

Technical Exhibit**Minor Modification of Licensed Facility**

This application complies with all engineering standards and assignment requirements specified in the applicable FCC rules and regulations. A new site is specified as is indicated below:

	Minor modification of licensed facility
Channel / Class	282 D
Geographical Coordinates NAD 83	42 24 02.2 73 52 03.4
Geographical Coordinates NAD 27	42 24 02 73 52 05
ASRN	1003025
Site elevation	258.2 m
Tower AGL	66.1 m
Antenna COR AMSL	26 m
Antenna COR AGL	284 m
HAAT	156 m
ERP	0.010 kW (H&V, non-DA)
Antenna	Nicom BKG77/1
Terrain database	GLOBE

Technical Exhibit

Tabulation of HAAT / ERP / distance to 60 & 70 dBu contours

CH 282 42 24 02 / 73 52 05 (NAD 27) 0.010 kW ERP (H&V, non-da) 284 m COR AMSL 156 m HAAT

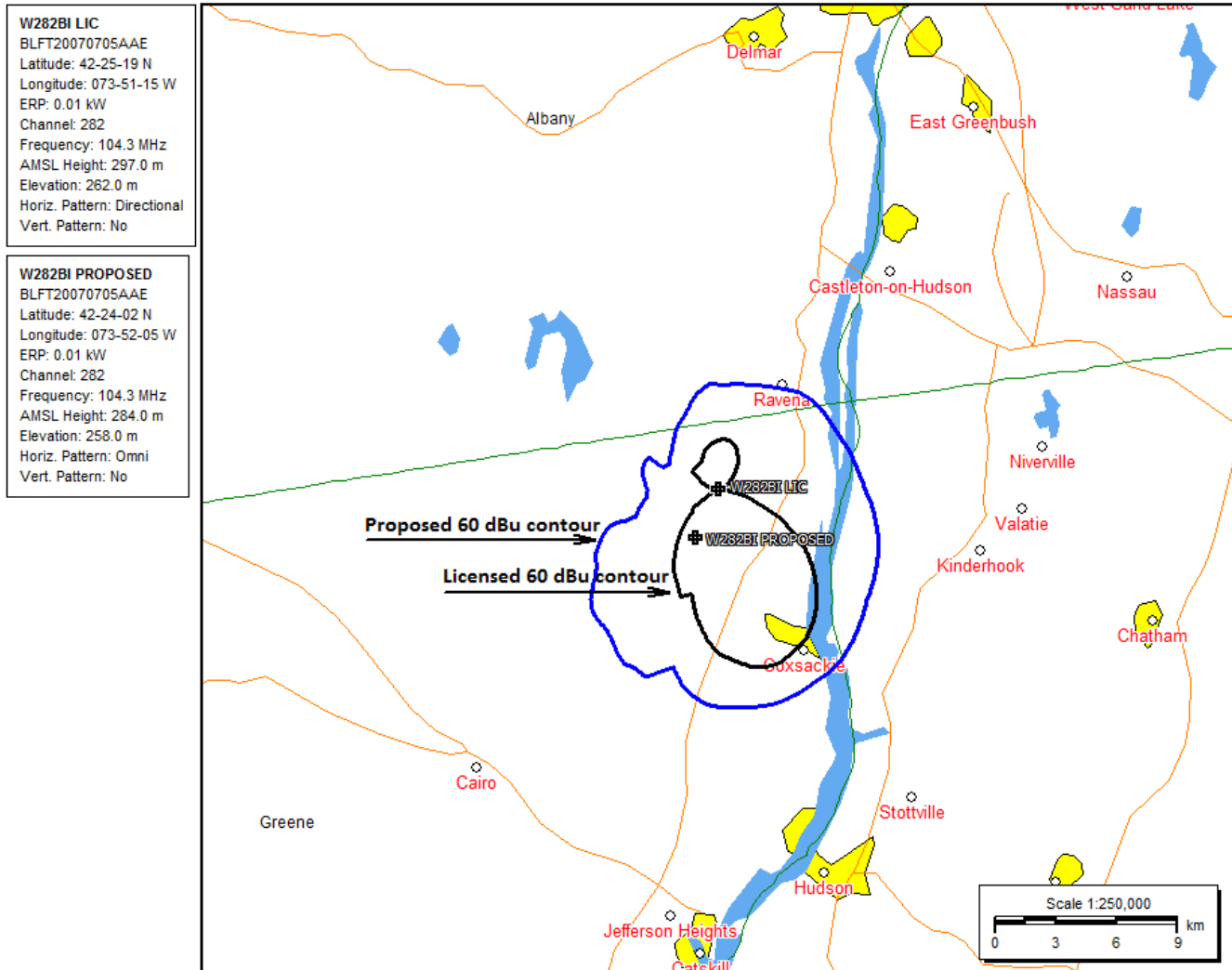
Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	135.1	148.9	0.0100	-20.00	1.000	7.07
010	110.4	173.6	0.0100	-20.00	1.000	7.65
020	93.3	190.7	0.0100	-20.00	1.000	8.02
030	72.1	211.9	0.0100	-20.00	1.000	8.48
040	54.1	229.9	0.0100	-20.00	1.000	8.86
050	61.6	222.4	0.0100	-20.00	1.000	8.70
060	63.4	220.6	0.0100	-20.00	1.000	8.67
