

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of RADIANT LIFE MINISTRIES, INC., licensee of full-power television station WNYB-DT, Channel 5 in Jamestown, New York, in support of this amendment to its pending Application for Construction Permit for a new digital replacement translator (DRT) on Channel 27 in Buffalo, New York [LMS-0000181196]. This DRT is requested due to loss of service experienced by WNYB-DT since it constructed its new repack facility on a low-band VHF channel. Prior to the repack, WNYB-DT operated on Channel 26 and placed a viewable signal in the area surrounding Buffalo, New York. Specific complaints of interference to the reception of WNYB-DT on Channel 5 by viewers and Multichannel Video Programming Distributors in the Buffalo area are provided in the attached appendix. The purpose of this amendment is to specify a change in antenna make and model as well as an increase in effective radiated power. No change in transmitter site location or antenna height from that originally proposed is specified herein.

It is now proposed to mount a Dielectric TUM-C1-02/02M-T elliptically-polarized directional antenna at the 243.8-meter level of an existing 338.6-meter communications tower located northwest of Buffalo, New York. The proposed effective radiated power for the facility is 15.0 kW in the horizontal plane. Exhibit B is a map upon which we have plotted the revised predicted 51 dBu service contour of the proposed DRT facility in Buffalo. In Exhibit C, we provide a map on which the service contour of the WNYB-DT repack allotment facility on Channel 5 is plotted in relation to the proposed service contour of the DRT facility. As shown the contour from the proposed Buffalo Channel 27 DRT facility is completely contained within the service contour of the WNYB-DT repack allotment facility, as required by FCC Rules.

Elevation and azimuth pattern data for the proposed Dielectric antenna appear in Exhibit D. Exhibit E contains the summary results from a TVStudy interference study, which was conducted using a cell size and increment spacing of 1.0 kilometer. It concludes that the proposed WNYB-DT digital replacement translator facility meets the Commission's *de minimis* interference criteria to all co-channel and adjacent-channel post-repack full-power and Class A and LPTV/translator facilities. We have also conducted an interference study with respect to Canadian facilities of concern. The results of our V-Soft Probe 4 study reveals no significant interference from the facility proposed herein to Canadian viewers of CJMT-DT on Channel 26 in Toronto, Ontario, and CIII-DT on Channel 27 in Peterborough, Ontario.

A detailed power density calculation is provided in Exhibit F.

Since no change in the overall height or location of the existing communications tower is proposed herein, the Federal Aviation Administration has not been notified of this application. In addition, the Federal Communications Commission issued Antenna Structure Registration Number 1019110 to this tower.

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 initial "K" and a long horizontal stroke at the end.

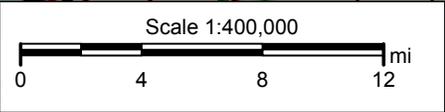
April 12, 2021

KEVIN T. FISHER

**CONTOUR POPULATION
2018 U.S. CENSUS DATA
1,028,843 (483,937 HH)**



**FCC 51 DBU
SERVICE CONTOUR**



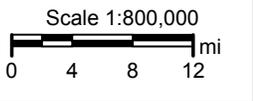
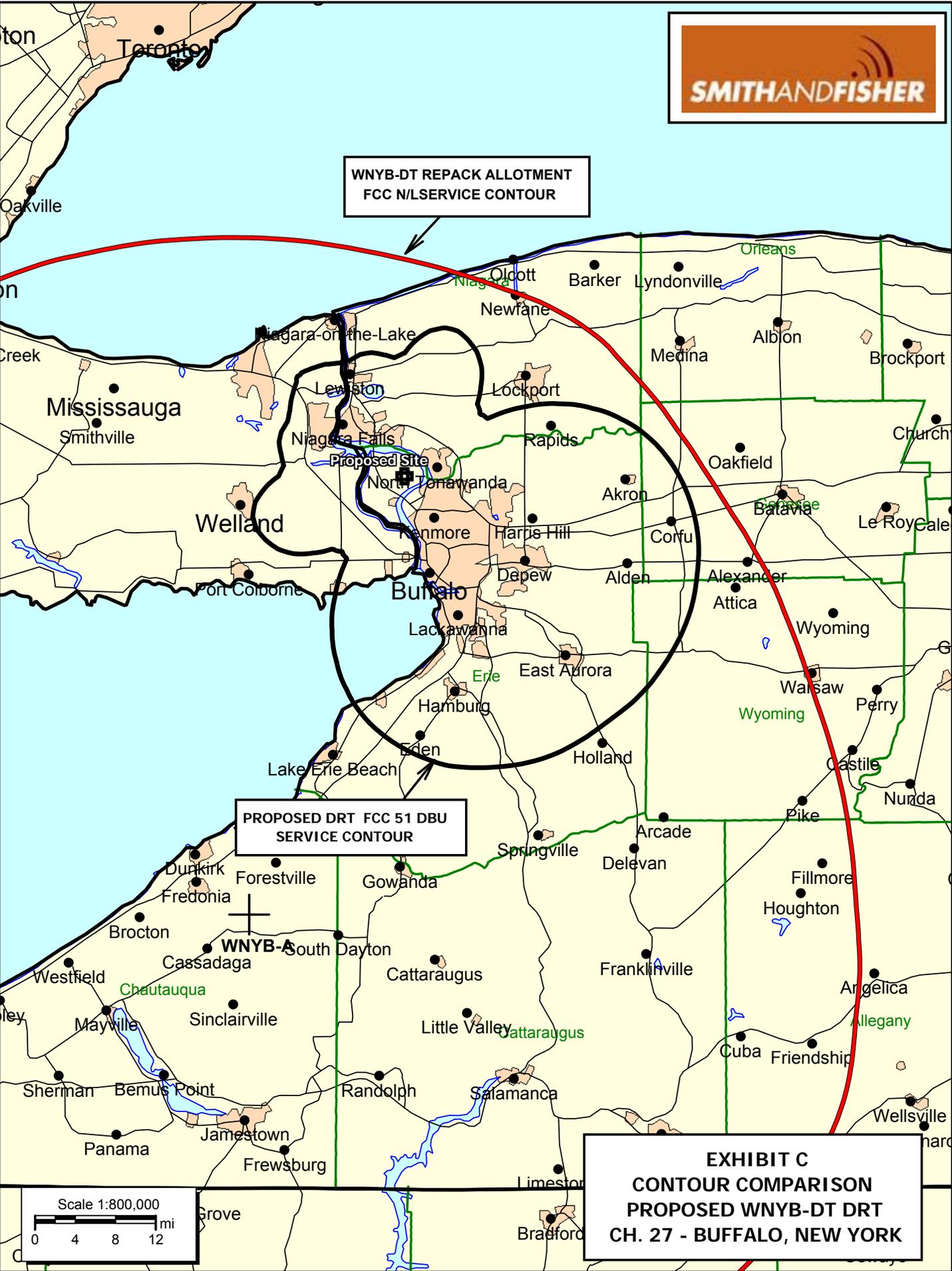
**EXHIBIT B
PREDICTED SERVICE CONTOUR
PROPOSED WNYB-DT DRT
CH. 27 - BUFFALO, NEW YORK**

