

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 26 in Cobleskill, New York, in support of this Application for Construction Permit to specify an increase in effective radiated power. No change in transmitter site location, antenna make/model, or antenna height is proposed herein.

It is proposed to continue to utilize the directional 8-bay circularly-polarized slotted cylinder antenna that is currently mounted at the 39.6-meter level of an existing 54.9-meter communications tower. The proposed effective radiated power for the facility is 15.0 kW in the horizontal and vertical planes. Exhibit B is a map upon which the predicted 51 dBu service contour is plotted. Elevation and azimuth patterns for the licensed 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 1.0 kilometer and increment spacing of 0.1 kilometer. Further the applicant proposes use of a full-service mask filter. The results indicate that the 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.

A detailed power density calculation is provided in Exhibit E.

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.

EXHIBIT A

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". The signature is stylized with a large "K", a dot after "T", and a long horizontal stroke at the end.

KEVIN T. FISHER

November 30, 2022

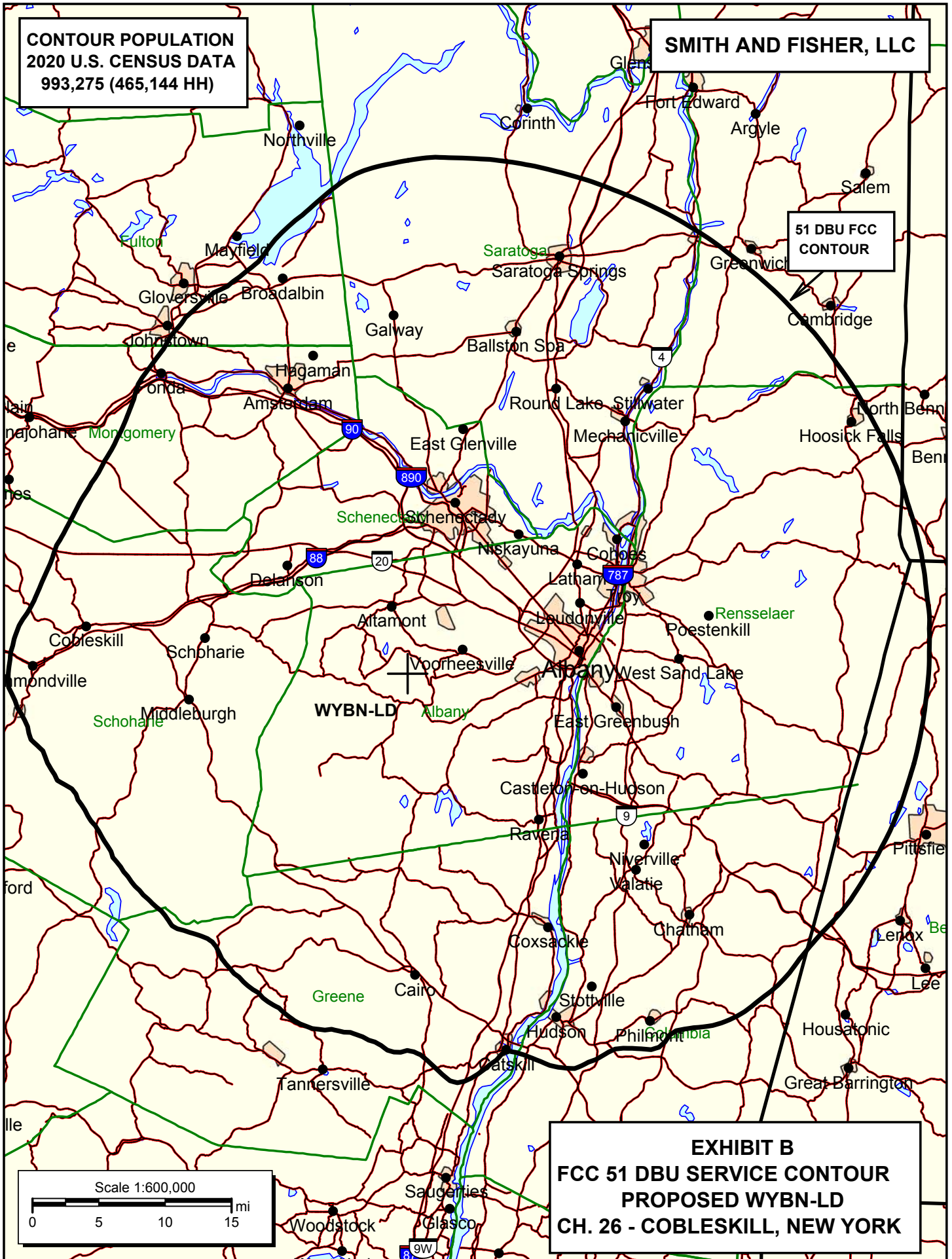
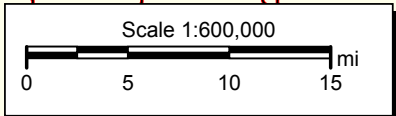
CONTOUR POPULATION
2020 U.S. CENSUS DATA
993,275 (465,144 HH)

