



**STATEMENT OF JOHN E. HIDLE, P.E.
IN SUPPORT OF AN APPLICATION FOR
A MODIFICATION OF CONSTRUCTION PERMIT
FILE NUMBER 0000195688 - FOR A NEW STATION
IN MB DOCKET NUMBER 21-155 RM-11900
NEW(TV) - Syracuse, New York
DTV - CH. 15 - 475 kW - 389 m HAAT**

Prepared for: WSTQ LICENSEE, LLC

I am a Consulting Engineer, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia. My education and experience are a matter of record with the Federal Communications Commission. I am a Licensed Professional Engineer in the Commonwealth of Virginia, No. 7418, and in New York State, No. 63418.

GENERAL

This office has been authorized by WSTQ LICENSEE, LLC, permittee for NEW(TV) channel 15, facility ID Number 776176, allotted to Syracuse, New York, to prepare this statement, FCC Form 2100, its technical sections, and the associated exhibits in support of an application for modification of its construction permit, file number 0000195688. The modification proposed in the instant application will relocate the station's transmission facility to a different tower support structure bearing registration number 1233154. This is the existing location of WSTM-TV, channel 19.

NON-DIRECTIONAL ANTENNA

The applicant intends to install a new Dielectric model TFU-24ETT/VP-R O4 elliptically polarized non-directional antenna at the WSTM-TV site. The antenna's center of radiation will be located at a height above ground of 254.6 meters, and a height above average terrain of 389 meters. The proposed antenna's vertical elevation pattern, showing

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NEW(TV) - Syracuse, New York
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its radiation characteristics above and below the horizontal plane are shown and tabulated in the antenna exhibit.

PREDICTED COVERAGE CONTOURS

The predicted coverage contours were calculated in accordance with the method described in Section 73.625(b) of the Rules, utilizing the appropriate F(50,90) propagation curves (47 CFR Section 73.699, Figure 9), proposed Effective Radiated Power, and antenna height above average terrain as determined for each profile radial. The average terrain on the eight cardinal radials from 3 kilometers to 16 kilometers from the site, was determined using the NED Three Second US Terrain Database as permitted in the FCC Rules. The antenna site elevation and coordinates were determined from FCC antenna registration data. The map exhibit shows the predicted Noise Limited (38.83 dBu) contour, and the principal community (48 dBu) contour which completely encompasses the principal community of license, Syracuse, New York.

ALLOCATION CONSIDERATIONS

Post-Transition DTV Considerations

A study was performed, using the FCC's software, *tvstudy* v2.2.5, to determine that the instant application for modification of construction permit will cause no new prohibited interference to DTV stations and/or Class A LPTV stations, construction permits or allotments. Results of the study predict no new interference greater than the 0.5% limit for new post-repack interference set forth in §73.616(e) of the Commission's Rules. The NEW(TV) site is located within coordination distance of the Canadian border at 96.4 kilometers, and more than 2,600 kilometers from the US-Mexican border.

BLANKETING AND INTERMODULATION INTERFERENCE

Other broadcast and non-broadcast facilities are either co-located with, or located within 10 kilometers of the proposed WSTM-TV site. The applicant does recognize its responsibility to remedy complaints of interference that might result from this proposal in accordance with applicable Rules.

RADIO FREQUENCY IMPACT, SAFETY & STATEMENT OF COMPLIANCE

The permittee of NEW(TV) - Ch 15 - Syracuse NY is committed to the protection of station personnel and/or tower contractors working in the vicinity of NEW's antenna and will reduce power or cease operation, when necessary, to ensure protection to personnel.

The proposed NEW channel 15 facility, as proposed herein, will operate with a maximum ERP of 475 kW from an elliptically polarized non-directional transmitting antenna with a centerline height of 254.6 meters above ground level (AGL). Considering the antenna's elevation pattern provided elsewhere in this submission, the vertical plane relative field factor is less than 0.15 at all depression angles greater than 9 degrees. The proposed NEW channel 15 facility is predicted to produce a worst-case power density at two meters above ground level, at 145.8 meters from the tower base, of $1.088 \mu\text{W}/\text{cm}^2$, which is 0.34% of the FCC guideline value of $319.33 \mu\text{W}/\text{cm}^2$ for an "uncontrolled" environment, and 0.068% of the FCC's guideline value for "controlled" environments. Therefore, pursuant to Section 1.1307(b)(3) of the FCC Rules, because the proposed facility would not exceed 5% of the uncontrolled and controlled exposure limits, the proposal's power density contribution is considered insignificant. Further, the Applicant will continue to cooperate/coordinate with other site users and reduce power and/or cease

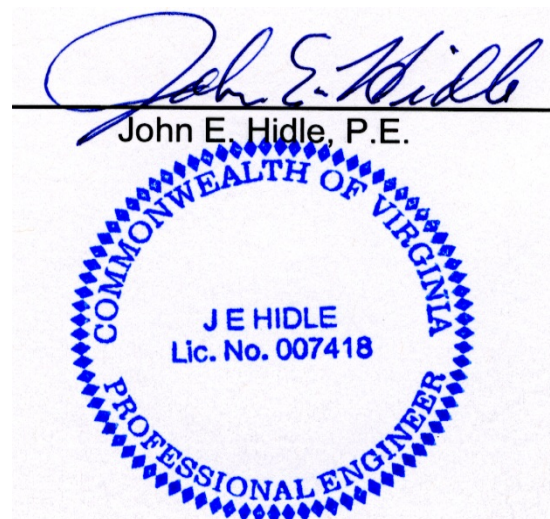
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operation during times of service or maintenance of the transmission systems as necessary to avoid potentially harmful exposure to personnel. In light of the above, the proposed facility should be categorically excluded from RF environmental processing under Section 1.1307(b) of the Commission's Rules.

