

EXHIBIT 6
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INTERFERENCE CONSIDERATIONS

Digital TV of Orlando, LLC
Orlando, FL

The proposed modified WHDO-CA operating facilities will provide the required contour protection, pursuant to Sections 73.6011 and 73.6013 of the FCC Rules, to all analog and digital TV broadcast stations requiring protection consideration except:

WMFE-TV ¹	Orlando, FL	Channel 24
WTCE-DT(Lic & App) ²	Fort Pierce, FL	Channel 38
WJCT-DT ¹	Jacksonville, FL	Channel 38
WTTA ¹	St. Petersburg, FL	Channel 38
WTTA-DT(CP & App) ³	St. Petersburg, FL	Channel 38
WFTV-DT ²	Orlando, FL	Channel 39

They also fail to comply with the 100 kilometer spacing requirement to the presently licensed NTSC facilities of WTGL - Leesburg, Florida, which operates on Channel 45.⁴

As outlined below, however, interference studies conducted utilizing the procedures outlined in FCC OET Bulletin 69 found that the predicted new interference to all of the facilities listed above from the proposed modified WHDO-CA facilities would be substantially less than the permitted 0.5% rounding tolerance. These interference studies were conducted utilizing the FCC's "FLR" computer program modified to run on a Windows XP platform and recompiled under the Compaq (DEC) Visual Fortran compiler. The version of the "FLR" program utilized in conducting these studies utilized a two kilometer cell size and 2000 census data. This implementation of the "FLR" program was

¹Pre-transition only.

²Both pre-transition and post-transition

³Post-transition only.

⁴The proposed WHDO-CA facilities provide the contour protection required by Sections 73.6012 and 73.6014 of the FCC Rules to all LPTV and Class A TV stations, both analog and digital, requiring protection consideration.

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run for several stations utilizing the databases employed by the FCC to generate the benchmark values contained in Appendix B of the December 18, 1998 Second Memorandum Opinion and Order on Reconsideration of the Fifth and Sixth Report and Orders in MM Docket 87-268 and 1990 census data and yielded results essentially identical to those found in Appendix B for these stations. Thus, it is felt that this implementation of the "FLR" program faithfully reproduces the results obtained by the FCC in their implementation of this program.

In conducting these interference studies, all interfering stations, both NTSC and DTV, were assumed to be operating with their licensed facilities.⁵ The results of these studies are tabulated in Tables 6.0 through 6.8. These tables contain a complete listing of the stations which were included in each study and the facilities which were considered for each station included in the study. They also contain the output of the "FLR" program for the station being studied both with and without the facilities proposed for WHDO-CA in the attached application.

As shown by this data, the facilities proposed for WHDO-CA in the attached application would increase the predicted interference to the licensed NTSC facilities of WTTA, but this increase in interference would be substantially less than the FCC limit of 0.5%. No increase in interference would be predicted to any of the other stations which were studied. Based on this information, it is obvious that the operating facilities proposed for WHDO-CA in this application fully comply with the applicable protection requirements to all TV broadcast stations, both NTSC and DTV, requiring protection consideration.

⁵The pre-transition Channel 20 DTV allotment facilities were assumed for calculating interference from WOTF-CA, since it has not been granted an authorization for DTV operation on Channel 20.

TABLE 6.0

OET 69 INTERFERENCE STUDIES
 WMFE-TV - ORLANDO, FL
(LICENSED FACILITIES)
 Digital TV of Orlando, LLC
 Orlando, FL

STATION BEING STUDIED

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WMFE-TV	Orlando, FL	24	NTSC	Licensed	BLET-20040721AAK

