

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of CABLE AD NET NEW YORK, INC., licensee of digital Low Power Television Station WYBN-LD, Channel 14 in Cobleskill, New York, in support of this amendment to its pending Application for Construction Permit (LMS-0000053280), which proposes operation from a new site. The licensee was ordered to vacate the present site and is presently operating under silent authority until it can construct at the site proposed herein. As a result, a waiver of the Commission's freeze on the filing of LPTV modification applications is requested and believed to be justified. The purpose of this amendment is to specify a new tower location adjacent to the one originally proposed.

It is proposed to mount the originally proposed directional 8-bay circularly-polarized slotted cylinder antenna at the 36.6-meter level of an existing 42.7-meter communications tower located 43 kilometers north of the presently licensed WYBN-LD site. The proposed effective radiated power for the facility is still 10.0 kW in the horizontal and vertical planes. Exhibit B-1 is a map upon which the newly proposed predicted 51 dBu service contour is plotted. Exhibit B-2 shows the relationship between the presently licensed WYBN-LD service contour and that proposed herein. Clearly, the two service contours overlap and the distance between the two sites is less than 48 kilometers, as required by the Commission for minor-change modification of LPTV stations.

Elevation and azimuth patterns for the proposed antenna are provided in Exhibit C.

Exhibit D is a summary report from a TVStudy interference analysis for the proposed facility. Our study employed a cell size of 0.5 kilometer and increment spacing of 0.1 kilometer. Further the applicant proposes use of a full-service mask filter. The results indicate that the

EXHIBIT A

proposed WYBN-LD facility meets the Commission's interference requirements to all present and repacked full-power and low-power co-channel and adjacent-channel television facilities.

In addition, the newly proposed WYBN-LD facility continues to meet the Commission's Rules with respect to protection of the Land Mobile assignment on Channels 14 and 15 in New York, New York. Exhibit E is a map on which we have plotted the co-channel f(50,10) 52 dBu and adjacent-channel 76 dBu interference contours for the instant proposal, along with the protected 130 kilometer arc for the Channel 14 and Channel 15 New York Land Mobile assignments (same arc). As shown, there is significant separation between the proposed interference contours and the protected arc.

A revised power density calculation is provided in Exhibit F.

Since no change in the overall height or location of the existing tower is proposed herein, the Federal Aviation Administration has not been notified of this application. In addition, due to the diminutive height of the tower and its proximity to the nearest airport runway, FCC tower registration is not required for this structure.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

A handwritten signature in blue ink, appearing to read "K. T. Fisher", with a stylized flourish at the end.