SUMMARY

It is submitted that the instant application for a modification of construction permit, file number 0000195668, for NEW(TV), facility ID number 776176, to broadcast on channel 15, as described herein, complies with the Rules, Regulations and relevant Policies of the Federal Communications Commission. This statement was prepared by me, or under my direct supervision, and its contents are believed to be true and correct to the best of my knowledge and belief.

DATED: April 14, 2023





PREDICTED COVERAGE CONTOURS

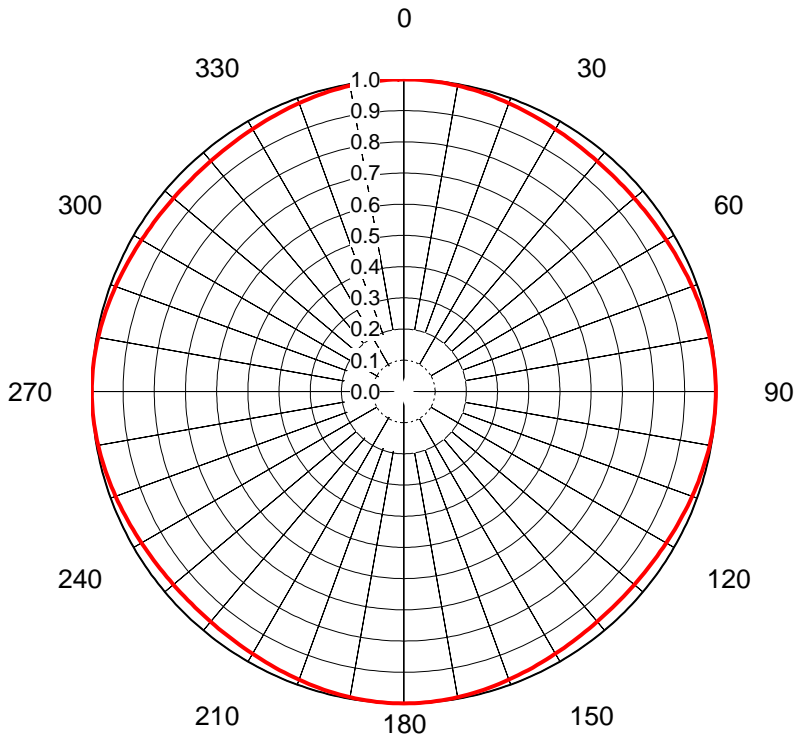
NEW - SYRACUSE, NEW YORK
DTV Channel 15 - 475 kW ERP - 389 M HAAT
MARCH, 2023

Predicted Noise Limited 38.83 dBu
F(50,90) Coverage Contour



Predicted Principal Community 48 dBu
F(50,90) Coverage Contour

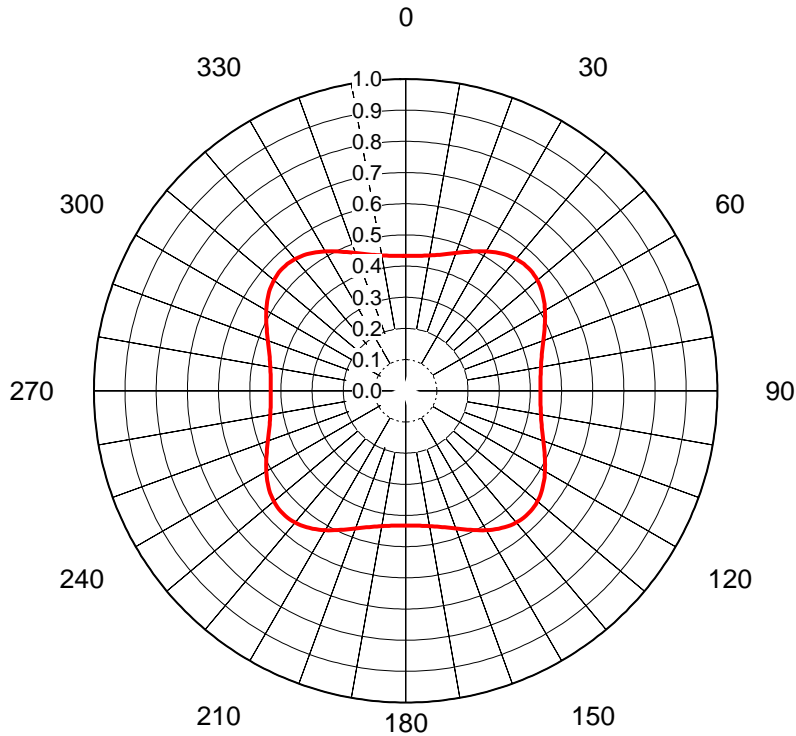
AZIMUTH PATTERN Horizontal Polarization



Proposal No. **c-80028-**
 Date **31-Mar-23**
 Call Letters **NEW**
 Channel **15**
 Frequency **479 MHz**
 Antenna Type **TFU-24ETT/VP-R O4**
 Gain **1.04 (0.17dB)**
 Calculated
 Circularity **+/- 1.0 dB**

Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value
0	1.000	36	0.966	72	0.986	108	0.986	144	0.966	180	1.000	216	0.966	252	0.986	288	0.986
1	1.000	37	0.965	73	0.987	109	0.985	145	0.966	181	1.000	217	0.965	253	0.987	289	0.985
2	1.000	38	0.965	74	0.988	110	0.983	146	0.967	182	1.000	218	0.965	254	0.988	290	0.983
3	1.000	39	0.964	75	0.990	111	0.982	147	0.968	183	1.000	219	0.964	255	0.990	291	0.982
4	0.999	40	0.964	76	0.991	112	0.981	148	0.969	184	0.999	220	0.964	256	0.991	292	0.981
5	0.999	41	0.963	77	0.992	113	0.979	149	0.970	185	0.999	221	0.963	257	0.992	293	0.979
6	0.998	42	0.963	78	0.993	114	0.978	150	0.971	186	0.998	222	0.963	258	0.993	294	0.978
7	0.998	43	0.963	79	0.994	115	0.977	151	0.972	187	0.998	223	0.963	259	0.994	295	0.977
8	0.997	44	0.963	80	0.995	116	0.976	152	0.973	188	0.997	224	0.963	260	0.995	296	0.976
9	0.996	45	0.963	81	0.996	117	0.974	153	0.974	189	0.996	225	0.963	261	0.996	297	0.974
10	0.995	46	0.963	82	0.997	118	0.973	154	0.976	190	0.995	226	0.963	262	0.997	298	0.973
11	0.994	47	0.963	83	0.998	119	0.972	155	0.977	191	0.994	227	0.963	263	0.998	299	0.972
12	0.993	48	0.963	84	0.998	120	0.971	156	0.978	192	0.993	228	0.963	264	0.998	300	0.971
13	0.992	49	0.963	85	0.999	121	0.970	157	0.979	193	0.992	229	0.963	265	0.999	301	0.970
14	0.991	50	0.964	86	0.999	122	0.969	158	0.981	194	0.991	230	0.964	266	0.999	302	0.969
15	0.990	51	0.964	87	1.000	123	0.968	159	0.982	195	0.990	231	0.964	267	1.000	303	0.968
16	0.988	52	0.965	88	1.000	124	0.967	160	0.983	196	0.988	232	0.965	268	1.000	304	0.967
17	0.987	53	0.965	89	1.000	125	0.966	161	0.985	197	0.987	233	0.965	269	1.000	305	0.966
18	0.986	54	0.966	90	1.000	126	0.966	162	0.986	198	0.986	234	0.966	270	1.000	306	0.966
19	0.985	55	0.966	91	1.000	127	0.965	163	0.987	199	0.985	235	0.966	271	1.000	307	0.965
20	0.983	56	0.967	92	1.000	128	0.965	164	0.988	200	0.983	236	0.967	272	1.000	308	0.965
21	0.982	57	0.968	93	1.000	129	0.964	165	0.990	201	0.982	237	0.968	273	1.000	309	0.964
22	0.981	58	0.969	94	0.999	130	0.964	166	0.991	202	0.981	238	0.969	274	0.999	310	0.964
23	0.979	59	0.970	95	0.999	131	0.963	167	0.992	203	0.979	239	0.970	275	0.999	311	0.963
24	0.978	60	0.971	96	0.998	132	0.963	168	0.993	204	0.978	240	0.971	276	0.998	312	0.963
25	0.977	61	0.972	97	0.998	133	0.963	169	0.994	205	0.977	241	0.972	277	0.998	313	0.963
26	0.976	62	0.973	98	0.997	134	0.963	170	0.995	206	0.976	242	0.973	278	0.997	314	0.963
27	0.974	63	0.974	99	0.996	135	0.963	171	0.996	207	0.974	243	0.974	279	0.996	315	0.963
28	0.973	64	0.976	100	0.995	136	0.963	172	0.997	208	0.973	244	0.975	280	0.995	316	0.963
29	0.972	65	0.977	101	0.994	137	0.963	173	0.998	209	0.972	245	0.977	281	0.994	317	0.963
30	0.971	66	0.978	102	0.993	138	0.963	174	0.998	210	0.971	246	0.978	282	0.993	318	0.963
31	0.970	67	0.979	103	0.992	139	0.963	175	0.999	211	0.970	247	0.979	283	0.992	319	0.963
32	0.969	68	0.981	104	0.991	140	0.964	176	0.999	212	0.969	248	0.981	284	0.991	320	0.964
33	0.968	69	0.982	105	0.990	141	0.964	177	1.000	213	0.968	249	0.982	285	0.990	321	0.964
34	0.967	70	0.983	106	0.988	142	0.965	178	1.000	214	0.967	250	0.983	286	0.988	322	0.965
35	0.966	71	0.985	107	0.987	143	0.965	179	1.000	215	0.966	251	0.985	287	0.987	323	0.965

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AZIMUTH PATTERN Vertical Polarization

Proposal No. **c-80028-**
 Date **31-Mar-23**
 Call Letters **NEW**
 Channel **15**
 Frequency **479 MHz**
 Antenna Type **TFU-24ETT/VP-R O4**
 Gain **1.29 (1.12dB)**
 Calculated
 Circularity **+/- 2.0 dB**

Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value
0	0.433	36	0.541	72	0.462	108	0.462	144	0.541	180	0.433	216	0.541	252	0.462	288	0.462
1	0.433	37	0.544	73	0.459	109	0.466	145	0.537	181	0.433	217	0.544	253	0.459	289	0.466
2	0.433	38	0.547	74	0.456	110	0.470	146	0.533	182	0.433	218	0.547	254	0.456	290	0.470
3	0.433	39	0.550	75	0.453	111	0.474	147	0.529	183	0.433	219	0.550	255	0.453	291	0.474
4	0.434	40	0.552	76	0.450	112	0.479	148	0.525	184	0.434	220	0.552	256	0.450	292	0.479
5	0.434	41	0.554	77	0.447	113	0.483	149	0.521	185	0.434	221	0.554	257	0.447	293	0.483
6	0.435	42	0.555	78	0.445	114	0.488	150	0.516	186	0.435	222	0.555	258	0.445	294	0.488
7	0.436	43	0.556	79	0.443	115	0.492	151	0.511	187	0.436	223	0.556	259	0.443	295	0.492
8	0.438	44	0.557	80	0.441	116	0.497	152	0.507	188	0.438	224	0.557	260	0.441	296	0.497
9	0.439	45	0.557	81	0.439	117	0.502	153	0.502	189	0.439	225	0.557	261	0.439	297	0.502
10	0.441	46	0.557	82	0.438	118	0.507	154	0.497	190	0.441	226	0.557	262	0.438	298	0.507
11	0.443	47	0.556	83	0.436	119	0.511	155	0.492	191	0.443	227	0.556	263	0.436	299	0.511
12	0.445	48	0.555	84	0.435	120	0.516	156	0.488	192	0.445	228	0.555	264	0.435	300	0.516
13	0.447	49	0.554	85	0.434	121	0.521	157	0.483	193	0.447	229	0.554	265	0.434	301	0.521
14	0.450	50	0.552	86	0.434	122	0.525	158	0.479	194	0.450	230	0.552	266	0.434	302	0.525
15	0.453	51	0.550	87	0.433	123	0.529	159	0.474	195	0.453	231	0.550	267	0.433	303	0.529
16	0.456	52	0.547	88	0.433	124	0.533	160	0.470	196	0.456	232	0.547	268	0.433	304	0.533
17	0.459	53	0.544	89	0.433	125	0.537	161	0.466	197	0.459	233	0.544	269	0.433	305	0.537
18	0.462	54	0.541	90	0.433	126	0.541	162	0.462	198	0.462	234	0.541	270	0.433	306	0.541
19	0.466	55	0.537	91	0.433	127	0.544	163	0.459	199	0.466	235	0.537	271	0.433	307	0.544
20	0.470	56	0.533	92	0.433	128	0.547	164	0.456	200	0.470	236	0.533	272	0.433	308	0.547
21	0.474	57	0.529	93	0.433	129	0.550	165	0.453	201	0.474	237	0.529	273	0.433	309	0.550
22	0.479	58	0.525	94	0.434	130	0.552	166	0.450	202	0.479	238	0.525	274	0.434	310	0.552
23	0.483	59	0.521	95	0.434	131	0.554	167	0.447	203	0.483	239	0.521	275	0.434	311	0.554
24	0.488	60	0.516	96	0.435	132	0.555	168	0.445	204	0.488	240	0.516	276	0.435	312	0.555
25	0.492	61	0.511	97	0.436	133	0.556	169	0.443	205	0.492	241	0.511	277	0.436	313	0.556
26	0.497	62	0.507	98	0.438	134	0.557	170	0.441	206	0.497	242	0.507	278	0.438	314	0.557
27	0.502	63	0.502	99	0.439	135	0.557	171	0.439	207	0.502	243	0.502	279	0.439	315	0.557
28	0.507	64	0.497	100	0.441	136	0.557	172	0.438	208	0.507	244	0.497	280	0.441	316	0.557
29	0.511	65	0.492	101	0.443	137	0.556	173	0.436	209	0.511	245	0.492	281	0.443	317	0.556
30	0.516	66	0.488	102	0.445	138	0.555	174	0.435	210	0.516	246	0.488	282	0.445	318	0.555
31	0.521	67	0.483	103	0.447	139	0.554	175	0.434	211	0.521	247	0.483	283	0.447	319	0.554
32	0.525	68	0.479	104	0.450	140	0.552	176	0.434	212	0.525	248	0.479	284	0.450	320	0.552
33	0.529	69	0.474	105	0.453	141	0.550	177	0.433	213	0.529	249	0.474	285	0.453	321	0.550
34	0.533	70	0.470	106	0.456	142	0.547	178	0.433	214	0.533	250	0.470	286	0.456	322	0.547
35	0.537	71	0.466	107	0.459	143	0.544	179	0.433	215	0.537	251	0.466	287	0.459	323	0.544