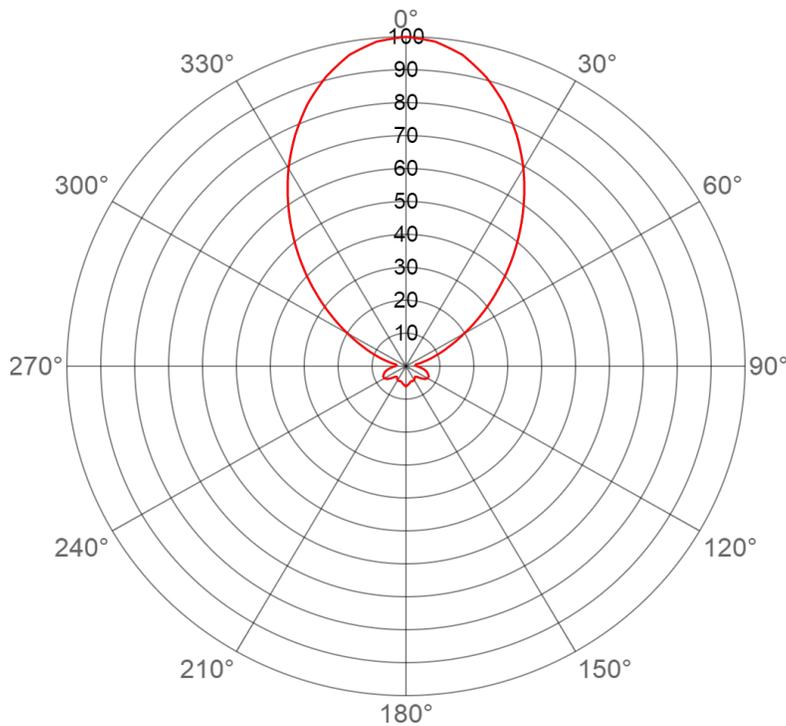


WNYB-DT REPACK ALLOTMENT
FCC N/LSERVICE CONTOUR

PROPOSED DRT FCC 51 DBU
SERVICE CONTOUR

EXHIBIT C
CONTOUR COMPARISON
PROPOSED WNYB-DT DRT
CH. 27 - BUFFALO, NEW YORK





Horizontal Polarization AZIMUTH PATTERN

Exhibit No. **D**
 Date **10 Sep 2020**
 Call Letters **WNYB-DT DRT**
 Channel **27**
 Antenna Type **TUM-TU-02/02M-T**
 Location **Buffalo, New York**
 Customer

Gain **5.8 (7.67 dB)**
Calculated
 Drawing # **TUM-C1B**

Deg	Value																		
0	1.000	36	0.589	72	0.079	108	0.067	144	0.044	180	0.062	216	0.044	252	0.067	288	0.079	324	0.589
1	0.998	37	0.571	73	0.071	109	0.068	145	0.045	181	0.061	217	0.044	253	0.066	289	0.086	325	0.606
2	0.996	38	0.554	74	0.064	110	0.069	146	0.046	182	0.060	218	0.043	254	0.064	290	0.093	326	0.624
3	0.994	39	0.536	75	0.057	111	0.070	147	0.046	183	0.059	219	0.043	255	0.063	291	0.103	327	0.641
4	0.991	40	0.518	76	0.051	112	0.071	148	0.047	184	0.058	220	0.042	256	0.061	292	0.112	328	0.658
5	0.989	41	0.501	77	0.046	113	0.072	149	0.048	185	0.057	221	0.043	257	0.059	293	0.121	329	0.676
6	0.983	42	0.484	78	0.041	114	0.073	150	0.049	186	0.057	222	0.043	258	0.057	294	0.130	330	0.693
7	0.977	43	0.466	79	0.035	115	0.074	151	0.049	187	0.056	223	0.044	259	0.055	295	0.140	331	0.709
8	0.972	44	0.449	80	0.030	116	0.074	152	0.049	188	0.055	224	0.045	260	0.053	296	0.151	332	0.725
9	0.966	45	0.432	81	0.029	117	0.074	153	0.049	189	0.055	225	0.045	261	0.051	297	0.163	333	0.741
10	0.960	46	0.415	82	0.029	118	0.074	154	0.049	190	0.054	226	0.048	262	0.048	298	0.175	334	0.757
11	0.950	47	0.398	83	0.029	119	0.074	155	0.050	191	0.053	227	0.050	263	0.046	299	0.186	335	0.773
12	0.940	48	0.381	84	0.028	120	0.074	156	0.049	192	0.052	228	0.052	264	0.044	300	0.198	336	0.788
13	0.930	49	0.365	85	0.028	121	0.073	157	0.049	193	0.051	229	0.055	265	0.041	301	0.212	337	0.803
14	0.920	50	0.348	86	0.029	122	0.072	158	0.049	194	0.050	230	0.057	266	0.039	302	0.227	338	0.818
15	0.910	51	0.332	87	0.029	123	0.070	159	0.048	195	0.050	231	0.059	267	0.037	303	0.241	339	0.833
16	0.897	52	0.316	88	0.030	124	0.069	160	0.048	196	0.049	232	0.061	268	0.035	304	0.255	340	0.848
17	0.885	53	0.301	89	0.031	125	0.068	161	0.048	197	0.049	233	0.063	269	0.034	305	0.269	341	0.860
18	0.873	54	0.285	90	0.032	126	0.065	162	0.049	198	0.049	234	0.065	270	0.032	306	0.285	342	0.873
19	0.860	55	0.269	91	0.034	127	0.063	163	0.049	199	0.048	235	0.068	271	0.031	307	0.301	343	0.885
20	0.848	56	0.255	92	0.035	128	0.061	164	0.049	200	0.048	236	0.069	272	0.030	308	0.316	344	0.897
21	0.833	57	0.241	93	0.037	129	0.059	165	0.050	201	0.048	237	0.070	273	0.029	309	0.332	345	0.910
22	0.818	58	0.227	94	0.039	130	0.057	166	0.050	202	0.049	238	0.072	274	0.029	310	0.348	346	0.920
23	0.803	59	0.212	95	0.041	131	0.055	167	0.051	203	0.049	239	0.073	275	0.028	311	0.365	347	0.930
24	0.788	60	0.198	96	0.044	132	0.052	168	0.052	204	0.049	240	0.074	276	0.028	312	0.381	348	0.940
25	0.773	61	0.186	97	0.046	133	0.050	169	0.053	205	0.050	241	0.074	277	0.029	313	0.398	349	0.950
26	0.757	62	0.175	98	0.048	134	0.048	170	0.054	206	0.049	242	0.074	278	0.029	314	0.415	350	0.960
27	0.741	63	0.163	99	0.051	135	0.045	171	0.055	207	0.049	243	0.074	279	0.029	315	0.432	351	0.966
28	0.725	64	0.151	100	0.053	136	0.045	172	0.055	208	0.049	244	0.074	280	0.030	316	0.449	352	0.972
29	0.709	65	0.140	101	0.055	137	0.044	173	0.056	209	0.049	245	0.074	281	0.035	317	0.466	353	0.977
30	0.693	66	0.130	102	0.057	138	0.043	174	0.057	210	0.049	246	0.073	282	0.041	318	0.484	354	0.983
31	0.676	67	0.121	103	0.059	139	0.043	175	0.057	211	0.048	247	0.072	283	0.046	319	0.501	355	0.989
32	0.658	68	0.112	104	0.061	140	0.042	176	0.058	212	0.047	248	0.071	284	0.051	320	0.518	356	0.991
33	0.641	69	0.103	105	0.063	141	0.043	177	0.059	213	0.046	249	0.070	285	0.057	321	0.536	357	0.994
34	0.624	70	0.093	106	0.064	142	0.043	178	0.060	214	0.046	250	0.069	286	0.064	322	0.554	358	0.996
35	0.606	71	0.086	107	0.066	143	0.044	179	0.061	215	0.045	251	0.068	287	0.071	323	0.571	359	0.998