STATIONS CONSIDERED IN STUDIES

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WVEN-TV	Daytona Beach, FL	26	NTSC	Licensed	BLCT-20041026ACV
WJXX	Orange Park, FL	25	NTSC	Licensed	BLCT-19971016KF
WRDQ	Orlando, FL	27	NTSC	Licensed	BLCT-20000504AAT
WTTA	St. Petersburg, FL	38	NTSC	Licensed	BLCT-19910703KG
WKCF-DT	Clermont, FL	17	DTV	Licensed	BLCDDT-20020718AAR
WOTF-DT	Melbourne, FL	20	DTV	Allotment	
WLTN-DT	Miami, FL	24	DTV	Licensed	BLCDDT-20020906ABG
WFTV-DT	Orlando, FL	39	DTV	Licensed	BLCDDT-20010430ABF
WOFL-DT	Orlando, FL	22	DTV	Licensed	BLCDDT-20000706AEZ
WTSP-DT	St. Petersburg, FL	24	DTV	Licensed	BLCDDT-20000605AON
WVEA-DT	Venice, FL	25	DTV	Licensed	BLCDDT-20060627ABX
WPXC-DT	Brunswick, GA	24	DTV	Licensed	BLCDDT-20060607ABQ
WHDO-CA	Orlando, FL	38	NTSC	Applicant	

STUDY RESULTS WITHOUT WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	2498132	18598.6
not affected by terrain losses	2498132	18598.6
lost to NTSC IX	2343	48.3
lost to additional IX by ATV	121836	1557.6
lost to all IX	124179	1605.9

TABLE 6.0(cont'd)

OET 69 INTERFERENCE STUDIES
 WMFE-TV - ORLANDO, FL
(LICENSED FACILITIES)

STUDY RESULTS WITH PROPOSED WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	2498132	18598.6
not affected by terrain losses	2498132	18598.6
lost to NTSC IX	2343	48.3
lost to additional IX by ATV	121836	1557.6
lost to all IX	124179	1605.9

SUMMARY OF STUDY RESULTS

	<u>Without WHDO-CA</u>	<u>With Proposed WHDO-CA</u>	<u>Increase/(Decrease)</u>
NTSC Service	2,373,953	2,373,953	0

TABLE 6.1

OET 69 INTERFERENCE STUDIES
 WTCE-DT - FORT PIERCE, FL
(LICENSED FACILITIES)
 Digital TV of Orlando, LLC
 Orlando, FL

STATION BEING STUDIED

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WTCE-DT	Fort Pierce, FL	38	DTV	Licensed	BLEDT-20071004AAD

STATIONS CONSIDERED IN STUDIES

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WSFL-TV	Miami, FL	39	NTSC	Licensed	BLCT-19970401LW
WTTA	St. Petersburg, FL	38	NTSC	Licensed	BLCT-19910703KG
WJCT-DT	Jacksonville, FL	38	DTV	Licensed	BLEDT-20040927AIS
WHDO-CA	Orlando, FL	38	NTSC	Applicant	

STUDY RESULTS WITHOUT WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	2117347	22676.8
not affected by terrain losses	2117347	22676.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

STUDY RESULTS WITH PROPOSED WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	2117347	22676.8
not affected by terrain losses	2117347	22676.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

SUMMARY OF STUDY RESULTS

	<u>Without</u> <u>WHDO-CA</u>	<u>With</u> <u>Proposed</u> <u>WHDO-CA</u>	<u>Increase/(Decrease)</u>
DTV Service	2,117,347	2,117,347	0

TABLE 6.2

OET 69 INTERFERENCE STUDIES
 WTCE-DT - FORT PIERCE, FL
(APPLICATION FACILITIES)
 Digital TV of Orlando, LLC
 Orlando, FL

STATION BEING STUDIED

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WTCE-DT	Fort Pierce, FL	38	DTV	Application	BPEDT-20080618ACY

STATIONS CONSIDERED IN STUDIES

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WSFL-TV	Miami, FL	39	NTSC	Licensed	BLCT-19970401LW
WTTA	St. Petersburg, FL	38	NTSC	Licensed	BLCT-19910703KG
WJCT-DT	Jacksonville, FL	38	DTV	Licensed	BLEDT-20040927AIS
WFTV-DT	Orlando, FL	39	DTV	Licensed	BLCDDT-20010430ABF
WHDO-CA	Orlando, FL	38	NTSC	Applicant	

