



**STATEMENT OF JOHN E. HIDLE, P.E.
IN SUPPORT OF AN APPLICATION FOR
CLASS A “FLASH-CUT” CONSTRUCTION PERMIT
WWHB-CA - STUART, FLORIDA
DLPTV - CH. 48 - 2.1 kW - 294.6 m HAAT**

Prepared for: WTVX 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 Professional Engineer in the Commonwealth of Virginia, License No. 7418, and in the State of New York, License No. 63418.

GENERAL

This office has been authorized by WTVX Licensee, LLC, licensee of WWHB-CA, channel 48, licensed to Stuart, Florida, to prepare this statement, FCC Form 301-CA, Section III, and associated exhibits in support of an application for a construction permit, seeking to “flash-cut” to digital operation on WWHB-CA’s current analog channel 48, at its existing licensed analog site. It is herein proposed to install a new antenna on the existing tower support structure, at a different height from the existing analog channel 48 antenna. WWHB-CA’s digital facility will be co-located with several other broadcast facilities, both FM radio and full-service and low-power television stations.

PROPOSED OMNI-DIRECTIONAL ANTENNA

The applicant proposes to install a new Dielectric model TLP-12A/VP-R BB circular polarized omni-directional antenna with its center of radiation at a height above ground of

292 meters, and a height above average terrain of 294.6 meters. Exhibit 1 shows the vertical plan. The antenna manufacturer's vertical plane radiation pattern, illustrating the antenna's radiation characteristics above and below the horizontal plane, due to electrical beam tilt, is shown in Exhibits 2 and 3, and is tabulated in Exhibit 4. The horizontal plane azimuth pattern of the vertically polarized component is shown in Exhibit 5 and tabulated in Exhibit 6. The ERP of the vertically polarized signal component is 2.1 kW.

PREDICTED COVERAGE CONTOUR

The predicted coverage contour was calculated in accordance with the method described in Section 73.684 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 National Geophysical Data Center Thirty Second Point Database (TPG-0050) as prescribed in the FCC Rules. The antenna site elevation and coordinates were determined from FCC antenna registration data. Exhibit 7 shows the predicted Noise Limited (51 dBu) contour, which, although Class A LPTV stations are exempt from the principal community coverage requirement of Section 73.685(a) of the Commission's Rules¹, completely encompasses the principal community of license, Stuart, Florida.

¹ See Report and Order, *In the Matter of Establishment of a Class A Television Service*, MM Docket No. 00-10, 15 FCC Rcd 6355, FCC 00-115 (2000), at Paragraph 28.

ALLOCATION CONSIDERATIONS

DTV Allocation Considerations

In compliance with Section 73.6018 of the FCC's Rules, a study was performed, using the Commission's application processing software, tv_process, to determine if the instant application for a "flash-cut" construction permit for WWHB-CA is predicted to cause any level of new prohibited interference to any domestic DTV stations, expansion construction permits, pending applications or DTV allotments. Results of the study, shown in Appendix B, indicate that the instant application is predicted to cause no impermissible level of new interference to the populations to be served by any domestic DTV station, expansion construction permit, pending DTV application or DTV allotment.

Class A and Digital Class A Considerations

The study, contained in Appendix B, shows that the instant application is predicted to cause no unacceptable level of new interference to any Class A LPTV station, either analog or digital, and therefore complies with Section 73.6017 of the Rules.

Low power TV, TV translator, digital LPTV and digital TV translator considerations

The aforementioned study also shows that the instant application is predicted to cause no unacceptable level of new interference to any Low power TV station or TV translator, either analog or digital, and therefore complies with Section 73.6019 of the Rules.

AM station considerations

The study also states: "Proposed station is OK toward AM broadcast stations".

BLANKETING AND INTERMODULATION INTERFERENCE

A number of broadcast and non-broadcast facilities are either co-located with, or located within 10 km of the proposed WWHB-CA 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

Effective October 15, 1997 the FCC adopted new guidelines and procedures for evaluating environmental effects of radio frequency (RF) emissions. The guidelines are generally based on recommendations by the National Council on Radiation Protection and Measurements (NCRP) in NCRP Report No. 86 (1986) and by the American National Standards Institute and the Institute of Electrical and Electronic Engineers, LLC (IEEE) in ANSI/IEEE C95.1-1992 (IEEE C95.1-1991). The guidelines define a maximum permissible exposure (MPE) level for occupational or "controlled" situations that apply in cases that affect the general public. The FCC Office of Engineering and Technology's technical bulletin No. 65 entitled, "Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields" (Edition 97-01, August 1997), provides assistance to determine whether FCC-regulated transmitting facilities, operations or devices comply with guidelines for human exposure to radio frequency electromagnetic fields as adopted by the Commission in 1996. Bulletin No. 65 contains the technical information necessary to evaluate compliance with the FCC's policies and guidelines.

The Maximum Permitted Exposure (MPE) level for broadcast facilities that operate

on a frequency between 30 MHz and 300 MHz is 0.2 milliwatts per centimeter squared (mW/cm^2) for an "uncontrolled" environment, and is 1.0 milliwatts per centimeter squared (mW/cm^2) for a "controlled" environment. The MPE level for broadcast facilities that operate on a frequency between 300 MHz and 1500 MHz, primarily UHF TV stations, is determined for an "uncontrolled" environment by dividing the operating frequency in MHz by 1500, and is similarly determined for a "controlled" environment by dividing the operating frequency in MHz by 300. The predicted emissions of WWHB-CA operating on channel 48 must be considered, in addition to predicted emissions from any other proposed or existing stations at the site. For WWHB-CA, which operates on television Channel 48 (674-680 MHz), the MPE is 0.451 milliwatts per centimeter squared (mW/cm^2) in an "uncontrolled" environment and 2.26 mW/cm^2 in a "controlled" environment. The proposed WWHB-CA digital facility will operate with a maximum ERP of 2.1 kW kW using a circularly polarized omni-directional transmitting antenna with a centerline height of 292 meters above ground level (AGL). Considering a very conservative vertical plane relative field factor of 0.3, the WWHB-CA facility is predicted to produce a power density at two meters above ground level of 0.00015 mW/cm^2 , which is 0.03% of the FCC guideline value for an "uncontrolled" environment, and 0.006% of the FCC's guideline value for "controlled" environments (see Appendix A). There are three FM stations, one FM translator station, one full-service DTV stations and one other Class A LPTV station located within the relevant proximity of 315 meters. The total percentage of the ANSI value predicted at the site, including the cumulative radiation from all stations within the relevant proximity is 23.22% of the limit for "uncontrolled" environments, and 4.64% of the limit for "controlled" environments.

OCCUPATIONAL SAFETY

The licensee of WWHB-CA is committed to the protection of station personnel and/or tower contractors working in the vicinity of the WWHB-CA antenna, and is committed to reducing power or ceasing operation during times of maintenance of the transmission systems, when necessary, to ensure protection to personnel.