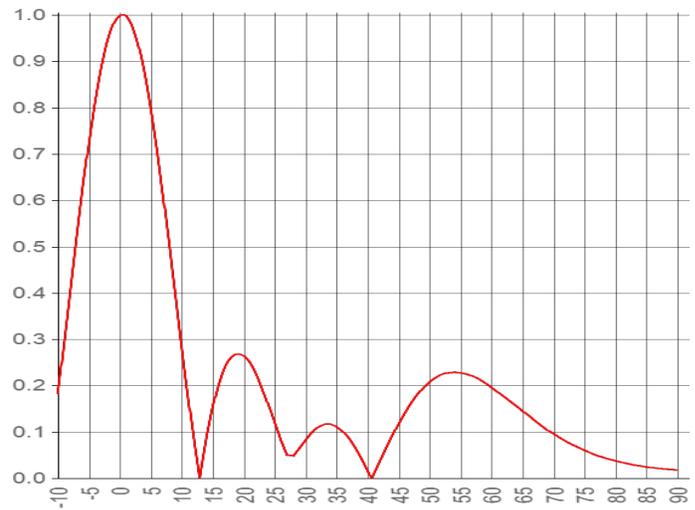
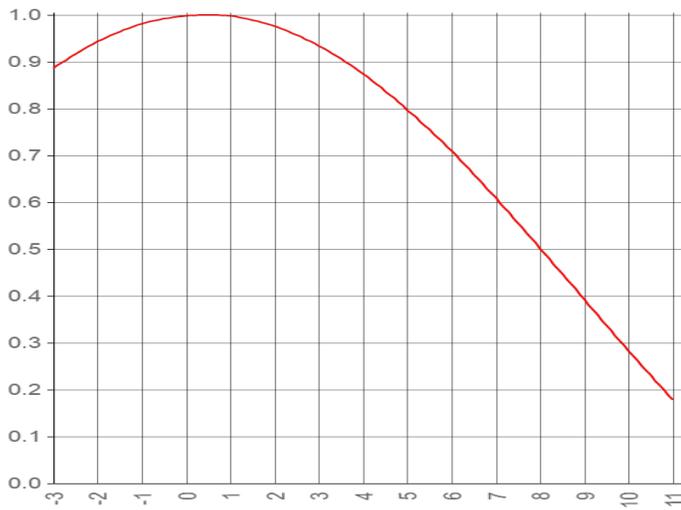
This document contains proprietary and confidential information of Dielectric. It is to be used solely for the purpose for which it is provided. No disclosure, reproduction, or use of this document or any part of it may be made without the written permission of Dielectric.

ELEVATION PATTERN

Exhibit No. **D**
 Date **10 Sep 2020**
 Call Letters **WNYB-DT DRT**
 Channel **27**
 Antenna Type **TUM-TU-02/02M-T**
 Location **Buffalo, New York**
 Customer

RMS Gain at Main Lobe **4.6 (6.60 dB)**
 RMS Gain at Horizontal **4.6 (6.59 dB)**
Calculated

Beam Tilt **0.5 Degrees**
 Drawing # **02U046050**



Degrees below horizontal

Degrees below horizontal

Angle	Field								
-10	0.182	10	0.283	30	0.082	50	0.208	70	0.096
-9	0.292	11	0.178	31	0.098	51	0.217	71	0.088
-8	0.404	12	0.080	32	0.110	52	0.224	72	0.080
-7	0.516	13	0.010	33	0.116	53	0.227	73	0.073
-6	0.625	14	0.088	34	0.117	54	0.229	74	0.066
-5	0.723	15	0.153	35	0.111	55	0.227	75	0.060
-4	0.812	16	0.204	36	0.101	56	0.225	76	0.055
-3	0.886	17	0.241	37	0.086	57	0.220	77	0.049
-2	0.943	18	0.261	38	0.066	58	0.214	78	0.045
-1	0.981	19	0.268	39	0.043	59	0.205	79	0.041
0	0.998	20	0.264	40	0.017	60	0.196	80	0.038
1	0.998	21	0.250	41	0.010	61	0.186	81	0.034
2	0.976	22	0.225	42	0.038	62	0.176	82	0.031
3	0.934	23	0.192	43	0.066	63	0.166	83	0.028
4	0.874	24	0.157	44	0.092	64	0.156	84	0.027
5	0.797	25	0.120	45	0.118	65	0.145	85	0.024
6	0.710	26	0.082	46	0.141	66	0.135	86	0.023
7	0.609	27	0.050	47	0.162	67	0.124	87	0.021
8	0.501	28	0.048	48	0.180	68	0.114	88	0.020
9	0.392	29	0.065	49	0.195	69	0.104	89	0.019

This document contains proprietary and confidential information of Dielectric. It is to be used solely for the purpose for which it is provided. No disclosure, reproduction, or use of this document or any part of it may be made without the written permission of Dielectric.

TVSTUDY INTERFERENCE ANALYSIS RESULTS
 PROPOSED DIGITAL REPLACEMENT TRANSLATOR
 CHANNEL 27 – BUFFALO, NEW YORK
 [AMENDMENT TO LMS-0000118196]

Study created: 2020.09.10 10:36:49

Study build station data: LMS TV 2020-09-10

Proposal: WNYB D27 LD APP JAMESTOWN, NY
 File number: BLANK0000118196
 Facility ID: 30303
 Station data: User record
 Record ID: 859
 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	WWHC-LP	N20		TX LIC	OLEAN, NY	BLANK0000022154	116.1 km
No	WAWW-LP	N20-		TX LIC	Rochester, NY	BLTTL20121029AAV	109.7
No	WGCE-CD	D26		DC CP	ROCHESTER, NY	BLANK0000094594	109.7
No	WGCE-CD	D26		DC LIC	ROCHESTER, NY	BLANK0000116989	109.7
No	WPBS-TV	D26		DT LIC	WATERTOWN, NY	BLANK0000081158	274.6
No	WFXP	D26		DT LIC	ERIE, PA	BLANK0000081009	143.9
No	WMAR-TV	D27		DT LIC	BALTIMORE, MD	BLANK0000120189	452.3
No	WADL	D27		DT LIC	MOUNT CLEMENS, MI	BLANK0000111708	327.1
No	WIVT	D27		DT LIC	BINGHAMTON, NY	BLANK0000090477	266.9
No	WIXT-CD	D27		DC CP	DEWITT, NY	BLANK0000100177	224.4
No	WIXT-CD	D27		DC LIC	DEWITT, NY	BLANK0000121173	224.4
No	W27EA-D	D27		DC LIC	CLEVELAND, OH	BLANK0000116762	291.9
No	WEKA-LD	D27		LD LIC	CLEVELAND, OH	BLANK0000007976	283.9
No	W27DG-D	D27		LD LIC	MILLERSBURG, OH	BLANK0000055476	302.4
No	W27DG-D	D27		LD CP	MILLERSBURG, OH	BLANK0000058887	302.4
Yes	WQLN	D27		DT LIC	ERIE, PA	BLANK0000083708	143.6
No	WOLF-TV	D27		LD CP	HAZLETON, PA	BLANK0000054833	326.8
No	WTAE-TV	D27		DT LIC	PITTSBURGH, PA	BLANK0000112576	313.7
No	WHVL-LD	D27		LD LIC	STATE COLLEGE, ETC., PA	BLANK0000006251	247.0
No	W08EE-D	D27		LD CP	MARTINSBURG, WV	BLANK0000054634	402.9
No	WUHF	D28		DT LIC	ROCHESTER, NY	BLCDT20050316AAK	109.7

No W28EO-D D28 LD CP DUBOIS, PA BNPDTL20100609AGI 172.7
No WJET-TV D28 DT LIC ERIE, PA BLANK0000080704 143.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D27
Mask: Full Service
Latitude: 43 1 32.20 N (NAD83)
Longitude: 78 55 42.10 W
Height AMSL: 423.3 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: Dielectric-TUM-C1 0.0 deg
Elev Pattn: Generic
Elec Tilt: 1.00

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.030 kW	241.0 m	21.0 km
45.0	0.015	246.3	17.7
90.0	2.80	247.5	44.9
135.0	15.0	230.6	52.6
180.0	2.80	243.9	44.7
225.0	0.015	246.0	17.7
270.0	0.030	248.0	21.3
315.0	0.058	250.3	24.7

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 244 m

**Proposal 25.05 dBu contour crosses Canadian border, coordination required

Distance to Canadian border: 6.7 km

Distance to Mexican border: 2476.6 km

Conditions at FCC monitoring station: Canandaigua NY

Bearing: 94.7 degrees Distance: 135.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 270.7 degrees Distance: 2200.1 km

Study cell size: 1.00 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%

No IX check failures found.