SMITH AND FISHER, LLC

51 DBU FCC
CONTOUR

WYBN-LD

EXHIBIT B
FCC 51 DBU SERVICE CONTOUR
PROPOSED WYBN-LD
CH. 26 - COBLESKILL, NEW YORK



AZIMUTH PATTERN

Type: AL-OC

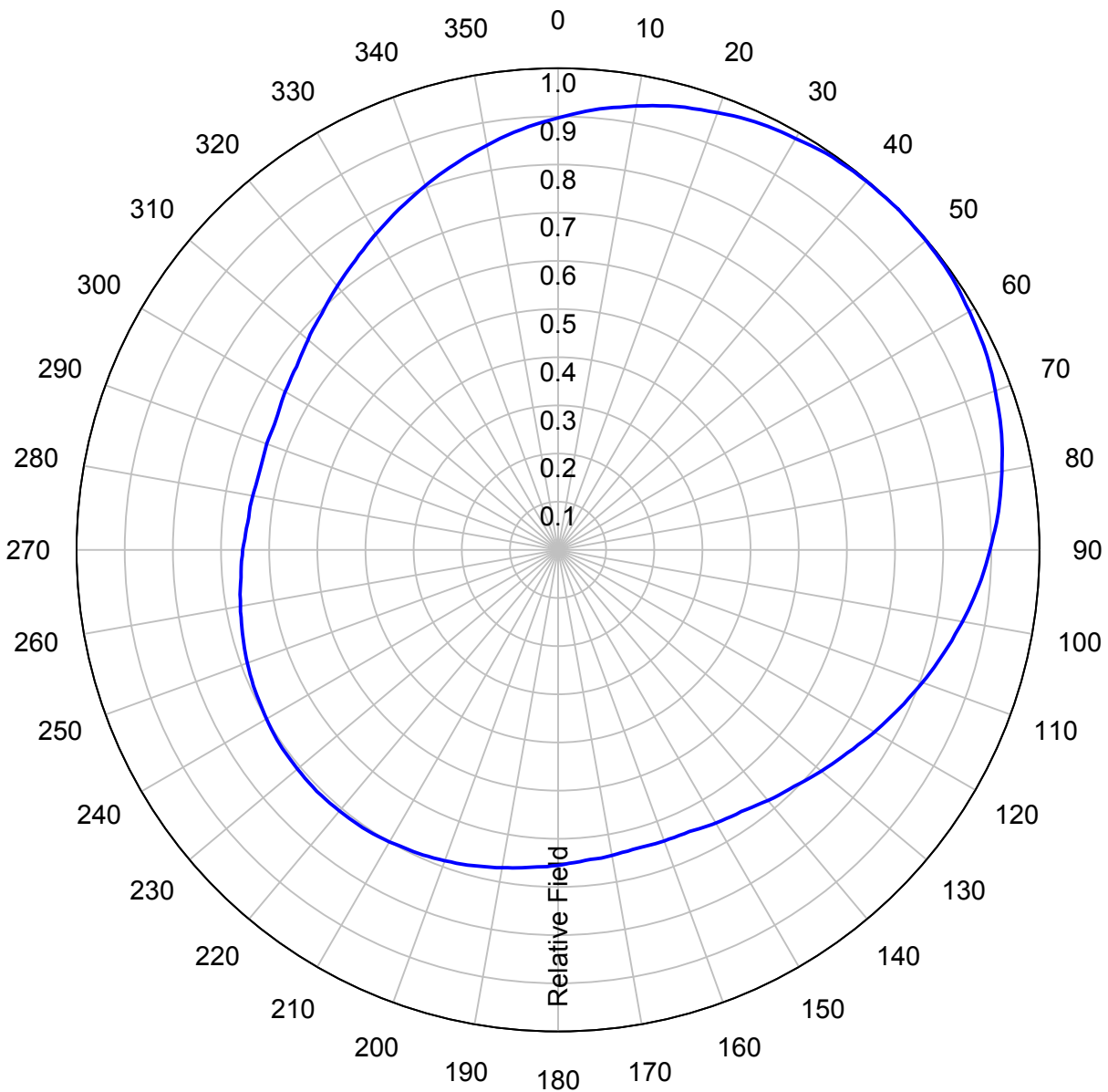
	Numeric	dBd
Directivity:	<u>1.62</u>	<u>2.10</u>
Peak(s) at:		