SUMMARY

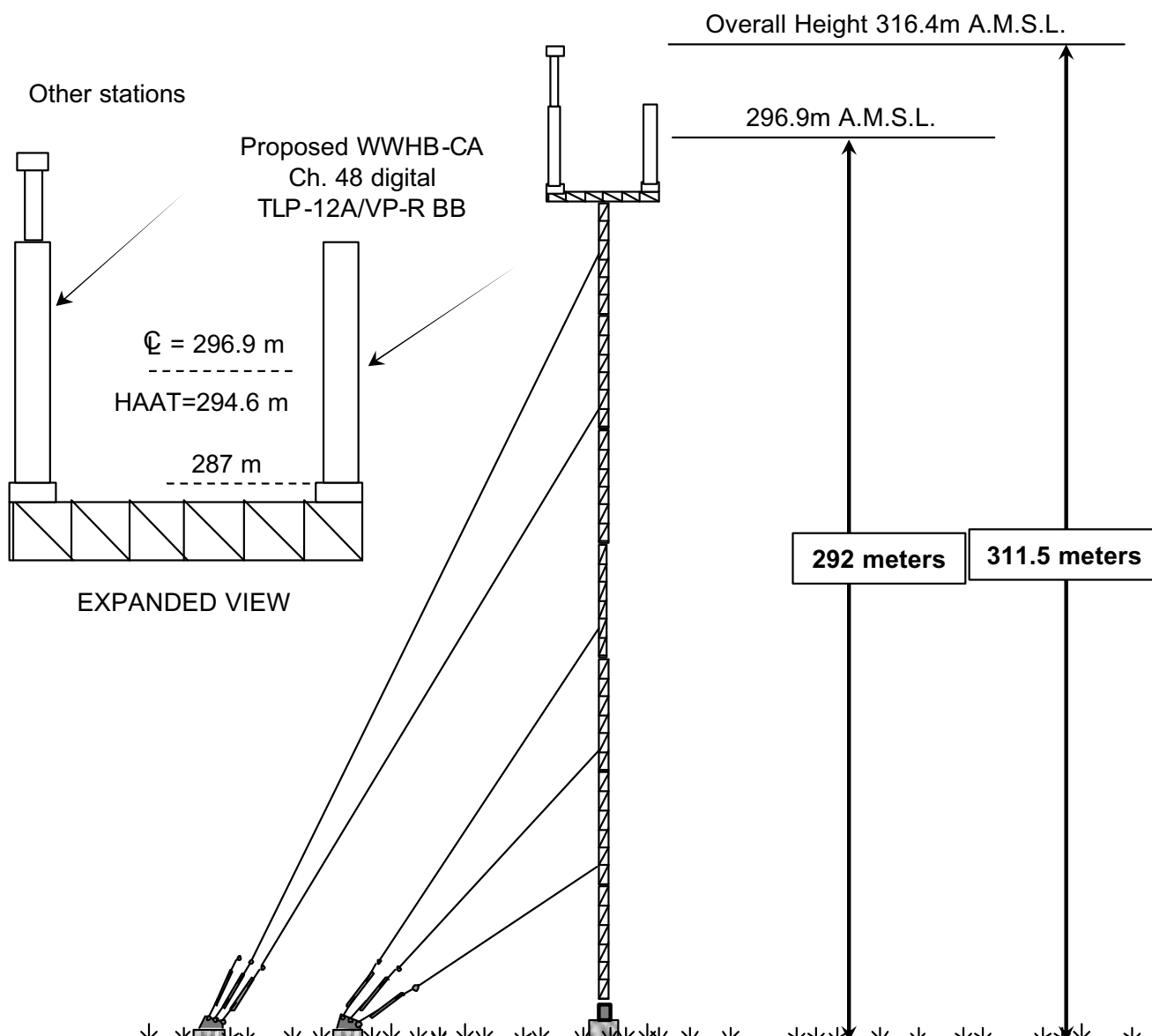
It is submitted that the instant application for a "flash-cut" construction permit to convert WWHB-CA's channel 48 transmission facility to digital operation, as described herein, complies with the Rules, Regulations and relevant Policies of the Federal Communications Commission. This statement, FCC Form 301-CA, Section III, and the attached exhibits were prepared by me or under my direct supervision and are believed to be true and correct to the best of my knowledge and belief.

DATED: May 17, 2012



COORDINATES NAD-27

NORTH LATITUDE: 27° 01' 31"
 WEST LONGITUDE: 80° 10' 43"



VERTICAL PLAN ANTENNA SKETCH
 STATION WWHB-CA – STUART, FLORIDA
 Ch. 48 – 2.1 kW – 294.6 m HAAT
 May, 2012

CARL T. JONES
 CORPORATION

NOT DRAWN TO SCALE



Proposal Number

Exhibit 2

Date

8-Nov-11

Call Letters

WWHB-CAChannel **48**

Location

Stuart, Florida

Customer

WTVX Licensee, LLC

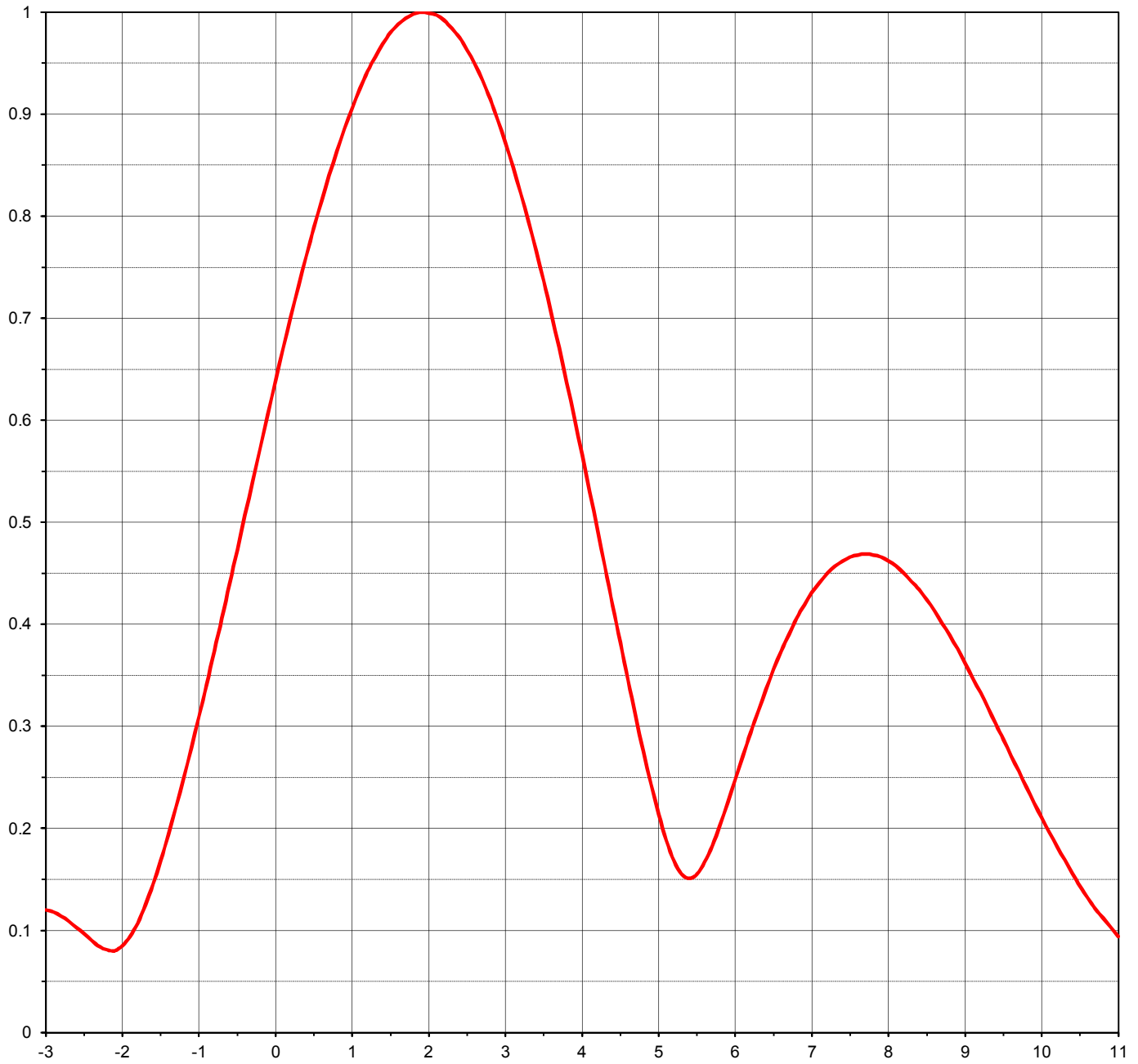
Antenna Type

TLP-12AVP-R BB

ELEVATION PATTERN

RMS Gain at Main Lobe **10.50 (10.21 dB)**
RMS Gain at Horizontal **4.30 (6.33 dB)**
Calculated / Measured **Calculated**