070	65.5	218.5	0.0100	-20.00	1.000	8.62
080	56.5	227.5	0.0100	-20.00	1.000	8.81
090	49.5	234.5	0.0100	-20.00	1.000	8.94
100	48.3	235.7	0.0100	-20.00	1.000	8.97
110	50.7	233.3	0.0100	-20.00	1.000	8.92
120	40.6	243.4	0.0100	-20.00	1.000	9.12
130	30.2	253.8	0.0100	-20.00	1.000	9.31
140	39.7	244.3	0.0100	-20.00	1.000	9.13
150	43.6	240.4	0.0100	-20.00	1.000	9.06
160	58.1	225.9	0.0100	-20.00	1.000	8.77
170	75.2	208.8	0.0100	-20.00	1.000	8.41
180	102.4	181.6	0.0100	-20.00	1.000	7.83
190	163.7	120.3	0.0100	-20.00	1.000	6.40
200	128.8	155.2	0.0100	-20.00	1.000	7.22
210	135.4	148.6	0.0100	-20.00	1.000	7.06
220	161.7	122.3	0.0100	-20.00	1.000	6.45
230	169.9	114.1	0.0100	-20.00	1.000	6.25
240	179.8	104.2	0.0100	-20.00	1.000	5.97
250	202.5	81.5	0.0100	-20.00	1.000	5.26
260	208.7	75.3	0.0100	-20.00	1.000	5.05
270	220.4	63.6	0.0100	-20.00	1.000	4.65
280	234.0	50.0	0.0100	-20.00	1.000	4.11
290	259.7	24.3	0.0100	-20.00	1.000	3.15
300	270.5	13.5	0.0100	-20.00	1.000	3.15
310	255.9	28.1	0.0100	-20.00	1.000	3.15
320	234.5	49.5	0.0100	-20.00	1.000	4.09
330	222.3	61.7	0.0100	-20.00	1.000	4.58
340	238.8	45.2	0.0100	-20.00	1.000	3.89
350	195.6	88.4	0.0100	-20.00	1.000	5.48