Channel: 26

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: AL-OC****PolarizationHorizontal**

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	0.897	-0.94	92	0.889	-1.02	184	0.660	-3.61	276	0.646	-3.80
2	0.905	-0.87	94	0.881	-1.10	186	0.663	-3.57	278	0.646	-3.80
4	0.914	-0.78	96	0.872	-1.19	188	0.667	-3.52	280	0.644	-3.82
6	0.922	-0.71	98	0.863	-1.28	190	0.670	-3.48	282	0.642	-3.85
8	0.928	-0.65	100	0.853	-1.38	192	0.673	-3.44	284	0.641	-3.86
10	0.936	-0.57	102	0.843	-1.48	194	0.677	-3.39	286	0.641	-3.86
12	0.943	-0.51	104	0.834	-1.58	196	0.681	-3.34	288	0.642	-3.85
14	0.950	-0.45	106	0.824	-1.68	198	0.684	-3.30	290	0.644	-3.82
16	0.956	-0.39	108	0.815	-1.78	200	0.687	-3.26	292	0.644	-3.82
18	0.961	-0.35	110	0.805	-1.88	202	0.690	-3.22	294	0.645	-3.81
20	0.966	-0.30	112	0.795	-1.99	204	0.693	-3.19	296	0.647	-3.78
22	0.972	-0.25	114	0.786	-2.09	206	0.695	-3.16	298	0.651	-3.73
24	0.977	-0.20	116	0.776	-2.20	208	0.697	-3.14	300	0.655	-3.68
26	0.981	-0.17	118	0.767	-2.30	210	0.700	-3.10	302	0.658	-3.64
28	0.984	-0.14	120	0.758	-2.41	212	0.702	-3.07	304	0.662	-3.58
30	0.986	-0.12	122	0.748	-2.52	214	0.704	-3.05	306	0.666	-3.53
32	0.990	-0.09	124	0.739	-2.63	216	0.706	-3.02	308	0.672	-3.45
34	0.994	-0.05	126	0.730	-2.73	218	0.706	-3.02	310	0.678	-3.38
36	0.995	-0.04	128	0.722	-2.83	220	0.707	-3.01	312	0.685	-3.29
38	0.997	-0.03	130	0.714	-2.93	222	0.708	-3.00	314	0.691	-3.21
40	0.998	-0.02	132	0.706	-3.02	224	0.708	-3.00	316	0.698	-3.12
42	0.998	-0.02	134	0.698	-3.12	226	0.708	-3.00	318	0.706	-3.02
44	0.999	-0.01	136	0.691	-3.21	228	0.708	-3.00	320	0.714	-2.93
46	0.999	-0.01	138	0.685	-3.29	230	0.707	-3.01	322	0.722	-2.83
48	0.998	-0.02	140	0.679	-3.36	232	0.706	-3.02	324	0.730	-2.73
50	0.998	-0.02	142	0.672	-3.45	234	0.706	-3.02	326	0.739	-2.63
52	0.997	-0.03	144	0.666	-3.53	236	0.704	-3.05	328	0.748	-2.52
54	0.996	-0.03	146	0.662	-3.58	238	0.702	-3.07	330	0.757	-2.42
56	0.994	-0.05	148	0.658	-3.64	240	0.700	-3.10	332	0.766	-2.32
58	0.990	-0.09	150	0.655	-3.68	242	0.697	-3.14	334	0.776	-2.20
60	0.987	-0.11	152	0.651	-3.73	244	0.695	-3.16	336	0.785	-2.10
62	0.984	-0.14	154	0.647	-3.78	246	0.693	-3.19	338	0.795	-1.99
64	0.981	-0.17	156	0.645	-3.81	248	0.690	-3.22	340	0.805	-1.88
66	0.977	-0.20	158	0.644	-3.82	250	0.687	-3.26	342	0.815	-1.78
68	0.972	-0.25	160	0.643	-3.84	252	0.684	-3.30	344	0.824	-1.68
70	0.966	-0.30	162	0.642	-3.85	254	0.680	-3.35	346	0.834	-1.58
72	0.961	-0.35	164	0.641	-3.86	256	0.677	-3.39	348	0.843	-1.48
74	0.956	-0.39	166	0.641	-3.86	258	0.673	-3.44	350	0.853	-1.38
76	0.950	-0.45	168	0.642	-3.85	260	0.670	-3.48	352	0.863	-1.28
78	0.943	-0.51	170	0.644	-3.82	262	0.667	-3.52	354	0.872	-1.19
80	0.936	-0.57	172	0.646	-3.80	264	0.663	-3.57	356	0.881	-1.10
82	0.929	-0.64	174	0.646	-3.80	266	0.660	-3.61	358	0.889	-1.02
84	0.922	-0.71	176	0.649	-3.76	268	0.658	-3.64	360	0.897	-0.94
86	0.914	-0.78	178	0.651	-3.73	270	0.655	-3.68			
88	0.905	-0.87	180	0.655	-3.68	272	0.651	-3.73			
90	0.897	-0.94	182	0.658	-3.64	274	0.649	-3.76			