Beam Tilt **1.95 deg**
Frequency **677.00 MHz**
Drawing # **12L105200**



Degrees Below Horizontal



Proposal Number

Exhibit 3

Date

8-Nov-11

Call Letters

WWHB-CAChannel **48**

Location

Stuart, Florida

Customer

WTVX Licensee, LLC

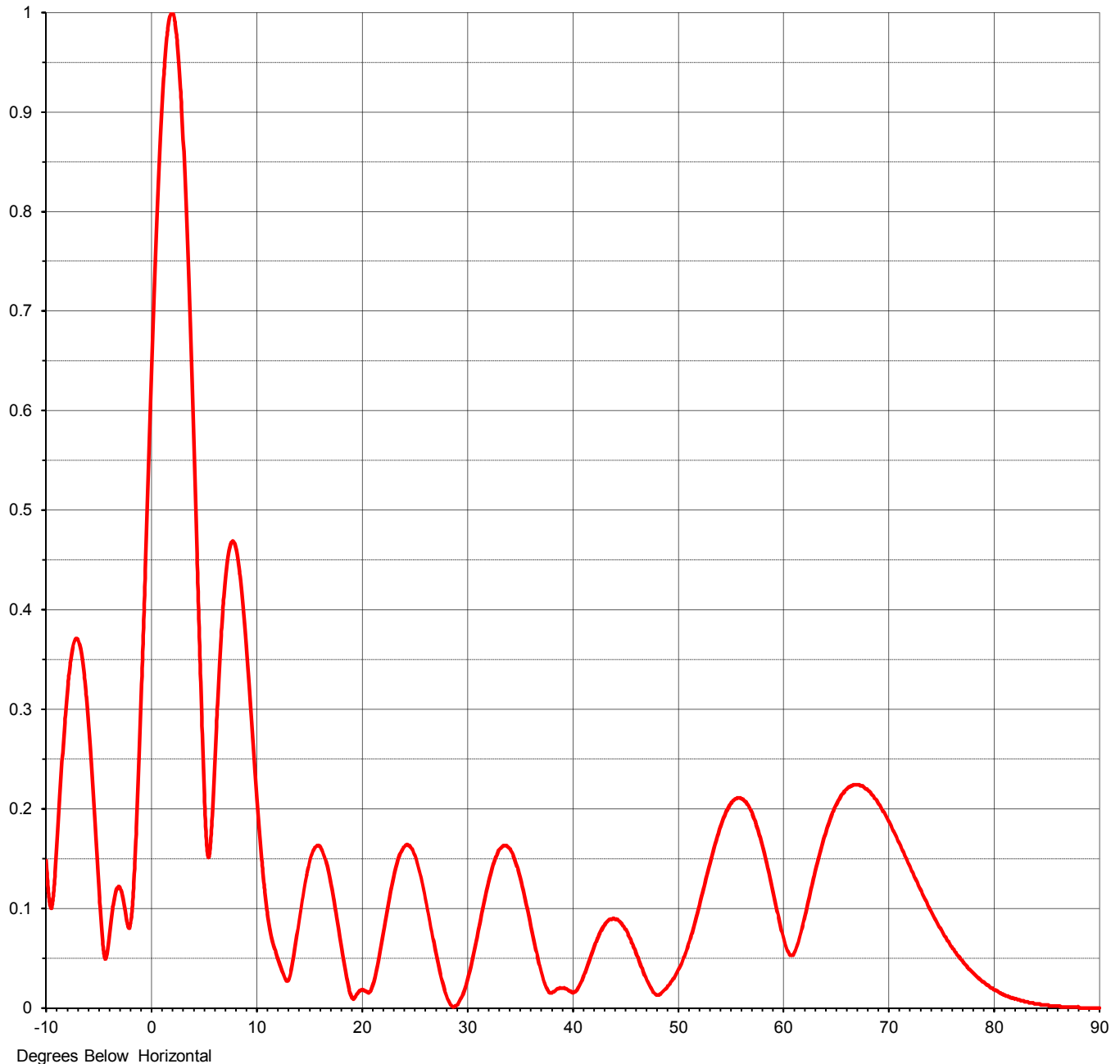
Antenna Type

TLP-12A/VP-R BB

ELEVATION PATTERN

RMS Gain at Main Lobe **10.50 (10.21 dB)**
RMS Gain at Horizontal **4.30 (6.33 dB)**
Calculated / Measured **Calculated**

Beam Tilt **1.95 deg**
Frequency **677.00 MHz**
Drawing # **12L105200-90**



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Proposal Number

Exhibit 4

Date

8-Nov-11

Call Letters

WWHB-CA Channel 48

Location

Stuart, Florida

Customer

WTVX Licensee, LLC

Antenna Type

TLP-12A/VP-R BB**TABULATION OF ELEVATION PATTERN**Elevation Pattern Drawing #: **12L105200-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.148	2.4	0.975	10.6	0.143	30.5	0.046	51.0	0.062	71.5	0.153
-9.5	0.100	2.6	0.949	10.8	0.121	31.0	0.071	51.5	0.079	72.0	0.142
-9.0	0.161	2.8	0.915	11.0	0.103	31.5	0.098	52.0	0.099	72.5	0.130
-8.5	0.248	3.0	0.872	11.5	0.070	32.0	0.122	52.5	0.120	73.0	0.119
-8.0	0.319	3.2	0.822	12.0	0.052	32.5	0.143	53.0	0.141	73.5	0.108
-7.5	0.362	3.4	0.766	12.5	0.037	33.0	0.157	53.5	0.161	74.0	0.097
-7.0	0.370	3.6	0.704	13.0	0.027	33.5	0.163	54.0	0.179	74.5	0.087
-6.5	0.343	3.8	0.637	13.5	0.046	34.0	0.161	54.5	0.193	75.0	0.078
-6.0	0.285	4.0	0.566	14.0	0.080	34.5	0.151	55.0	0.204	75.5	0.069
-5.5	0.206	4.2	0.493	14.5	0.114	35.0	0.135	55.5	0.210	76.0	0.061
-5.0	0.119	4.4	0.418	15.0	0.142	35.5	0.113	56.0	0.211	76.5	0.053
-4.5	0.053	4.6	0.345	15.5	0.159	36.0	0.089	56.5	0.207	77.0	0.047
-4.0	0.074	4.8	0.275	16.0	0.163	36.5	0.063	57.0	0.198	77.5	0.040
-3.5	0.112	5.0	0.214	16.5	0.152	37.0	0.040	57.5	0.184	78.0	0.035
-3.0	0.120	5.2	0.168	17.0	0.131	37.5	0.022	58.0	0.167	78.5	0.030
-2.8	0.114	5.4	0.151	17.5	0.101	38.0	0.015	58.5	0.146	79.0	0.026
-2.6	0.103	5.6	0.167	18.0	0.068	38.5	0.018	59.0	0.122	79.5	0.022
-2.4	0.090	5.8	0.203	18.5	0.037	39.0	0.020	59.5	0.097	80.0	0.018
-2.2	0.081	6.0	0.248	19.0	0.013	39.5	0.019	60.0	0.074	80.5	0.015
-2.0	0.085	6.2	0.294	19.5	0.012	40.0	0.016	60.5	0.057	81.0	0.013
-1.8	0.107	6.4	0.336	20.0	0.018	40.5	0.018	61.0	0.053	81.5	0.011
-1.6	0.145	6.6	0.374	20.5	0.016	41.0	0.029	61.5	0.066	82.0	0.009
-1.4	0.194	6.8	0.406	21.0	0.020	41.5	0.043	62.0	0.087	82.5	0.007
-1.2	0.249	7.0	0.431	21.5	0.040	42.0	0.058	62.5	0.110	83.0	0.006
-1.0	0.310	7.2	0.450	22.0	0.069	42.5	0.071	63.0	0.133	83.5	0.005
-0.8	0.374	7.4	0.462	22.5	0.099	43.0	0.082	63.5	0.154	84.0	0.004
-0.6	0.440	7.6	0.468	23.0	0.127	43.5	0.088	64.0	0.173	84.5	0.003
-0.4	0.507	7.8	0.468	23.5	0.149	44.0	0.090	64.5	0.192	85.0	0.003
-0.2	0.573	8.0	0.462	24.0	0.161	44.5	0.087	65.0	0.204	85.5	0.002
0.0	0.639	8.2	0.450	24.5	0.163	45.0	0.080	65.5	0.214	86.0	0.002
0.2	0.702	8.4	0.434	25.0	0.155	45.5	0.070	66.0	0.220	86.5	0.001
0.4	0.761	8.6	0.413	25.5	0.138	46.0	0.058	66.5	0.223	87.0	0.001
0.6	0.815	8.8	0.389	26.0	0.115	46.5	0.044	67.0	0.224	87.5	0.001
0.8	0.864	9.0	0.362	26.5	0.087	47.0	0.031	67.5	0.223	88.0	0.001
1.0	0.906	9.2	0.333	27.0	0.059	47.5	0.020	68.0	0.219	88.5	0.000
1.2	0.942	9.4	0.302	27.5	0.034	48.0	0.013	68.5	0.213	89.0	0.000
1.4	0.969	9.6	0.271	28.0	0.015	48.5	0.015	69.0	0.205	89.5	0.000
1.6	0.988	9.8	0.256	28.5	0.003	49.0	0.020	69.5	0.197	90.0	0.000
1.8	0.998	10.0	0.225	29.0	0.002	49.5	0.027	70.0	0.187		
2.0	0.999	10.2	0.196	29.5	0.010	50.0	0.036	70.5	0.176		
2.2	0.992	10.4	0.169	30.0	0.025	50.5	0.047	71.0	0.165		