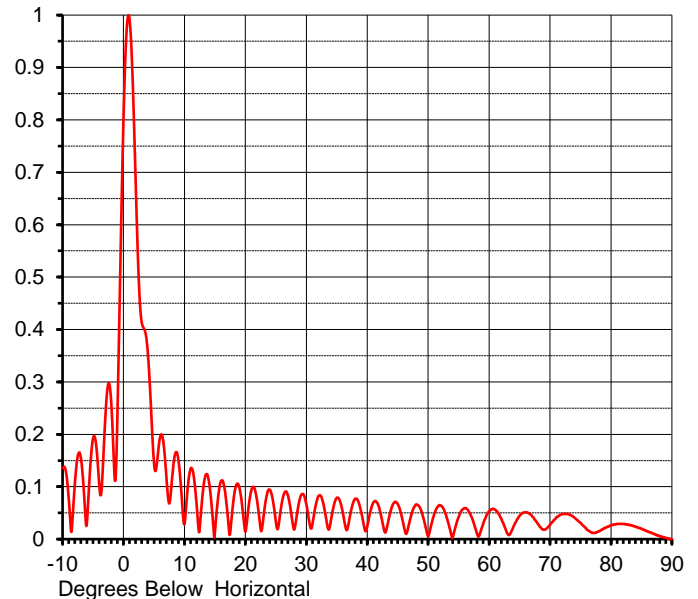
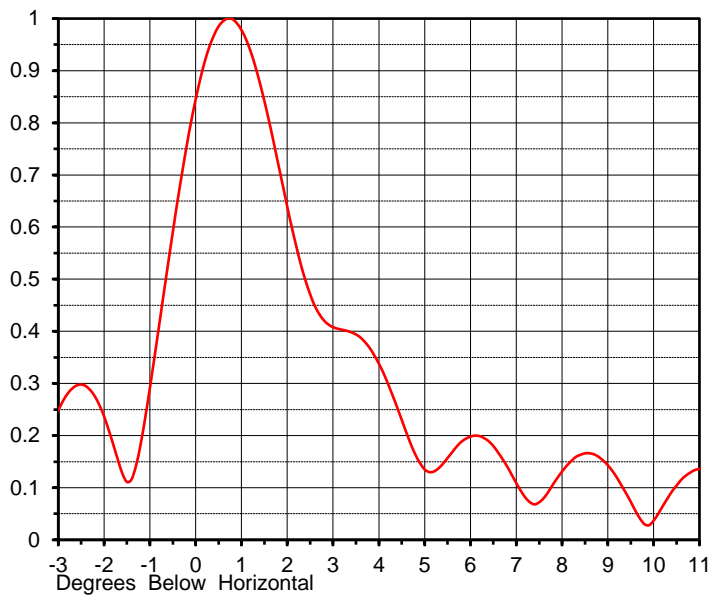
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ELEVATION PATTERN

Proposal No. **c-80028-**
 Date **31-Mar-23**
 Call Letters **NEW**
 Channel **15**
 Frequency **479 MHz**
 Antenna Type **TFU-24ETT/VP-R 04**

RMS Directivity at Main Lobe **20.0 (13.01 dB)**
 RMS Directivity at Horizontal **14.3 (11.55 dB)**
Calculated

Beam Tilt **0.75 deg**
 Pattern Number **24E200075**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.135	10.0	0.037	30.0	0.061	50.0	0.008	70.0	0.029
-9.0	0.064	11.0	0.136	31.0	0.035	51.0	0.051	71.0	0.042
-8.0	0.118	12.0	0.051	32.0	0.083	52.0	0.064	72.0	0.048
-7.0	0.147	13.0	0.098	33.0	0.050	53.0	0.039	73.0	0.047
-6.0	0.050	14.0	0.104	34.0	0.040	54.0	0.006	74.0	0.040
-5.0	0.196	15.0	0.027	35.0	0.079	55.0	0.045	75.0	0.030
-4.0	0.093	16.0	0.112	36.0	0.044	56.0	0.059	76.0	0.018
-3.0	0.248	17.0	0.045	37.0	0.040	57.0	0.043	77.0	0.012
-2.0	0.237	18.0	0.079	38.0	0.077	58.0	0.008	78.0	0.015
-1.0	0.291	19.0	0.094	39.0	0.047	59.0	0.032	79.0	0.022
0.0	0.845	20.0	0.019	40.0	0.030	60.0	0.054	80.0	0.027
1.0	0.978	21.0	0.097	41.0	0.071	61.0	0.055	81.0	0.029
2.0	0.639	22.0	0.058	42.0	0.053	62.0	0.036	82.0	0.029
3.0	0.408	23.0	0.054	43.0	0.016	63.0	0.009	83.0	0.027
4.0	0.338	24.0	0.093	44.0	0.063	64.0	0.026	84.0	0.023
5.0	0.135	25.0	0.026	45.0	0.065	65.0	0.046	85.0	0.019
6.0	0.198	26.0	0.076	46.0	0.020	66.0	0.051	86.0	0.014
7.0	0.109	27.0	0.078	47.0	0.040	67.0	0.043	87.0	0.010
8.0	0.131	28.0	0.021	48.0	0.066	68.0	0.028	88.0	0.005
9.0	0.143	29.0	0.083	49.0	0.045	69.0	0.018	89.0	0.002
								90.0	0.000

