



**STATEMENT OF JOHN E. HIDLE, P.E.
IN SUPPORT OF AN APPLICATION FOR
A MINOR MODIFICATION OF A
POST REPACK CONSTRUCTION PERMIT
FILE # 0000033781
WHP-TV - HARRISBURG, PENNSYLVANIA
DTV - CH. 32 - 1000 kW - 369 m HAAT**

Prepared for: WHP LICENSEE, LLC

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

GENERAL

This office has been authorized by WHP LICENSEE, LLC, licensee of WHP-TV, channel 21, facility ID number 72313, licensed to Harrisburg, Pennsylvania, to prepare this statement, FCC Form 2100, Schedule A, its technical sections, and the associated exhibits in support of an application for a minor modification of its post-reassignment construction permit, File # 0000033781, that authorizes WHP-TV to use channel 32 for its post-reassignment broadcasting. The instant modification application proposes only to change the model number of WHP-TV's authorized omni-directional antenna, a Dielectric model TFU-26GBH/VP-R O8, by substitution of a Dielectric model TFU-27ETT/VP-R O6. No other changes are proposed.

OMNI-DIRECTIONAL ANTENNA

The applicant proposes to install a new Dielectric model TFU-27ETT/VP-R O6 elliptically polarized omni-directional transmitting antenna with its center of radiation located at a height above ground of 141 meters, and a height above average terrain of 369 meters. The antenna elevation data are shown in exhibit 2.

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 (40.51 dBu) contour, and the principal community (48 dBu) contour, which completely encompasses the principal community of license, Harrisburg, Pennsylvania.

ALLOCATION CONSIDERATIONS

Post-Transition DTV Considerations

A study was performed, using the FCC's software, *tvstudy*, v. 2.2.3, 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.

International DTV Considerations

The WHP-TV site is located 325.1 kilometers from the nearest point on the US-Canadian border. The above study includes the relevant Canadian DTV facilities, and shows no predicted interference to any Canadian DTV facility. (See Appendix B)

BLANKETING AND INTERMODULATION INTERFERENCE

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

RADIO FREQUENCY IMPACT

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

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“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, in $\mu\text{W}/\text{cm}^2$ for an “uncontrolled” environment by dividing the operating frequency in MHz by 1.500, and is similarly determined for a “controlled” environment by dividing the operating frequency in MHz by 0.300.

The predicted emissions of WHP-TV must be considered, in addition to predicted emissions from any other proposed or existing stations at the site. For WHP-TV, which will operate on television Channel 32 (578-584 MHz), the MPE is 387.33 microwatts per centimeter squared ($\mu\text{W}/\text{cm}^2$) in an “uncontrolled” environment and 1,936.7 $\mu\text{W}/\text{cm}^2$ in a “controlled” environment. The proposed WHP-TV facility will operate with a maximum ERP

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of 1000 kW from an elliptically polarized omni-directional transmitting antenna with a centerline height of 141 meters above ground level (AGL). Considering the antenna vertical plane relative field factor of 0.150 the WHP-TV facility is predicted to produce a power density at two meters above ground level of $77.814 \mu\text{W}/\text{cm}^2$, which is 20.09% of the FCC guideline value for an "uncontrolled" environment, and 4.018% of the FCC's guideline value for "controlled" environments. There are two other DTV facilities, two FM radio stations, one FM station auxiliary facility and one FM translator that are located at the WHP-TV site. The total estimated percentage of the ANSI value at the proposed site, including the cumulative radiation from all facilities within the relevant proximity, is 69.95% of the limit applicable to "uncontrolled" environments, and 13.99% of the limit for "controlled" environments. (See Appendix A)

OCCUPATIONAL SAFETY

The licensee of WHP-TV is committed to the protection of station personnel and/or tower contractors working in the vicinity of the WHP-TV 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.

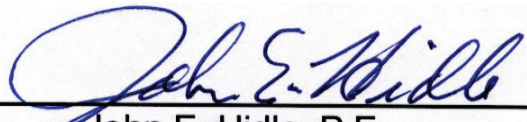
SUMMARY

It is submitted that the instant application for a minor modification to its post-reassignment channel 32 construction permit to change WHP-TV's authorized omni-directional antenna to a Dielectric model TFU-27ETT/VP-R O6, as described herein,


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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: May 16, 2019



John E. Hidle, P.E.