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Proposal Number

Exhibit 5

Date

8-Nov-11

Call Letters

WWHB-CA

Channel 48

Location

Stuart, Florida

Customer

WTVX Licensee, LLC

Antenna Type

TLP-12A/VP-R BB

AZIMUTH PATTERN/VERTICAL POLARIZATION

Gain
Calculated / Measured

1.60

(2.04 dB)

Calculated

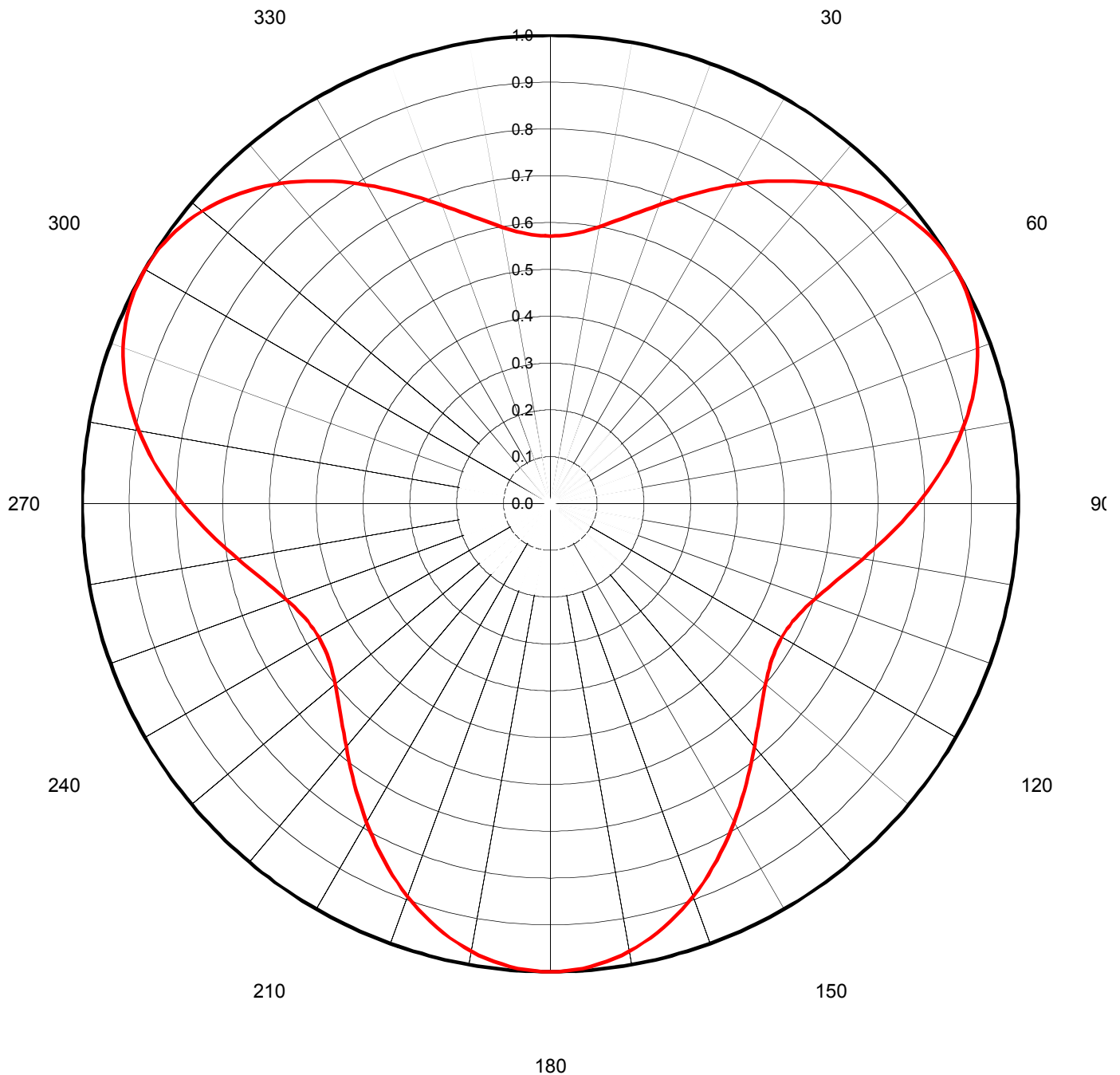
Frequency

677.00 MHz

Drawing #

A-VPOL-677

0





Proposal Number

Exhibit 6

Date

8-Nov-11

Call Letters

WWHB-CA Channel 48

Location

Stuart, Florida

Customer

WTVX Licensee, LLC

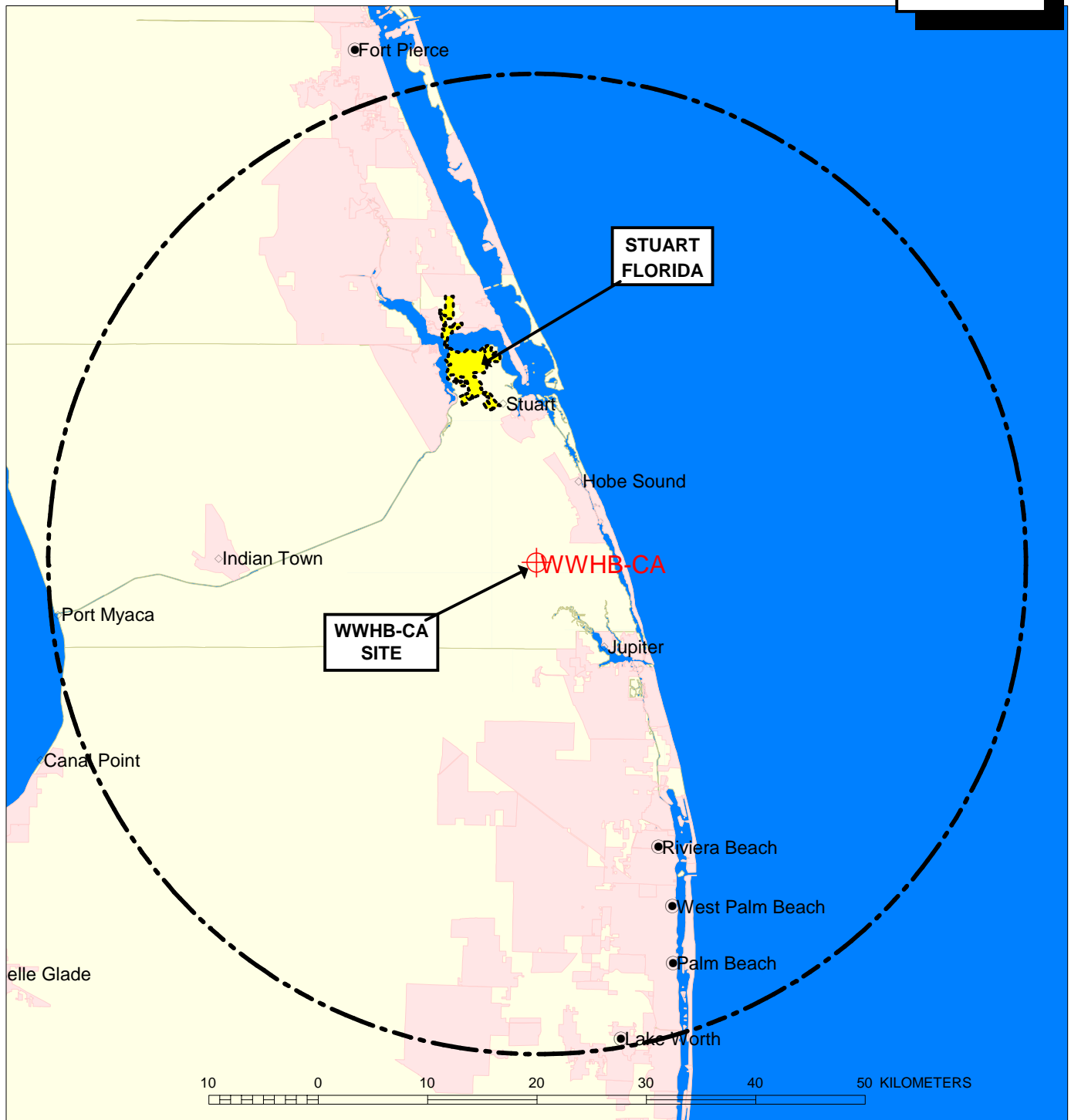
Antenna Type

TLP-12A/VP-R BB

TABULATION OF AZIMUTH PATTERN/VERTICAL POLARIZATIONAzimuth Pattern Drawing #: **A-VPOL-677**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.571	45	0.937	90	0.786	135	0.634	180	1.000	225	0.634	270	0.786	315	0.937
1	0.572	46	0.945	91	0.774	136	0.642	181	1.000	226	0.626	271	0.797	316	0.929
2	0.572	47	0.952	92	0.763	137	0.651	182	0.999	227	0.619	272	0.808	317	0.921
3	0.574	48	0.959	93	0.752	138	0.660	183	0.997	228	0.612	273	0.819	318	0.912
4	0.576	49	0.965	94	0.741	139	0.669	184	0.995	229	0.606	274	0.830	319	0.902
5	0.579	50	0.971	95	0.730	140	0.678	185	0.993	230	0.600	275	0.841	320	0.893
6	0.582	51	0.977	96	0.719	141	0.688	186	0.990	231	0.595	276	0.852	321	0.883
7	0.586	52	0.981	97	0.709	142	0.698	187	0.986	232	0.590	277	0.862	322	0.873
8	0.590	53	0.986	98	0.698	143	0.709	188	0.981	233	0.586	278	0.873	323	0.862
9	0.595	54	0.990	99	0.688	144	0.719	189	0.977	234	0.582	279	0.883	324	0.852
10	0.600	55	0.993	100	0.678	145	0.730	190	0.971	235	0.579	280	0.893	325	0.841
11	0.606	56	0.995	101	0.669	146	0.741	191	0.965	236	0.576	281	0.902	326	0.830
12	0.612	57	0.997	102	0.660	147	0.752	192	0.959	237	0.574	282	0.912	327	0.819
13	0.619	58	0.999	103	0.651	148	0.763	193	0.952	238	0.572	283	0.921	328	0.808
14	0.626	59	1.000	104	0.642	149	0.774	194	0.945	239	0.572	284	0.929	329	0.797
15	0.634	60	1.000	105	0.634	150	0.786	195	0.937	240	0.571	285	0.937	330	0.786
16	0.642	61	1.000	106	0.626	151	0.797	196	0.929	241	0.572	286	0.945	331	0.774
17	0.651	62	0.999	107	0.619	152	0.808	197	0.921	242	0.572	287	0.952	332	0.763
18	0.660	63	0.997	108	0.612	153	0.819	198	0.912	243	0.574	288	0.959	333	0.752
19	0.669	64	0.995	109	0.606	154	0.830	199	0.902	244	0.576	289	0.965	334	0.741
20	0.678	65	0.993	110	0.600	155	0.841	200	0.893	245	0.579	290	0.971	335	0.730
21	0.688	66	0.990	111	0.595	156	0.852	201	0.883	246	0.582	291	0.977	336	0.719
22	0.698	67	0.986	112	0.590	157	0.862	202	0.873	247	0.586	292	0.981	337	0.709
23	0.709	68	0.981	113	0.586	158	0.873	203	0.862	248	0.590	293	0.986	338	0.698
24	0.719	69	0.977	114	0.582	159	0.883	204	0.852	249	0.595	294	0.990	339	0.688
25	0.730	70	0.971	115	0.579	160	0.893	205	0.841	250	0.600	295	0.993	340	0.678
26	0.741	71	0.965	116	0.576	161	0.902	206	0.830	251	0.606	296	0.995	341	0.669