POWER DENSITY CALCULATION

PROPOSED DIGITAL REPLACEMENT TRANSLATOR
CHANNEL 27 – BUFFALO, NEW YORK
[AMENDMENT TO LMS-0000118196]

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Buffalo 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 243.8 meters above ground, and the specific elevation pattern of the proposed Dielectric TUM-C1-02/02M-T antenna, maximum power density two meters above ground of 0.00059 mW/cm^2 is calculated to occur 176 meters southeast of the base of the tower. Since this value is only 0.2 percent of the 0.37 mW/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 27 (548-554 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.

APPENDIX

COMPLAINTS OF INTERFERENCE TO RECEPTION OF WNYB-DT ON
CHANNEL 5 IN BUFFALO, NEW YORK AREA



Kevin Fisher <kevin@smithandfisher.com>

FW: WNYB OTA Levels

1 message

Michael Daly <mjd@tct.tv>
To: Kevin Fisher <kevin@smithandfisher.com>

Fri, Aug 21, 2020 at 2:37 PM

From: Steven D. Crum
Sent: Thursday, August 8, 2019 3:41 PM
To: Zell, Paul C <Paul.Zell@charter.com>; Sean Brennan <sfb@tct.tv>
Cc: Tupchik, Andrey N <Andrey.Tupchik@charter.com>; Sachse, Robert J <Robert.Sachse@charter.com>; Ingalsbe, Eric <Eric.Ingalsbe@charter.com>; Perry, William <William.Perry@charter.com>
Subject: Re: WNYB OTA Levels

Thanks!

I'm wondering if something else in the repack is affecting the SNR.

Steve

Steven D. Crum

Great Lakes Regional Engineer

TCT Network

From: Zell, Paul C <Paul.Zell@charter.com>
Sent: Thursday, August 8, 2019 2:15:40 PM
To: Steven D. Crum <sdcrum@tct.tv>; Sean Brennan <sfb@tct.tv>
Cc: Tupchik, Andrey N <Andrey.Tupchik@charter.com>; Sachse, Robert J <Robert.Sachse@charter.com>; Ingalsbe, Eric <Eric.Ingalsbe@charter.com>; Perry, William <William.Perry@charter.com>
Subject: RE: WNYB OTA Levels

We noticed the drop in level in comparison to the signal you had up during the test run a few weeks ago.

I don't have the specifics and my engineer is off today, but I should be able to get you some numbers on that tomorrow.



Paul Zell | Sr. Director ISP | (O)716-558-8530 (M)585-815-3355

355 Chicago St | Buffalo, NY 14024

From: Steven D. Crum [mailto:sdc@tct.tv]
Sent: Thursday, August 8, 2019 2:14 PM
To: Zell, Paul C <Paul.Zell@charter.com>; Sean Brennan <sfb@tct.tv>
Cc: Tupchik, Andrey N <Andrey.Tupchik@charter.com>; Sachse, Robert J <Robert.Sachse@charter.com>; Ingalsbe, Eric <Eric.Ingalsbe@charter.com>; Perry, William <William.Perry@charter.com>
Subject: Re: WNYB OTA Levels

Nothing has changed on our end. When did you notice the drop in levels? Is it an actual loss of level or decrease in SNR? Any fluctuation?

Steve

Steven D. Crum

Great Lakes Regional Engineer

TCT Network

From: Zell, Paul C <Paul.Zell@charter.com>
Sent: Thursday, August 8, 2019 1:58:48 PM
To: Sean Brennan <sfb@tct.tv>; Steven D. Crum <sdc@tct.tv>
Cc: Tupchik, Andrey N <Andrey.Tupchik@charter.com>; Sachse, Robert J <Robert.Sachse@charter.com>; Ingalsbe, Eric <Eric.Ingalsbe@charter.com>; Perry, William <William.Perry@charter.com>
Subject: RE: WNYB OTA Levels

Thanks for the response Sean

Nothing has changed on our end. We're using the same receiver and antennae that we used during your test. We're just seeing significantly reduced level.

I'm assuming from Steve's response that nothing is different on your end from the tests you ran and that this is as good as we'll be seeing?



Paul Zell | Sr. Director ISP | (O)716-558-8530 (M)585-815-3355

355 Chicago St | Buffalo, NY 14024

From: Sean Brennan [<mailto:sfb@tct.tv>]
Sent: Thursday, August 8, 2019 1:29 PM
To: Zell, Paul C <Paul.Zell@charter.com>; Steven D. Crum <sdcrum@tct.tv>
Cc: Tupchik, Andrey N <Andrey.Tupchik@charter.com>; Sachse, Robert J <Robert.Sachse@charter.com>; Ingalsbe, Eric <Eric.Ingalsbe@charter.com>; Perry, William <William.Perry@charter.com>
Subject: RE: WNYB OTA Levels

Paul,

I asked Steve Crum, one of our engineers (now added to this email string) what might be the issue and he replied:

“Could be ducting or something on their end.”

May also be repack related. Is it constant or fluctuating?

Sean F. Brennan

Station Manager, WNYB-TV

[5775 Big Tree Road](#)

[Orchard Park, NY 14127](#)

716.432-9130 cell

From: Zell, Paul C <Paul.Zell@charter.com>
Sent: Wednesday, August 07, 2019 11:34 AM
To: Sean Brennan <sfb@tct.tv>
Cc: Tupchik, Andrey N <Andrey.Tupchik@charter.com>; Sachse, Robert J <Robert.Sachse@charter.com>; Ingalsbe, Eric <Eric.Ingalsbe@charter.com>; Perry, William <William.Perry@charter.com>
Subject: RE: WNYB OTA Levels

Sean

We've made our adjustment to channel five, but the signal you are providing is considerably lower in receive level than we saw during testing. Is this something that you will be remedied? The signal as is now is unacceptable for us to use on our system if/when your fiber feed is disconnected.

Please let me know your status, or if I need to escalate this situation.

Thank you



Paul Zell | Sr. Director ISP | (O)716-558-8530 (M)585-815-3355

355 Chicago St | Buffalo, NY 14024



Kevin Fisher <kevin@smithandfisher.com>

FW: ECT-50819115

1 message

Michael Daly <mjd@tct.tv>
To: Kevin Fisher <kevin@smithandfisher.com>

Fri, Aug 21, 2020 at 2:26 PM

From: Zell, Paul C <Paul.Zell@charter.com>
Sent: Thursday, October 24, 2019 9:48 AM
To: Steven D. Crum <sdcc@tct.tv>; Sean Brennan <sfb@tct.tv>; Engineering <Engineering@tct.tv>; Judge Brown <jwb@tct.tv>; Bruce Hart <brh1@tct.tv>
Subject: Re: ECT-50819115

We lost it again at Lackawanna for about 15min this morning at 8:30am. I'm also pulling it off our Grand Island tower but didn't lose it there. The picture can be choppy, but perhaps with the cut antenna Grand Island may be a better solution away from whatever noise is hampering us.

We're working the video folks in Denver now to get the Fiber Feed on the air. Then we'll turn our attention back to the OTA.

Sent from my Verizon, Samsung Galaxy smartphone

Get [Outlook for Android](#)

On Thu, Oct 24, 2019 at 9:42 AM -0400, "Bruce Hart" <brh1@tct.tv> wrote:

Understand, how is it today?

From: Zell, Paul C <Paul.Zell@charter.com>
Sent: Thursday, October 24, 2019 9:19 AM
To: Bruce Hart <brh1@tct.tv>; Steven D. Crum <sdcc@tct.tv>; Sean Brennan <sfb@tct.tv>; Engineering <Engineering@tct.tv>; Judge Brown <jwb@tct.tv>
Subject: RE: ECT-50819115

Bruce,

There are no lights on in the building when nobody is there. That includes the two times this past weekend when we lost the signal between 8pm and 10pm, and the last two mornings at 8:30am.