PREDICTED COVERAGE CONTOURS

WHP-TV - HARRISBURG, PENNSYLVANIA
DTV Channel 32 - 1000 kW ERP - 369 M HAAT
MAY, 2019

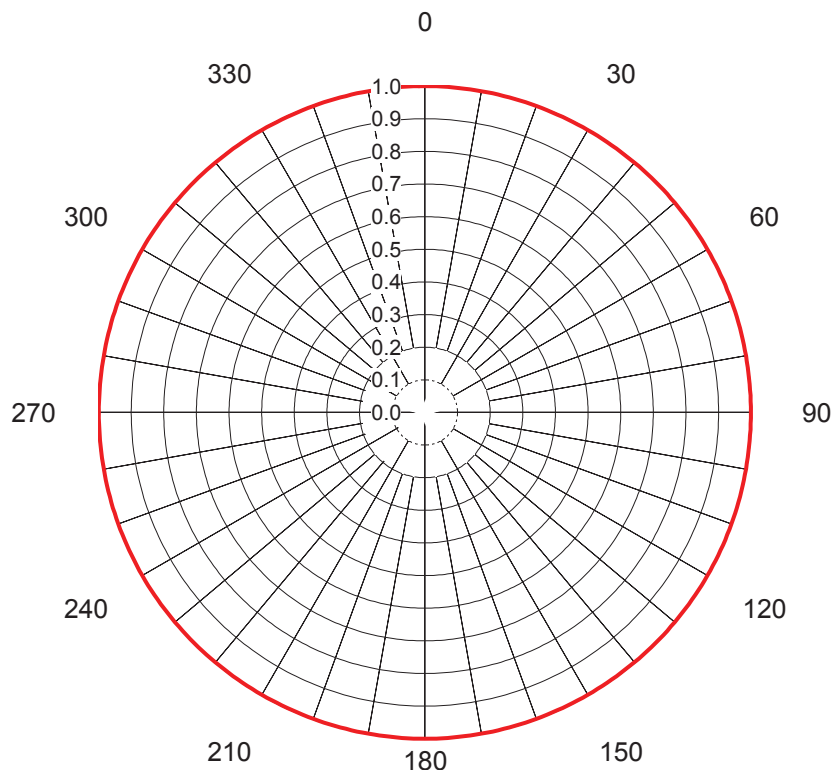
Predicted Noise Limited 40.51 dBU
 F(50,90) Coverage Contour



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

AZIMUTH PATTERN Horizontal Polarization

Proposal No. **C-70010-4**
 Date **4-May-18**
 Call Letters **WHP**
 Channel **32**
 Frequency **581 MHz**
 Antenna Type **TFU-27ETT/VP-R O6**
 Gain **1 (0dB)**
 Calculated
 Circularity **+/- 1.0 dB**

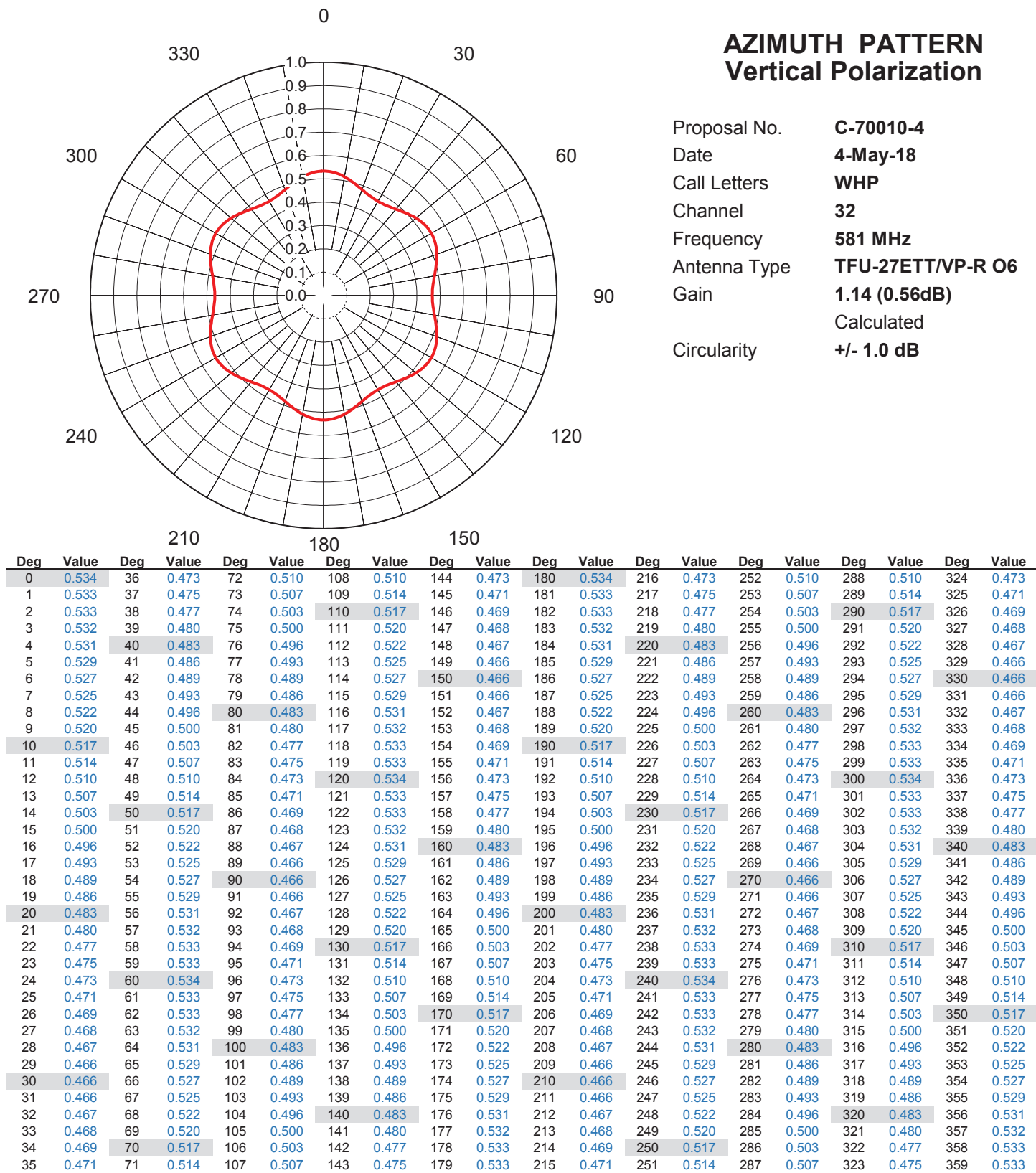


Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value
0	1.000	36	0.999	72	1.000	108	1.000	144	0.999	180	1.000	216	0.999	252	1.000	288	1.000	324	0.999
1	1.000	37	0.999	73	1.000	109	1.000	145	0.999	181	1.000	217	0.999	253	1.000	289	1.000	325	0.999
2	1.000	38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