Preliminary, subject to final design and review.

TABULATED DATA FOR AZIMUTH PATTERN FCC FILING FORMAT

Type: AL-OC

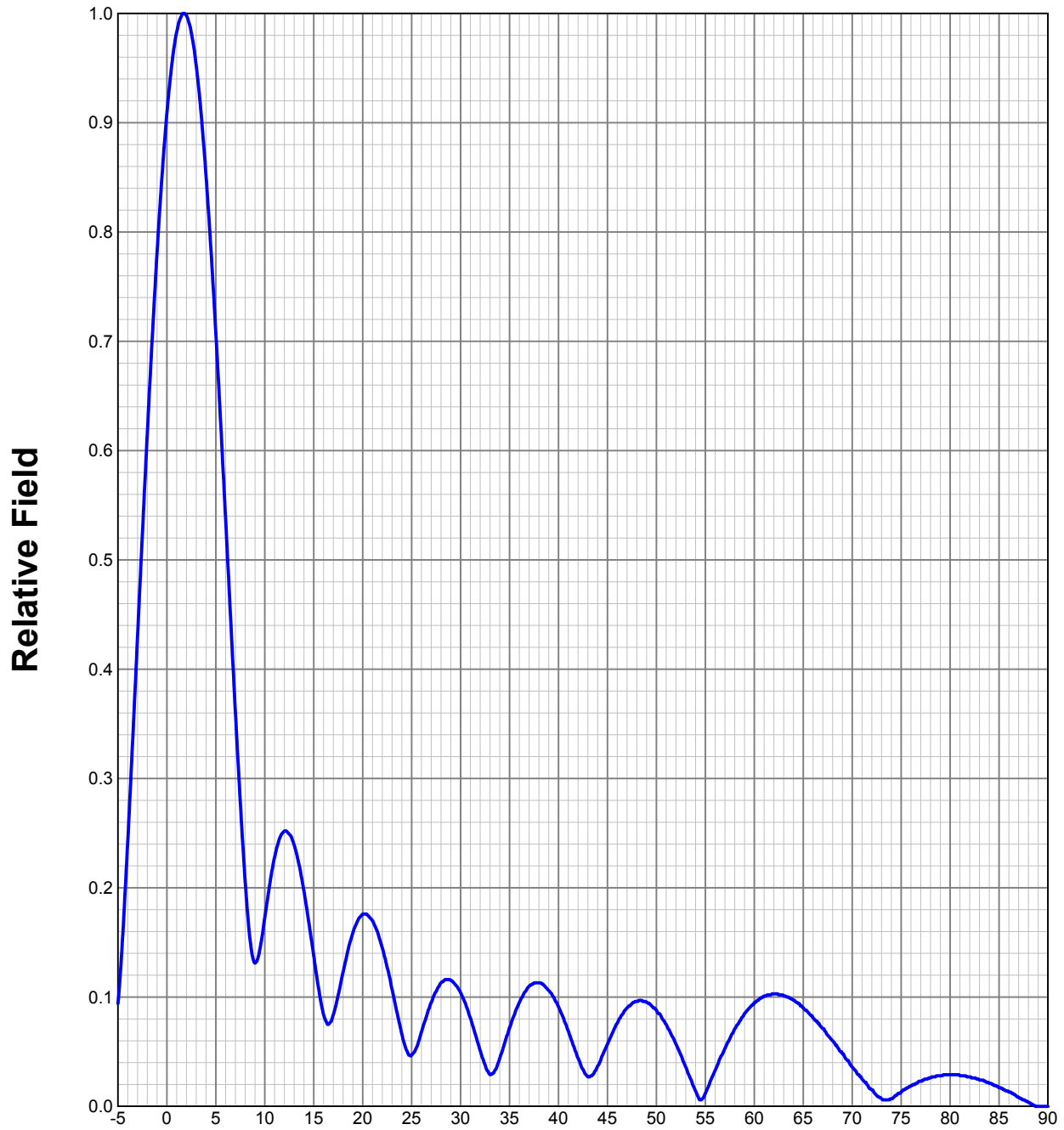
PolarizationHorizontal

ANGLE	FIELD	ERP (kW)	ERP (dBk)
0	0.897	7.738	8.886
10	0.936	8.425	9.256
20	0.966	8.974	9.530
30	0.986	9.350	9.708
40	0.998	9.578	9.813
50	0.998	9.578	9.813
60	0.987	9.368	9.717
70	0.966	8.974	9.530
80	0.936	8.425	9.256
90	0.897	7.738	8.886
100	0.853	6.997	8.449
110	0.805	6.232	7.946
120	0.758	5.526	7.424
130	0.714	4.903	6.904
140	0.679	4.434	6.468
150	0.655	4.126	6.155
160	0.643	3.976	5.995
170	0.644	3.988	6.008
180	0.655	4.126	6.155
190	0.670	4.317	6.352
200	0.687	4.539	6.569
210	0.700	4.712	6.732
220	0.707	4.807	6.819
230	0.707	4.807	6.819
240	0.700	4.712	6.732
250	0.687	4.539	6.569
260	0.670	4.317	6.352
270	0.655	4.126	6.155
280	0.644	3.988	6.008
290	0.644	3.988	6.008
300	0.655	4.126	6.155
310	0.678	4.421	6.455
320	0.714	4.903	6.904
330	0.757	5.511	7.412
340	0.805	6.232	7.946
350	0.853	6.997	8.449

Preliminary, subject to final design and review.

ELEVATION PATTERN

Type:	AL8		Channel:	26
Directivity:	Numeric	dBd	Location:	
Main Lobe:	8.68	9.39	Beam Tilt:	1.75
Horizontal:	7.17	8.56	Polarization:	Horizontal



Preliminary, subject to final design and review.

