

## EXHIBIT 12 Engineering statement

The proposed minor changes requested by this application consist of reducing the ERP to 5.0 Watts, changing the output channel (54 channels) from 206 to 260, changing the input station from applicant-owned WSLJ to applicant-owned WXLD, and correcting the transmitter coordinates.

Below is a table which shows the distances to the appropriate contours along various azimuths for the proposal:

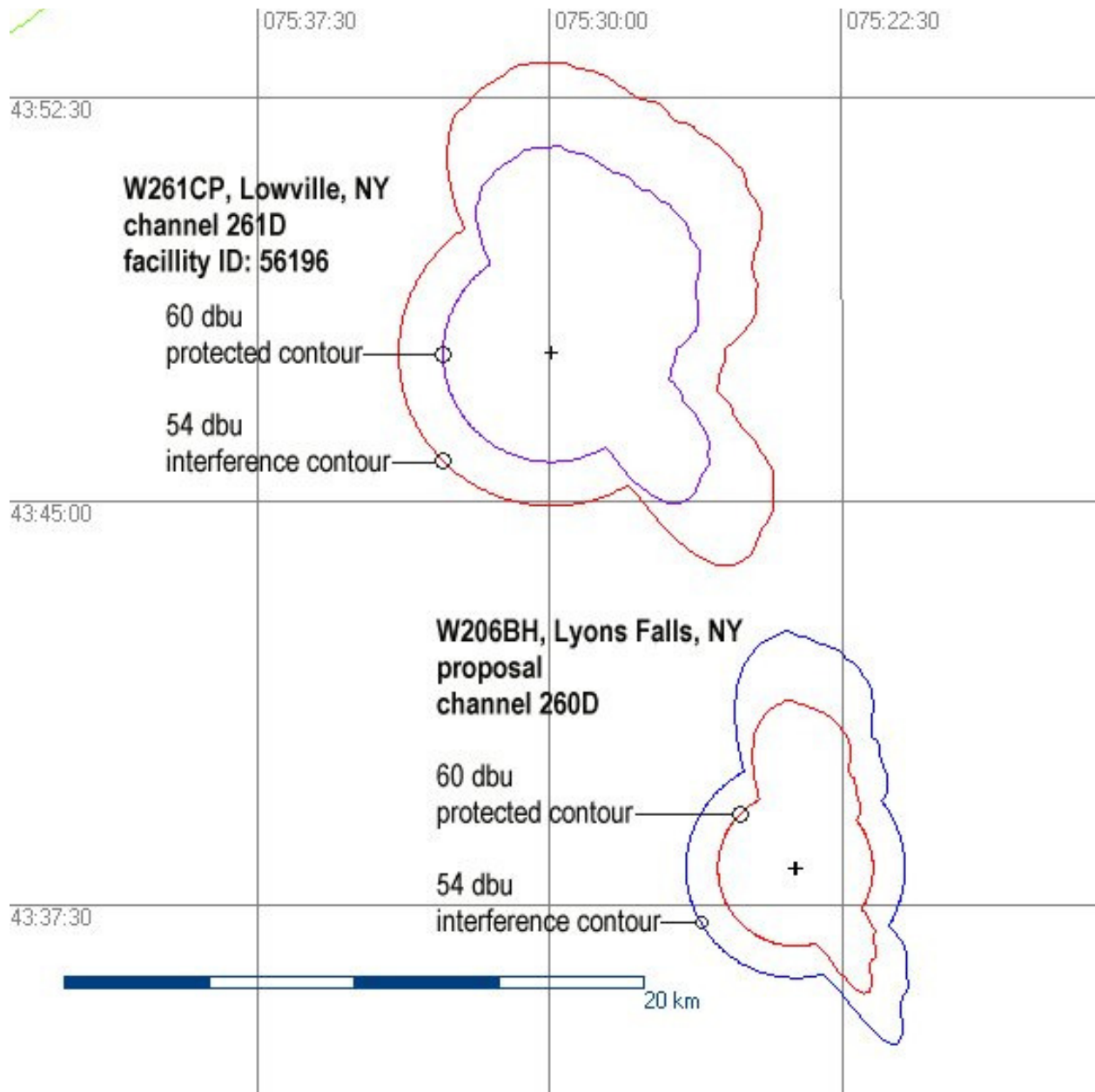
Azimuth deg.	HAAT m.	(protected) f(50,50)	(interference) f(50,10)		
		60 dbu km.	40 dbu	54 dbu	100 dbu
0	134.5	5.7	18.7	8.0	0.16
30	63.7	3.9	12.3	5.5	0.16
60	24.2	2.7	8.5	3.7	0.16
90	12.9	2.7	8.5	3.7	0.16
120	36.4	2.9	9.3	4.1	0.16
150	85.7	4.5	14.1	6.4	0.16
180	-8.7	2.7	8.5	3.7	0.16
210	-104.2	2.7	8.5	3.7	0.16
240	-162.5	2.7	8.5	3.7	0.16
270	-211.9	2.7	8.5	3.7	0.16
300	-183.6	2.7	8.5	3.7	0.16
330	9.4	2.7	8.5	3.7	0.16