27	0.752	72	0.959	117	0.574	162	0.912	207	0.819	252	0.612	297	0.997	342	0.660
28	0.763	73	0.952	118	0.572	163	0.921	208	0.808	253	0.619	298	0.999	343	0.651
29	0.774	74	0.945	119	0.572	164	0.929	209	0.797	254	0.626	299	1.000	344	0.642
30	0.786	75	0.937	120	0.571	165	0.937	210	0.786	255	0.634	300	1.000	345	0.634
31	0.797	76	0.929	121	0.572	166	0.945	211	0.774	256	0.642	301	1.000	346	0.626
32	0.808	77	0.921	122	0.572	167	0.952	212	0.763	257	0.651	302	0.999	347	0.619
33	0.819	78	0.912	123	0.574	168	0.959	213	0.752	258	0.660	303	0.997	348	0.612
34	0.830	79	0.902	124	0.576	169	0.965	214	0.741	259	0.669	304	0.995	349	0.606
35	0.841	80	0.893	125	0.579	170	0.971	215	0.730	260	0.678	305	0.993	350	0.600
36	0.852	81	0.883	126	0.582	171	0.977	216	0.719	261	0.688	306	0.990	351	0.595
37	0.862	82	0.873	127	0.586	172	0.981	217	0.709	262	0.698	307	0.986	352	0.590
38	0.873	83	0.862	128	0.590	173	0.986	218	0.698	263	0.709	308	0.981	353	0.586
39	0.883	84	0.852	129	0.595	174	0.990	219	0.688	264	0.719	309	0.977	354	0.582
40	0.893	85	0.841	130	0.600	175	0.993	220	0.678	265	0.730	310	0.971	355	0.579
41	0.902	86	0.830	131	0.606	176	0.995	221	0.669	266	0.741	311	0.965	356	0.576
42	0.912	87	0.819	132	0.612	177	0.997	222	0.660	267	0.752	312	0.959	357	0.574
43	0.921	88	0.808	133	0.619	178	0.999	223	0.651	268	0.763	313	0.952	358	0.572
44	0.929	89	0.797	134	0.626	179	1.000	224	0.642	269	0.774	314	0.945	359	0.572

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PREDICTED COVERAGE CONTOURS
WWHB-CA, STUART, FLORIDA
CLASS A DTV - CH. 48 - 2.1 kW - 294.6 m HAAT

 Predicted Noise Limited Contour - F(50,90) - 51 dBu
 Area = 6,245 sq km - Population = 969,897

MAY 2012

**SUMMARY OF RADIOFREQUENCY
RADIATION STUDY**
WWHB-CA, STUART, FLORIDIA
CHANNEL 48, 2.1 kW ERP, 294.6 m HAAT
MAY, 2012

<u>CALL</u>	<u>SERVICE</u>	<u>CHANNEL</u>	<u>FREQUENCY</u>	<u>POLARIZATION</u>	<u>ANTENNA HEIGHT ** mAGL</u>	<u>ERP (kW)</u>	<u>VERT. RELATIVE FIELD FACTOR</u>	<u>PREDICTED POWER DENSITY (mW/cm²)</u>	<u>FCC UNCONTROLLED LIMIT (mW/cm²)</u>	<u>PERCENT OF UNCONTROLLED LIMIT</u>
WWHB-CA	DT	48	677	H & V	290	2.100	0.300	0.00015	0.451	0.03%
WTCE-TV	DT	38	617	H	293	1000.000	0.300	0.03501	0.411	8.51%
WTCN-CA	TV	43	647	H	269	150.000	0.300	0.00312	0.431	0.72%
WKGR	FM	254	98.7	H & V	293	100.000	0.350	0.00953	0.200	4.77%
WMBX	FM	272	102.3	H & V	292	100.000	0.350	0.00960	0.200	4.80%
WPBZ	FM	276	103.1	H & V	294	90.000	0.350	0.00852	0.200	4.26%
W295BJ	FM	295	106.9	V	162	0.190	1.000	0.00024	0.200	0.12%

TOTAL PERCENTAGE OF ANSI VALUE= 23.22%

* Auxiliary Facility

** The antenna heights indicated above are 2 meters less than the actual antenna heights

so that the predicted power densities consider the 2 meter human height allowance.

This evaluation includes facilities collocated at the site, and facilities located within 315 meters.