STUDY RESULTS WITHOUT WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	2253234	23881.6
not affected by terrain losses	2253234	23881.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

STUDY RESULTS WITH PROPOSED WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	2253234	23881.6
not affected by terrain losses	2253234	23881.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

SUMMARY OF STUDY RESULTS

	<u>Without WHDO-CA</u>	<u>With Proposed WHDO-CA</u>	<u>Increase/(Decrease)</u>
DTV Service	2,253,234	2,253,234	0

TABLE 6.3

OET 69 INTERFERENCE STUDIES
WJCT-DT - JACKSONVILLE, FL
(LICENSED FACILITIES)
Digital TV of Orlando, LLC
Orlando, FL

STATION BEING STUDIED

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WJCT-DT	Jacksonville, FL	38	DTV	Licensed	BLEDT-20040927AIS

STATIONS CONSIDERED IN STUDIES

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WTTA	St. Petersburg, FL	38	NTSC	Licensed	BLCT-19910703KG
WTCE-DT	Fort Pierce, FL	38	DTV	Licensed	BLEDT-20071004AAD
WHDO-CA	Orlando, FL	38	NTSC	Applicant	

STUDY RESULTS WITHOUT WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	1322053	26389.3
not affected by terrain losses	1322053	26389.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

STUDY RESULTS WITH PROPOSED WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	1322053	26389.3
not affected by terrain losses	1322053	26389.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

SUMMARY OF STUDY RESULTS

	<u>Without WHDO-CA</u>	<u>With Proposed WHDO-CA</u>	<u>Increase/(Decrease)</u>
DTV Service	1,322,053	1,322,053	0

TABLE 6.4

OET 69 INTERFERENCE STUDIES
 WTTA - ST. PETERSBURG, FL
(LICENSED FACILITIES)
 Digital TV of Orlando, LLC
 Orlando, FL

STATION BEING STUDIED

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WTTA	St. Petersburg, FL	38	NTSC	Licensed	BLCT-19910703KG

STATIONS CONSIDERED IN STUDIES

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WHLV-TV	Cocoa, FL	52	NTSC	Licensed	BLCT-20050603ABX
WGFL	High Springs, FL	53	NTSC	Licensed	BMLCT-20041129AHI
WTGL	Leesburg, FL	45	NTSC	Licensed	BLEDT-20040927AIS
WWSB	Sarasota, FL	40	NTSC	Licensed	BLCT-20030110ABH
WXPX-DT	Bradenton, FL	42	DTV	Licensed	BLCDDT-20030109AEP
WTCE-DT	Fort Pierce, FL	38	DTV	Licensed	BLEDT-20071004AAD
WJCT-DT	Jacksonville, FL	38	DTV	Licensed	BLEDT-20040927AIS
WFTV-DT	Orlando, FL	39	DTV	Licensed	BLCDDT-20010430ABF
WWSB-DT	Sarasota, FL	52	DTV	Licensed	BLCDDT-20050812AAN
WUSF-DT	Tampa, FL	34	DTV	Licensed	BLEDT-20060913ABQ
WHDO-CA	Orlando, FL	38	NTSC	Applicant	

STUDY RESULTS WITHOUT WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	3419937	21417.5
not affected by terrain losses	3418288	21397.5
lost to NTSC IX	8	4.0
lost to additional IX by ATV	33344	675.9
lost to all IX	33352	679.9

STUDY RESULTS WITH PROPOSED WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	3419937	21417.5
not affected by terrain losses	3418288	21397.5
lost to NTSC IX	27036	515.9
lost to additional IX by ATV	15434	268.0
lost to all IX	42470	783.9

TABLE 6.4(cont'd)

OET 69 INTERFERENCE STUDIES
 WTTA - ST. PETERSBURG, FL
(LICENSED FACILITIES)

SUMMARY OF STUDY RESULTS

	<u>Without</u> <u>WHDO-CA</u>	<u>With</u> <u>Proposed</u> <u>WHDO-CA</u>	<u>Increase/(Decrease)</u>
NTSC Service	3,384,936	3,375,818	(9,118)

Note: Based on the benchmark DTV Service Value of 3,416,577 from Table II (December 21, 2004), this new interference to WTTA amounts to only 0.27%, which complies with the limit of 0.5%.

TABLE 6.5

OET 69 INTERFERENCE STUDIES
 WTTA-DT - ST. PETERSBURG, FL
(CONSTRUCTION PERMIT FACILITIES)

Digital TV of Orlando, LLC
 Orlando, FL

STATION BEING STUDIED

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WTTA-DT	St. Petersburg, FL	38	DTV	CP	BPCDT-20080317AGU

STATIONS CONSIDERED IN STUDIES

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WTCE-DT	Fort Pierce, FL	38	DTV	Licensed	BLEDT-20071004AAD
WJCT-DT	Jacksonville, FL	38	DTV	Licensed	BLEDT-20040927AIS
WFTV-DT	Orlando, FL	39	DTV	Licensed	BLCDT-20010430ABF
WHDO-CA	Orlando, FL	38	NTSC	Applicant	

STUDY RESULTS WITHOUT WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	3671080	30666.6
not affected by terrain losses	3671080	30666.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6368	188.0
lost to ATV IX only	6368	188.0
lost to all IX	6368	188.0

STUDY RESULTS WITH PROPOSED WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	3671080	30666.6
not affected by terrain losses	3671080	30666.6
lost to NTSC IX	1754	24.0
lost to additional IX by ATV	4614	164.0
lost to ATV IX only	6368	188.0
lost to all IX	6368	188.0

SUMMARY OF STUDY RESULTS

	Without <u>WHDO-CA</u>	With Proposed <u>WHDO-CA</u>	<u>Increase/(Decrease)</u>
DTV Service	3,616,471	3,616,471	0

TABLE 6.6

OET 69 INTERFERENCE STUDIES
 WTTA-DT - ST> PETERSBURG, FL
(APPLICATION FACILITIES)
 Digital TV of Orlando, LLC
 Orlando, FL

STATION BEING STUDIED

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WTTA-DT	St. Petersburg, FL	38	DTV	Application	BMPCDT-20080620AJX

STATIONS CONSIDERED IN STUDIES

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WTCE-DT	Fort Pierce, FL	38	DTV	Licensed	BLEDT-20071004AAD
WJCT-DT	Jacksonville, FL	38	DTV	Licensed	BLEDT-20040927AIS
WFTV-DT	Orlando, FL	39	DTV	Licensed	BLCDT-20010430ABF
WHDO-CA	Orlando, FL	38	NTSC	Applicant	

STUDY RESULTS WITHOUT WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	3751970	32219.9
not affected by terrain losses	3751953	32215.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	28648	628.2
lost to ATV IX only	28648	628.2
lost to all IX	28648	628.2

STUDY RESULTS WITH PROPOSED WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	3751970	32219.9
not affected by terrain losses	3751953	32215.9
lost to NTSC IX	22471	364.1
lost to additional IX by ATV	6177	264.1
lost to ATV IX only	28648	628.2
lost to all IX	28648	628.2

SUMMARY OF STUDY RESULTS

	<u>Without</u> <u>WHDO-CA</u>	<u>With</u> <u>Proposed</u> <u>WHDO-CA</u>	<u>Increase/(Decrease)</u>
DTV Service	3,723,305	3,723,305	0

TABLE 6.7

OET 69 INTERFERENCE STUDIES
WFTV-DT - ORLANDO, FL
(LICENSED FACILITIES)
Digital TV of Orlando, LLC
Orlando, FL

STATION BEING STUDIED

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WFTV-DT	Orlando, FL	39	DTV	Licensed	BLCDT-20010430ABF