There is no amplifier in line on the feed we hung yesterday.

We have no filters installed.



Paul Zell | Sr. Director ISP | (O)716-558-8530 (M)585-815-3355

355 Chicago St | Buffalo, NY 14024

From: Bruce Hart [mailto:brh1@tct.tv]
Sent: Thursday, October 24, 2019 9:15 AM
To: Steven D. Crum <sdc@tct.tv>; Zell, Paul C <Paul.Zell@charter.com>; Sean Brennan <sfb@tct.tv>; Engineering <Engineering@tct.tv>; Judge Brown <jwb@tct.tv>
Subject: RE: ECT-50819115

Any chance you can test with the fluorescent or LED lights turned off in building? Trying to find the source of the noise. I would expect an amplifier to not assist, it would also bring up the noise floor, which is the main issue here. What filter did you use? Steve ordered a couple filters that we hope to get soon.

From: Steven D. Crum
Sent: Thursday, October 24, 2019 7:43 AM
To: Zell, Paul C <Paul.Zell@charter.com>; Sean Brennan <sfb@tct.tv>; Engineering <Engineering@tct.tv>; Judge Brown <jwb@tct.tv>
Subject: Re: ECT-50819115

Thanks!

Steve

Steven D. Crum

Great Lakes Regional Engineer

TCT Network

From: Zell, Paul C <Paul.Zell@charter.com>
Sent: Thursday, October 24, 2019 4:00:37 AM
To: Steven D. Crum <sdc@tct.tv>; Sean Brennan <sfb@tct.tv>; Engineering <Engineering@tct.tv>; Judge Brown <jwb@tct.tv>
Subject: RE: ECT-50819115

We had the issue direct from the antenna to our receiver. We installed an amplifier to see if it would improve but it did not.



Paul Zell | Sr. Director ISP | (O)716-558-8530 (M)585-815-3355

355 Chicago St | Buffalo, NY 14024

From: Steven D. Crum [mailto:sdcrum@tct.tv]

Sent: Wednesday, October 23, 2019 10:34 PM

To: Zell, Paul C <Paul.Zell@charter.com>; Sean Brennan <sfb@tct.tv>; Engineering <Engineering@tct.tv>; Judge Brown <jwb@tct.tv>

Subject: Re: ECT-50819115

Moving up the tower may help, but it may also expose the antenna to more noise. Sometimes 45 degrees or so between horizontal and vertical may help reduce the noise floor and improve SNR. I assume you rotated through the azimuth to get the best SNR. Are there any amplifiers in the line prior to the receiver?

Thanks!

Steven D. Crum
Great Lakes Regional Engineer
618-967-6604 (mobile)

TCT Network

WINM, Ft. Wayne, IN/WAQP, Saginaw, MI/WTLJ, Grand Rapids, MI/
WRLM, Akron, OH/WNYB, Orchard Park, NY

From: Zell, Paul C <Paul.Zell@charter.com>

Sent: Wednesday, October 23, 2019 3:06 PM

To: Sean Brennan <sfb@tct.tv>; Engineering <Engineering@tct.tv>; Judge Brown <jwb@tct.tv>

Subject: RE: ECT-50819115

Sean

We did try Bruce's suggestion and rotated the antennae, it only got worse. I don't know if going higher on the tower would be advantageous, but I don't have personnel to handle that work as we contract out tower work these days. I don't know how I would find funding to pay for contractors. Any chance of that happening from your side?



Paul Zell | Sr. Director ISP | (O)716-558-8530 (M)585-815-3355

355 Chicago St | Buffalo, NY 14024

From: Sean Brennan [<mailto:sfb@tct.tv>]
Sent: Wednesday, October 23, 2019 3:05 PM
To: Zell, Paul C <Paul.Zell@charter.com>; Engineering <Engineering@tct.tv>; Judge Brown <jwb@tct.tv>
Subject: RE: ECT-50819115

Paul,

Very sorry to hear that news. Is there a chance to take Bruce Hart's suggestion of turning the antenna 90 degrees to see if that improves the signal strength?

Also, I just received a call from Charter. They are sending a tech to look at the ADVA connections. They were not sure if that will be today.

Sean F. Brennan

Station Manager, WNYB-TV

[5775 Big Tree Road](#)

[Orchard Park, NY 14127](#)

716.432-9130 cell

From: Zell, Paul C <Paul.Zell@charter.com>
Sent: Wednesday, October 23, 2019 2:58 PM
To: Sean Brennan <sfb@tct.tv>; Engineering <Engineering@tct.tv>; Judge Brown <jwb@tct.tv>
Subject: RE: ECT-50819115

Sean

So we've mounted the antennae at 30' and have your signal but it is heavily degraded. The pictures continuously freeze and drop out.



Paul Zell | Sr. Director ISP | (O)716-558-8530 (M)585-815-3355

355 Chicago St | Buffalo, NY 14024

From: Sean Brennan [<mailto:sfb@tct.tv>]
Sent: Wednesday, October 23, 2019 1:00 PM
To: Engineering <Engineering@tct.tv>; Judge Brown <jwb@tct.tv>; Zell, Paul C <Paul.Zell@charter.com>
Subject: FW: ECT-50819115

Here is the latest. Susan said they would be back with me at about 2PM ET.

Sean F. Brennan

Station Manager, WNYB-TV

[5775 Big Tree Road](#)

[Orchard Park, NY 14127](#)

716.432-9130 cell

From: Morris, Susan E <Susan.Morris@charter.com>
Sent: Wednesday, October 23, 2019 12:55 PM
To: Sean Brennan <sfb@tct.tv>
Cc: Enterprise Remedy Notification <RemedyNotify@charter.com>
Subject: ECT-50819115

Call us for all Support for this account:

888-812-2591 Option 1 for Break-Fix

Option 2 for Customer Service (billing, account changes, ordering remotes)

Business Name: RADIANT LIFE MINISTRIES

Reference these to save time:

A Ticket we have created for you, ECT-50819115

Account Number: 952870401

Circuit ID: 71.L1XX.005742..TWCC

We are available 24 hours 7 days a week – please call us at the first sign of an issue

Respectfully,



Susan Morris | Enterprise Tech I | 888.812.2591

65 South Keller Road | Orlando, FL 32810



The contents of this e-mail message and any attachments are intended solely for the addressee(s) and may contain confidential and/or legally privileged information. If you are not the intended recipient of this message or if this message has been addressed to you in error, please immediately alert the sender by reply e-mail and then delete this message and any attachments. If you are not the intended recipient, you are notified that any use, dissemination, distribution, copying, or storage of this message or any attachment is strictly prohibited.

The contents of this e-mail message and any attachments are intended solely for the addressee(s) and may contain confidential and/or legally privileged information. If you are not the intended recipient of this message or if this message has been addressed to you in error, please immediately alert the sender by reply e-mail and then delete this message and any attachments. If you are not the intended recipient, you are notified that any use, dissemination, distribution, copying,

or storage of this message or any attachment is strictly prohibited.

The contents of this e-mail message and any attachments are intended solely for the addressee(s) and may contain confidential and/or legally privileged information. If you are not the intended recipient of this message or if this message has been addressed to you in error, please immediately alert the sender by reply e-mail and then delete this message and any attachments. If you are not the intended recipient, you are notified that any use, dissemination, distribution, copying, or storage of this message or any attachment is strictly prohibited.

The contents of this e-mail message and any attachments are intended solely for the addressee(s) and may contain confidential and/or legally privileged information. If you are not the intended recipient of this message or if this message has been addressed to you in error, please immediately alert the sender by reply e-mail and then delete this message and any attachments. If you are not the intended recipient, you are notified that any use, dissemination, distribution, copying, or storage of this message or any attachment is strictly prohibited.