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AZIMUTH PATTERN Vertical Polarization

Proposal No. **C-70010-4**
 Date **4-May-18**
 Call Letters **WHP**
 Channel **32**
 Frequency **581 MHz**
 Antenna Type **TFU-27ETT/VP-R O6**
 Gain **1.14 (0.56dB)**
 Calculated
 Circularity **+/- 1.0 dB**



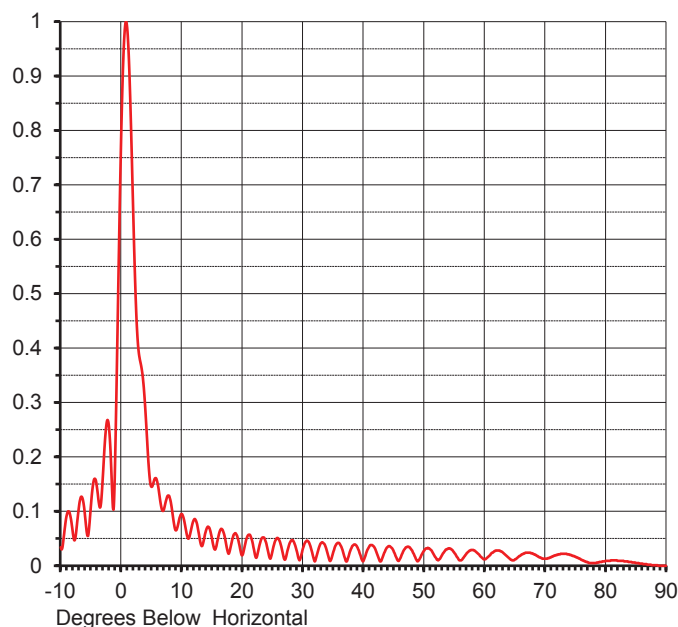
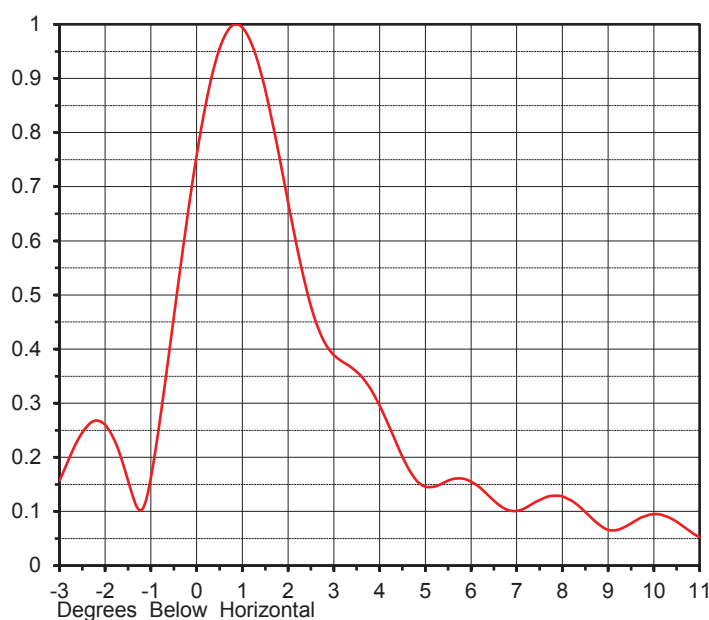
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ELEVATION PATTERN

Proposal No. **C-70010-4**
 Date **4-May-18**
 Call Letters **WHP**
 Channel **32**
 Frequency **581 MHz**
 Antenna Type **TFU-27ETT/VP-R O6**

RMS Directivity at Main Lobe **25.3 (14.04 dB)**
 RMS Directivity at Horizontal **16.5 (12.17 dB)**
Calculated

Beam Tilt **0.75 deg**
 Pattern Number **27E253075**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.034	10.0	0.095	30.0	0.033	50.0	0.028	70.0	0.013
-9.0	0.094	11.0	0.050	31.0	0.042	51.0	0.030	71.0	0.016
-8.0	0.059	12.0	0.085	32.0	0.009	52.0	0.013	72.0	0.020
-7.0	0.109	13.0	0.045	33.0	0.042	53.0	0.021	73.0	0.022
-6.0	0.091	14.0	0.066	34.0	0.024	54.0	0.032	74.0	0.020
-5.0	0.115	15.0	0.047	35.0	0.026	55.0	0.023	75.0	0.016
-4.0	0.141	16.0	0.053	36.0	0.041	56.0	0.010	76.0	0.011
-3.0	0.176	17.0	0.056	37.0	0.010	57.0	0.023	77.0	0.006
-2.0	0.248	18.0	0.033	38.0	0.033	58.0	0.029	78.0	0.005
-1.0	0.214	19.0	0.057	39.0	0.033	59.0	0.021	79.0	0.007
0.0	0.808	20.0	0.020	40.0	0.010	60.0	0.012	80.0	0.009
1.0	0.982	21.0	0.057	41.0	0.037	61.0	0.022	81.0	0.010
2.0	0.628	22.0	0.023	42.0	0.028	62.0	0.028	82.0	0.009
3.0	0.382	23.0	0.046	43.0	0.012	63.0	0.024	83.0	0.008
4.0	0.278	24.0	0.037	44.0	0.035	64.0	0.014	84.0	0.007
5.0	0.145	25.0	0.030	45.0	0.025	65.0	0.012	85.0	0.005
6.0	0.150	26.0	0.048	46.0	0.013	66.0	0.020	86.0	0.004
7.0	0.103	27.0	0.011	47.0	0.034	67.0	0.024	87.0	0.002
8.0	0.124	28.0	0.046	48.0	0.028	68.0	0.022	88.0	0.001
9.0	0.065	29.0	0.025	49.0	0.009	69.0	0.016	89.0	0.000
								90.0	0.000