June 29, 2018

KEVIN T. FISHER

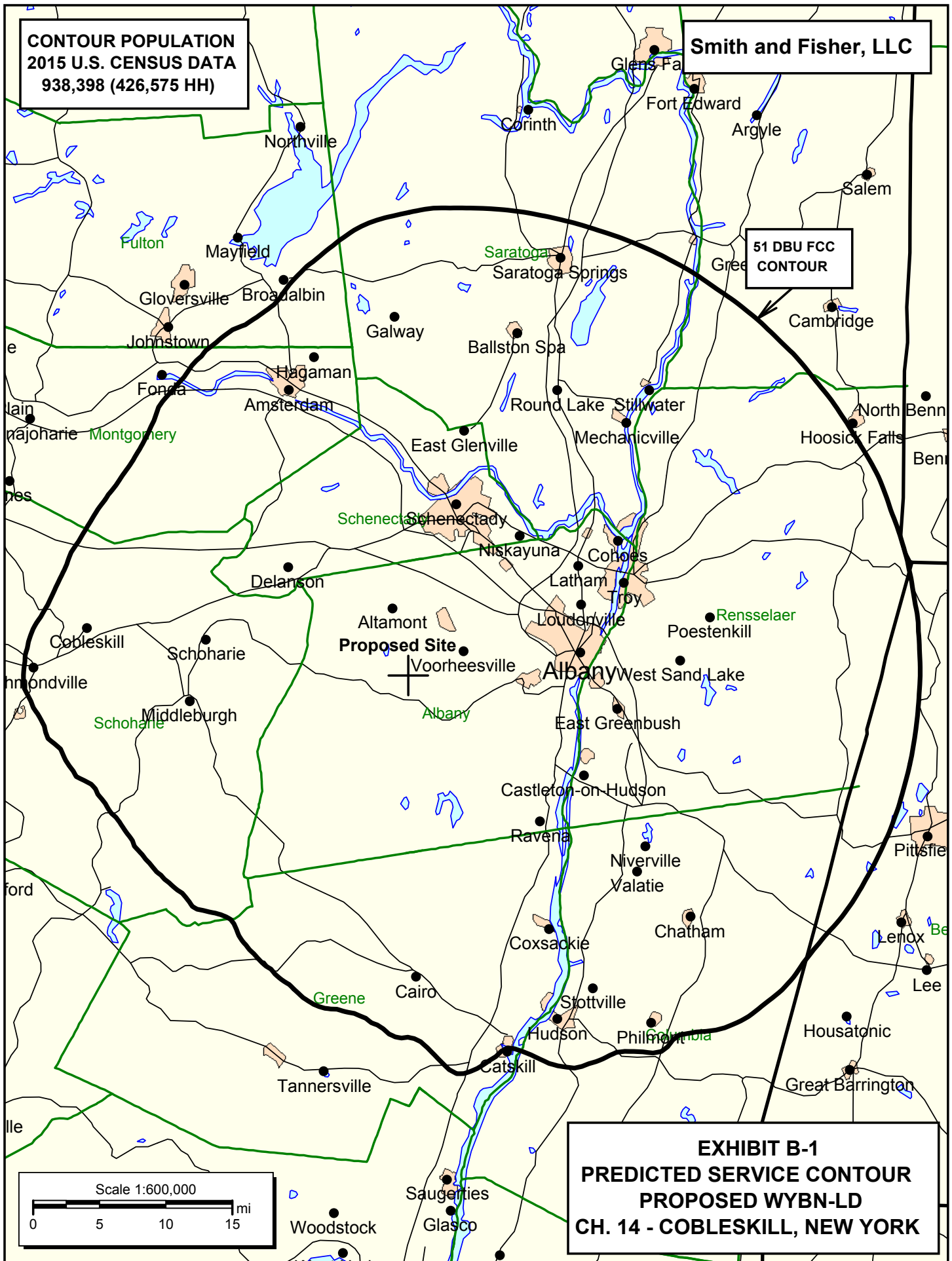
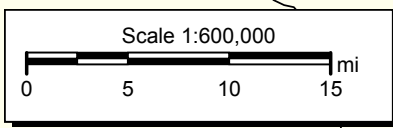
**CONTOUR POPULATION
2015 U.S. CENSUS DATA
938,398 (426,575 HH)**