The contents of this e-mail message and any attachments are intended solely for the addressee(s) and may contain confidential and/or legally privileged information. If you are not the intended recipient of this message or if this message has been addressed to you in error, please immediately alert the sender by reply e-mail and then delete this message and any attachments. If you are not the intended recipient, you are notified that any use, dissemination, distribution, copying, or storage of this message or any attachment is strictly prohibited.

The contents of this e-mail message and any attachments are intended solely for the addressee(s) and may contain confidential and/or legally privileged information. If you are not the intended recipient of this message or if this message has been addressed to you in error, please immediately alert the sender by reply e-mail and then delete this message and any attachments. If you are not the intended recipient, you are notified that any use, dissemination, distribution, copying, or storage of this message or any attachment is strictly prohibited.

The contents of this e-mail message and any attachments are intended solely for the addressee(s) and may contain confidential and/or legally privileged information. If you are not the intended recipient of this message or if this message has been addressed to you in error, please immediately alert the sender

by reply e-mail and then delete this message and any attachments. If you are not the intended recipient, you are notified that any use, dissemination, distribution, copying, or storage of this message or any attachment is strictly prohibited.

The contents of this e-mail message and any attachments are intended solely for the addressee(s) and may contain confidential and/or legally privileged information. If you are not the intended recipient of this message or if this message has been addressed to you in error, please immediately alert the sender by reply e-mail and then delete this message and any attachments. If you are not the intended recipient, you are notified that any use, dissemination, distribution, copying, or storage of this message or any attachment is strictly prohibited.



Kevin Fisher <kevin@smithandfisher.com>

FW: WNYB TCT

1 message

Michael Daly <mjd@tct.tv>
To: Kevin Fisher <kevin@smithandfisher.com>

Fri, Aug 21, 2020 at 2:27 PM

From: Kleckner, Susan S <Susan.Kleckner@charter.com>
Sent: Monday, November 11, 2019 5:01:24 PM
To: Sean Brennan <sfb@tct.tv>; Steven D. Crum <sdcrum@tct.tv>
Cc: Brosious, David W <David.Brosious@charter.com>; Zell, Paul C <Paul.Zell@charter.com>
Subject: WNYB TCT

Good Day Steve and Sean,

I hope you are both well. I am checking in with the both of you regrading your signal post fiber cessation and RF frequency change to channel 5. We have been experiencing significant signal issues with WNYB. We have had to slate the station at times when signal is poor.

We need to understand if WNYB intends to secure a new direct fiber feed to Charter or what the plan is as the status quo is not sustainable.

Please advise as soon as possible. Thank you.

Susan



Susan Kleckner | Director, Video Products | 720.699.5513

6360 S. Fiddlers Green Circle | Greenwood Village, CO 80111

susan.kleckner@charter.com

Please note new address

The contents of this e-mail message and any attachments are intended solely for the addressee(s) and may contain confidential and/or legally privileged information. If you are not the intended recipient of this message



Kevin Fisher <kevin@smithandfisher.com>

FW: wnyb communication with charter on bad reception

1 message

Michael Daly <mjd@tct.tv>
To: Kevin Fisher <kevin@smithandfisher.com>

Thu, Aug 13, 2020 at 3:48 PM

From: Bruce Hart
Sent: Thursday, August 13, 2020 2:40 PM
To: Michael Daly <mjd@tct.tv>
Subject: Charter communications regarding WNYB reception**From:** Zell, Paul C <Paul.Zell@charter.com>
Sent: Thursday, October 24, 2019 9:19 AM
To: Bruce Hart <brh1@tct.tv>; Steven D. Crum <sdcrum@tct.tv>; Sean Brennan <sfb@tct.tv>; Engineering <Engineering@tct.tv>; Judge Brown <jwb@tct.tv>
Subject: RE: ECT-50819115

Steve,

Not great news today. With the cut channel 5 antennae and filter installed at our Grand Island tower location, we're still seeing impacting errors from WNYB. Here are the logs from yesterday.

Every time one of those errors comes in, we see a small video/audio impairment.

We're working on getting an antenna on the tower to see if we can pick up the channel 15 repeater signal. My worry with that is it is the same frequency as I believe CHCH.

I'll continue to keep you updated on our findings.

Has any considerations been made on your side towards getting a permanent new fiber feed to us? I worry about what happens if we are unable to acquire a reliable OTA signal.



Paul Zell | Sr. Director ISP | (O)716-558-8530 (M)585-815-3355
355 Chicago St | Buffalo, NY 14024

From: Steven D. Crum [mailto:sdc@tct.tv]
Sent: Friday, November 15, 2019 4:12 PM
To: Zell, Paul C <Paul.Zell@charter.com>
Subject: Re: WNYB

Thanks Paul,

Please let me know how the filter works out.

Steve

Steven D. Crum
Great Lakes Regional Engineer

TCT Network

618-967-6604 (mobile)

From: Zell, Paul C <Paul.Zell@charter.com>
Sent: Friday, November 15, 2019 3:47 PM
To: Steven D. Crum <sdc@tct.tv>
Subject: RE: WNYB

Not a great story to tell so far. We've got the cut antennae up without the filter, and are seeing a pretty steady dose of transport errors. I'll have the team put the filter on Monday.

I also have several antennae on that Grand Island tower, but need to do some work on the cabling. I'd like to see if I can pick up the ch15 feed up there.

Here are the logs from our Grand Island receiver:

SENCORE LOGS 79 MHz

11/14/2019	10:14:16 PM	Error	Went Bad	Transport Error Indicator Errored
11/14/2019	10:14:18 PM	Error	Went Good	Transport Error Indicator OK
11/14/2019	11:37:04 PM	Error	Went Bad	Transport Error Indicator Errored
11/14/2019	11:37:08 PM	Error	Went Good	Transport Error Indicator OK
11/15/2019	12:59:56 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	12:59:58 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	3:45:33 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	3:45:37 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:52:47 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:52:49 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:53:19 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:53:21 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:53:29 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:53:31 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:53:59 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:54:01 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:54:09 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:54:11 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:54:50 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:54:52 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:55:18 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:55:20 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:55:28 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:55:30 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:56:06 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:56:08 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:56:44 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:56:46 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:57:22 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:57:24 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:58:02 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:58:04 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:58:41 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:58:43 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:59:19 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:59:21 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:59:59 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:00:01 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:00:37 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:00:39 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:01:17 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:01:19 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:01:58 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:02:00 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:02:38 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:02:40 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:03:14 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:03:16 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:03:52 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:03:54 AM	Error	Went Good	Transport Error Indicator OK

11/15/2019	5:03:24 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:04:30 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:04:32 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:05:06 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:05:10 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:05:45 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:05:47 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	7:03:36 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	7:03:38 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	7:07:17 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	7:07:19 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	7:15:09 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	7:15:11 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:55:01 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:55:03 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:55:31 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:55:33 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:55:43 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:55:45 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:56:21 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:56:23 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:57:01 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:57:03 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:57:29 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:57:31 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:57:39 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:57:41 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:58:19 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:58:21 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:59:01 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:59:03 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:59:40 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:59:42 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:00:18 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:00:20 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:00:56 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:00:58 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:01:34 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:01:36 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:02:11 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:02:13 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:02:51 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:02:53 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:04:07 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:04:09 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:04:47 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:04:49 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:05:25 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:05:27 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:06:04 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:06:06 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:06:44 AM	Error	Went Bad	Transport Error Indicator Errored

11/15/2019	11:06:46 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:07:14 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:07:16 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:07:22 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:07:26 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:08:06 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:08:08 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	12:02:58 PM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	12:03:00 PM	Error	Went Good	Transport Error Indicator OK



Paul Zell | Sr. Director ISP | (O)716-558-8530 (M)585-815-3355

355 Chicago St | Buffalo, NY 14024



Kevin Fisher <kevin@smithandfisher.com>

FW: WNYB

1 message

Michael Daly <mjd@tct.tv>
To: Kevin Fisher <kevin@smithandfisher.com>

Fri, Aug 21, 2020 at 2:22 PM

From: Zell, Paul C <Paul.Zell@charter.com>
Sent: Thursday, November 21, 2019 8:23 AM
To: Steven D. Crum <sdcc@tct.tv>
Cc: Sean Brennan <sfb@tct.tv>
Subject: RE: WNYB

Steve

Not great news today. With the cut channel 5 antennae and filter installed at our Grand Island tower location, we're still seeing impacting errors. Here are the logs from yesterday.