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SUMMARY OF RADIOFREQUENCY RADIATION STUDY

WHP-TV, Harrisburg, PA
Channel 32, 1000 kW, 369 m HAAT
October, 2017

<u>CALL</u>	<u>SERVICE</u>	<u>CHANNEL</u>	<u>FREQUENCY</u>	<u>POLAR- IZATION</u>	<u>ANTENNA HEIGHT</u>	<u>ERP (kW)</u>	<u>VERT. RELATIVE FIELD FACTOR</u>	<u>WORST-CASE PREDICTED POWER DENSITY ($\mu\text{W}/\text{cm}^2$)</u>	<u>FCC UNCONTROLLED LIMIT ($\mu\text{W}/\text{cm}^2$)</u>	<u>PERCENT OF UNCONTROLLED LIMIT</u>
WHP-TV**	DT	32	581	H & V	141	1000.000	0.150	77.814	387.33	20.09%
WITF-TV	DT	36	605	H	192	50.000	0.300	4.165	403.33	1.03%
WGAL(DT)	DT	49	683	H	170	15.000	0.300	1.598	455.33	0.35%
WITF-FM	FM	208	89.5	H & V	199	5.900	<note 1>	1.901	200.00	0.95%
WRBT(AUX)	FM	235	94.9	H & V	30	2.400	<note 2>	28.960	200.00	14.48%
WRVV	FM	247	97.3	H & V	45	15.000	<note 2>	65.220	200.00	32.61%
W269AS	FM	268	101.5	V	80	0.160	1.000	0.879	200.00	0.44%

TOTAL PERCENTAGE OF FCC GUIDELINE VALUE = 69.95%

** For WHP-TV the actual elevation pattern shows less than a 0.15 field at angles greater than 4 degrees below horizontal.

note 1: FM Model Antenna: EPA Type 2; 2-bay, full wave spaced antenna,

note 2: FM Model Antenna: EPA Type 3; ERI Rototiller Type, 2-bay, full wave spaced antenna



WHP-TV - HARRISBURG, PENNSYLVANIA Longley-Rice Interference Analysis

tvstudy v2.2.3 (Dxtpx3)

Database: localhost, Study: WHP-32 OMNI 1MW 171005, Model: Longley-Rice

Start: 2017.10.05 15:21:15

Study created: 2017.10.05 15:20:32

Study build station data: LMS TV 2017-10-01 (38)

Proposal: WHP-TV D32 DT CP HARRISBURG, PA
File number: WHP-32 OMNI 1MW 171005
Facility ID: 72313
Station data: User record
Record ID: 1859
Country: U.S.
Zone: I

Search options:

Non-U.S. records included

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
WETA-TV	D31	DT	APP	WASHINGTON, DC	BLANK0000029879	156.1 km
WMPT	D31	DT	CP	ANNAPOLIS, MD	BLANK0000025178	150.1
WATM-TV	D31	DT	CP	ALTOONA, PA	BLANK0000028661	135.5
WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000027331	142.5
WBOC-TV	D32	DT	CP	SALISBURY, MD	BLANK0000028422	230.0
WNLO	D32	DT	LIC	BUFFALO, NY	BLCDT20070320AAV	343.6
WLIW	D32	DT	CP	GARDEN CITY, NY	BLANK0000025351	292.7
WMVH-CD	D32	DC	CP	CHARLEROI, PA	BLANK0000027843	258.0
WKHU-CD	D32	DC	CP	KITTANNING, PA	BLANK0000027841	230.4
WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	296.9
WHUT-TV	D33	DT	CP	WASHINGTON, DC	BPEDT20120627AAD	156.1
WPSG	D33	DT	CP	PHILADELPHIA, PA	BLANK0000024876	142.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D32
Latitude: 40 20 43.10 N (NAD83)
Longitude: 76 52 8.30 W
Height AMSL: 540.3 m
HAAT: 369.0 m
Peak ERP: 1000 kW
Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 1.0

40.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1000 kW	317.6 m	99.8 km
45.0	1000	264.0	92.9
90.0	1000	397.3	107.0
135.0	1000	394.3	106.8
180.0	1000	425.1	109.6
225.0	1000	422.6	109.4
270.0	1000	288.4	96.4
315.0	1000	361.8	103.8

Appendix B - Interference Analysis **WHP-TV - Harrisburg, Pennsylvania** **Channel 32 - 1000 kW - Page 2**

Database HAAT does not agree with computed HAAT
Database HAAT: 369 m Computed HAAT: 359 m

**Proposal service area extends beyond baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 325.1 km

Distance to Mexican border: 2445.6 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 178.2 degrees Distance: 131.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 278.8 degrees Distance: 2395.3 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 BLANK0000029879 APP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WETA-TV	D31	DT	APP	WASHINGTON, DC	BLANK0000029879	
Undesireds:	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	156.1 km
	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005	156.1
	WAZT-CD	D30	DC	CP	WOODSTOCK, VA	BLANK0000027758	54.2
	WMPT	D31	DT	CP	ANNAPOLIS, MD	BLANK0000025178	41.2
	WATM-TV	D31	DT	CP	ALTOONA, PA	BLANK0000028661	214.3
	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000027331	199.0
	WHRO-TV	D31	DT	CP	HAMPTON-NORFOLK, VA	BLANK0000026987	243.3
	WBOC-TV	D32	DT	CP	SALISBURY, MD	BLANK0000028422	134.0
	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	162.5