Smith and Fisher, LLC

**51 DBU FCC
CONTOUR**

Proposed Site

**EXHIBIT B-1
PREDICTED SERVICE CONTOUR
PROPOSED WYBN-LD
CH. 14 - COBLESKILL, NEW YORK**



**NOTE : DISTANCE BETWEEN LICENSED
AND PROPOSED SITES IS 43.3 KILOMETERS**

Smith and Fisher, LLC

**PROPOSED 51 DBU
FCC CONTOUR**

**LICENSED 51 DBU
FCC CONTOUR**

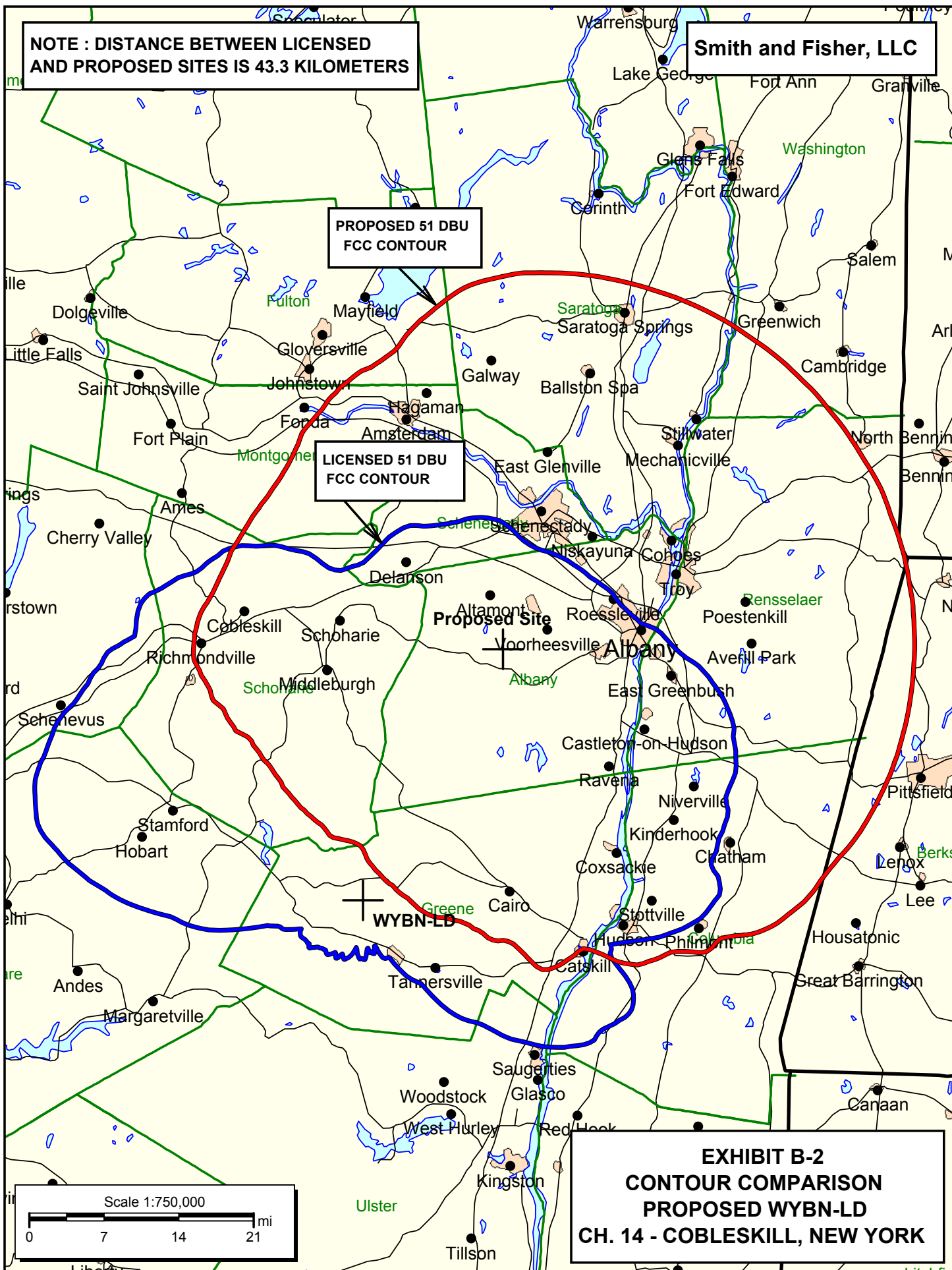
Proposed Site

WYBN-LD

**EXHIBIT B-2
CONTOUR COMPARISON