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

Station	W261CP	WLLG
FM channel	261D	257A
FCC Facility ID:	56196	38934
Location	Lowville, NY	Lowville, NY
File#	BLFT-20030827AGA	BMLH-19960111KE
Latitude	43-47-45.0 N	43-45-12.0 N
Longitude	75-29-58.0 W	75-33-50.0 W
ERP	0.019 kW	1.0 kW
Distance to proposed facilities	19.7 km	18.1 km

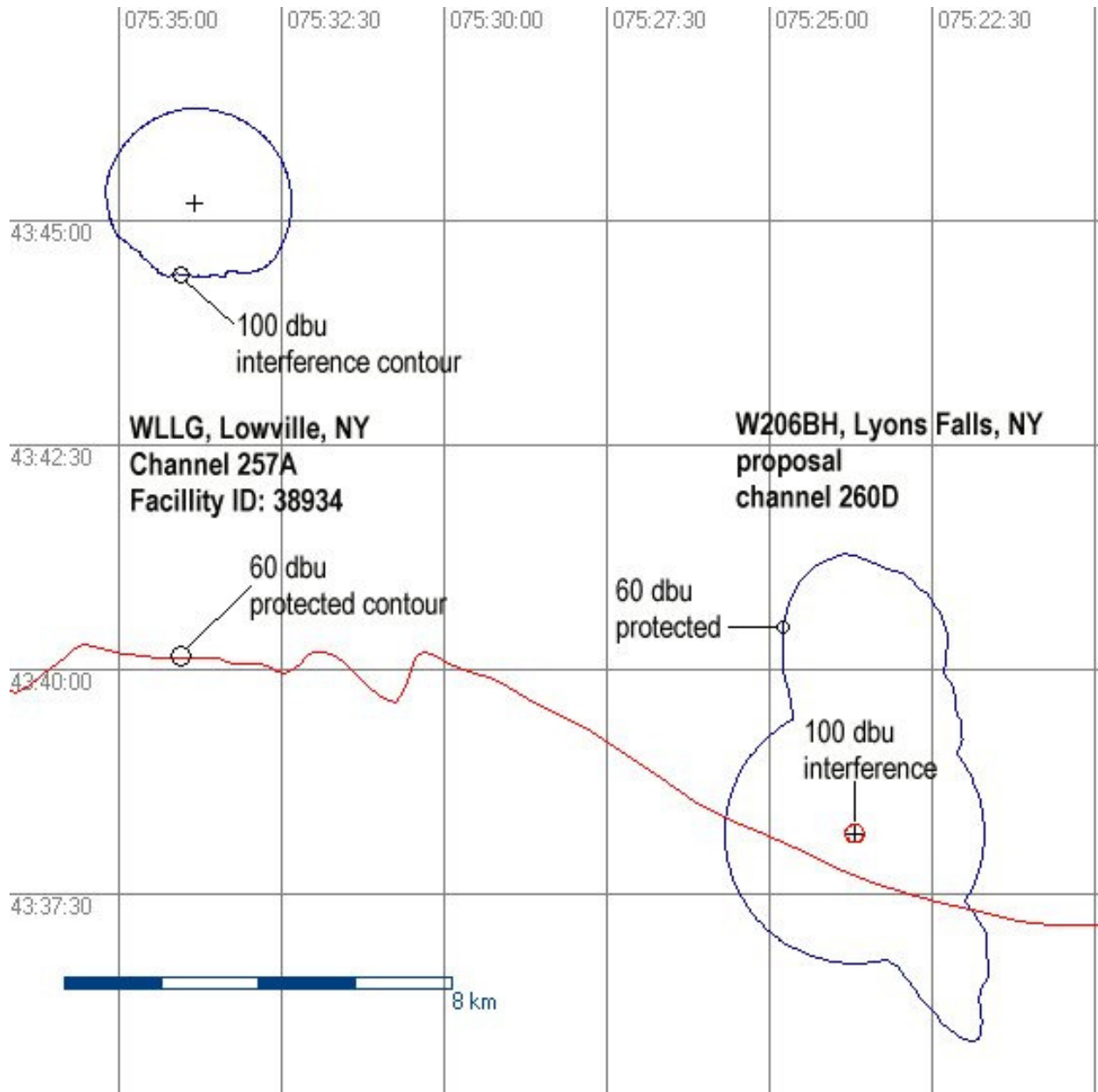
## EXHIBIT 12 Engineering statement (continued)

The appropriate contours regarding W261CP are shown below. No contour overlap occurs.



## EXHIBIT 12 Engineering statement (continued)

Below are the contours for the relationship between W206BH (on channel 260) and WLLG.



Although the contour overlap requirements of 74.1204 (a) (1) are not met with regards to WLLG, Lowville, NY, section 74.1204 (d) permits acceptance of applications which can demonstrate that no actual interference occurs due to lack of population.

## EXHIBIT 12 Engineering statement (continued)

In this case, the proposed translator site lies just inside WLLG's 60 dbu (f 50,50) contour. Using the +40 db ratio for desired/undesired signals for stations 600 kHz apart, all potential interference would occur within the proposed translator's 100 dbu contour.

As the distance to this contour is 160 meters, and there are no residences within this distance of the transmitter location, no actual interference will occur in a populated area.

The following is a "Google" satellite map showing the area within 160 meters of the proposed transmitter site, as well as the residences located outside this radius. The transmitting antenna will be located on the roof of the South Lewis High School building.