	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	26547.6 8,315,499	25551.9	8,258,807	11241.9	5,402,104	11237.9 5,401,977	0.04 0.00
Undesired			Total IX	Unique IX, before		Unique IX, after	
WHP-TV D32 DT BL	4.0		326	0.0		0	
WHP-TV D32 DT CP	23.7		1,707			4.0	127
WAZT-CD D30 DC CP	164.2		3,022	32.0		32.0	302
WMPT D31 DT CP	14194.5		2,853,463	13436.9 2,810,465		13425.0	2,809,425
WATM-TV D31 DT CP	222.6		16,037	15.8		15.8	909
WTFX-TV D31 DT CP	191.4		11,754	7.9		7.9	1,022
WHRO-TV D31 DT CP	346.5		17,537	39.8		39.8	201
WBOC-TV D32 DT CP	92.5		2,640	0.0		0.0	0
WCAV D32 DT CP	4.0		51	0.0		0.0	0

----- Interference to BLANK0000025178 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMPT	D31	DT	CP	ANNAPOLIS, MD	BLANK0000025178	
Undesireds:	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	150.1 km
	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005	150.1
	WIAV-CD	D30	DC	APP	WASHINGTON, DC	BLANK0000029340	41.6
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000024874	164.0
	WETA-TV	D31	DT	APP	WASHINGTON, DC	BLANK0000029879	41.2
	WATM-TV	D31	DT	CP	ALTOONA, PA	BLANK0000028661	233.5
	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000027331	164.1
	WHRO-TV	D31	DT	CP	HAMPTON-NORFOLK, VA	BLANK0000026987	244.9

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WBOC-TV		D32	DT	CP	SALISBURY, MD		BLANK0000028422		100.8	
Service area		Terrain-limited			IX-free, before		IX-free, after		Percent	New IX
23985.0	7,951,360	23741.9		7,919,943	8620.4	3,039,717	8616.4	3,039,551	0.05	0.01
Undesired				Total IX	Unique IX, before		Unique IX, after			
WHP-TV D32 DT BL		8.1		238	0.0	0				
WHP-TV D32 DT CP		44.0		2,489			4.0	166		
WIAV-CD D30 DC APP		32.0		30,954	4.0	8,590	4.0	8,590		
KYW-TV D30 DT CP		4.0		8	0.0	0	0.0	0		
WETA-TV D31 DT APP		15021.6		4,858,289	13183.2	4,729,214	13155.2	4,727,528		
WATM-TV D31 DT CP		107.4		7,256	4.0	24	4.0	24		
WTFX-TV D31 DT CP		1318.3		100,119	51.9	8,859	51.9	8,859		
WHRO-TV D31 DT CP		282.7		17,013	3.9	30	3.9	30		
WBOC-TV D32 DT CP		405.3		12,159	0.0	0	0.0	0		

Interference to BLANK0000028661 CP, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance			
Desired:	WATM-TV	D31	DT	CP	ALTOONA, PA	BLANK0000028661				
Undesireds:	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	135.5 km			
	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005	135.5			
	WETA-TV	D31	DT	APP	WASHINGTON, DC	BLANK0000029879	214.3			
	WMPT	D31	DT	CP	ANNAPOLIS, MD	BLANK0000025178	233.5			
	WSKG-TV	D31	DT	CP	BINGHAMTON, NY	BLANK0000028130	266.5			
	WNED-TV	D31	DT	CP	BUFFALO, NY	BLANK0000026684	276.5			
	WYTV	D31	DT	CP	YOUNGSTOWN, OH	BLANK0000028136	192.3			
	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000027331	277.9			
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX		
23383.7	893,989	19245.2	749,183	18690.7	742,587	18682.7	742,587	0.04	0.00	
Undesired				Total IX	Unique IX, before		Unique IX, after			
WHP-TV D32 DT BL		80.2	960	36.1	493					
WHP-TV D32 DT CP		92.2	1,068			44.1	493			
WETA-TV D31 DT APP		305.6	3,181	197.2	1,964	197.2	1,964			
WMPT D31 DT CP		120.6	909	20.2	119	20.2	119			
WSKG-TV D31 DT CP		24.2	31	8.0	31	8.0	31			
WNED-TV D31 DT CP		20.3	214	4.1	127	4.1	127			
WYTV D31 DT CP		172.5	2,604	108.3	2,000	108.3	2,000			
WTFX-TV D31 DT CP		76.3	764	24.0	412	20.0	304			

Interference to BLANK0000027331 CP, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance	
Desired:	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000027331		
Undesireds:	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	142.5 km	
	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005	142.5	
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000024874	0.4	
	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000027739	273.8	
	WETA-TV	D31	DT	APP	WASHINGTON, DC	BLANK0000029879	199.0	
	WMPT	D31	DT	CP	ANNAPOLIS, MD	BLANK0000025178	164.1	
	WSKG-TV	D31	DT	CP	BINGHAMTON, NY	BLANK0000028130	232.3	
	WATM-TV	D31	DT	CP	ALTOONA, PA	BLANK0000028661	277.9	
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
25892.3	9,479,256	25307.8	9,285,052	22983.4	8,888,870	22939.1	8,883,477	0.19 0.06
Undesired				Total IX	Unique IX, before		Unique IX, after	
WHP-TV D32 DT BL		197.3	32,125	28.2	4,161			
WHP-TV D32 DT CP		310.1	46,584			72.4	9,554	
KYW-TV D30 DT CP		256.9	37,266	200.7	30,752	200.7	30,752	
WVIT D31 DT CP		52.0	16,089	0.0	0	0.0	0	
WETA-TV D31 DT APP		1117.4	225,811	236.8	52,511	196.5	45,881	