Every time one of those errors comes in, we see a small video/audio impairment.

We're working on getting an antenna on the tower to see if we can pick up the channel 15 repeater signal. I'll continue to keep you updated on our findings.

Has any considerations been made on your side towards getting a permanent fiber feed to us? I worry about what happens if we are unable to acquire a reliable OTA signal.



Paul Zell | Sr. Director ISP | (O)716-558-8530 (M)585-815-3355

355 Chicago St | Buffalo, NY 14024

From: Steven D. Crum [<mailto:sdcc@tct.tv>]
Sent: Friday, November 15, 2019 4:12 PM

To: Zell, Paul C <Paul.Zell@charter.com>
Subject: Re: WNYB

Thanks Paul!

Please let me know how the filter works out.

Steve

Steven D. Crum
Great Lakes Regional Engineer
618-967-6604 (mobile)

TCT Network

WINM, Ft. Wayne, IN/WAQP, Saginaw, MI/WTLJ, Grand Rapids, MI/
WRLM, Akron, OH/WNYB, Orchard Park, NY

From: Zell, Paul C <Paul.Zell@charter.com>
Sent: Friday, November 15, 2019 3:47 PM
To: Steven D. Crum <sdcrum@tct.tv>
Subject: RE: WNYB

Not a great story to tell so far. We've got the cut antennae up without the filter, and are seeing a pretty steady dose of transport errors. I'll have the team put the filter on Monday.

I also have several antennae on that Grand Island tower, but need to do some work on the cabling. I'd like to see if I can pick up the ch15 feed up there.

Here are the logs from our receiver:

SENCORE LOGS 79 MHz				
11/14/2019	10:14:16 PM	Error	Went Bad	Transport Error Indicator Errored
11/14/2019	10:14:18 PM	Error	Went Good	Transport Error Indicator OK
11/14/2019	11:37:04 PM	Error	Went Bad	Transport Error Indicator Errored
11/14/2019	11:37:08 PM	Error	Went Good	Transport Error Indicator OK
11/15/2019	12:59:56 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	12:59:58 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	3:45:33 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	3:45:37 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:52:47 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:52:49 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:53:19 AM	Error	Went Bad	Transport Error Indicator Errored

11/15/2019	4:53:21 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:53:29 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:53:31 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:53:59 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:54:01 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:54:09 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:54:11 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:54:50 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:54:52 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:55:18 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:55:20 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:55:28 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:55:30 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:56:06 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:56:08 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:56:44 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:56:46 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:57:22 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:57:24 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:58:02 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:58:04 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:58:41 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:58:43 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:59:19 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	4:59:21 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	4:59:59 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:00:01 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:00:37 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:00:39 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:01:17 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:01:19 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:01:58 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:02:00 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:02:38 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:02:40 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:03:14 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:03:16 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:03:52 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:03:54 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:04:30 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:04:32 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:05:06 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:05:10 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	5:05:45 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	5:05:47 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	7:03:36 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	7:03:38 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	7:07:17 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	7:07:19 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	7:15:09 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	7:15:11 AM	Error	Went Good	Transport Error Indicator OK

11/15/2019	10:55:01 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:55:03 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:55:31 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:55:33 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:55:43 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:55:45 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:56:21 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:56:23 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:57:01 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:57:03 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:57:29 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:57:31 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:57:39 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:57:41 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:58:19 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:58:21 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:59:01 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:59:03 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	10:59:40 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	10:59:42 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:00:18 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:00:20 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:00:56 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:00:58 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:01:34 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:01:36 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:02:11 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:02:13 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:02:51 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:02:53 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:04:07 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:04:09 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:04:47 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:04:49 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:05:25 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:05:27 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:06:04 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:06:06 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:06:44 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:06:46 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:07:14 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:07:16 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:07:22 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:07:26 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	11:08:06 AM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	11:08:08 AM	Error	Went Good	Transport Error Indicator OK
11/15/2019	12:02:58 PM	Error	Went Bad	Transport Error Indicator Errored
11/15/2019	12:03:00 PM	Error	Went Good	Transport Error Indicator OK

8/26/2020

Smith and Fisher, LLC. Mail - FW: WNYB



Paul Zell | Sr. Director ISP | (O)716-558-8530 (M)585-815-3355

355 Chicago St | Buffalo, NY 14024



Kevin Fisher <kevin@smithandfisher.com>

FW: [E] Re: Verizon WNYB RF errors

1 message

Michael Daly <mjd@tct.tv>
To: Kevin Fisher <kevin@smithandfisher.com>

Fri, Aug 21, 2020 at 3:01 PM

From: Alomari, Ayish A <ayish.a.alomari@verizon.com>
Sent: Friday, January 3, 2020 11:18:52 AM
To: Steven D. Crum <sdcrum@tct.tv>
Cc: Rodrick, Christopher <Christopher.E.Rodrick@one.verizon.com>
Subject: Verizon WNYB RF errors

Steve

It was nice talking to you today. As we discussed earlier, we are seeing PCR Accuracy errors as well as CC errors on the RF signal. We have had a good reliable signal from you until maybe a week or so ago. Please take a look at the signal and let us know if any issues. As discussed please send us an RF filter to the following address:

ATTN: VERIZON VHO15

[548 Elmwood Ave](#)[Buffalo NY 14222](#)

Tel 716-883-2340

Thanks

--

Ayish AlomariSpecial Network Engineer, Network Operations & Engineering | **Verizon Wireline Network**
Tel: +1 716 883 2396 | Mob: +1 716 341 1246[548 Elmwood Ave, Buffalo, NY, 14222, USA](#)

TCT TELEVISION NETWORK - STATION TROUBLE REPORT



TCT TELEVISION NETWORK

Date	Time Reported	Reported By	Viewer Name
3/3/20	9:30 am	Laura	Guy Vintes

Viewer Reporting What Issue	Call back number
No signal for a week	716-417-5686

Note: If this is a programming or content issue do NOT use this form.

Problem occurring on what station or source? Please check box below.

WTCT 27	WNYB 26	WTLJ 54	WINM 12	WA Q 49	WIGL-LD	WDWO 18	WJFB-44	WRAY 30	WRLM 47	WLXI 43
	X									
KDMI 19	WBNE 15	WNIB-LB 42	WJGP-LD kzoo	WEIJ-LD 38	WLMN-LD AQP	KZTN 20 Ida	DIRECTTV	DISH NET	ANTENNA	STREAMMED

Recommend different Antenna	<input type="checkbox"/>	Range 45 mile	<input type="checkbox"/>	Range 60 mile	<input type="checkbox"/>	Range 100 mile	<input type="checkbox"/>	Recommended preamp	<input type="checkbox"/>
-----------------------------	--------------------------	---------------	--------------------------	---------------	--------------------------	----------------	--------------------------	--------------------	--------------------------

Cable Television Information

Cable or Internet carrier	Channel	City, State affected	Cable only	Station Shut down
			<input type="checkbox"/>	<input type="checkbox"/>

Other Notes

I gave him the information we have on our reception issues document. He said he has rescanned several times over the last two weeks and still has no signal.