WWHB-CA - APPENDIX B LONGLEY-RICE INTERFERENCE ANALYSIS

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
Census data selected 2000
Data Base Selected
./data/tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 05-10-2012 Time: 14:11:59

Record Selected for Analysis

WWHB-CA BPTTA -NEWWWHBDC48 STUART FL US
Channel 48 ERP 2.1 kW HAAT 0. m RCAMSL 296.9 m FULL SERVICE MASK
Latitude 027-01-31 Longitude 0080-10-43
Status APP Zone Border Site number: 01
Dir Antenna Make Model Beam tilt N Ref Azimuth 0.0
Last update 00000000 Cutoff date 20100304 Docket
Comments

Applicant WTVX LICENSEE, LLC

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site number	1			
Azimuth	ERP	HAAT	51.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	2.100	294.1	44.5	
45.0	2.100	295.2	44.6	
90.0	2.100	295.0	44.6	
135.0	2.100	295.6	44.6	
180.0	2.100	292.0	44.4	
225.0	2.100	291.5	44.4	
270.0	2.100	291.2	44.4	
315.0	2.100	293.0	44.5	

Contour Overlap to Proposed Station

Station

WOPX-TV 48 MELBOURNE FL BLCDT20020510AAH causes

Contour overlap to Digital LPTV station

WWHB-CA 48 STUART FL BPTTA NEWWWHBDC48

Station

WOPX-TV 48 MELBOURNE FL BPCDT20080620AKI causes

WWHB-CA - Appendix B Page 2

Contour overlap to Digital LPTV station

WWHB-CA 48 STUART FL BPTTA NEWWWHBDC48

Station

WFGC 49 PALM BEACH FL BPCDT20100309ABX causes

Contour overlap to Digital LPTV station

WWHB-CA 48 STUART FL BPTTA NEWWWHBDC48

Station

WFGC 49 PALM BEACH FL BLCDT20060627ABB causes

Contour overlap to Digital LPTV station

WWHB-CA 48 STUART FL BPTTA NEWWWHBDC48

Contour Overlap Evaluation to Proposed Station Complete
Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
48	WWHB-CA	STUART FL	BPTTA NEWWWHBDC48

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	WJAN-CD	MIAMI FL	141.3	APP	BPTTA	-20010116AGG
44	W44AY	FORT PIERCE FL	60.9	LIC	BLTT	-19931220IK
47	WAMI-DT	HOLLYWOOD FL	115.5	LIC	BLCDT	-20090311ACD
47	W47DA	MELBOURNE FL	134.0	LIC	BLTTL	-20090331ASF
47	WATV-LD	ORLANDO FL	190.7	LIC	BLDTL	-20100309AAD
47	WATV-LD	ORLANDO FL	190.7	CP MOD	BMPDTL	-20090320ABS
47	W47DW-D	VERO BEACH FL	87.8	CP MOD	BMPDTL	-20120214AAL
48	WFXU	LIVE OAK FL	396.4	APP	BPCDT	-20080617ABP
48	WOPX-TV	MELBOURNE FL	151.0	LIC	BLCDT	-20020510AAH
48	WOPX-TV	MELBOURNE FL	195.0	CP	BPCDT	-20080620AKI
48	WFUN-LD	MIAMI FL	115.5	LIC	BLDTL	-20090615ADJ
48	W48EE-D	OCALA FL	332.5	CP	BNPDTL	-20100810AAN
48	WZRA-CA	OLDSMAR FL	286.1	CP MOD	BMPDTA	-20110923AAE
48	WZRA-CA	OLDSMAR FL	286.1	LIC	BLTTA	-20061130AAL

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48	WLWN-LP	SARASOTA FL	228.8	LIC	BLTT	-20000725ABJ
49	WFGC	PALM BEACH FL	29.3	CP	BPCDT	-20100309ABX
49	WFGC	PALM BEACH FL	29.3	LIC	BLCDDT	-20060627ABB
50	WTCN-CA	PALM BEACH FL	23.4	CP	BDISTTA	-20080804ADZ
51	WGPS-LP	SEBRING FL	130.9	LIC	BLTT	-20061116AEW

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	WJAN-CD	MIAMI FL	BPTTA	-20010116AGG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	WTCE-TV	FORT PIERCE FL	141.3	LIC	BLEDT	-20090820ACI
40	WPPB-DR	BOCA RATON FL	34.8	LIC	BPRM	-20000328AAE
40	WBEC-TV	BOCA RATON FL	32.8	LIC	BLEDT	-20071220ABP
41	WZVN-TV	NAPLES FL	177.6	LIC	BLCDDT	-20030619AAM
41	WRBW	ORLANDO FL	321.5	LIC	BLCDDT	-20060810AIX
42	WHDT-DR	STUART FL	111.4	APP	BPRM	-20080620AOT
42	WHDT	STUART FL	91.1	CP MOD	BMPCDDT	-20090115AFU
48	WWHB-CA	STUART FL	141.3	APP	BPTTA	-NEWWWHBDC48
49	WFGC	PALM BEACH FL	112.1	CP	BPCDDT	-20100309ABX
49	WFGC	PALM BEACH FL	112.1	LIC	BLCDDT	-20060627ABB

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	W44AY	FORT PIERCE FL	BLTT	-19931220IK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	WPXP-TV	LAKE WORTH FL	107.5	LIC	BLCDDT	-20030808ABE
40	WACX	LEESBURG FL	135.2	LIC	BLCDDT	-20060117ACC
41	WRBW	ORLANDO FL	136.3	LIC	BLCDDT	-20060810AIX
42	WHDT-DR	STUART FL	95.4	APP	BPRM	-20080620AOT
42	WHDT	STUART FL	108.5	CP MOD	BMPCDDT	-20090115AFU
44	WJEB-TV	JACKSONVILLE FL	325.0	LIC	BLEDT	-20100226ABZ
44	WTOG	ST. PETERSBURG FL	189.4	LIC	BLCDDT	-20090622ACD
46	WTGL	LEESBURG FL	135.2	LIC	BLEDT	-20090402AAH
48	WOPX-TV	MELBOURNE FL	96.0	LIC	BLCDDT	-20020510AAH
48	WOPX-TV	MELBOURNE FL	135.2	CP	BPCDDT	-20080620AKI
48	WWHB-CA	STUART FL	60.9	APP	BPTTA	-NEWWWHBDC48
51	WHLV-TV	COCOA FL	135.2	LIC	BLCDDT	-20090615ADQ

Proposed station is beyond the site to
nearest cell evaluation distance

WWHB-CA - Appendix B

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WAMI-DT	HOLLYWOOD FL	BLCDT	-20090311ACD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WHFT-TV	MIAMI FL	2.1	LIC	BLCDT	-20091124AGO
47	WFTT-DT	TAMPA FL	291.4	LIC	BLCDT	-20090915ADR
48	WWHB-CA	STUART FL	115.5	APP	BPTTA	-NEWWWHBDC48

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	W47DA	MELBOURNE FL	BLTTL	-20090331ASF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WFTV	ORLANDO FL	59.0	LIC	BLCDT	-20110906AGQ
40	WACX	LEESBURG FL	62.2	LIC	BLCDT	-20060117ACC
43	WOTF-DT	MELBOURNE FL	62.2	LIC	BLCDT	-20090616ACO
46	WTGL	LEESBURG FL	62.2	LIC	BLEDT	-20090402AHH
47	WAMI-DT	HOLLYWOOD FL	244.4	LIC	BLCDT	-20090311ACD
47	WATV-LD	ORLANDO FL	71.7	LIC	BLDTL	-20100309AAD
47	WATV-LD	ORLANDO FL	71.7	CP MOD	BMPDTL	-20090320ABS
47	WFTT-DT	TAMPA FL	156.6	LIC	BLCDT	-20090915ADR
47	W47DW-D	VERO BEACH FL	46.9	CP MOD	BMPDTL	-20120214AAL
48	WOPX-TV	MELBOURNE FL	41.6	LIC	BLCDT	-20020510AAH
48	WOPX-TV	MELBOURNE FL	62.2	CP	BPCDT	-20080620AKI
48	WWHB-CA	STUART FL	134.0	APP	BPTTA	-NEWWWHBDC48
49	WVEN-TV	DAYTONA BEACH FL	105.9	LIC	BLCDT	-20070329ADC
51	WHLV-TV	COCOA FL	62.2	LIC	BLCDT	-20090615ADQ

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WATV-LD	ORLANDO FL	BLDTL	-20100309AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WTGL	LEESBURG FL	38.5	LIC	BLEDT	-20090402AHH
47	WAMI-DT	HOLLYWOOD FL	289.8	LIC	BLCDT	-20090311ACD
47	WYKE-CD	INGLIS-YANKEETOWN FL	124.8	LIC	BLTTA	-20050308AAA

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47	W47DA	MELBOURNE FL	71.7	LIC	BLTTL	-20090331ASF
47	WFTT-DT	TAMPA FL	103.6	LIC	BLCDDT	-20090915ADR
47	W47DW-D	VERO BEACH FL	112.5	CP MOD	BMPDTL	-20120214AAL
48	WOPX-TV	MELBOURNE FL	39.8	LIC	BLCDDT	-20020510AAH
48	WOPX-TV	MELBOURNE FL	38.5	CP	BPCDDT	-20080620AKI
48	WWHB-CA	STUART FL	190.7	APP	BPTTA	-NEWWWHBDC48

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WATV-LD	ORLANDO FL	BMPDTL	-20090320ABS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WTGL	LEESBURG FL	38.5	LIC	BLEDT	-20090402AHH
47	WAMI-DT	HOLLYWOOD FL	289.8	LIC	BLCDDT	-20090311ACD
47	WYKE-CD	INGLIS-YANKEETOWN FL	124.8	LIC	BLTTA	-20050308AAA
47	W47DA	MELBOURNE FL	71.7	LIC	BLTTL	-20090331ASF
47	WFTT-DT	TAMPA FL	103.6	LIC	BLCDDT	-20090915ADR
47	W47DW-D	VERO BEACH FL	112.5	CP MOD	BMPDTL	-20120214AAL
48	WOPX-TV	MELBOURNE FL	39.8	LIC	BLCDDT	-20020510AAH
48	WOPX-TV	MELBOURNE FL	38.5	CP	BPCDDT	-20080620AKI
48	WWHB-CA	STUART FL	190.7	APP	BPTTA	-NEWWWHBDC48

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	W47DW-D	VERO BEACH FL	BMPDTL	-20120214AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WTGL	LEESBURG FL	109.0	LIC	BLEDT	-20090402AHH
47	WAMI-DT	HOLLYWOOD FL	200.7	LIC	BLCDDT	-20090311ACD
47	W47DA	MELBOURNE FL	46.9	LIC	BLTTL	-20090331ASF
47	WATV-LD	ORLANDO FL	112.5	LIC	BLDTL	-20100309AAD
47	WATV-LD	ORLANDO FL	112.5	CP MOD	BMPDTL	-20090320ABS
47	WFTT-DT	TAMPA FL	178.0	LIC	BLCDDT	-20090915ADR
48	WOPX-TV	MELBOURNE FL	74.6	LIC	BLCDDT	-20020510AAH
48	WOPX-TV	MELBOURNE FL	109.0	CP	BPCDDT	-20080620AKI
48	WWHB-CA	STUART FL	87.8	APP	BPTTA	-NEWWWHBDC48

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WFXU	LIVE OAK FL	BPCDT	-20080617ABP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WFTT-DT	TAMPA FL	222.6	LIC	BLCDT	-20090915ADR
48	WIYC	TROY AL	397.4	LIC	BLCDT	-20100127ADF
48	WFBD	DESTIN FL	406.4	LIC	BLCDT	-20050906AAT
48	WOPX-TV	MELBOURNE FL	245.4	LIC	BLCDT	-20020510AAH
48	WOPX-TV	MELBOURNE FL	208.4	CP	BPCDT	-20080620AKI
48	WWHB-CA	STUART FL	396.4	APP	BPTTA	-NEWWWHBDC48
49	WVEN-TV	DAYTONA BEACH FL	167.1	LIC	BLCDT	-20070329ADC

Proposal causes no interference

#####

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WOPX-TV	MELBOURNE FL	BLCDT	-20020510AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WFTT-DT	TAMPA FL	115.2	LIC	BLCDT	-20090915ADR
48	WFXU	LIVE OAK FL	328.7	LIC	BLCDT	-20071113ACD
48	WFXU	LIVE OAK FL	245.4	APP	BPCDT	-20080617ABP
48	WWHB-CA	STUART FL	151.0	APP	BPTTA	-NEWWWHBDC48
49	WVEN-TV	DAYTONA BEACH FL	93.9	LIC	BLCDT	-20070329ADC
49	WFGC	PALM BEACH FL	173.5	CP	BPCDT	-20100309ABX
49	WFGC	PALM BEACH FL	173.5	LIC	BLCDT	-20060627ABB

Total scenarios = 2

Result key: 1

Scenario 1 Affected station 9

Before Analysis

Results for: 48A FL MELBOURNE BLCDT 20020510AAH LIC

HAAT 456.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3064668	31986.4
not affected by terrain losses	3064668	31986.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	116275	774.9
lost to ATV IX only	116275	774.9
lost to all IX	116275	774.9

Potential Interfering Stations Included in above Scenario 1

47A FL TAMPA	BLCDT	20090915ADR	LIC
49A FL DAYTONA BEACH	BLCDT	20070329ADC	LIC

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After Analysis

Results for: 48A FL MELBOURNE BLCDT 20020510AAH LIC
HAAT 456.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3064668	31986.4
not affected by terrain losses	3064668	31986.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	130143	889.3
lost to ATV IX only	130143	889.3
lost to all IX	130143	889.3

Potential Interfering Stations Included in above Scenario 1
47A FL TAMPA BLCDT 20090915ADR LIC
49A FL DAYTONA BEACH BLCDT 20070329ADC LIC
48A FL STUART BPTTA NEWWWHBDC48 APP

Percent new IX = 0.4704%

Result key: 2
Scenario 2 Affected station 9
Before Analysis

Results for: 48A FL MELBOURNE BLCDT 20020510AAH LIC
HAAT 456.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3064668	31986.4
not affected by terrain losses	3064668	31986.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	116279	776.9
lost to ATV IX only	116279	776.9
lost to all IX	116279	776.9

Potential Interfering Stations Included in above Scenario 2
47A FL TAMPA BLCDT 20090915ADR LIC
48A FL LIVE OAK BPCDT 20080617ABP APP
49A FL DAYTONA BEACH BLCDT 20070329ADC LIC

After Analysis

Results for: 48A FL MELBOURNE BLCDT 20020510AAH LIC
HAAT 456.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3064668	31986.4
not affected by terrain losses	3064668	31986.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	130147	891.3
lost to ATV IX only	130147	891.3
lost to all IX	130147	891.3

Potential Interfering Stations Included in above Scenario 2
47A FL TAMPA BLCDT 20090915ADR LIC
48A FL LIVE OAK BPCDT 20080617ABP APP
49A FL DAYTONA BEACH BLCDT 20070329ADC LIC

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48A FL STUART BPTTA NEWWWHBDC48 APP

Percent new IX = 0.4704%

Worst case new IX 0.4704% Scenario 2

#####

Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	WOPX-TV	MELBOURNE FL	BPCDT -20080620AKI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
47	WFTT-DT	TAMPA FL	141.9	LIC	BLCDT -20090915ADR
48	WFXU	LIVE OAK FL	287.1	LIC	BLCDT -20071113ACD
48	WFXU	LIVE OAK FL	208.4	APP	BPCDT -20080617ABP
48	WWHB-CA	STUART FL	195.0	APP	BPTTA -NEWWWHBDC48
49	WVEN-TV	DAYTONA BEACH FL	43.7	LIC	BLCDT -20070329ADC
49	WFGC	PALM BEACH FL	220.3	CP	BPCDT -20100309ABX
49	WFGC	PALM BEACH FL	220.3	LIC	BLCDT -20060627ABB

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	WFUN-LD	MIAMI FL	BLDTL -20090615ADJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
47	WAMI-DT	HOLLYWOOD FL	0.0	LIC	BLCDT -20090311ACD
48	WOPX-TV	MELBOURNE FL	251.7	LIC	BLCDT -20020510AAH
48	WOPX-TV	MELBOURNE FL	302.1	CP	BPCDT -20080620AKI
48	WWHB-CA	STUART FL	115.5	APP	BPTTA -NEWWWHBDC48
49	WFGC	PALM BEACH FL	86.4	CP	BPCDT -20100309ABX
49	WFGC	PALM BEACH FL	86.4	LIC	BLCDT -20060627ABB

Proposal causes no interference

#####

Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	W48EE-D	OCALA FL	BNPDTL -20100810AAN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
47	WYKE-CD	INGLIS-YANKEETOWN FL	42.1	LIC	BLTTA -20050308AAA
48	WFXU	LIVE OAK FL	154.1	LIC	BLCDT -20071113ACD
48	WFXU	LIVE OAK FL	67.1	APP	BPCDT -20080617ABP
48	WOPX-TV	MELBOURNE FL	182.1	LIC	BLCDT -20020510AAH

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48	WOPX-TV	MELBOURNE FL	151.6	CP	BPCDT	-20080620AKI
48	WZRA-CA	OLDSMAR FL	114.3	CP MOD	BMPDTA	-20110923AAE
48	WZRA-CA	OLDSMAR FL	114.3	LIC	BLTTA	-20061130AAL
48	WWHB-CA	STUART FL	332.5	APP	BPTTA	-NEWWWHBDC48
49	WVEN-TV	DAYTONA BEACH FL	115.1	LIC	BLCDT	-20070329ADC

Proposal causes no interference

#####

Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	WZRA-CA	OLDSMAR FL	BMPDTA -20110923AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
47	WFTT-DT	TAMPA FL	64.6	LIC	BLCDT -20090915ADR
48	WFXU	LIVE OAK FL	256.1	LIC	BLCDT -20071113ACD
48	WFXU	LIVE OAK FL	172.6	APP	BPCDT -20080617ABP
48	WOPX-TV	MELBOURNE FL	158.3	LIC	BLCDT -20020510AAH
48	WOPX-TV	MELBOURNE FL	165.0	CP	BPCDT -20080620AKI
48	W48EE-D	OCALA FL	114.3	CP	BNPDTL -20100810AAN
48	WLWN-LP	SARASOTA FL	105.3	LIC	BLTT -20000725ABJ
48	WWHB-CA	STUART FL	286.1	APP	BPTTA -NEWWWHBDC48
49	WRMD-CD	TAMPA FL	43.6	LIC	BLDTA -20110825AAW

Proposal causes no interference

#####

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	WZRA-CA	OLDSMAR FL	BLTTA -20061130AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	WTOG	ST. PETERSBURG FL	65.9	LIC	BLCDT -20090622ACD
47	WFTT-DT	TAMPA FL	64.6	LIC	BLCDT -20090915ADR
48	WFXU	LIVE OAK FL	256.1	LIC	BLCDT -20071113ACD
48	WFXU	LIVE OAK FL	172.6	APP	BPCDT -20080617ABP
48	WOPX-TV	MELBOURNE FL	158.3	LIC	BLCDT -20020510AAH
48	WOPX-TV	MELBOURNE FL	165.0	CP	BPCDT -20080620AKI
48	WWHB-CA	STUART FL	286.1	APP	BPTTA -NEWWWHBDC48

Proposal causes no interference

#####

Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	WLWN-LP	SARASOTA FL	BLTT -20000725ABJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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41	WZVN-TV	NAPLES FL	90.1	LIC	BLCDT	-20030619AAM
44	WTOG	ST. PETERSBURG FL	57.7	LIC	BLCDT	-20090622ACD
45	WXCW	NAPLES FL	90.6	LIC	BLCDT	-20021030ACB
47	WFTT-DT	TAMPA FL	59.7	LIC	BLCDT	-20090915ADR
48	WFXU	LIVE OAK FL	360.7	LIC	BLCDT	-20071113ACD
48	WFXU	LIVE OAK FL	275.7	APP	BPCDT	-20080617ABP
48	WOPX-TV	MELBOURNE FL	156.2	LIC	BLCDT	-20020510AAH
48	WOPX-TV	MELBOURNE FL	193.9	CP	BPCDT	-20080620AKI
48	WWHB-CA	STUART FL	228.8	APP	BPTTA	-NEWWWHBDC48
50	WINK-DR	FORT MYERS FL	91.8	APP	BPRM	-20090903ADS
50	WINK-TV	FORT MYERS FL	91.8	LIC	BLCDT	-20120105ABA

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	WFGC	PALM BEACH FL	BPCDT	-20100309ABX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	WOPX-TV	MELBOURNE FL	173.5	LIC	BLCDT	-20020510AAH
48	WOPX-TV	MELBOURNE FL	220.3	CP	BPCDT	-20080620AKI
48	WWHB-CA	STUART FL	29.3	APP	BPTTA	-NEWWWHBDC48
49	WVEN-TV	DAYTONA BEACH FL	263.7	LIC	BLCDT	-20070329ADC
50	WINK-DR	FORT MYERS FL	154.7	APP	BPRM	-20090903ADS
50	WINK-TV	FORT MYERS FL	154.7	LIC	BLCDT	-20120105ABA

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	WFGC	PALM BEACH FL	BLCDT	-20060627ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	WOPX-TV	MELBOURNE FL	173.5	LIC	BLCDT	-20020510AAH
48	WOPX-TV	MELBOURNE FL	220.3	CP	BPCDT	-20080620AKI
48	WWHB-CA	STUART FL	29.3	APP	BPTTA	-NEWWWHBDC48
49	WVEN-TV	DAYTONA BEACH FL	263.7	LIC	BLCDT	-20070329ADC
50	WINK-DR	FORT MYERS FL	154.7	APP	BPRM	-20090903ADS
50	WINK-TV	FORT MYERS FL	154.7	LIC	BLCDT	-20120105ABA

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	WTCN-CA	PALM BEACH FL	BDISTTA	-20080804ADZ

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Stations Potentially Affecting This Station						
Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	WHDY-DR	STUART FL	53.5	APP	BPRM	-20080620AOT
42	WHDY	STUART FL	62.3	CP MOD	BMPCDT	-20090115AFU
46	WHTT-TV	MIAMI FL	127.3	LIC	BLCDT	-20091124AGO
47	WAMI-DT	HOLLYWOOD FL	127.8	LIC	BLCDT	-20090311ACD
48	WOPX-TV	MELBOURNE FL	130.0	LIC	BLCDT	-20020510AAH
48	WWHB-CA	STUART FL	23.4	APP	BPTTA	-NEWWWHBDC48
49	WFGC	PALM BEACH FL	43.8	CP	BPCDT	-20100309ABX
49	WFGC	PALM BEACH FL	43.8	LIC	BLCDT	-20060627ABB
50	WINK-DR	FORT MYERS FL	140.8	APP	BPRM	-20090903ADS
50	WINK-TV	FORT MYERS FL	140.8	LIC	BLCDT	-20120105ABA
57	NEW	BOYNTON BEACH FL	62.3	APP	BPRM	-20000914AAV

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
51	WGFS-LP	SEBRING FL	BLTT	-20061116AEW

Stations Potentially Affecting This Station						
Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WOTF-DT	MELBOURNE FL	135.4	LIC	BLCDT	-20090616ACO
44	WTOG	ST. PETERSBURG FL	94.6	LIC	BLCDT	-20090622ACD
47	WFTT-DT	TAMPA FL	95.4	LIC	BLCDT	-20090915ADR
48	WOPX-TV	MELBOURNE FL	82.0	LIC	BLCDT	-20020510AAH
48	WOPX-TV	MELBOURNE FL	135.4	CP	BPCDT	-20080620AKI
48	WWHB-CA	STUART FL	130.9	APP	BPTTA	-NEWWWHBDC48
49	WFGC	PALM BEACH FL	140.9	CP	BPCDT	-20100309ABX
49	WFGC	PALM BEACH FL	140.9	LIC	BLCDT	-20060627ABB
50	WINK-DR	FORT MYERS FL	75.1	APP	BPRM	-20090903ADS
50	WINK-TV	FORT MYERS FL	75.1	LIC	BLCDT	-20120105ABA
51	WHLV-TV	COCOA FL	135.4	LIC	BLCDT	-20090615ADQ
51	WLZE-LD	FORT MYERS FL	78.1	LIC	BLDTL	-20111128DIL
53	WTGL-TV	COCOA FL	135.4	LIC	BPRM	-20010511ABR

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WWHB-CA	STUART FL	BPTTA	-NEWWWHBDC48

Stations Potentially Affecting This Station						
Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WAMI-DT	HOLLYWOOD FL	115.5	LIC	BLCDT	-20090311ACD
48	WOPX-TV	MELBOURNE FL	151.0	LIC	BLCDT	-20020510AAH
48	WOPX-TV	MELBOURNE FL	195.0	CP	BPCDT	-20080620AKI
48	WFUN-LD	MIAMI FL	115.5	LIC	BLDTL	-20090615ADJ

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49	WFGC	PALM BEACH FL	29.3	CP	BPCDT	-20100309ABX
49	WFGC	PALM BEACH FL	29.3	LIC	BLCDT	-20060627ABB

Total scenarios = 2

Result key: 3
Scenario 1 Affected station 20
Before Analysis

Results for: 48A FL STUART BPTTA NEWWWHBDC48 APP
HAAT 0.0 m, ATV ERP 2.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	724234	5943.8
not affected by terrain losses	724234	5943.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	148332	213.3
lost to ATV IX only	148332	213.3
lost to all IX	148332	213.3

Potential Interfering Stations Included in above Scenario 1
49A FL PALM BEACH BPCDT 20100309ABX CP

Result key: 4
Scenario 2 Affected station 20
Before Analysis

Results for: 48A FL STUART BPTTA NEWWWHBDC48 APP
HAAT 0.0 m, ATV ERP 2.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	724234	5943.8
not affected by terrain losses	724234	5943.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	138485	199.6
lost to ATV IX only	138485	199.6
lost to all IX	138485	199.6

Potential Interfering Stations Included in above Scenario 2
49A FL PALM BEACH BPCDT 20060627ABB LIC

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