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WMPT D31 DT CP	1674.0	278,954	793.3	105,022	793.3	105,022
WSKG-TV D31 DT CP	8.0	4,465	4.0	3,926	4.0	3,926
WATM-TV D31 DT CP	349.5	59,271	76.2	10,725	76.2	10,725

Interference to BLANK0000028422 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WBOC-TV	D32	DT	CP	SALISBURY, MD	BLANK0000028422	
Undesireds:	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.0 km
	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005	230.0
	WMPT	D31	DT	CP	ANNAPOLIS, MD	BLANK0000025178	100.8
	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	254.4
	WPXV-TV	D32	DT	CP	NORFOLK, VA	BLANK0000026979	203.1
	WHUT-TV	D33	DT	LIC	WASHINGTON, DC	BLEDT20071018AIJ	134.0

	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
22513.7	793,136	22513.7	793,136	22222.3	789,959	22198.5 789,289	0.11 0.08

Undesired		Total IX	Unique IX, before	Unique IX, after
WHP-TV D32 DT BL	8.0	190	8.0	190
WHP-TV D32 DT CP	31.8	860		31.8 860
WMPT D31 DT CP	195.8	2,125	195.8	2,125
WCAV D32 DT CP	4.0	5	0.0	0
WPXV-TV D32 DT CP	87.6	862	83.6	857

Interference to BLCDT20070320AAV LIC, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDT20070320AAV	
Undesireds:	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	343.6 km
	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005	343.6
	WGRZ	D33	DT	LIC	BUFFALO, NY	BLCDT20050705AAG	45.3

	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
17693.2	1,538,108	16628.7	1,502,969	15967.3	1,482,578	15959.3 1,482,554	0.05 0.00
12603.0	5,466,605	12583.1	5,448,042	12583.1	5,448,042	12583.1 5,448,042	0.00 0.00 (in
Canada)							

Undesired		Total IX	Unique IX, before	Unique IX, after
WHP-TV D32 DT BL	4.0	59	4.0	59
WHP-TV D32 DT CP	12.0	83		12.0 83
WGRZ D33 DT LIC	657.4	20,332	657.4	20,332

Interference to BLANK0000025351 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WLIW	D32	DT	CP	GARDEN CITY, NY	BLANK0000025351	
Undesireds:	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	292.7 km
	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005	292.7
	WGBX-TV	D32	DT	APP	BOSTON, MA	BLANK0000025427	250.1
	WBOC-TV	D32	DT	CP	SALISBURY, MD	BLANK0000028422	315.6
	WCCT-TV	D33	DT	CP	WATERBURY, CT	BLANK0000025071	114.1

	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
10816.4	14,008,719	10639.8	13,851,979	10571.9	13,753,912	10528.0 13,695,580	0.41 0.42

Undesired		Total IX	Unique IX, before	Unique IX, after
WHP-TV D32 DT BL	44.0	93,610	31.9	66,849
WHP-TV D32 DT CP	87.9	151,942		75.8 125,181
WGBX-TV D32 DT APP	32.0	6,969	19.9	4,457
WBOC-TV D32 DT CP	4.0	24,249	0.0	0
WCCT-TV D33 DT CP	4.0	0	0.0	0

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Interference to BLANK0000025351 CP, scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WLIW	D32	DT	CP	GARDEN CITY, NY	BLANK0000025351	
Undesireds:	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	292.7 km
	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005	292.7
	WGBX-TV	D32	DT	BL	BOSTON, MA	DTVBL72098	250.1
	WBOC-TV	D32	DT	CP	SALISBURY, MD	BLANK0000028422	315.6
	WCCT-TV	D33	DT	CP	WATERBURY, CT	BLANK0000025071	114.1
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
10816.4 14,008,719		10639.8 13,851,979		10575.9 13,754,349		10532.0 13,696,017	0.41 0.42
Undesired		Total IX		Unique IX, before		Unique IX, after	
WHP-TV D32 DT BL		44.0 93,610		36.0 68,514			
WHP-TV D32 DT CP		87.9 151,942				79.8 126,846	
WGBX-TV D32 DT BL		23.9 4,867		15.9 4,020		15.9 4,020	
WBOC-TV D32 DT CP		4.0 24,249		0.0 0		0.0 0	
WCCT-TV D33 DT CP		4.0 0		0.0 0		0.0 0	

Interference to BLANK0000027843 CP, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WMVH-CD	D32	DC	CP	CHARLEROI, PA	BLANK0000027843	
Undesireds:	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0 km
	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005	258.0
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	212.7
	WKHU-CD	D32	DC	CP	KITTANNING, PA	BLANK0000027841	80.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
3668.2 504,518		3317.4 420,066		3261.0 413,614		3257.0 413,540	0.12 0.02
Undesired		Total IX		Unique IX, before		Unique IX, after	
WHP-TV D32 DT BL		4.0 72		4.0 72			
WHP-TV D32 DT CP		16.1 1,560				8.1 146	
WOUB-TV D32 DT CP		24.2 2,217		20.1 1,806		16.1 427	
WKHU-CD D32 DC CP		32.2 4,574		28.2 4,163		24.2 4,128	