TCT TELEVISION NETWORK - STATION TROUBLE REPORT

Date	Time Reported	Reported By	Viewer Name
3/12/20	9:40 am	Laura	Ann Bielman



Viewer Reporting What Issue

Call back number

Signal

716-652-9920

Note: If this is a programming or content issue do NOT use this form.
 Problem occurring on what station or source? Please check box below.

WICT 27	WNYB 26	WTLJ 54	WINM 12	WA Q 49	WIGL-LD	WDWO 18	WJER-44	WRAY 30	WRLM 47	WLXI 43
<input checked="" type="checkbox"/>	<input type="checkbox"/>									

Recommend different Antenna Range 45 mile Range 60 mile Range 100 mile Recommended preamp

Cable Television Information

Cable or Internet carrier	Channel	City, State affected	Cable only	Station Shut down
		Wales, NY	<input type="checkbox"/>	<input type="checkbox"/>

Other Notes

Unable to get TCT. Has an antenna and is able to get all of the other channels. Has rescanned several times. No signal for TCT since last week.

TCT TELEVISION NETWORK - STATION TROUBLE REPORT

Date	Time Reported	Reported By	Viewer Name
3/24/20	12:20 pm	Laura	Stan Walczyk



Viewer Reporting What Issue

Call back number

716-771-1104

Signal

Note: If this is a programming or content issue do NOT use this form.
 Problem occurring on what station or source? Please check box below.

WTCT 27	WNYB 26	WTJJ 54	WINM 12	WA Q 49	WIGL-LD	WDWO 18	WJER-44	WRAY 30	WRLM 47	WLXI 43
<input checked="" type="checkbox"/>	<input type="checkbox"/>									

Recommend different Antenna Range 45 mile Range 60 mile Range 100 mile Recommended Preamp

Cable Television Information

Cable or Internet carrier	Channel	City, State affected	Cable only	Station Shut down
			<input type="checkbox"/>	<input type="checkbox"/>

Other Notes

Has not been able to get our signal for about 3 weeks. Did a rescan in order to receive a different channel and has been unable to get TCT since then.

Sara J. Church

From: Sean Brennan
Sent: Tuesday, October 22, 2019 7:27 AM
To: Sara J. Church
Subject: RE: WNYB Call

Thank you Sara. Will get in touch with them all.
This has been so very frustrating. We hope to have the issues taken care of before the weekend.

Sean F. Brennan
Station Manager, WNYB-TV
5775 Big Tree Road
Orchard Park, NY 14127
716.432-9130 cell

From: Sara J. Church
Sent: Monday, October 21, 2019 5:54 PM
To: Sean Brennan <sfb@tct.tv>
Subject: WNYB Call

Mamie Clouden of Buffalo NY. Called regarding Spectrum 12 – 716-895-6485

Sara J. Church

From: Sean Brennan
Sent: Friday, November 1, 2019 7:40 AM
To: Sara J. Church
Subject: RE: WNYB Reception Issue

Thank you Sara. I will let Peter know what is going on.

Sean F. Brennan
Station Manager, WNYB-TV
5775 Big Tree Road
Orchard Park, NY 14127
716.432-9130 cell

From: Sara J. Church
Sent: Thursday, October 31, 2019 4:16 PM
To: Sean Brennan <sfb@tct.tv>
Subject: WNYB Reception Issue

Hey Sean,

A gentleman named Pete Harrington wrote us a nice note detailing his difficulties receiving WNYB. His number is 535-334-5009 (It may be 585 but I'm not sure from his writing). He is in Rochester, NY. He only uses antenna, no cable or other products. He's been rescanning but no luck. He's lost a few other channels as well. He really misses TCT. Thanks!

Sara J. Church

From: Melody A. Rindfuss
Sent: Tuesday, January 28, 2020 8:57 AM
To: Todd Creamer
Cc: Sara J. Church
Subject: Reception Issues

Todd,

We have the following reception issues this morning:

From Laura @ Reception:
01/27/20 8:17 a.m.
Gail Pattison, Warsaw, NY
585-493-9656
Spectrum

We are aware of the Spectrum Channel 12 issues but caller stated Channel 16 is also out. No signal since Friday.

From Laura @ Reception:
01/28/20 8:12 a.m.
David Fry, Ft. Wayne, IN
260-705-0213
WEIJ-LD 38

No signal for about three weeks. No visual or audio.

I would normally send this to Vic, but he's here or enroute somewhere else. 😊

Thanks,

Melody A. Rindfuss
Lead Correspondent

P.O. Box 1010
Marion, IL 62959
Office (618) 997-4700 Ext 1125
<http://www.tct.tv>

Sara J. Church

From: Laura E. Dent
Sent: Thursday, February 6, 2020 10:01 AM
To: Sara J. Church
Subject: WNYB

Do you have any updated information on WNYB viewers who have Spectrum? The reception issues document (dated 10/29/19) says "Spectrum has an issue with their receiving antenna & they are working to resolve it. We can forward calls to WNYB should they need additional assistance."

There isn't anyone at WNYB to transfer calls to. Do you want us to still keep tally marks?

Sara J. Church

From: Bruce Hart
Sent: Friday, February 7, 2020 1:14 PM
To: Sara J. Church
Subject: Re: WNYB

Yes I also received a call from spectrum they did have an outage yesterday, but our signal was ok and confirmed over the air and with dish and fios at time they were having issue.

Sent from my iPhone

On Feb 7, 2020, at 10:15 AM, Sara J. Church <sjc@tct.tv> wrote:

Bruce,

We received 4 calls yesterday for WNYB regarding Spectrum Channel 12. Do we have any updated info for callers that we can tell them? The old info we have is:

“Spectrum has an issue with their receiving antenna & they are working to resolve it. We can forward calls to WNYB should they need additional assistance.”

Since we don't have the option of forwarding to NYB any longer, we need a statement for them. Thanks!

From: Todd Creamer
Sent: Thursday, February 6, 2020 4:58 PM
To: Sara J. Church <SJC@tct.tv>
Subject: RE: WNYB

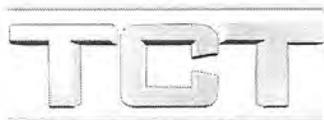
You would have to check with Bruce

From: Sara J. Church [<mailto:SJC@tct.tv>]
Sent: Thursday, February 06, 2020 10:06 AM
To: Todd Creamer
Subject: FW: WNYB

Can you tell me if there is still this same issue with WNYB. We're trying to update our reference sheet. Thanks!

From: Laura E. Dent
Sent: Thursday, February 6, 2020 10:01 AM
To: Sara J. Church <SJC@tct.tv>
Subject: WNYB

Do you have any updated information on WNYB viewers who have Spectrum? The reception issues document (dated 10/29/19) says “Spectrum has an issue with their receiving antenna & they are working to resolve it. We can forward calls to WNYB should they need additional assistance.”



RECEPTION TROUBLE REPORT

Date & Time: 6/22/20 9:45 am

Reported by: Laura

VIEWER NAME: Robert Cook

VIEWER PHONE: 716-398-3265

VIEWER CITY, STATE & ZIP: Buffalo, NY 14218

What is the issue the viewer is having (please be as detailed as possible)?

No pic or sound for 2 to 3 weeks. Rescans 3-4 times/day and still cannot get 26.1, 26.2, 26.3

How are they watching us?

ANTENNA	CABLE	DIRECTV	OTHER SATELLITE CO.	STREAMING MEDIA
X				

High Power

WTCT 27	WNYB 26	WTLJ 54	WINM 12	WAQP 49	WLXI 43	WRAY 30	WRLM 47	WSCG 34
	X							
KDMI 19	WFXW 15	WJFB 43						

Low Power

WIGL-LD	WBNF 15 (WNYB)	WNIB 42	WJGP KZOO	WEIJ 38	KZTN 20	WLMN	WDWO 18

If Cable, Satellite, or Internet, who is the Carrier: _____

Channel they view TCT on: 26 WNYB