STATIONS CONSIDERED IN STUDIES

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WSFL-TV	Miami, FL	39	NTSC	Licensed	BLCT-19970401LW
WWSB	Sarasota, FL	40	NTSC	Licensed	BLCT-20030110ABH
WTTA	St. Petersburg, FL	38	NTSC	Licensed	BLCT-19910703KG
WTCE-DT	Fort Pierce, FL	38	DTV	Licensed	BLEDT-20071004AAD
WJCT-DT	Jacksonville, FL	38	DTV	Licensed	BLEDT-20040927AIS
WACX-DT	Leesburg, FL	40	DTV	Licensed	BLCDT-20060117ACC
WSAV-DT	Savannah, GA	39	DTV	Licensed	BLCDT-20050705AAP
WHDO-CA	Orlando, FL	38	NTSC	Applicant	

STUDY RESULTS WITHOUT WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	3225894	40646.0
not affected by terrain losses	3225865	40617.8
lost to NTSC IX	7091	24.2
lost to additional IX by ATV	758	12.1
lost to ATV IX only	758	12.1
lost to all IX	7849	36.2

STUDY RESULTS WITH PROPOSED WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	3225894	40646.0
not affected by terrain losses	3225865	40617.8
lost to NTSC IX	7091	24.2
lost to additional IX by ATV	758	12.1
lost to ATV IX only	758	12.1
lost to all IX	7849	36.2

TABLE 6.7(cont'd)

OET 69 INTERFERENCE STUDIES
WFTV-DT - ORLANDO, FL
(LICENSED FACILITIES)

SUMMARY OF STUDY RESULTS

	Without <u>WHDO-CA</u>	With Proposed <u>WHDO-CA</u>	<u>Increase/(Decrease)</u>
DTV Service	3,218,016	3,218,016	0

TABLE 6.8

OET 69 INTERFERENCE STUDIES
 WTGL - LEESBURG, FL
(LICENSED FACILITIES)
 Digital TV of Orlando, LLC
 Orlando, FL

STATION BEING STUDIED

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WTGL	Leesburg, FL	45	NTSC	Licensed	BLET-20050915ADP

STATIONS CONSIDERED IN STUDIES

<u>Call</u>	<u>Location</u>	<u>Channel</u>	<u>Mode</u>	<u>Status</u>	<u>File Number</u>
WHLV-TV	Cocoa, FL	52	NTSC	Licensed	BLCT-20050603ABX
WOTF-TV	Melbourne, FL	43	NTSC	Licensed	BLCT-20060817AEK
WHFT-TV	Miami, FL	45	NTSC	Licensed	BLCT-19951208KF
WTTA	St. Petersburg, FL	38	NTSC	Licensed	BLCT-19910703KG
WTOG	St. Petersburg, FL	44	NTSC	Licensed	BLCT-19990415KI
WVEN-DT	Daytona Beach, FL	49	DTV	Licensed	BLCDDT-20070329ADC
WOPX-DT	Melbourne, FL	48	DTV	Licensed	BLCDDT-20020510AAH
WXCW-DT	Naples, FL	45	DTV	Licensed	BLCDDT-20021030ACB
WRBW-DT	Orlando, FL	41	DTV	Licensed	BLCDDT-20060810AIX
WHDO-CA	Orlando, FL	38	NTSC	Applicant	

STUDY RESULTS WITHOUT WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	2583212	22730.7
not affected by terrain losses	2583094	22726.7
lost to NTSC IX	90165	1078.6
lost to additional IX by ATV	0	0.0
lost to all IX	90165	1078.6

STUDY RESULTS WITH PROPOSED WHDO-CA

	POPULATION	AREA (sq km)
within Noise Limited Contour	2583212	22730.7
not affected by terrain losses	2583094	22726.7
lost to NTSC IX	90165	1078.6
lost to additional IX by ATV	0	0.0
lost to all IX	90165	1078.6

TABLE 6.8(cont'd)

OET 69 INTERFERENCE STUDIES
WTGL - LEESBURG, FL
(LICENSED FACILITIES)

SUMMARY OF STUDY RESULTS

	Without <u>WHDO-CA</u>	With Proposed <u>WHDO-CA</u>	<u>Increase/(Decrease)</u>
NTSC Service	2,492,929	2,492,929	0