

EXHIBIT 16 Contour overlap study

Below is a table showing the normally protected interference-free and interference contours (in kilometers), the antenna center of radiation above average terrain and ERP along all azimuths for the proposed new location of WSLZ, Cape Vincent, NY.

	Antenna	ERP	(protected)	interference f(50,10)		
Azimuth	HAAT m.	(kw)	60 dbu f(50,50)	40 dbu	54 dbu	100 dbu
0	97.6	0.10	10.2	35.5	14.3	0.7
10	95.6	0.10	10.1	34.1	14.1	0.7
20	97.3	0.16	11.4	38.9	16.5	0.9
30	93.2	0.26	12.5	42.9	18.5	1.1
40	95.6	0.40	14.1	48.7	21.2	1.4
50	89.0	0.63	15.3	52.6	22.9	1.5
60	78.7	1.00	16.2	55.9	24.1	1.5
70	76.9	1.55	18.1	61.2	26.6	1.7
80	74.6	2.0	19.0	64.3	27.9	1.8
90	75.1	2.0	19.1	64.4	28.0	1.8
100	79.7	2.0	19.7	65.5	28.8	1.9
110	82.9	2.0	20.1	66.3	29.5	1.9
120	88.4	2.0	20.7	67.5	30.5	1.9
130	89.7	2.0	20.9	68.2	31.2	1.9
140	88.8	2.0	20.8	67.6	30.8	1.9
150	91.6	2.0	21.1	68.2	31.2	1.9
160	93.9	2.0	21.4	68.6	31.6	2.0
170	97.3	2.0	21.8	69.3	32.3	2.0
180	98.2	2.0	21.9	69.5	32.5	2.0
190	97.4	2.0	21.8	69.3	32.3	2.0
200	99.0	2.0	22.0	69.6	32.6	2.0
210	99.0	2.0	22.0	69.6	32.6	2.0
220	99.0	2.0	22.0	69.6	32.6	2.0
230	99.0	2.0	22.0	69.6	32.6	2.0
240	99.0	2.0	22.0	69.6	32.6	2.0
250	99.0	2.0	22.0	69.6	32.6	2.0
260	99.0	2.0	22.0	69.6	32.6	2.0
270	99.0	2.0	22.0	69.6	32.6	2.0
280	98.0	2.0	21.8	69.5	32.4	2.0
290	93.6	2.0	21.3	68.6	31.6	2.0
300	91.1	1.31	19.0	62.0	27.9	1.7
310	89.6	0.83	16.6	55.6	24.7	1.5
320	90.1	0.53	14.7	50.8	22.1	1.5
330	91.0	0.33	13.0	45.4	19.6	1.3
340	94.0	0.21	12.0	44.1	17.6	1.0
350	97.6	0.13	10.9	37.0	15.5	0.8

EXHIBIT 16 (continued)

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

Station	WFRW	WAER
FM channel	201	202
Location	Webster, NY	Syracuse, NY
Latitude	43-04-18 N	43-02-1 N
Longitude	77-05-35 W	76-07-53 W
ERP	11 kW	50 kW
HAAT	103 m	84 m
File#	BLED-19880721KC	BLED-199502023KA
Distance to protected contour	29.2 km	53.0 km
Distance to proposal	131 km	121 km
For interference to investigated facilities:		
HAAT and bearing to proposal's interference contour	99 m 208°	97.5 m 172°
Distance to proposal's interference contour	69.6 km (40 dbu)	32.4 km (54 dbu)
Clearance between protected and interference contours	32.2 km	35.6 km
For reception of interference:		
Distance to proposal's protected contour:	22.0 km	21.8 km
Distance to interference contour:	87.5 km (40 dbu)	65.8 km (54 dbu)
Clearance between protected and interference contours:	21.5 km	33.4 km

As there is no contour overlap, the proposed facility would be in compliance with 47 CFR 73.509.

EXHIBIT 16 (continued)

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