 GLOBE Terrain Data
 (yellow highlighted values establish average HAAT)

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Licensed and proposed 60 dBu contour coverage map

The proposed 60 dBu contour will continue to overlap the licensed 60 dBu contour.



Technical Exhibit

Allocation Study

CH 282 42 24 02 / 73 52 05 (NAD 27) 0.010 kW ERP (H&V, non-da) 284 m COR AMSL 156 m HAAT

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
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Reference station:

282D	W282BI	LIC	25.6	2.63	42 25 19.0	0.010				
Catskill, Etc.	NY		205.6	BLFT20070705AAE	73 51 15.0	171	297	---	Reference---	Family Stations, Inc.

Co-channel, 1st, 2nd, & 3rd channel relationships:

279D	W279AL	LIC	168.9	24.19	42 11 13.0	0.010	0.2	7.5	15.4	16.5
Catskill	NY		349.0	BLFT20150115AAA	73 48 42.0		247			Delaware County Sounds Of
279B	WKNE	LIC	59.6	141.30	43 02 00.0	12.000	5.8	72.8	126.8	67.2
Keene	NH		240.7	BMLH20070212AAW	72 22 04.0	302	576			Saga Communications Of New
280A	WPBZ-FM	LIC	20.4	21.88	42 35 06.0	6.000	2.9	29.5	10.5	-7.9
Rensselaer	NY		200.5	BLH19940104KC	73 46 29.0	92	180			Townsquare Media Of Albany
281L1	WIOF-LP	LIC	208.0	43.30	42 03 22.5	0.100			28.1	24.1
Woodstock	NY		27.8	BLL20150422ABK	74 06 50.2	19	280			Birds Of A Feather Media L
281A	WMNV	LIC	27.2	108.48	43 16 01.0	4.300	51.3	34.6	48.6	61.4
Rupert	VT		207.6	BLH20041015ABS	73 15 21.0	61	379			Capital Media Corporation
281B	WMRQ-FM	LIC	137.5	125.90	41 33 42.0	14.000	66.3	56.4	50.8	47.2
Waterbury	CT		318.1	BLH20120622ABZ	72 50 41.0	255	354			Red Wolf Broadcasting Corp
282D	W282AD	LIC	253.9	24.51	42 20 21.0	0.002	25.1	6.7	-6.3	0.1
East Windham	NY		73.7	BLFT19970414TD	74 09 17.0	127	585			Family Stations, Inc.
282L1	WRRS-LP	LIC	83.9	50.03	42 26 48.0	0.100			22.6	14.9
Pittsfield	MA		264.3	BLL20190321AAU	73 15 42.0		329			Berkshire Benevolent Assoc
282D	W282CU	LIC	345.3	95.02	43 13 36.0	0.050	28.8	8.8	59.1	71.6
Northville	NY		165.0	BLFT20180807ACW	74 10 00.0		361			Cranesville Block Co., Inc
282B	WAXQ	LIC	183.1	183.95	40 44 54.0	6.000	123.6	64.0	52.1	83.0
New York	NY		3.0	BLH19960426KA	73 59 10.0	415	429			Amfm Radio Licenses, L.L.c
282B	WFRG-FM	LIC	300.5	146.02	43 03 22.9	100.000	143.8	56.0	-1.1	66.3
Utica	NY		119.4	BLH20120308AAZ	75 25 02.0	139	393			Townsquare Media Licensee
283D	W283BP	LIC	270.1	59.24	42 23 57.0	0.040	11.8	7.6	42.5	42.2
Stamford	NY		89.6	BLFT20120521AAR	74 35 23.0	414	999			Delaware County Sounds Of
283A	WTMM-FM	LIC	0.4	53.18	42 52 44.0	5.000	44.8	28.7	0.9	13.3
Mechanicville	NY		180.4	BLH19930107KA	73 51 47.0	107	210			Townsquare Media Of Albany
284B	WSPK	LIC	183.7	101.60	41 29 19.0	7.400	5.0	70.8	88.4	29.6
Poughkeepsie	NY		3.7	BLH19840802CR	73 56 52.0	381	504			6 Johnson Road Licenses, I
285A	WINU	LIC	337.6	28.37	42 38 11.0	0.530	1.1	22.5	20.8	4.7
Altamont	NY		157.5	BLH20020625AAM	74 00 02.0	284	523			6 Johnson Road Licenses, I

I.F.:

None

GLOBE terrain database

Technical Exhibit

Allocation Study

W282AD LIC
 CH 282D
 0.002 kW ERP
 585 m COR AMSL
 42 20 21 / 74 09 17

W282BI PROPOSED
 CH 282D
 0.010 kW ERP
 284 m COR AMSL
 42 24 02 / 73 52 05

Protected 60 dBu

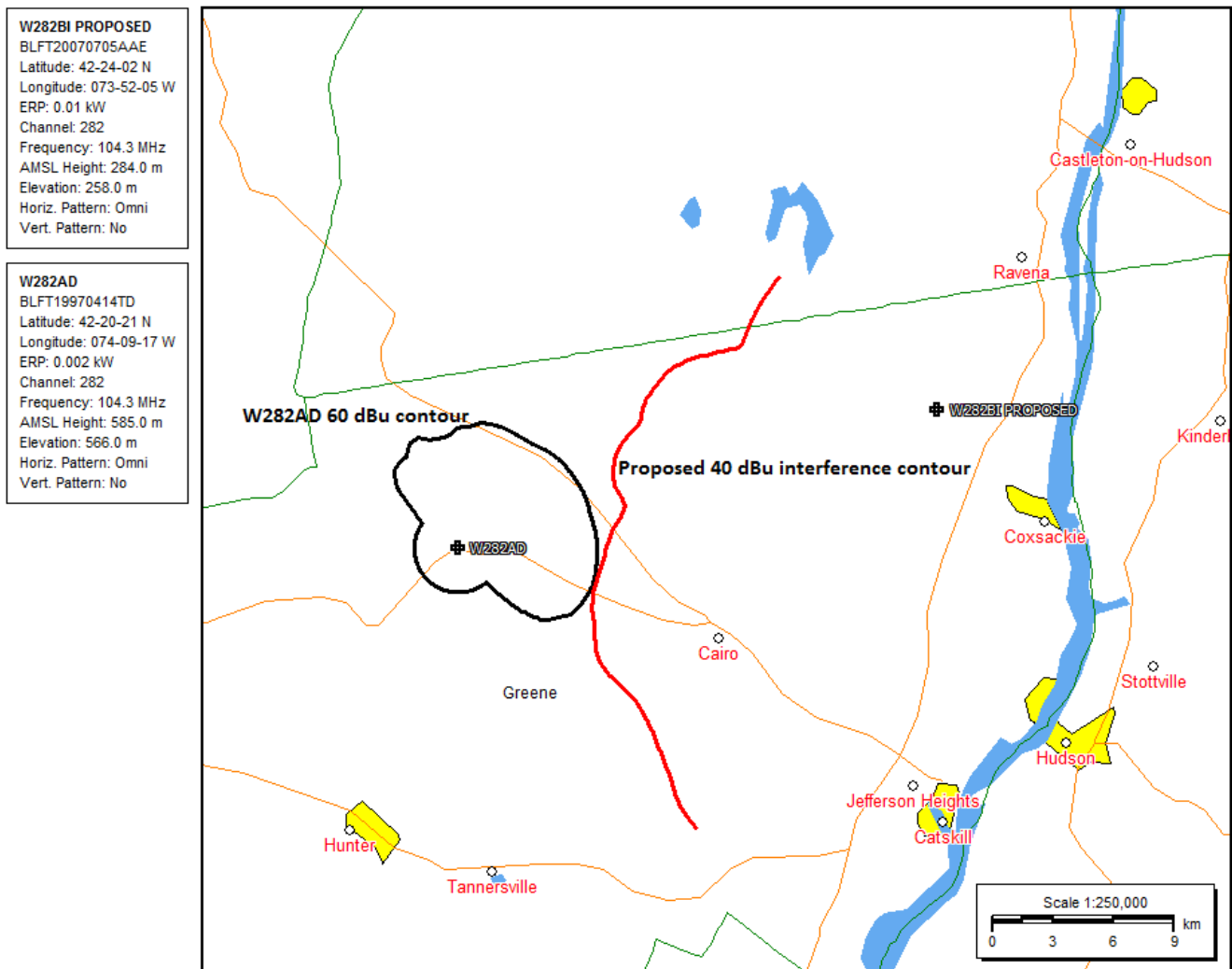
Interfering 40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
087.0	000.0020	0380.8	006.8	248.9	000.0100	0084.1	017.9	39.48
088.0	000.0020	0381.4	006.8	248.6	000.0100	0084.9	018.0	39.53
089.0	000.0020	0381.9	006.8	248.2	000.0100	0085.6	018.0	39.58
090.0	000.0020	0382.5	006.8	247.8	000.0100	0086.3	018.0	39.62
091.0	000.0020	0382.7	006.8	247.5	000.0100	0087.0	018.1	39.65
092.0	000.0020	0382.1	006.8	247.1	000.0100	0087.5	018.1	39.66
093.0	000.0020	0381.6	006.8	246.8	000.0100	0088.1	018.2	39.68
094.0	000.0020	0381.3	006.8	246.5	000.0100	0088.7	018.3	39.69
095.0	000.0020	0381.8	006.8	246.1	000.0100	0089.3	018.3	39.71
096.0	000.0020	0382.6	006.8	245.8	000.0100	0090.1	018.4	39.74
097.0	000.0020	0383.5	006.8	245.5	000.0100	0090.8	018.4	39.76
098.0	000.0020	0384.5	006.9	245.2	000.0100	0091.5	018.5	39.79
099.0	000.0020	0387.1	006.9	244.8	000.0100	0092.3	018.5	39.82
100.0	000.0020	0389.6	006.9	244.5	000.0100	0093.2	018.6	39.86
101.0	000.0020	0391.4	006.9	244.2	000.0100	0094.0	018.7	39.89
102.0	000.0020	0392.5	006.9	243.9	000.0100	0094.8	018.7	39.91
103.0	000.0020	0392.2	006.9	243.6	000.0100	0095.6	018.8	39.92
104.0	000.0020	0391.3	006.9	243.3	000.0100	0096.3	018.9	39.92
105.0	000.0020	0388.9	006.9	243.1	000.0100	0097.0	019.0	39.91
106.0	000.0020	0385.2	006.9	242.9	000.0100	0097.6	019.1	39.90
107.0	000.0020	0381.2	006.8	242.7	000.0100	0098.2	019.2	39.87
108.0	000.0020	0377.1	006.8	242.4	000.0100	0098.7	019.3	39.84
109.0	000.0020	0373.1	006.8	242.2	000.0100	0099.3	019.4	39.81
110.0	000.0020	0369.3	006.8	242.1	000.0100	0099.8	019.5	39.78
111.0	000.0020	0365.5	006.8	241.9	000.0100	0100.2	019.6	39.74
112.0	000.0020	0361.9	006.7	241.7	000.0100	0100.7	019.7	39.69
113.0	000.0020	0358.1	006.7	241.5	000.0100	0101.1	019.8	39.64
114.0	000.0020	0354.1	006.7	241.4	000.0100	0101.4	019.9	39.59
115.0	000.0020	0349.7	006.7	241.3	000.0100	0101.7	020.0	39.53
116.0	000.0020	0344.5	006.6	241.1	000.0100	0102.0	020.1	39.46