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NEW

Channel 15 - Syracuse, New York

ERP = 475000.00 WATTS

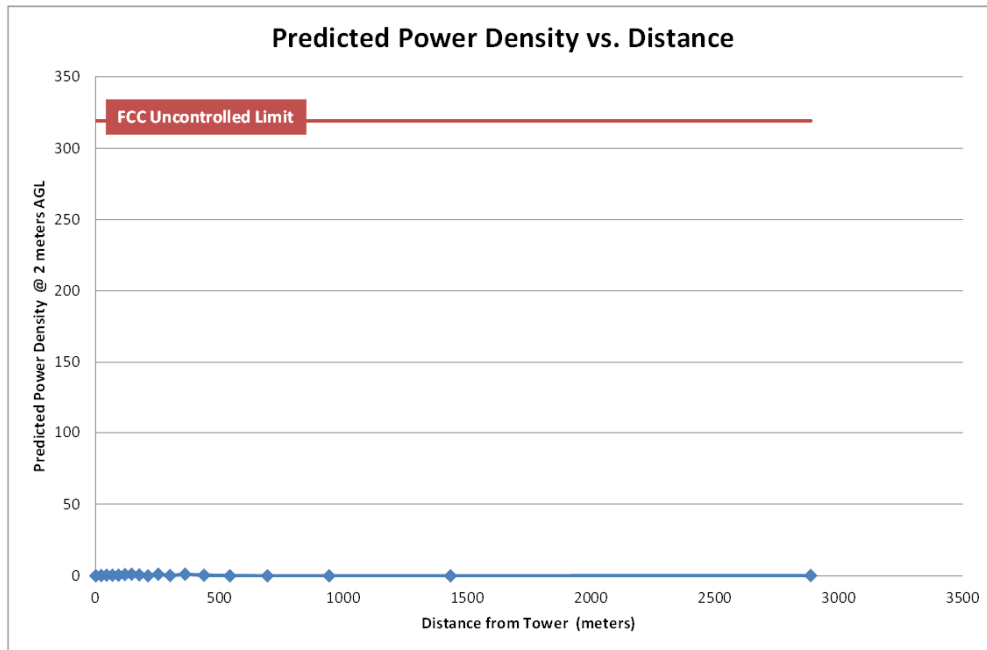
APPENDIX A

Maximum ERP 475 kW

Polarization ----- 2 Circular
Antenna Height Above Ground -- 254.6 meters 835.3 feet
FCC Uncontrolled RFR Limit ---- 319.33 $\mu\text{W}/\text{cm}^2$

Maximum Computed Power Density 1.088 $\mu\text{W}/\text{cm}^2$
0.34% of limit

Angle Below Horizontal (degrees)	<Point X> Horiz Distance from tower to 2 m AGL (meters)	Slant Distance from antenna to Point X (meters)	Vertical Pattern (REL. FIELD)	NEW ERP (kW)	NEW Calculated Power Density $\mu\text{W}/\text{cm}^2$	Percent Limit	Limit Exceeded?
0			0.978	454.3299			
5	2887.2	2898.3	0.135	8.6569	0.069	0.02%	No
10	1432.6	1454.7	0.037	0.6503	0.021	0.01%	No
15	942.7	976.0	0.027	0.3463	0.024	0.01%	No
20	694.0	738.6	0.019	0.1715	0.021	0.01%	No
25	541.7	597.7	0.026	0.3211	0.060	0.02%	No
30	437.5	505.2	0.061	1.7675	0.463	0.14%	No
35	360.8	440.4	0.079	2.9645	1.021	0.32%	No
40	301.0	393.0	0.030	0.4275	0.185	0.06%	No
45	252.6	357.2	0.065	2.0069	1.051	0.33%	No
50	212.0	329.7	0.008	0.0304	0.019	0.01%	No
55	176.9	308.4	0.045	0.9619	0.676	0.21%	No
60	145.8	291.7	0.054	1.3851	1.088	0.34%	No
65	117.8	278.7	0.046	1.0051	0.864	0.27%	No
70	91.9	268.8	0.029	0.3995	0.369	0.12%	No
75	67.7	261.5	0.030	0.4275	0.418	0.13%	No
80	44.5	256.5	0.027	0.3463	0.352	0.11%	No
85	22.1	253.6	0.019	0.1715	0.178	0.06%	No
90	0.0	252.6	0.000	0.0000	0.000	0.00%	No





NEW - SYRACUSE, NEW YORK

APRIL 2023

APPENDIX B

Longley-Rice Interference Analysis

tvstudy v2.2.5 (4uoc83)
 Database: localhost, Study: NEW 15 Syracuse NY 685p6C 389H, Model: Longley-Rice
 Start: 2023.04.11 09:23:37

Study created: 2023.04.11 09:23:37

Study build station data: LMS TV 2023-04-11

Proposal: NEW D15 DT APP SYRACUSE, NY
 File number: NEW 15 Syracuse NY 685p6C 389H
 Facility ID: 776176
 Station data: User record
 Record ID: 90
 Country: U.S.
 Zone: I

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

Search options:
 Non-U.S. records included
 Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	WSYT	D14	DT	LIC	SYRACUSE, NY	BLANK0000086898	9.7 km
No	WGME-TV	D15	DT	LIC	PORTLAND, ME	BLANK0000080225	467.0
Yes	WBNF-CD	D15	DC	LIC	BUFFALO, NY	BLDTA20111130LWW	228.6
Yes	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	278.9
No	WFDC-DT	D15	DT	LIC	ARLINGTON, VA	BLANK0000041206	452.4
No	WNYO-TV	D16	DT	LIC	BUFFALO, NY	BLANK0000136976	228.6
No	WFNY-CD	D16	DC	LIC	GLOVERSVILLE, NY	BLANK0000068459	143.1
No	WNY5-CD	D16	DC	LIC	ITHACA, NY	BLANK0000001083	65.1
Yes	CHCH-DT	D15	DT	BL	HAMILTON, ON	DTVBL703899	298.2
Yes	CITS-DT-1	D15	DT	BL	OTTAWA, ON	DTVBL703933	256.4
No	CKMI-DT-1	D15	DT	BL	MONTRAL, QC	DTVBL704006	348.5
No	CJOH-TV-6	D16	DT	LIC	DESERONTO, ON	BLANKCANADA170	153.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D15
 Latitude: 42 56 41.80 N (NAD83)
 Longitude: 76 7 6.20 W
 Height AMSL: 686.5 m
 HAAT: 389.0 m
 Peak ERP: 475 kW
 Antenna: Omnidirectional
 Elev Pattn: Generic
 Elec Tilt: 0.75