Interference to BLANK0000027841 CP, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WKHU-CD	D32	DC	CP	KITTANNING, PA	BLANK0000027841	
Undesireds:	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4 km
	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005	230.4
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDT20070320AAV	254.3
	WMVH-CD	D32	DC	CP	CHARLEROI, PA	BLANK0000027843	80.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
1110.9 163,624		1006.8 142,669		998.8 142,314		990.8 141,948	0.80 0.26
Undesired		Total IX		Unique IX, before		Unique IX, after	
WHP-TV D32 DT BL		0.0 0		0.0 0			
WHP-TV D32 DT CP		8.0 366				8.0 366	
WNLO D32 DT LIC		4.0 79		0.0 0		0.0 0	
WMVH-CD D32 DC CP		8.0 355		4.0 276		4.0 276	

Interference to BLANK0000025088 CP, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	

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Undesireds:	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	296.9 km
	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005	296.9
	WBOC-TV	D32	DT	CP	SALISBURY, MD	BLANK0000028422	254.4
	WRPX-TV	D32	DT	CP	ROCKY MOUNT, NC	BLANK0000027007	210.7
	WPXV-TV	D32	DT	CP	NORFOLK, VA	BLANK0000026979	218.1
	WHUT-TV	D33	DT	LIC	WASHINGTON, DC	BLEDT20071018AIJ	162.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
20944.5	958,555	17856.2	729,073	0.39

Undesired	Total IX	Unique IX, before	Unique IX, after
WHP-TV D32 DT BL	12.1	43	0
WHP-TV D32 DT CP	104.6	980	68.4
WBOC-TV D32 DT CP	24.1	110	8.0
WRPX-TV D32 DT CP	155.2	2,672	135.3
WPXV-TV D32 DT CP	95.7	2,146	59.6

Interference to BPEDT20120627AAD CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WHUT-TV	D33	DT	CP	WASHINGTON, DC	BPEDT20120627AAD	
Undesireds:	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	156.1 km
	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005	156.1
	WBOC-TV	D32	DT	CP	SALISBURY, MD	BLANK0000028422	134.0
	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	162.5
	WPSG	D33	DT	CP	PHILADELPHIA, PA	BLANK0000024876	198.9
	WTVZ-TV	D33	DT	LIC	NORFOLK, VA	BLCDT20090602ABA	243.3
	WRC-TV	D34	DT	CP	WASHINGTON, DC	BLANK0000026891	1.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
26344.4	8,298,094	25340.7	8,152,376	0.03

Undesired	Total IX	Unique IX, before	Unique IX, after
WHP-TV D32 DT BL	0.0	0	0
WHP-TV D32 DT CP	7.9	895	7.9
WBOC-TV D32 DT CP	56.3	2,371	4.0
WCAV D32 DT CP	4.0	51	0.0
WPSG D33 DT CP	658.0	75,493	489.8
WTVZ-TV D33 DT LIC	378.4	22,270	222.2
WRC-TV D34 DT CP	23.9	304	15.9

Interference to BLANK0000024876 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WPSG	D33	DT	CP	PHILADELPHIA, PA	BLANK0000024876	
Undesireds:	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	142.1 km
	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005	142.2
	WCCT-TV	D33	DT	CP	WATERBURY, CT	BLANK0000025071	274.1
	WHUT-TV	D33	DT	LIC	WASHINGTON, DC	BLEDT20071018AIJ	198.9
	WQPX-TV	D33	DT	CP	SCRANTON, PA	BLANK0000026991	160.1
	WPPX-TV	D34	DT	CP	WILMINGTON, DE	BLANK0000027012	0.5
	WPXN-TV	D34	DT	CP	NEW YORK, NY	BLANK0000027363	128.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
29089.7	10,189,688	28188.5	9,608,885	0.55

Undesired	Total IX	Unique IX, before	Unique IX, after
WHP-TV D32 DT BL	124.9	21,654	92.6
WHP-TV D32 DT CP	274.0	56,587	241.8
WCCT-TV D33 DT CP	44.0	25,950	4.0
WHUT-TV D33 DT LIC	529.7	54,657	477.4
WQPX-TV D33 DT CP	36.0	27,744	20.0
WPPX-TV D34 DT CP	44.1	17,607	40.1
WPXN-TV D34 DT CP	260.7	135,802	224.6

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Interference to BLANK0000024876 CP, scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance			
Desired:	WPSG	D33	DT	CP	PHILADELPHIA, PA	BLANK0000024876				
Undesireds:	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	142.1 km			
	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005	142.2			
	WCCT-TV	D33	DT	CP	WATERBURY, CT	BLANK0000025071	274.1			
	WHUT-TV	D33	DT	CP	WASHINGTON, DC	BPEDT20120627AAD	198.9			
	WQPX-TV	D33	DT	CP	SCRANTON, PA	BLANK0000026991	160.1			
	WPPX-TV	D34	DT	CP	WILMINGTON, DE	BLANK0000027012	0.5			
	WPXN-TV	D34	DT	CP	NEW YORK, NY	BLANK0000027363	128.0			
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX		
29089.7	10,189,688	28188.5	9,856,409	26181.9	9,463,080	26129.4	9,453,648	0.20	0.10	
Undesired				Total IX	Unique IX, before		Unique IX, after			
WHP-TV	D32	DT	BL	124.9	21,654	40.3	4,023			
WHP-TV	D32	DT	CP	274.0	56,587			92.8	13,455	
WCCT-TV	D33	DT	CP	44.0	25,950	4.0	285	4.0	285	
WHUT-TV	D33	DT	CP	1745.8	285,074	1541.0	191,681	1444.3	166,180	
WQPX-TV	D33	DT	CP	36.0	27,744	8.0	1,934	8.0	1,934	
WPPX-TV	D34	DT	CP	44.1	17,607	40.1	16,460	40.1	16,460	
WPXN-TV	D34	DT	CP	260.7	135,802	164.4	82,525	164.4	82,525	