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Allocation Study

Below is a map showing the lack of prohibited overlap of the 40 dBu interference contour of W282BI as proposed to the protected 60 dBu contour of W282AD (Licensed).



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Allocation Study

W282BI as proposed is located within the protected contour of the following second adjacent station:

WPBZ-FM (LIC), CH 280A, Rensselaer, NY

WPBZ-FM signal strength at the W282BI site	65.8 dBu
W282BI interference contour	105.8 dBu
Distance to W282BI interference contour	114.3 meters

W282BI's interference contour will extend out 114.3 meters. As is indicated on the below map there are no occupied structures within 114.3 meters of the tower, therefore based on the showing of no population within the area of predicted interference a waiver of Section 74.1204(d) is respectfully requested.



Technical Exhibit

International Compliance – Canada

W282BI as proposed is located 274.9 km from the common border between the United States and Canada. W282BI will be fully spaced to all Canadian stations, allocations and applications. Furthermore the 34 dBu interference contour will not extend beyond the United States – Canadian border.

Technical Exhibit

Environmental Impact & RFR Compliance Statement

W282BI will be located at an established communications site that is in compliance with all environmental impact requirements.

This minor change application specifies a move to a new site. W282BI as proposed will operate at an antenna COR AGL height of 26 meters with 0.010 kW ERP (H&V, non-DA). For a worst case estimation at 2 meters above ground level the RFR is no more than 0.6% of the general population/uncontrolled MPE limit. There are no other broadcast facilities at the site.

Facilities that contribute no more than 5% of the general population/uncontrolled MPE limit at the site comply with the requirements of OET Bulletin No. 65 with no further study. Furthermore, per Section 1.1307(b)(1) Table 1, any Part 74 Subpart L facility with an ERP of 100 watts or less is categorically excluded from environmental evaluation. Therefore W282BI as proposed is in compliance with all RFR requirements.

RFR hazard warning signs will be posted at the site and the site has restricted access to only authorized personnel. 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 any controlled exposure area, including the tower, by either reducing power or ceasing operations.