TVSTUDY INTERFERENCE ANALYSIS RESULTS
 PROPOSED WYBN-LD
 CHANNEL 26 – COBLESKILL, NEW YORK

Study created: 2022.11.30 11:00:29

Study build station data: LMS TV 2022-11-15

Proposal: WYBN-LD D26 LD LIC COBLESKILL, NY

File number: BLANK0000123807

Facility ID: 130304

Station data: User record

Record ID: 45

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	WWOR-TV	D25	DT	LIC	SECAUCUS, NJ	BLANK0000054140	212.8 km
No	WSKA	D25	DT	LIC	CORNING, NY	BLANK0000080258	257.5
No	WMHT	D25	DT	LIC	SCHENECTADY, NY	BLANK0000184994	0.3
No	WTVU-CD	D25	DC	LIC	SYRACUSE, NY	BLANK0000107995	182.1
No	W25AT-D	D25	LD	LIC	TUPPER LAKE, NY	BLDTT20110425ABT	174.4
No	WYOU	D25	LD	LIC	SCRANTON, PA	BLCDDT20091211ACN	160.8
No	WJAR	D25	DT	LIC	PROVIDENCE, RI	BLANK0000087546	239.6
No	W26EU-D	D26-	LD	LIC	BOSTON, MA	BLANK0000150613	231.2
Yes	WGGB-TV	D26	DT	LIC	SPRINGFIELD, MA	BLANK0000083684	119.7
No	WBFF	D26	DT	LIC	BALTIMORE, MD	BLANK0000136477	427.6
No	WMTW	D26	LD	LIC	POLAND SPRING, ME	BLCDDT20100423ABV	324.9
No	WYCU-LD	D26	LD	LIC	CHARLESTOWN, ETC., NH	BLDTL20121214ABJ	163.3
No	WQAV-CD	D26	DC	LIC	GLASSBORO, NJ	BLANK0000201734	305.4
Yes	WFUT-DT	D26	DT	LIC	NEWARK, NJ	BLANK0000177210	208.9
No	W26BF-D	D26-	LD	LIC	ELMIRA, NY	BLANK0000179256	235.2
No	W26BF-D	N26-	TX	LIC	ELMIRA, NY	BLTTL19960111AB	234.7
No	WYXN-LD	D26	LD	LIC	NEW YORK, NY	BLDTL20091123AAX	209.1
No	WNYJ-LD	N26-	TX	LIC	New York, NY	BLTTL20070223AHI	150.9
No	DW26CE	N26-	TX	APP	NEW YORK, NY	BLTTL20080306ABU	222.3
No	W26EP-D	D26	LD	LIC	POTSDAM, NY	BLANK0000152599	238.8
No	WGCE-CD	D26	DC	LIC	ROCHESTER, NY	BLANK0000116989	296.5
No	W26DC-D	D26	LD	LIC	ROSLYN, NY	BLDTT20140310ADR	205.1

Yes	WPBS-TV	D26	DT LIC	WATERTOWN, NY	BLANK0000081158	195.4
No	WYLN-LP	D26+	DC LIC	HAZLETON, PA	BLANK0000078812	244.9
No	W26CV-D	D26	LD LIC	MANSFIELD, PA	BLDTT20090810AAC	258.7
No	WNEP-TV	D26	LD LIC	SCRANTON, PA	BLANK0000119038	160.8
No	W26EQ-D	D26	LD LIC	STATE COLLEGE, PA	BLANK0000162843	386.0
No	WUNI	D27	DT LIC	MARLBOROUGH, MA	BLANK0000030092	208.0
No	WWAX-LD	D27	LD CP	WESTMORELAND, NH	BLANK0000201822	137.2
No	WWAX-LD	D27	LD LIC	WESTMORELAND, NH	BLANK0000196718	129.2
Yes	WNYT	D27	LD LIC	ALBANY, NY	BLANK0000155446	35.8
No	WIVT	D27	DT LIC	BINGHAMTON, NY	BLANK0000090477	170.8
No	WNYW	D27	DT LIC	NEW YORK, NY	BLANK0000079881	212.8
No	WMJQ-CD	D27	DC LIC	SYRACUSE, NY	BLANK0000121173	182.1
No	WYJH-LD	D27	LD LIC	WHITE LAKE, NY	BLANK0000193917	103.1
No	WOLF-TV	D27	LD LIC	HAZLETON, PA	BLANK0000155439	160.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D26

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: 15.0 kW

Antenna: ERI-AL8-26-PL CP (ID 1007414) 0.0 deg

Elev Pattn: Generic

Elec Tilt: 1.75

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	12.1 kW	472.1 m	63.7 km
45.0	15.0	497.0	65.8
90.0	12.1	503.4	64.6
135.0	7.28	435.1	59.2
180.0	6.44	203.9	46.9
225.0	7.50	122.8	42.6
270.0	6.44	253.6	49.7
315.0	7.27	215.3	48.2

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 338 m

Proposal 24.95 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

Study cell size: 1.00 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 26 – 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 15.0 kW (H, V), an antenna radiation center 39.6 meters above ground, and the specific elevation pattern for the proposed ERI AL8-26-PL antenna, maximum power density two meters above ground of 0.0073 mW/cm^2 is calculated to occur 20 meters northeast of the base of the tower. Since this is only 2.0 percent of the 0.36 mW/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 26 (542-548 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.