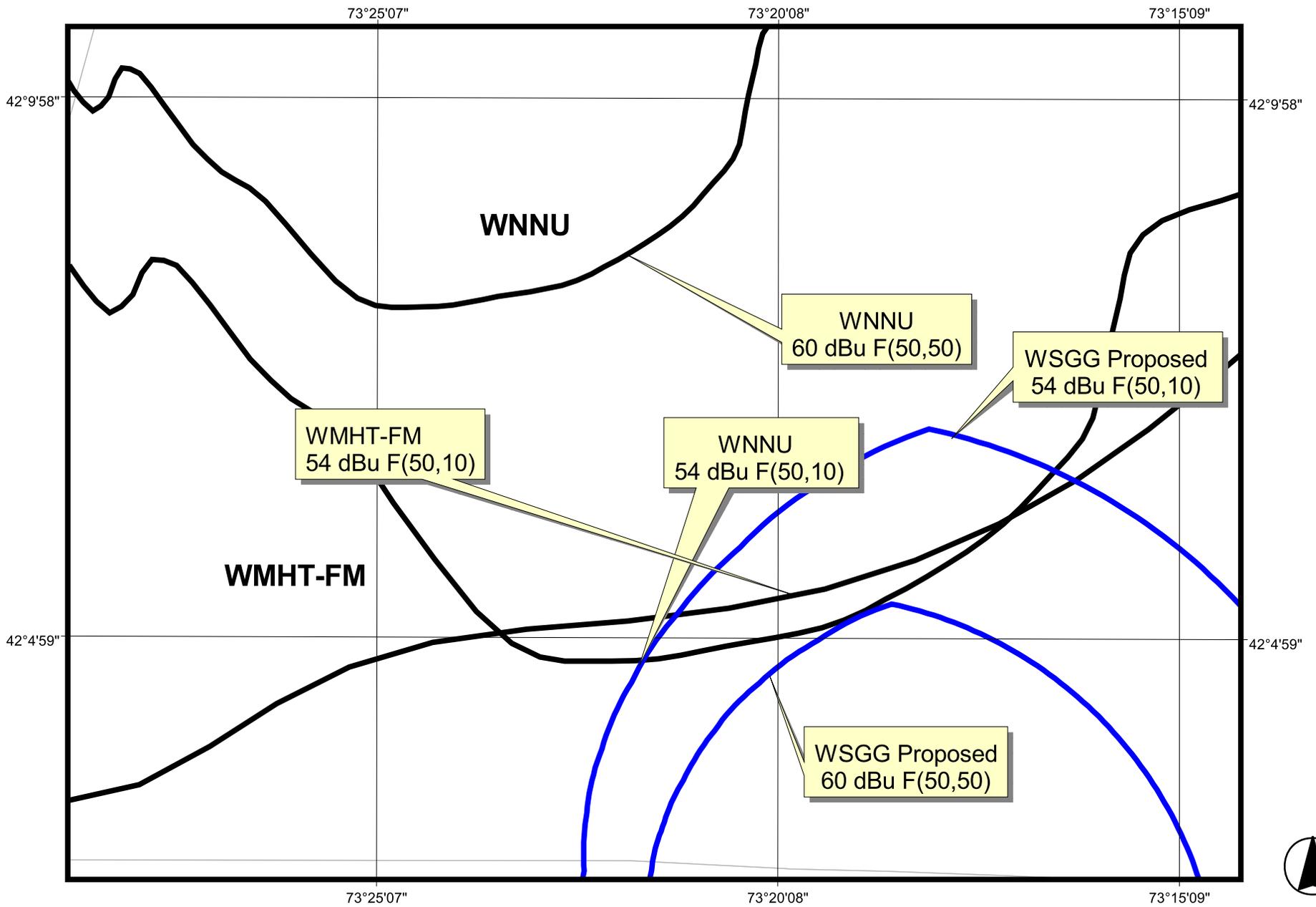


Figure 1

WSGG - Norfolk, CT: MINOR CHANGE TO LICENSED FACILITY
Co-channel study



0 8 Kilometers

Figure 2

WSGG - Norfolk, CT: MINOR CHANGE TO LICENSED FACILITY
1st adjacent channel study

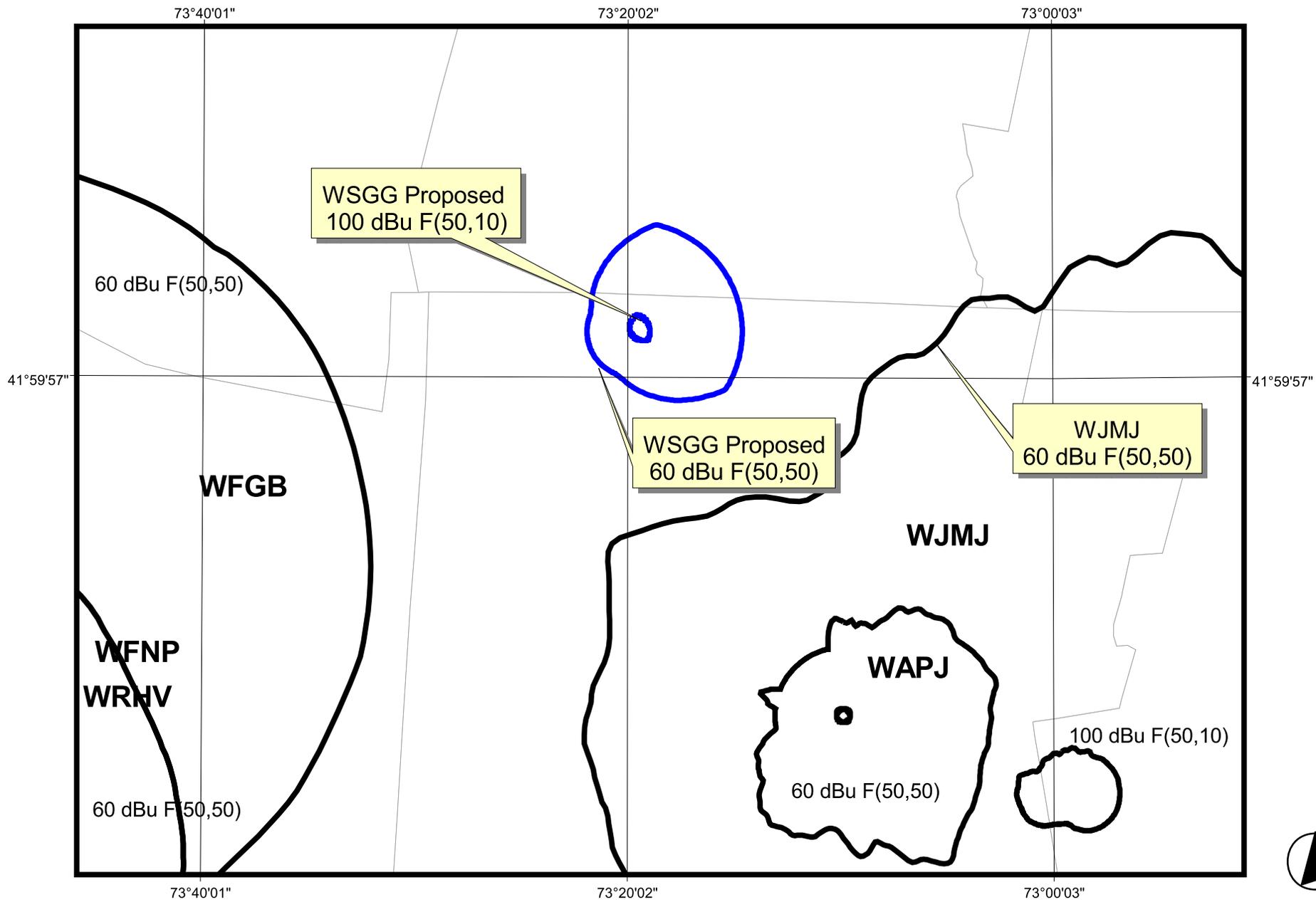
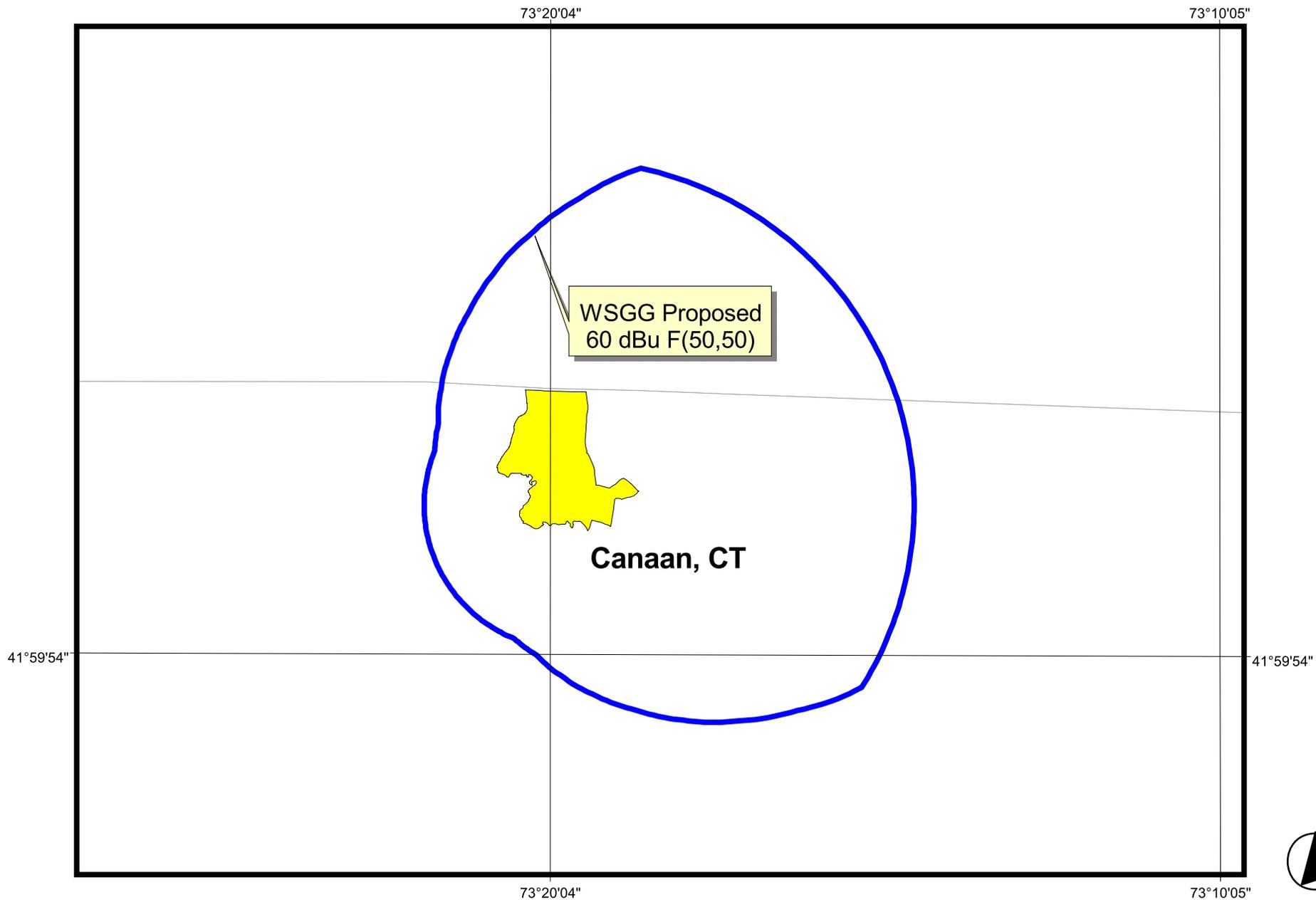


Figure 3

WSGG - Norfolk, CT: MINOR CHANGE TO LICENSED FACILITY
2nd and 3rd adjacent channel study



WSGG - Norfolk, CT: MINOR CHANGE TO LICENSED FACILITY
Community Coverage: Canaan, CT

Table 2

Radiofrequency Electromagnetic Exposure Analysis for WSGG

Source	Height AGL(m)	Antenna type	Bays	Horizontal ERP (kw)	Vertical ERP (kw)	Power Density $\mu\text{W}/\text{cm}^2$ at 2 meters AGL					
						at 10 meters distance	% controlled environment limit (1000 $\mu\text{W}/\text{cm}^2$)	Max. PD	% uncontrolled environment limit (200 $\mu\text{W}/\text{cm}^2$)	Distance to maximum PD (m)	
WSGG	14	Dipole (EPA)*	1	0.25	0.25	55.0	5.5%	69.9	35.0%	3.2	(proposed)
						55.0	5.5%	69.9	35.0%	3.2	

The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments).

Calculations made using FCC FM Model v2.10 Beta

*In the absence of specific antenna data, the Dipole (EPA) model is assumed (worst case).