PROPOSED WYBN-LD
CH. 14 - COBLESKILL, NEW YORK**

Scale 1:750,000

0 7 14 21 mi



AZIMUTH PATTERN

Type: ALP-OC

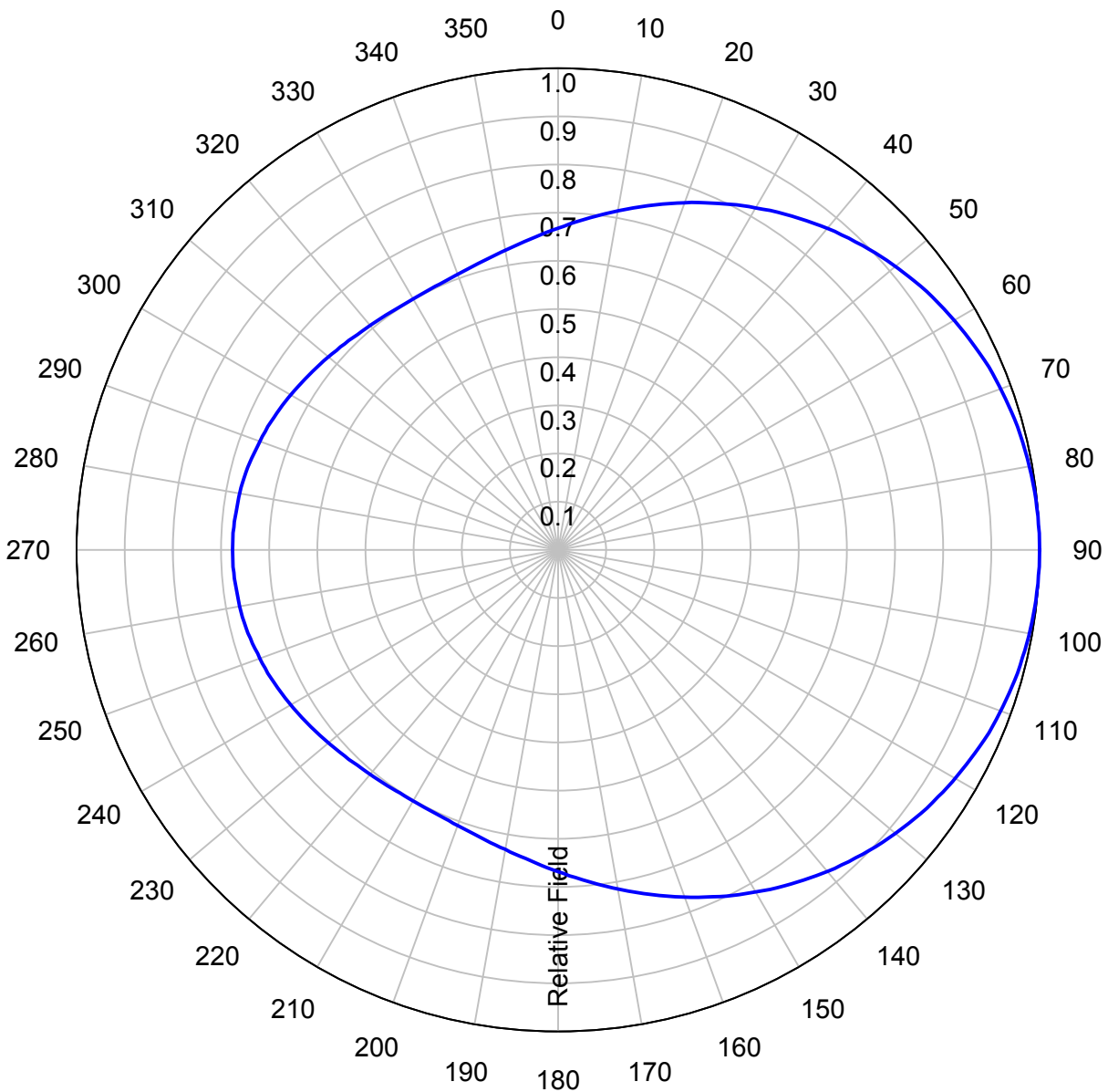
	Numeric	dBd
Directivity:	<u>1.70</u>	<u>2.30</u>
Peak(s) at:		

Channel: 14

Location: _____

Polarization: Horizontal

Note: Pattern shape and directivity may vary with channel and mouting configuration.



Preliminary, subject to final design and review.

TABULATED DATA FOR AZIMUTH PATTERN**Type: ALP-OC****PolarizationHorizontal**

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	0.668	-3.50	92	1.000	0.00	184	0.652	-3.72	276	0.674	-3.43
2	0.677	-3.39	94	0.999	-0.01	186	0.644	-3.82	278	0.673	-3.44
4	0.686	-3.27	96	0.998	-0.02	188	0.638	-3.90	280	0.672	-3.45
6	0.695	-3.16	98	0.996	-0.03	190	0.631	-4.00	282	0.670	-3.48
8	0.705	-3.04	100	0.994	-0.05	192	0.626	-4.07	284	0.668	-3.50
10	0.715	-2.91	102	0.992	-0.07	194	0.621	-4.14	286	0.665	-3.54
12	0.725	-2.79	104	0.989	-0.10	196	0.616	-4.21	288	0.662	-3.58
14	0.735	-2.67	106	0.986	-0.12	198	0.612	-4.26	290	0.659	-3.62
16	0.746	-2.55	108	0.982	-0.16	200	0.609	-4.31	292	0.656	-3.66
18	0.756	-2.43	110	0.978	-0.19	202	0.606	-4.35	294	0.653	-3.70
20	0.767	-2.30	112	0.974	-0.23	204	0.604	-4.38	296	0.649	-3.76
22	0.778	-2.18	114	0.969	-0.27	206	0.603	-4.39	298	0.646	-3.80
24	0.788	-2.07	116	0.963	-0.33	208	0.602	-4.41	300	0.642	-3.85
26	0.799	-1.95	118	0.957	-0.38	210	0.602	-4.41	302	0.638	-3.90
28	0.810	-1.83	120	0.951	-0.44	212	0.602	-4.41	304	0.634	-3.96
30	0.820	-1.72	122	0.945	-0.49	214	0.603	-4.39	306	0.630	-4.01
32	0.831	-1.61	124	0.938	-0.56	216	0.604	-4.38	308	0.627	-4.05
34	0.841	-1.50	126	0.931	-0.62	218	0.606	-4.35	310	0.623	-4.11
36	0.851	-1.40	128	0.923	-0.70	220	0.608	-4.32	312	0.619	-4.17
38	0.861	-1.30	130	0.915	-0.77	222	0.610	-4.29	314	0.616	-4.21
40	0.871	-1.20	132	0.907	-0.85	224	0.613	-4.25	316	0.613	-4.25
42	0.880	-1.11	134	0.898	-0.93	226	0.616	-4.21	318	0.610	-4.29
44	0.889	-1.02	136	0.889	-1.02	228	0.619	-4.17	320	0.608	-4.32
46	0.898	-0.93	138	0.880	-1.11	230	0.623	-4.11	322	0.606	-4.35
48	0.907	-0.85	140	0.871	-1.20	232	0.627	-4.05	324	0.604	-4.38
50	0.915	-0.77	142	0.861	-1.30	234	0.630	-4.01	326	0.603	-4.39
52	0.923	-0.70	144	0.851	-1.40	236	0.634	-3.96	328	0.602	-4.41
54	0.931	-0.62	146	0.841	-1.50	238	0.638	-3.90	330	0.602	-4.41
56	0.938	-0.56	148	0.831	-1.61	240	0.642	-3.85	332	0.602	-4.41
58	0.945	-0.49	150	0.820	-1.72	242	0.646	-3.80	334	0.603	-4.39
60	0.951	-0.44	152	0.810	-1.83	244	0.649	-3.76	336	0.604	-4.38
62	0.957	-0.38	154	0.799	-1.95	246	0.653	-3.70	338	0.606	-4.35
64	0.963	-0.33	156	0.788	-2.07	248	0.656	-3.66	340	0.609	-4.31
66	0.969	-0.27	158	0.778	-2.18	250	0.659	-3.62	342	0.612	-4.26
68	0.974	-0.23	160	0.767	-2.30	252	0.662	-3.58	344	0.616	-4.21
70	0.978	-0.19	162	0.756	-2.43	254	0.665	-3.54	346	0.621	-4.14
72	0.982	-0.16	164	0.746	-2.55	256	0.668	-3.50	348	0.626	-4.07
74	0.986	-0.12	166	0.735	-2.67	258	0.670	-3.48	350	0.631	-4.00
76	0.989	-0.10	168	0.725	-2.79	260	0.672	-3.45	352	0.638	-3.90
78	0.992	-0.07	170	0.715	-2.91	262	0.673	-3.44	354	0.644	-3.82
80	0.994	-0.05	172	0.705	-3.04	264	0.674	-3.43	356	0.652	-3.72
82	0.996	-0.03	174	0.695	-3.16	266	0.675	-3.41	358	0.660	-3.61
84	0.998	-0.02	176	0.686	-3.27	268	0.676	-3.40	360	0.668	-3.50
86	0.999	-0.01	178	0.677	-3.39	270	0.676	-3.40			
88	1.000	0.00	180	0.668	-3.50	272	0.676	-3.40			
90	1.000	0.00	182	0.660	-3.61	274	0.675	-3.41			

Preliminary, subject to final design and review.

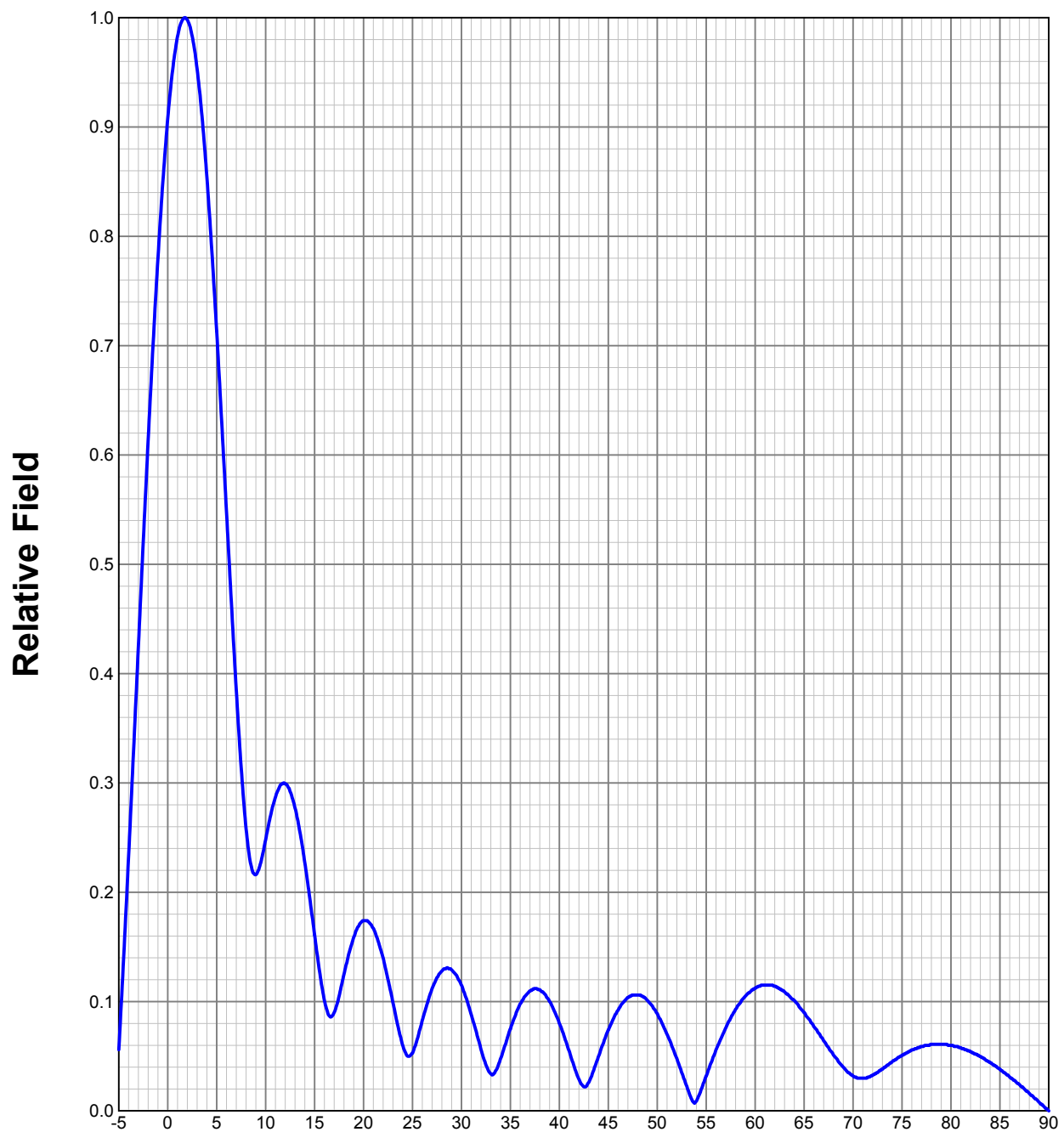
TABULATED DATA FOR AZIMUTH PATTERN FCC FILING FORMAT

Type: ALP-OC

PolarizationHorizontal

ANGLE	FIELD	ERP (kW)	ERP (dBk)
0	0.668	4.460	6.493
10	0.715	5.110	7.084
20	0.767	5.880	7.694
30	0.820	6.721	8.274
40	0.871	7.583	8.798
50	0.915	8.368	9.226
60	0.951	9.040	9.561
70	0.978	9.560	9.805
80	0.994	9.876	9.946
90	1.000	9.995	9.998
100	0.994	9.876	9.946
110	0.978	9.560	9.805
120	0.951	9.040	9.561
130	0.915	8.368	9.226
140	0.871	7.583	8.798
150	0.820	6.721	8.274
160	0.767	5.880	7.694
170	0.715	5.110	7.084
180	0.668	4.460	6.493
190	0.631	3.980	5.998
200	0.609	3.707	5.690
210	0.602	3.622	5.590
220	0.608	3.695	5.676
230	0.623	3.879	5.888
240	0.642	4.120	6.149
250	0.659	4.341	6.376
260	0.672	4.514	6.545
270	0.676	4.568	6.597
280	0.672	4.514	6.545
290	0.659	4.341	6.376
300	0.642	4.120	6.149
310	0.623	3.879	5.888
320	0.608	3.695	5.676
330	0.602	3.622	5.590
340	0.609	3.707	5.690
350	0.631	3.980	5.998

Preliminary, subject to final design and review.

ELEVATION PATTERN**Type:****AL8****Channel:****14****Directivity:****Numeric****dBd****Location:****Main Lobe:****8.50****9.29****Beam Tilt:****1.75****Horizontal:****7.01****8.46****Polarization:****Horizontal***Preliminary, subject to final design and review.*

TVSTUDY INTERFERENCE ANALYSIS RESULTS
 PROPOSED WYBN-LD
 CHANNEL 14 – COBLESKILL, NEW YORK

Study created: 2018.06.29 12:33:19

Study build station data: LMS TV 2018-06-05

Proposal: WYBN-LD D14 LD APP COBLESKILL, NY
 File number: BLANK0000053280
 Facility ID: 130304
 Station data: User record
 Record ID: 316
 Country: U.S.

Build options:
 Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	W14DA-D	D14-	LD	LIC	HARPSWELL, ME	BLANK000005014	354.7 km
No	W14DA-D	N14-	TX	LIC	HARPSWELL, ME	BLTTL20090319ACP	354.7
No	WUTV	D14	DT	LIC	BUFFALO, NY	BLCDT20060829BGK	403.3
No	WJKP-LD	D14	LD	APP	CORNING, NY	BLANK0000052738	257.5
Yes	WPTZ	D14	DT	LIC	PLATTSBURGH, NY	BLCDT20070116ACW	231.9
Yes	WSYT	D14	DT	CP	SYRACUSE, NY	BLANK0000034354	180.9
No	WSTQ-LP	N14z	TX	LIC	SYRACUSE, NY	BLTTL20030604ABA	182.1
No	WSTQ-LP	D14	LD	CP	SYRACUSE, NY	BDFCDTL20140429AAR	175.5
No	W14CO-D	D14	LD	LIC	CLARKS SUMMIT, ETC., PA	BLDTT20090810AAA	189.1
No	W14DF-D	D14	LD	LIC	ELLIOTTSBURG, PA	BLDTL20100629ALC	369.1
No	W15DV-D	D15	LD	CP	WESTMORELAND, NH	BNPDTL20100514AII	147.4
No	WRGB	D15	LD	APP	SCHENECTADY, NY	BLANK0000054700	78.2
No	WNYS-TV	D15	DT	CP	SYRACUSE, NY	BLANK0000034501	180.9
No	WSPX-TV	D15	DT	LIC	SYRACUSE, NY	BLCDT20110505ABK	182.1
No	W21CQ	N21+	TX	LIC	BENNINGTON, VT	BLTTL20061201AAG	59.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D14

Mask: Full Service
Latitude: 42 37 39.40 N (NAD83)
Longitude: 74 0 37.40 W
Height AMSL: 591.3 m
HAAT: 0.0 m
Peak ERP: 10.0 kW
Antenna: ERI-AL8-14-PL CP (ID 1003170) 0.0 deg
Elev Pattn: Generic
Elec Tilt: 1.75

48.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	4.46 kW	472.1 m	59.3 km
45.0	7.97	497.0	63.6
90.0	10.0	503.4	65.2
135.0	7.97	435.1	61.5
180.0	4.46	203.9	46.5
225.0	3.79	122.8	40.6
270.0	4.57	253.6	49.4
315.0	3.79	215.3	46.3

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 338 m

Proposal 23.72 dBu contour does not cross Canadian border
Distance to Canadian border: 246.8 km

Distance to Mexican border: 2785.4 km

Conditions at FCC monitoring station: Canandaigua NY
Bearing: 277.9 degrees Distance: 267.5 km

Proposal is not within the West Virginia quiet zone area

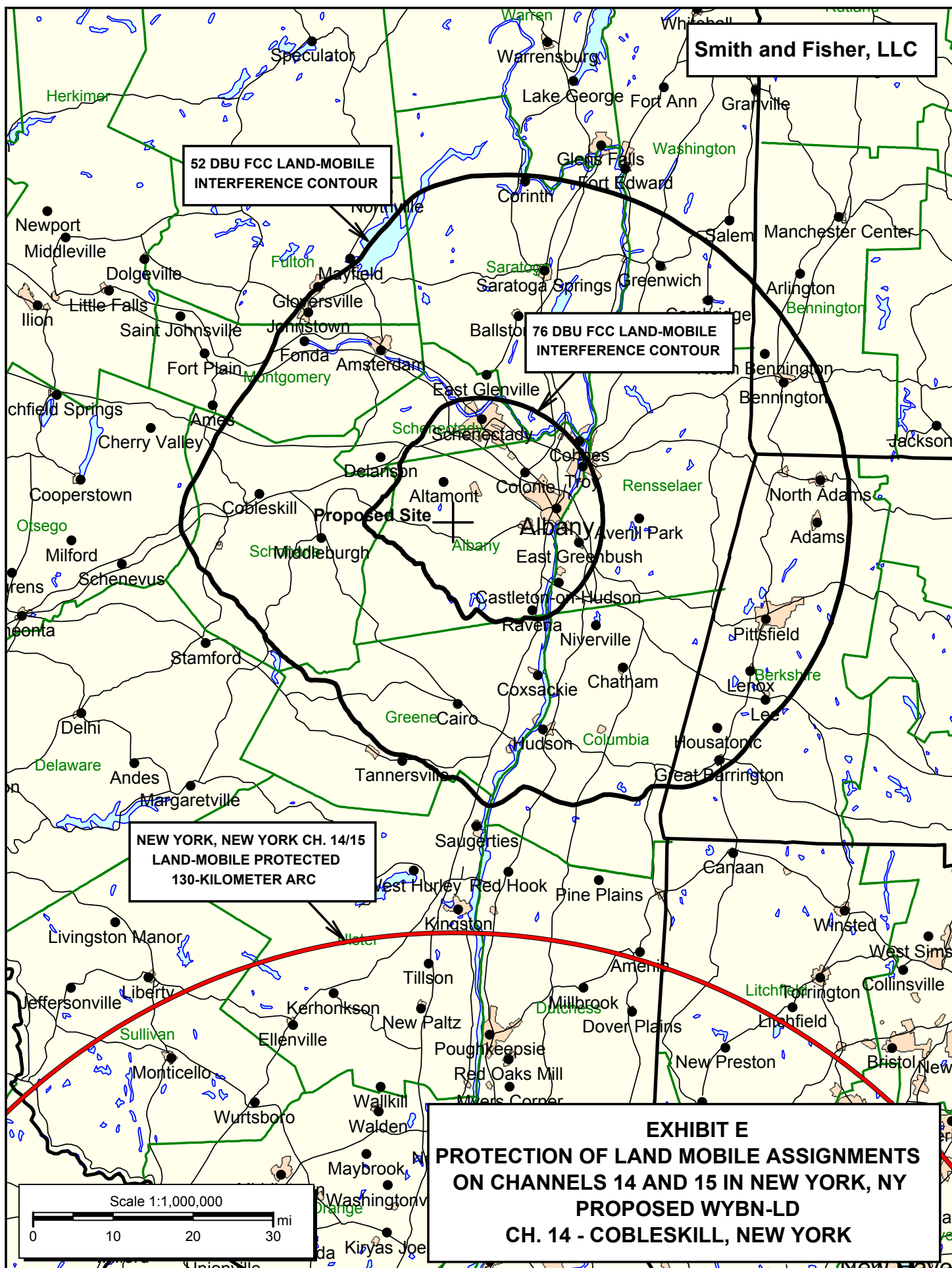
Conditions at Table Mountain receiving zone:
Bearing: 274.6 degrees Distance: 2602.5 km

**Proposal fails distance check to land mobile station: DUTCHESS NY WQFM363 ch. 14, 126.7 km

**Proposal fails distance check to land mobile station: DUTCHESS NY WQFM363 ch. 15, 126.7 km

Study cell size: 0.50 km
Profile point spacing: 0.10 km
Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

No IX check failures found.



POWER DENSITY CALCULATION

PROPOSED WYBN-LD
CHANNEL 14 – COBLESKILL, NEW YORK

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Cobleskill facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 10.0 kW (H, V), an antenna radiation center 36.6 meters above ground, and the specific elevation pattern for the proposed ERI AL8-14-PL antenna, maximum power density two meters above ground of 0.0056 mW/cm² is calculated to occur 18 meters east of the base of the tower. Since this is only 1.8 percent of the 0.31 mW/cm² reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 14 (470-476 MHz), a grant of this proposal may be considered a minor environmental action with respect to public exposure to non-ionizing electromagnetic radiation.

Further, the station owner will take whatever precautionary steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive non-ionizing radiation.