

EXHIBIT 18 Engineering Statement/Contour Overlap Study

The minor change proposed for the facilities of WSLJ (facility ID #66429) serves to: 1) lower the height above ground of the transmit antenna, 2) increase the ERP to maintain coverage, and 3) correct the transmitter coordinates to reflect those of existing tower ASRN #1016072.

Below is a table showing the normally protected interference-free and interference contours (in kilometers) and the antenna center of radiation above average terrain for the proposed facilities for WSLJ, Watertown, NY.

Azimuth deg.	HAAT m.	(protected) f(50,50)	interference f(50,10)		
		60 dbu km.	40 dbu	54 dbu	100 dbu
0	216	19.8	61.1	29.4	1.2
45	163	17.2	54.8	25.7	1.2
90	54	10.0	46.2	33.3	1.2
135	-11	7.3	24.5	10.4	1.2
180	22	7.3	24.5	10.4	1.2
225	125	14.8	49.7	22.3	1.2
270	232	20.5	62.8	30.4	1.2
315	243	21.0	63.9	31.1	1.2

The following table contains information about the stations near WSLJ potentially requiring investigation to show non-overlap of protected/interfering contours.

Station	WNYO	WRVH
FM channel	205	207
Location	Oswego, NY	Clayton, NY
Latitude	43-27-07 N	44-15-03 N
Longitude	76-32-40 W	76-01-50.6 W
ERP	0.1 kW	7.9 kW (directional)
HAAT	3 m	26.3 m
File#	BLED-19920518KA	BLED-20120312ACX
Distance to protected contour	5.7 km	17.1km
Distance to proposal	79.7 km	36.1 km
For interference to investigated facilities:		
HAAT and bearing to WSLJ's interference contour	125 m 227°	229 m 335°
Distance to WSLJ's interference contour	50 km (40 dbu)	1.2 km (100 dbu)
Clearance between protected and interference contours	24 km	17.8 km
For reception of interference:		
Distance to WSLJ's protected contour:	14.8 km	20.4 km
Distance to interference contour:	19.0 km (40 dbu)	2 km (100 dbu)
Clearance between protected and interference contours:	45.9 km	13.7 km

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As there is no contour overlap, the minor change proposed for WSLJ would be in compliance with 47 CFR 73.509.

The interference and protected contour distances for WSLJ as well as those for the two stations investigated are plotted on the following map:

