



**STATEMENT OF JOHN E. HIDLE, P.E.
IN SUPPORT OF AN APPLICATION FOR
POST REPACK CONSTRUCTION PERMIT
WJTC - PENSACOLA, FLORIDA
DTV - CH. 35 - 826 kW - 457 m HAAT**

Prepared for: DEERFIELD MEDIA (MOBILE) LICENSEE, LLC

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

GENERAL

This office has been authorized by DEERFIELD MEDIA (MOBILE) LICENSEE, LLC, licensee of WJTC, channel 45, facility ID number 41210, licensed to Pensacola, Florida, to prepare this statement, FCC Form 2100, Schedule A, its technical sections, and the associated exhibits in support of an application for construction permit, in accordance with the Incentive Auction Closing and Channel Reassignment Public Notice, DA 17-314, and the technical information provided in the confidential reassignment letter from the FCC announcing the substitution for DTV channel 45 with new DTV channel 35 to be used by WJTC for its post-reassignment broadcasting.

DIRECTIONAL ANTENNA

The applicant proposes to install a new Dielectric TFU-18ETT/VP-R P290 elliptically polarized directional transmitting antenna with its center of radiation located at a height above ground of 449 meters, and a height above average terrain of 457 meters. The antenna manufacturer's directional horizontal plane azimuth radiation pattern for the horizontally polarized component is shown and tabulated in exhibit 2. The manufacturer's horizontal plane azimuth pattern for the vertically polarized component is shown and tabulated in exhibit 3. The manufacturer's vertical plane elevation radiation pattern, illustrating the antenna's radiation characteristics above and below the horizontal plane is shown and tabulated in Exhibit 4.

PREDICTED COVERAGE CONTOURS

The predicted coverage contours were calculated in accordance with the method described in Section 73.625(b) of the Rules, utilizing the appropriate F(50,90) propagation curves (47 CFR Section 73.699, Figure 9), proposed Effective Radiated Power, and antenna height above average terrain as determined for each profile radial. The average terrain on the eight cardinal radials from 3 kilometers to 16 kilometers from the site, was determined using the NED Three Second US Terrain Database as permitted in the FCC Rules. The antenna site elevation and coordinates were determined from FCC antenna registration data. Exhibit 1 shows the predicted Noise Limited (40.77 dBu) contour, and the principal community (48 dBu) contour. The 48 dBu contour completely encompasses the principal community of license, Pensacola, Florida.

ALLOCATION CONSIDERATIONS

Post-Transition DTV Considerations

A study was performed, using the FCC's software, tv_study, v. 2.2.2, to determine if the instant application for construction permit is predicted to cause new prohibited interference to post reassignment DTV stations, construction permits, DTV allotments or Class A DTV stations. The study results, shown in Appendix B, indicate that the instant application for construction permit is predicted to cause no new interference exceeding 0.5% to the populations served by any post reassignment DTV station, construction permit, allotment or Class A DTV stations. The study also shows that WJTC's proposed service area is within the baseline plus 1%. (See Appendix B)

International DTV Considerations

The WJTC site is located beyond the coordination distances from the nearest points on both the US-Canadian border and US/Mexican border.

BLANKETING AND INTERMODULATION INTERFERENCE

Other broadcast and non-broadcast facilities are either co-located with, or located within 10 km of the proposed WJTC 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

The FCC's guidelines and procedures for evaluating environmental effects of radio frequency (RF) emissions 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, and for "uncontrolled" environments that apply in all other cases that might 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. OET 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 200 microwatts per centimeter squared ($\mu\text{W}/\text{cm}^2$) for an "uncontrolled" environment, and is 1000 microwatts per centimeter squared ($\mu\text{W}/\text{cm}^2$) 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 1.5, and is similarly determined for a "controlled" environment by dividing the operating

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WJTC - Pensacola, Florida
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frequency in MHZ by 0.3.

The predicted emissions of WJTC must be considered, in addition to predicted emissions from any other proposed or existing stations at the site. For WJTC, which will operate on television Channel 35 (596-602 MHZ), the MPE is 399.33 microwatts per centimeter squared ($\mu\text{W}/\text{cm}^2$) in an "uncontrolled" environment and 1,996.7 $\mu\text{W}/\text{cm}^2$ in a "controlled" environment. The proposed WJTC facility will operate with a maximum ERP of 826 kW from an elliptically polarized directional transmitting antenna with a centerline height of 449 meters above ground level (AGL). Considering a conservative predicted vertical plane relative field factor of 0.300 the WJTC facility is predicted to produce a power density at two meters above ground level of 24.861 $\mu\text{W}/\text{cm}^2$, which is 6.23% of the FCC guideline value for an "uncontrolled" environment, and 1.246% of the FCC's guideline value for "controlled" environments. There is one full-power FM station that is located at the WJTC site. The total estimated percentage of the ANSI value at the proposed site, including the cumulative radiation from all authorizations located within the relevant proximity, is 26.57% of the limit applicable to "uncontrolled" environments, and 5.314% of the limit for "controlled" environments. (See Appendix A)

OCCUPATIONAL SAFETY

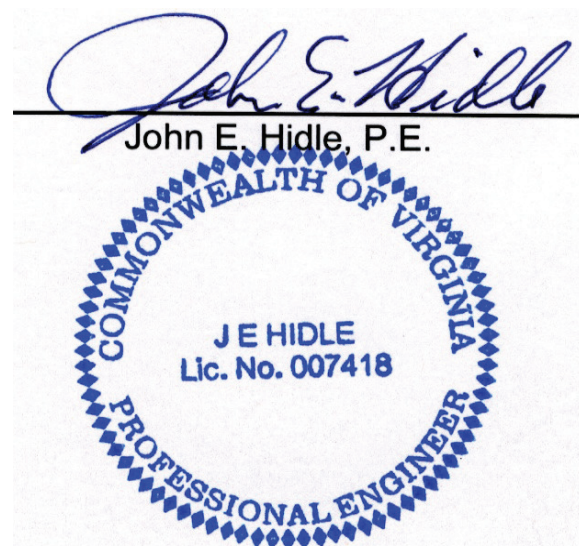
The licensee of WJTC is committed to the protection of station personnel and/or tower contractors working in the vicinity of the WJTC antenna, and is committed to reducing power or ceasing operation during times of maintenance of the transmission systems, when necessary, to ensure protection to personnel.

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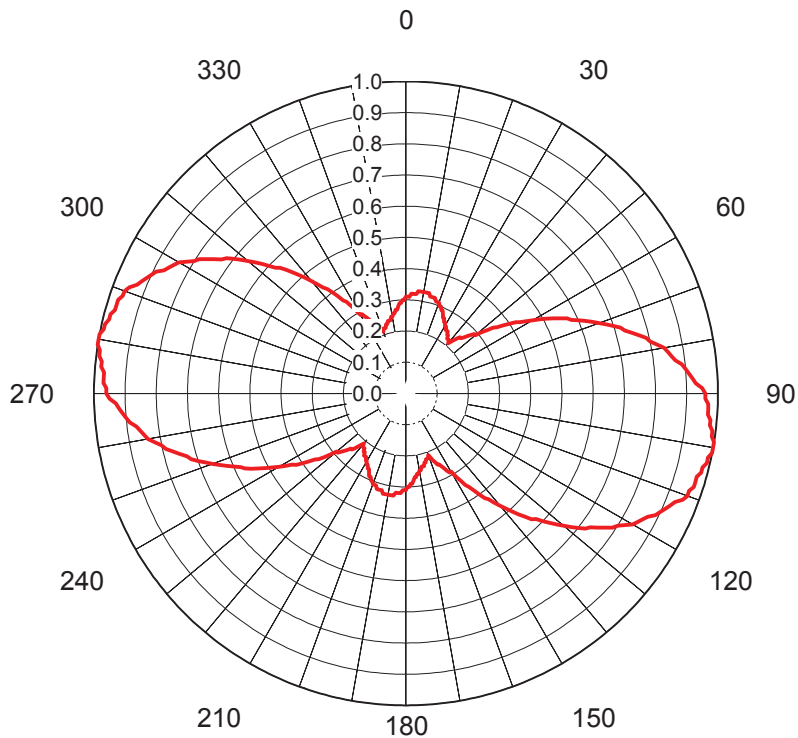
SUMMARY

It is submitted that the instant application for construction permit to change WJTC from channel 45 to channel 35, as described herein, complies with the Rules, Regulations and relevant Policies of the Federal Communications Commission. This statement, FCC Form 2100, its technical sections, 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: June 22, 2017



AZIMUTH PATTERN Horizontal Polarization



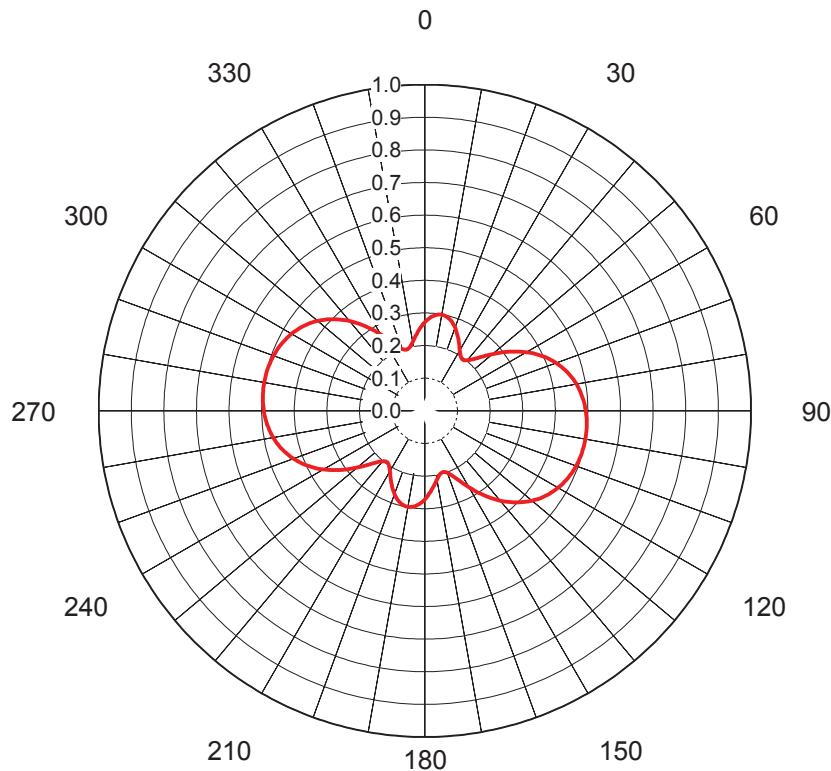
Proposal No. **C-70166**
 Date **16-Mar-17**
 Call Letters **WJTC**
 Channel **35**
 Frequency **599 MHz**
 Antenna Type **TFU-18ETT/VP-R P290**
 Gain **2.9 (4.62dB)**
 Calculated

Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value
0	0.310	36	0.230	72	0.700	108	0.970	144	0.400	180	0.310	216	0.230	252	0.700	288	0.970
1	0.310	37	0.220	73	0.720	109	0.960	145	0.380	181	0.310	217	0.220	253	0.720	289	0.960
2	0.310	38	0.220	74	0.730	110	0.960	146	0.360	182	0.310	218	0.220	254	0.730	290	0.960
3	0.320	39	0.220	75	0.750	111	0.950	147	0.350	183	0.320	219	0.220	255	0.750	291	0.950
4	0.320	40	0.210	76	0.770	112	0.930	148	0.330	184	0.320	220	0.210	256	0.770	292	0.930
5	0.320	41	0.220	77	0.790	113	0.920	149	0.310	185	0.320	221	0.220	257	0.790	293	0.920
6	0.320	42	0.230	78	0.800	114	0.910	150	0.290	186	0.320	222	0.230	258	0.800	294	0.910
7	0.330	43	0.240	79	0.820	115	0.900	151	0.290	187	0.330	223	0.240	259	0.820	295	0.900
8	0.330	44	0.250	80	0.840	116	0.890	152	0.280	188	0.330	224	0.250	260	0.840	296	0.890
9	0.330	45	0.250	81	0.850	117	0.870	153	0.270	189	0.330	225	0.250	261	0.850	297	0.870
10	0.330	46	0.260	82	0.860	118	0.860	154	0.260	190	0.330	226	0.260	262	0.860	298	0.860
11	0.330	47	0.270	83	0.870	119	0.850	155	0.250	191	0.330	227	0.270	263	0.870	299	0.850
12	0.330	48	0.280	84	0.890	120	0.840	156	0.250	192	0.330	228	0.280	264	0.890	300	0.840
13	0.330	49	0.290	85	0.900	121	0.820	157	0.240	193	0.330	229	0.290	265	0.900	301	0.820
14	0.320	50	0.290	86	0.910	122	0.800	158	0.230	194	0.320	230	0.290	266	0.910	302	0.800
15	0.320	51	0.310	87	0.920	123	0.790	159	0.220	195	0.320	231	0.310	267	0.920	303	0.790
16	0.320	52	0.330	88	0.930	124	0.770	160	0.210	196	0.320	232	0.330	268	0.930	304	0.770
17	0.320	53	0.350	89	0.950	125	0.750	161	0.220	197	0.320	233	0.350	269	0.950	305	0.750
18	0.310	54	0.360	90	0.960	126	0.730	162	0.220	198	0.310	234	0.360	270	0.960	306	0.730
19	0.310	55	0.380	91	0.960	127	0.720	163	0.220	199	0.310	235	0.380	271	0.960	307	0.720
20	0.310	56	0.400	92	0.970	128	0.700	164	0.230	200	0.310	236	0.400	272	0.970	308	0.700
21	0.300	57	0.420	93	0.970	129	0.680	165	0.230	201	0.300	237	0.420	273	0.970	309	0.680
22	0.300	58	0.430	94	0.970	130	0.660	166	0.240	202	0.300	238	0.430	274	0.970	310	0.660
23	0.290	59	0.450	95	0.980	131	0.640	167	0.240	203	0.290	239	0.450	275	0.980	311	0.640
24	0.290	60	0.470	96	0.980	132	0.620	168	0.240	204	0.290	240	0.470	276	0.980	312	0.620
25	0.280	61	0.490	97	0.990	133	0.600	169	0.250	205	0.280	241	0.490	277	0.990	313	0.600
26	0.270	62	0.510	98	0.990	134	0.580	170	0.250	206	0.270	242	0.510	278	0.990	314	0.580
27	0.270	63	0.530	99	1.000	135	0.570	171	0.260	207	0.270	243	0.530	279	1.000	315	0.570
28	0.260	64	0.550	100	1.000	136	0.550	172	0.260	208	0.260	244	0.550	280	1.000	316	0.550
29	0.260	65	0.570	101	1.000	137	0.530	173	0.270	209	0.260	245	0.570	281	1.000	317	0.530
30	0.250	66	0.580	102	0.990	138	0.510	174	0.270	210	0.250	246	0.580	282	0.990	318	0.510
31	0.250	67	0.600	103	0.990	139	0.490	175	0.280	211	0.250	247	0.600	283	0.990	319	0.490
32	0.240	68	0.620	104	0.980	140	0.470	176	0.290	212	0.240	248	0.620	284	0.980	320	0.470
33	0.240	69	0.640	105	0.980	141	0.450	177	0.290	213	0.240	249	0.640	285	0.980	321	0.450
34	0.240	70	0.660	106	0.970	142	0.430	178	0.300	214	0.240	250	0.660	286	0.970	322	0.430
35	0.230	71	0.680	107	0.970	143	0.420	179	0.300	215	0.230	251	0.680	287	0.970	323	0.420

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AZIMUTH PATTERN Vertical Polarization

Proposal No. **C-70166**
 Date **16-Mar-17**
 Call Letters **WJTC**
 Channel **35**
 Frequency **599 MHz**
 Antenna Type **TFU-18ETT/VP-R P290**
 Gain **1.9 (2.79dB)**
 Calculated



Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value
0	0.272	36	0.196	72	0.439	108	0.496	144	0.325	180	0.272	216	0.196	252	0.439	288	0.496
1	0.276	37	0.196	73	0.444	109	0.495	145	0.316	181	0.276	217	0.196	253	0.444	289	0.495
2	0.281	38	0.197	74	0.449	110	0.494	146	0.307	182	0.281	218	0.197	254	0.449	290	0.494
3	0.285	39	0.199	75	0.453	111	0.492	147	0.298	183	0.285	219	0.199	255	0.453	291	0.492
4	0.289	40	0.202	76	0.458	112	0.491	148	0.289	184	0.289	220	0.202	256	0.458	292	0.491
5	0.292	41	0.206	77	0.461	113	0.489	149	0.280	185	0.292	221	0.206	257	0.461	293	0.489
6	0.294	42	0.211	78	0.465	114	0.487	150	0.271	186	0.294	222	0.211	258	0.465	294	0.487
7	0.296	43	0.216	79	0.469	115	0.485	151	0.262	187	0.296	223	0.216	259	0.469	295	0.485
8	0.298	44	0.223	80	0.472	116	0.483	152	0.253	188	0.298	224	0.223	260	0.472	296	0.483
9	0.299	45	0.230	81	0.475	117	0.480	153	0.245	189	0.299	225	0.230	261	0.475	297	0.480
10	0.299	46	0.237	82	0.478	118	0.478	154	0.237	190	0.299	226	0.237	262	0.478	298	0.478
11	0.299	47	0.245	83	0.480	119	0.475	155	0.230	191	0.299	227	0.245	263	0.480	299	0.475
12	0.298	48	0.253	84	0.483	120	0.472	156	0.223	192	0.298	228	0.253	264	0.483	300	0.472
13	0.296	49	0.262	85	0.485	121	0.469	157	0.216	193	0.296	229	0.262	265	0.485	301	0.469
14	0.294	50	0.271	86	0.487	122	0.465	158	0.211	194	0.294	230	0.271	266	0.487	302	0.465
15	0.292	51	0.280	87	0.489	123	0.461	159	0.206	195	0.292	231	0.280	267	0.489	303	0.461
16	0.289	52	0.289	88	0.491	124	0.458	160	0.202	196	0.289	232	0.289	268	0.491	304	0.458
17	0.285	53	0.298	89	0.492	125	0.453	161	0.199	197	0.285	233	0.298	269	0.492	305	0.453
18	0.281	54	0.307	90	0.494	126	0.449	162	0.197	198	0.281	234	0.307	270	0.494	306	0.449
19	0.276	55	0.316	91	0.495	127	0.444	163	0.196	199	0.276	235	0.316	271	0.495	307	0.444
20	0.272	56	0.325	92	0.496	128	0.439	164	0.196	200	0.272	236	0.325	272	0.496	308	0.439
21	0.266	57	0.334	93	0.497	129	0.434	165	0.197	201	0.266	237	0.334	273	0.497	309	0.434
22	0.261	58	0.343	94	0.498	130	0.429	166	0.199	202	0.261	238	0.343	274	0.498	310	0.429
23	0.255	59	0.351	95	0.498	131	0.423	167	0.201	203	0.255	239	0.351	275	0.498	311	0.423
24	0.249	60	0.359	96	0.499	132	0.417	168	0.205	204	0.249	240	0.359	276	0.499	312	0.417
25	0.243	61	0.367	97	0.499	133	0.411	169	0.209	205	0.243	241	0.367	277	0.499	313	0.411
26	0.237	62	0.375	98	0.500	134	0.404	170	0.214	206	0.237	242	0.375	278	0.500	314	0.404
27	0.231	63	0.383	99	0.500	135	0.397	171	0.219	207	0.231	243	0.383	279	0.500	315	0.397
28	0.225	64	0.390	100	0.500	136	0.390	172	0.225	208	0.225	244	0.390	280	0.500	316	0.390
29	0.219	65	0.397	101	0.500	137	0.383	173	0.231	209	0.219	245	0.397	281	0.500	317	0.383
30	0.214	66	0.404	102	0.500	138	0.375	174	0.237	210	0.214	246	0.404	282	0.500	318	0.375
31	0.209	67	0.411	103	0.499	139	0.367	175	0.243	211	0.209	247	0.411	283	0.499	319	0.367
32	0.205	68	0.417	104	0.499	140	0.359	176	0.249	212	0.205	248	0.417	284	0.499	320	0.359
33	0.201	69	0.423	105	0.498	141	0.351	177	0.255	213	0.201	249	0.423	285	0.498	321	0.351
34	0.199	70	0.429	106	0.498	142	0.343	178	0.261	214	0.199	250	0.429	286	0.498	322	0.343
35	0.197	71	0.434	107	0.497	143	0.334	179	0.266	215	0.197	251	0.434	287	0.497	323	0.334

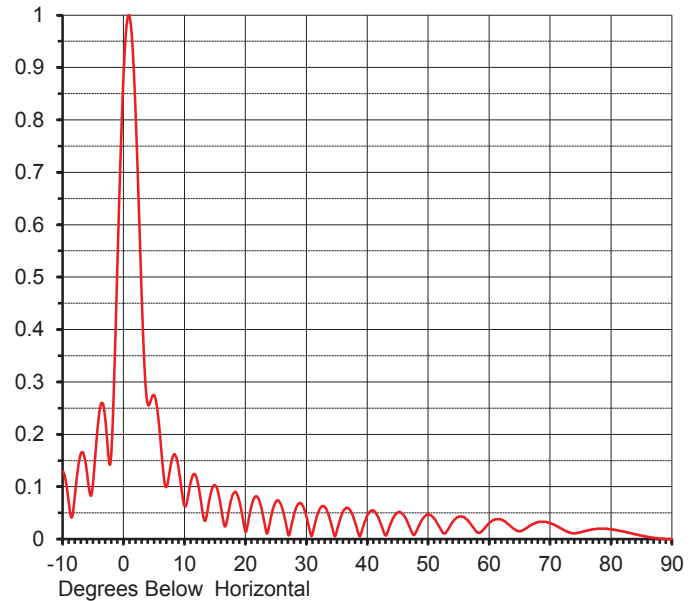
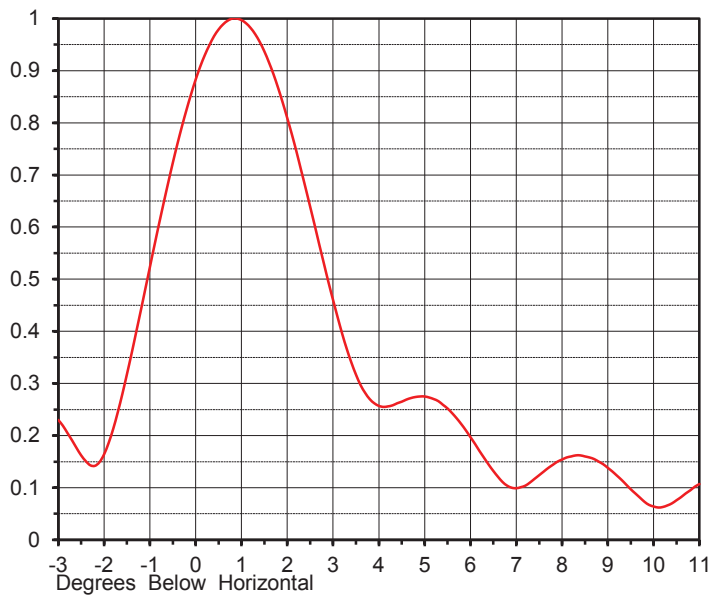
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ELEVATION PATTERN

Proposal No. **C-70166**
 Date **16-Mar-17**
 Call Letters **WJTC**
 Channel **35**
 Frequency **599 MHz**
 Antenna Type **TFU-18ETT/VP-R P290**

RMS Directivity at Main Lobe **18.4 (12.65 dB)**
 RMS Directivity at Horizontal **14.3 (11.55 dB)**
Calculated

Beam Tilt **0.75 deg**
 Pattern Number **18E184075**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.129	10.0	0.062	30.0	0.040	50.0	0.047	70.0	0.030
-9.0	0.063	11.0	0.112	31.0	0.014	51.0	0.038	71.0	0.025
-8.0	0.092	12.0	0.112	32.0	0.055	52.0	0.018	72.0	0.018
-7.0	0.165	13.0	0.043	33.0	0.060	53.0	0.016	73.0	0.013
-6.0	0.118	14.0	0.075	34.0	0.029	54.0	0.034	74.0	0.011
-5.0	0.120	15.0	0.102	35.0	0.020	55.0	0.043	75.0	0.013
-4.0	0.247	16.0	0.054	36.0	0.054	56.0	0.040	76.0	0.016
-3.0	0.219	17.0	0.042	37.0	0.057	57.0	0.027	77.0	0.019
-2.0	0.186	18.0	0.088	38.0	0.028	58.0	0.013	78.0	0.020
-1.0	0.565	19.0	0.068	39.0	0.015	59.0	0.019	79.0	0.020
0.0	0.908	20.0	0.014	40.0	0.047	60.0	0.031	80.0	0.019
1.0	0.991	21.0	0.068	41.0	0.054	61.0	0.038	81.0	0.017
2.0	0.778	22.0	0.078	42.0	0.033	62.0	0.037	82.0	0.014
3.0	0.427	23.0	0.033	43.0	0.007	63.0	0.029	83.0	0.012
4.0	0.255	24.0	0.036	44.0	0.036	64.0	0.019	84.0	0.009
5.0	0.273	25.0	0.073	45.0	0.051	65.0	0.015	85.0	0.006
6.0	0.184	26.0	0.057	46.0	0.044	66.0	0.021	86.0	0.004
7.0	0.101	27.0	0.007	47.0	0.019	67.0	0.028	87.0	0.002
8.0	0.158	28.0	0.052	48.0	0.016	68.0	0.033	88.0	0.001
9.0	0.131	29.0	0.068	49.0	0.039	69.0	0.033	89.0	0.000
								90.0	0.000

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SUMMARY OF RADIOFREQUENCY

RADIATION STUDY

WJTC, Pensacola, FL

Channel 35, 826 kW, 457 m HAAT

May, 2017

<u>CALL</u>	<u>SERVICE</u>	<u>CHANNEL</u>	<u>FREQUENCY</u>	<u>POLARIZATION</u>	<u>ANTENNA HEIGHT</u>	<u>ERP (kW)</u>	<u>VERT. RELATIVE FIELD FACTOR</u>	<u>WORST-CASE PREDICTED POWER DENSITY (mW/cm²)</u>	<u>WORST-CASE PREDICTED POWER DENSITY (μW/cm²)</u>	<u>FCC UNCONTROLLED LIMIT (μW/cm²)</u>	<u>PERCENT OF UNCONTROLLED LIMIT</u>
WJTC	DT	35	599	H & V	449	826.000	0.300	0.02486	24.861	399.33	6.23%
WPCS	FM	208	89.5	H & V	397	95.000	1.000	0.04068	40.685	200.00	20.34%
TOTAL PERCENTAGE OF FCC GUIDELINE VALUE =											26.57%

* For television stations a very conservative vertical relative field factor of 0.3 was assumed pursuant to OET Bulletin 65.



WJTC - PENSACOLA, FLORIDA Longley-Rice Interference Analysis

tvstudy v2.2.2

Database: localhost, Study: WJTC_35_457H_826K_APP, Model: Longley-Rice
Start: 2017.06.08 16:17:21

Study created: 2017.06.08 16:17:14

Study build station data: LMS TV 2017-06-07 (14)

Proposal: WJTC D35 DT APP PENSACOLA, FL
File number: WJTC_35_457H_826K_APP
Facility ID: 41210
Station data: User record
Record ID: 570
Country: U.S.
Zone: III

Non-U.S. records included

Stations potentially affected:

Call	Chan	Svc	Status	City, State	File Number	Distance
WBIH	D34	DT	BL	SELMA, AL	DTVBL84802	227.2 km
WHBR	D34	DT	LIC	PENSACOLA, FL	BLCDT20060627AAV	9.2
WRBJ-TV	D34	DT	LIC	MAGEE, MS	BLCDT20110511AGB	254.7
WEAC-CD	D35	DC	BL	JACKSONVILLE, AL	DTVBL64338	372.6
WLTZ	D35	DT	LIC	COLUMBUS, GA	BLCDT20060627ABT	327.2
KGLA-DT	D35	DT	BL	HAMMOND, LA	DTVBL83945	238.9
WTVY	D36	DT	LIC	DOTHAN, AL	BLCDT20090901AAL	177.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D35
Latitude: 30 35 16.70 N (NAD83)
Longitude: 87 33 12.70 W
Height AMSL: 490.0 m
HAAT: 457.0 m
Peak ERP: 826 kW
Antenna: AND-ATW27H5-HTP5L-44H (ID 42957) 10.0 deg

40.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	78.9 kW	446.0 m	88.5 km
45.0	53.1	461.4	86.6
90.0	756	473.9	110.3
135.0	264	480.5	100.6
180.0	78.9	463.7	89.5
225.0	53.1	456.5	86.3
270.0	756	450.8	108.4
315.0	264	465.7	99.4

Appendix B - Interference Analysis **WJTC - Pensacola, Florida** **Channel 35 - 826 kW - Page 2**

Database HAAT does not agree with computed HAAT
Database HAAT: 457 m Computed HAAT: 462 m

ERP exceeds maximum
ERP: 826 kW ERP maximum: 623 kW

Proposal service area is within baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 1307.2 km

Distance to Mexican border: 1050.2 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 35.4 degrees Distance: 450.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 308.4 degrees Distance: 1914.9 km

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

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

Interference to DTVBL84802 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL84802 BL, scenario 2
Proposal causes no interference.

Interference to BLCDT20060627AAV LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WHBR	D34	DT	LIC	PENSACOLA, FL	BLCDT20060627AAV	
Undesireds:	WJTC	D35	DT	BL	PENSACOLA, FL	DTVBL41210	9.2 km
	WJTC	D35	DT	APP	PENSACOLA, FL	WJTC_35_457H_826K_APP	9.2
	WPCT	D33	DT	BL	PANAMA CITY BEACH, FL	DTVBL4354	185.2
	WBIH	D34	DT	BL	SELMA, AL	DTVBL84802	227.4
	WSST-TV	D34	DT	BL	CORDELE, GA	DTVBL63867	391.6
	WVLA-TV	D34	DT	LIC	BATON ROUGE, LA	BLCDT20051221A00	349.4
	WRBJ-TV	D34	DT	LIC	MAGEE, MS	BLCDT20110511AGB	246.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
28190.1 1,302,764	28090.6 1,302,041	27700.2 1,295,428	27704.2 1,295,428	-0.01 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WJTC D35 DT BL 95.9	2,284	91.9	2,272
WJTC D35 DT APP 91.9	2,284		87.9 2,272
WBIH D34 DT BL 115.3	2,688	67.6	67.6 1,658
WVLA-TV D34 DT LIC 55.8	1,251	8.0	8.0 64
WRBJ-TV D34 DT LIC 218.9	2,607	135.4	135.4 1,323

Interference to BLCDT20110511AGB LIC, scenario 1
Proposal causes no interference.

Appendix B - Interference Analysis
WJTC - Pensacola, Florida
Channel 35 - 826 kW - Page 3

Interference to BLCDT20110511AGB LIC, scenario 2
 Proposal causes no interference.

Interference to DTVBL64338 BL, scenario 1
 Proposal causes no interference.

Interference to DTVBL64338 BL, scenario 2
 Proposal causes no interference.

Interference to BLCDT20060627ABT LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WLTZ	D35	DT	LIC	COLUMBUS, GA	BLCDT20060627ABT	
Undesireds:	WJTC	D35	DT	BL	PENSACOLA, FL	DTVBL41210	327.3 km
	WJTC	D35	DT	APP	PENSACOLA, FL	WJTC_35_457H_826K_APP	327.2
	WSST-TV	D34	DT	BL	CORDELE, GA	DTVBL63867	119.5
	WEAC-CD	D35	DC	BL	JACKSONVILLE, AL	DTVBL64338	158.7
	WGSA	D35	DT	LIC	BAXLEY, GA	BLCDT20071120AJC	336.3
	WBVJ-CD	D35+	DC	LIC	VALDOSTA, GA	BLANK0000004708	224.0
	WMYA-TV	D35	DT	BL	ANDERSON, SC	DTVBL56548	343.4
	WTCI	D35	DT	BL	CHATTANOOGA, TN	DTVBL65667	307.7
	WUPA	D36	DT	BL	ATLANTA, GA	DTVBL6900	158.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
20640.1 689,521	20371.2 685,358	20142.8 681,337	20142.8 681,337	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WJTC D35 DT BL 4.1 133	4.1 133	4.1 133	
WJTC D35 DT APP 4.1 133	4.1 133	4.1 133	
WEAC-CD D35 DC BL 116.0 2,392	100.0 2,257	100.0 2,257	
WGSA D35 DT LIC 52.4 539	52.4 539	52.4 539	
WMYA-TV D35 DT BL 20.0 460	12.0 439	12.0 439	
WTCI D35 DT BL 44.0 553	20.0 397	20.0 397	
WUPA D36 DT BL 16.0 100	16.0 100	16.0 100	

Interference to DTVBL83945 BL, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KGLA-DT	D35	DT	BL	HAMMOND, LA	DTVBL83945	
Undesireds:	WJTC	D35	DT	BL	PENSACOLA, FL	DTVBL41210	238.9 km
	WJTC	D35	DT	APP	PENSACOLA, FL	WJTC_35_457H_826K_APP	238.9
	WVLA-TV	D34	DT	LIC	BATON ROUGE, LA	BLCDT20051221A00	134.1
	KALB-TV	D35	DT	LIC	ALEXANDRIA, LA	BLCDT20090924AAC	271.6
	KBTR-CD	D36	DC	BL	BATON ROUGE, LA	DTVBL24977	129.8
	WBXN-CD	D36	DC	BL	NEW ORLEANS, LA	DTVBL70419	12.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25214.0 1,645,641	25210.0 1,645,641	25109.9 1,643,431	25109.9 1,643,431	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WJTC D35 DT BL 64.0 1,114	56.0 1,095	56.0 1,095	
WJTC D35 DT APP 64.0 1,114	56.0 1,095	56.0 1,095	
WVLA-TV D34 DT LIC 28.1 1,028	28.1 1,028	28.1 1,028	
KALB-TV D35 DT LIC 16.0 87	8.0 68	8.0 68	

Interference to BLCDT20090901AAL LIC, scenario 1

Appendix B - Interference Analysis
WJTC - Pensacola, Florida
Channel 35 - 826 kW - Page 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTVY	D36	DT	LIC	DOTHAN, AL	BLCDT20090901AAL	
Undesireds:	WJTC	D35	DT	BL	PENSACOLA, FL	DTVBL41210	177.0 km
	WJTC	D35	DT	APP	PENSACOLA, FL	WJTC_35_457H_826K_APP	177.0
	WLTZ	D35	DT	LIC	COLUMBUS, GA	BLCDT20060627ABT	189.2
	WSES	D36	DT	BL	TUSCALOOSA, AL	DTVBL21258	325.9
	WUFT	D36	DT	LIC	GAINESVILLE, FL	BLEDT20040304AAF	348.2
	WUPA	D36	DT	BL	ATLANTA, GA	DTVBL6900	346.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
44472.9 974,532	44171.3 971,173	43685.5 965,867	43689.5 966,199	-0.01 -0.03

Undesired	Total IX	Unique IX, before	Unique IX, after
WJTC D35 DT BL 160.0	532	156.1 502	
WJTC D35 DT APP 156.0	200		152.1 170
WSES D36 DT BL 224.9	1,325	152.1 738	152.1 738
WUFT D36 DT LIC 28.0	1,016	28.0 1,016	28.0 1,016
WUPA D36 DT BL 145.6	3,020	76.8 2,463	76.8 2,463

Interference to proposal, scenario 1
0.72% interference

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WJTC	D35	DT	APP	PENSACOLA, FL	WJTC_35_457H_826K_APP	
Undesireds:	WHBR	D34	DT	LIC	PENSACOLA, FL	BLCDT20060627AAV	9.2 km
	WEAC-CD	D35	DC	BL	JACKSONVILLE, AL	DTVBL64338	372.6
	WLTZ	D35	DT	LIC	COLUMBUS, GA	BLCDT20060627ABT	327.2
	KGLA-DT	D35	DT	BL	HAMMOND, LA	DTVBL83945	238.9
	WTVY	D36	DT	LIC	DOTHAN, AL	BLCDT20090901AAL	177.0

Service area	Terrain-limited	IX-free	Percent IX
29238.8 1,347,474	29195.0 1,346,210	28955.7 1,336,569	0.82 0.72

Undesired	Total IX	Unique IX	Prcnt Unique IX
WHBR D34 DT LIC 119.6	6,085	119.6 6,085	0.41 0.45
KGLA-DT D35 DT BL 67.8	975	67.8 975	0.23 0.07
WTVY D36 DT LIC 51.9	2,581	51.9 2,581	0.18 0.19