38.8 dBu contour:

Appendix B - Interference Analysis
NEW - Syracuse, New York
Channel 15 -475 kW - Page 2

Azimuth	ERP	HAAT	Distance
0.0 deg	475 kW	500.0 m	112.2 km
45.0	475	487.5	111.2
90.0	475	336.3	98.4
135.0	475	279.1	91.5
180.0	475	287.0	92.8
225.0	475	335.9	98.4
270.0	475	436.1	106.9
315.0	475	452.2	108.3

****Proposal is within coordination distance of Canadian border**
Distance to Canadian border: 94.0 km

Distance to Mexican border: 2667.6 km

Conditions at FCC monitoring station: Canandaigua NY
Bearing: 268.2 degrees Distance: 93.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 272.6 degrees Distance: 2428.7 km

No land mobile station failures found

Study cell size: 2.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

Interference to BLANK0000086898 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSYT	D14	DT	LIC	SYRACUSE, NY	BLANK0000086898	
Undesireds:	NEW	D15	DT	APP	SYRACUSE, NY	NEW 15 Syracuse NY 685	9.7 km
	WPTZ	D14	DT	LIC	PLATTSBURGH, NY	BLANK0000058609	327.6
	CITS-DT	D14	DT	BL	HAMILTON, ON	DTVBL703901	292.6
	CIIT-DT-6	D14	DT	LIC	OTTAWA, ON	BLANKCANADA198	292.8
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
34702.7	1,970,721	32344.0	1,739,071	31976.2	1,730,035	31760.8	0.67 0.50
120.4	0	120.4	0	120.4	0	120.4	0.00 0.00 (in
Canada)							
Undesired				Total IX	Unique IX, before	Unique IX, after	
NEW D15 DT APP				215.4	8,648	215.4	8,648
WPTZ D14 DT LIC				155.7	2,361	92.0	1,691
CITS-DT D14 DT BL				59.9	4,726	59.9	4,726
CIIT-DT-6 D14 DT LIC				215.9	2,619	152.1	1,949

Interference to BLDTA20111130LWW LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WBNF-CD	D15	DC	LIC	BUFFALO, NY	BLDTA20111130LWW	
Undesireds:	NEW	D15	DT	APP	SYRACUSE, NY	NEW 15 Syracuse NY 685	228.6 km
	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLDT20130614ACC	215.3
	WNYO-TV	D16	DT	LIC	BUFFALO, NY	BLANK0000136976	0.0
	CITS-DT	D14	DT	BL	HAMILTON, ON	DTVBL703901	71.5
	CHCH-DT	D15	DT	BL	HAMILTON, ON	DTVBL703899	71.5
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
4092.4	1,067,640	4076.3	1,066,331	1887.7	888,659	1887.7	0.00 0.00
315.7	29,288	315.7	29,288	151.9	18,968	151.9	0.00 0.00 (in

Appendix B - Interference Analysis
NEW - Syracuse, New York
Channel 15 -475 kW - Page 3

Canada)

Undesired		Total IX	Unique IX, before	Unique IX, after	
NEW D15 DT APP	4.0	2	0.0	0	
WPSU-TV D15 DD LIC	23.8	454	0.0	0	
WNYO-TV D16 DT LIC	483.2	42,687	91.9	5,113	
WNYO-TV D16 DT LIC	107.9	2,565	0.0	0	(in Canada)
CITS-DT D14 DT BL	4.0	2	0.0	0	
CHCH-DT D15 DT BL	2096.7	172,559	1685.6	134,533	
CHCH-DT D15 DT BL	163.9	10,320	56.0	7,755	(in Canada)

Interference to BLEDT20130614ACC LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	
Undesireds:	NEW	D15	DT	APP	SYRACUSE, NY	NEW 15 Syracuse NY 685	278.9 km
	WBNF-CD	D15	DC	LIC	BUFFALO, NY	BLDTA20111130LWW	215.3
	WEWS-TV	D15	DT	LIC	CLEVELAND, OH	BLCDT20091211ACS	275.2
	WFDC-DT	D15	DT	LIC	ARLINGTON, VA	BLANK0000041206	268.8
	WVPT	D15	DT	CP	STAUNTON, VA	BLANK0000149712	337.1
	WINP-TV	D16	DT	LIC	PITTSBURGH, PA	BLANK0000098050	148.5
	CHCH-DT	D15	DT	BL	HAMILTON, ON	DTVBL703899	256.5
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
36299.1	1,055,133	32592.1	868,013	31603.5	840,003	31458.8	839,216 0.46 0.09