Interference to proposal, scenario 1

**MX: 10.30% interference

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005			
Undesireds:	WETA-TV	D31	DT	APP	WASHINGTON, DC	BLANK0000029879	156.1 km		
	WMPT	D31	DT	CP	ANNAPOLIS, MD	BLANK0000025178	150.1		
	WATM-TV	D31	DT	CP	ALTOONA, PA	BLANK0000028661	135.5		
	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000027331	142.5		
	WBOC-TV	D32	DT	CP	SALISBURY, MD	BLANK0000028422	230.0		
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDDT20070320AAV	343.6		
	WLIW	D32	DT	CP	GARDEN CITY, NY	BLANK0000025351	292.7		
	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	296.9		
	WPXV-TV	D32	DT	CP	NORFOLK, VA	BLANK0000026979	394.4		
	WHUT-TV	D33	DT	LIC	WASHINGTON, DC	BLEDDT20071018AIJ	156.1		
	WPSG	D33	DT	CP	PHILADELPHIA, PA	BLANK0000024876	142.2		
	WQPX-TV	D33	DT	CP	SCRANTON, PA	BLANK0000026991	154.6		
Service area		Terrain-limited			IX-free	Percent IX			
33691.4	4,030,693	29465.8	3,538,096	27783.4	3,173,817	5.71	10.30		
Undesired				Total IX	Unique IX	Prcnt Unique IX			
WETA-TV	D31	DT	APP	123.2	61,960	11.9	1,105	0.04	0.03
WMPT	D31	DT	CP	274.0	148,748	23.8	3,875	0.08	0.11
WATM-TV	D31	DT	CP	75.8	2,368	75.8	2,368	0.26	0.07
WTFX-TV	D31	DT	CP	266.0	60,772	40.2	8,338	0.14	0.24
WBOC-TV	D32	DT	CP	1209.8	289,991	666.4	92,922	2.26	2.63
WNLO	D32	DT	LIC	15.9	46	15.9	46	0.05	0.00
WLIW	D32	DT	CP	20.1	4,108	4.0	586	0.01	0.02
WCAV	D32	DT	CP	247.5	48,121	160.2	19,665	0.54	0.56
WPXV-TV	D32	DT	CP	23.8	19,112	0.0	0	0.00	0.00
WHUT-TV	D33	DT	LIC	27.8	14,390	0.0	0	0.00	0.00
WPSG	D33	DT	CP	334.4	79,113	48.4	9,439	0.16	0.27
WQPX-TV	D33	DT	CP	4.0	51	4.0	51	0.01	0.00

Interference to proposal, scenario 2

**MX: 10.32% interference

Call	Chan	Svc	Status	City, State	File Number	Distance
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Appendix B - Interference Analysis
WHP-TV - Harrisburg, Pennsylvania
Channel 32 - 1000 kW - Page 8

Desired:	WHP-TV	D32	DT	CP	HARRISBURG, PA	WHP-32 OMNI 1MW 171005	
Undesireds:	WETA-TV	D31	DT	APP	WASHINGTON, DC	BLANK0000029879	156.1 km
	WMPT	D31	DT	CP	ANNAPOLIS, MD	BLANK0000025178	150.1
	WATM-TV	D31	DT	CP	ALTOONA, PA	BLANK0000028661	135.5
	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000027331	142.5
	WBOC-TV	D32	DT	CP	SALISBURY, MD	BLANK0000028422	230.0
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDT20070320AAV	343.6
	WLIW	D32	DT	CP	GARDEN CITY, NY	BLANK0000025351	292.7
	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	296.9
	WPXV-TV	D32	DT	CP	NORFOLK, VA	BLANK0000026979	394.4
	WHUT-TV	D33	DT	CP	WASHINGTON, DC	BPEDT20120627AAD	156.1
	WPSG	D33	DT	CP	PHILADELPHIA, PA	BLANK0000024876	142.2
	WQPX-TV	D33	DT	CP	SCRANTON, PA	BLANK0000026991	154.6

Service area	Terrain-limited	IX-free	Percent IX
33691.4 4,030,693	29465.8 3,538,096	27771.5 3,173,000	5.75 10.32

Undesired		Total IX	Unique IX	Prcnt Unique IX
WETA-TV D31 DT APP	123.2	61,960	0.0	0.00
WMPT D31 DT CP	274.0	148,748	23.8	0.08
WATM-TV D31 DT CP	75.8	2,368	75.8	0.26
WTFX-TV D31 DT CP	266.0	60,772	40.2	0.14
WBOC-TV D32 DT CP	1209.8	289,991	662.5	2.25
WNLO D32 DT LIC	15.9	46	15.9	0.05
WLIW D32 DT CP	20.1	4,108	4.0	0.01
WCAV D32 DT CP	247.5	48,121	156.2	0.53
WPXV-TV D32 DT CP	23.8	19,112	0.0	0.00
WHUT-TV D33 DT CP	147.0	64,369	11.9	0.04
WPSG D33 DT CP	334.4	79,113	48.4	0.16
WQPX-TV D33 DT CP	4.0	51	4.0	0.01