Undesired		Total IX	Unique IX, before	Unique IX, after	
NEW D15 DT APP	180.9	873	144.6	787	
WBNF-CD D15 DC LIC	12.0	105	4.0	6	
WEWS-TV D15 DT LIC	522.3	11,079	434.2	9,533	
WFDC-DT D15 DT LIC	410.1	16,438	382.1	15,828	
WVPT D15 DT CP	12.1	69	12.1	69	
WINP-TV D16 DT LIC	59.9	1,290	24.0	680	
CHCH-DT D15 DT BL	72.3	674	40.2	348	

Interference to DTVBL703899 BL scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	CHCH-DT	D15	DT	BL	HAMILTON, ON	DTVBL703899	
Undesireds:	NEW	D15	DT	APP	SYRACUSE, NY	NEW 15 Syracuse NY 685	298.2 km
	WDCQ-TV	D15	DT	LIC	BAD AXE, MI	BLEDT20030922ABG	316.1
	WBNF-CD	D15	DC	LIC	BUFFALO, NY	BLDTA20111130LWW	71.5
	WEWS-TV	D15	DT	LIC	CLEVELAND, OH	BLCDT20091211ACS	259.0
	WNYO-TV	D16	DT	LIC	BUFFALO, NY	BLANK0000136976	71.5
	CITY-DT-2	D16	DT	LIC	WOODSTOCK, ON	BLANKCANADA246	82.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
2201.8	299,103	2201.8	299,103	1442.0	95,927	1442.0	95,927 0.00 0.00 (in U.S.)
18217.3	7,200,013	18133.0	7,182,713	17837.4	7,154,247	17833.4	7,154,247 0.02 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after	
NEW D15 DT APP	4.0	0	4.0	0	
WDCQ-TV D15 DT LIC	4.0	0	0.0	0	
WBNF-CD D15 DC LIC	759.8	203,176	608.4	61,130	(in U.S.)
WBNF-CD D15 DC LIC	255.8	26,772	143.9	9,228	
WEWS-TV D15 DT LIC	39.8	1,694	31.8	1,694	
WNYO-TV D16 DT LIC	151.5	142,046	0.0	0	(in U.S.)
WNYO-TV D16 DT LIC	111.9	17,544	0.0	0	
CITY-DT-2 D16 DT LIC	8.0	0	0.0	0	

Interference to DTVBL703933 BL scenario 1

Appendix B - Interference Analysis
NEW - Syracuse, New York
Channel 15 -475 kW - Page 4

Desired:	Call CITS-DT-1	Chan D15	Svc DT	Status BL	City, State OTTAWA, ON	File Number DTVBL703933	Distance			
Undesireds:	NEW	D15	DT	APP	SYRACUSE, NY	NEW 15 Syracuse NY 685	256.4 km			
	CIII-DT-6	D14	DT	LIC	OTTAWA, ON	BLANKCANADA198	38.9			
	CKMI-DT-1	D15	DT	BL	MONTRAL, QC	DTVBL704006	157.3			
	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
866.1	36,983		866.1		36,983		866.1	36,983	0.00	0.00 (in
U.S.)										
10560.6	1,378,448	10401.3	1,376,995	10073.6	1,371,275	10069.7	1,371,275	0.04	0.00	
Undesired				Total IX	Unique IX, before		Unique IX, after			
NEW D15 DT APP				12.0	0		4.0		0	
CIII-DT-6 D14 DT LIC				295.5	5,202		283.5		5,202	
CKMI-DT-1 D15 DT BL				36.2	518		32.2		518	

Interference to proposal scenario 1

3.05% interference received **Applicant accepts the predicted received interference.**

	Call	Chan	Svc	Status	City, State	File Number	Distance	
Desired:	NEW	D15	DT	APP	SYRACUSE, NY	NEW 15 Syracuse NY 685		
Undesireds:	WSYT	D14	DT	LIC	SYRACUSE, NY	BLANK0000086898	9.7 km	
	WBNF-CD	D15	DC	LIC	BUFFALO, NY	BLDTA20111130LWW	228.6	
	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	278.9	
	WFNY-CD	D16	DC	LIC	GLOVERSVILLE, NY	BLANK0000068459	143.1	
	WNYS-CD	D16	DC	LIC	ITHACA, NY	BLANK0000001083	65.1	
	CHCH-DT	D15	DT	BL	HAMILTON, ON	DTVBL703899	298.2	
	CITS-DT-1	D15	DT	BL	OTTAWA, ON	DTVBL703933	256.4	
	CJOH-TV-6	D16	DT	LIC	DESERONTO, ON	BLANKCANADA170	153.8	
	Service area		Terrain-limited		IX-free		Percent IX	
32808.7	1,652,227		30732.3		1,532,344		29859.7	1,485,542
386.0	0		386.0		0		0.00	0.00 (in Canada)

Undesired			Total IX		Unique IX		Prcnt Unique IX	
WSYT D14 DT LIC			447.5		26,277		435.6	
WBNF-CD D15 DC LIC			4.0		215		0.0	
WPSU-TV D15 DD LIC			204.0		6,040		192.0	
WFNY-CD D16 DC LIC			12.0		100		12.0	
WNYS-CD D16 DC LIC			32.2		12,297		32.2	
CHCH-DT D15 DT BL			4.0		215		0.0	
CITS-DT-1 D15 DT BL			136.7		992		128.6	
CJOH-TV-6 D16 DT LIC			60.3		1,658		52.2	
							1,538	
							0.17	
							0.10	