

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of DIGITAL TELEVISION, LLC, in support of its Application for Construction Permit for a new digital low power television station on Channel 48 in Ocala, Florida.

It is proposed to mount a standard Andrew (ERI) directional antenna at the 103-meter level of an existing 107-meter communications tower. Exhibit B is a map upon which the predicted service contours are plotted. Operating parameters for the proposed facility are tabulated in Exhibit C. An interference study is provided in Exhibit D, and a power density calculation follows as Exhibit E.

Because no change in the overall height or location of the existing tower is proposed, the FAA has not been notified of this application. The FCC issued Antenna Structure Registration Number 1216674 to this tower.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.



KEVIN T. FISHER

August 10, 2010

CONTOUR POPULATION

51 DBU : 299,214

41 DBU : 532,640



EXHIBIT B

PROPOSED OPERATING PARAMETERS

PROPOSED DIGITAL LOW POWER TELEVISION STATION
CHANNEL 48 – OCALA, FLORIDA

Transmitter Power Output:	1.8 kw
Transmission Line Efficiency:	58.3%
Antenna Power Gain – Toward Horizon:	14.06
Antenna Power Gain – Main Lobe:	14.06
Effective Radiated Power – Toward Horizon:	15.0 kw
Effective Radiated Power – Main Lobe:	15.0 kw
Transmitter Make and Model:	Type-accepted
Transmission Line Make and Model:	Andrew LDF7-50A
Size and Type:	1-5/8" foam heliax
Length:	360 feet*
Antenna Make and Model:	Andrew (ERI) AL8
Orientation	45 degrees true
Beam Tilt	1.75 degrees
Radiation Center Above Ground:	103 meters
Radiation Center Above Mean Sea Level:	128 meters

*Estimated

LONGLEY-RICE INTERFERENCE STUDY
PROPOSED DIGITAL LOW POWER TELEVISION STATION
CHANNEL 48 – OCALA, FLORIDA

We conducted a detailed interference study using the Longley-Rice methodology contained in the Commission's *OET Bulletin No. 69*, with respect to all facilities of concern. The software utilizes a 1-square kilometer cell size, calculates signal strength at 1.0 kilometer increments along each radial studied, and employs the 2000 U.S. Census to count population within cells. In addition, the program does not attribute interference to the proposed facility in cells within the protected contour of the station under study where interference from another source (other than the proposed station) already is predicted to exist (also known as "masking"). The results of this study are provided in Exhibit D-2. It concludes that the facility proposed herein causes no significant new interference to any of the potentially affected stations.

As a result, it is believed that the proposed digital LPTV facility complies with the requirements of Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h), 74.794(b) and 73.1030 of the Commission's Rules.

ocala48_summary.txt
Summary Study

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-09-2010 Time: 14:00:54

Record Selected for Analysis

PROPOSED USERRECORD-01 Ocala US
 Channel 48 ERP 15. kw HAAT 103. m RCAMSL 00128 m STRINGENT MASK
 Latitude 029-15-20 Longitude 0082-26-26
 Status APP Zone 1 Border
 Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 180.
 Last update Cutoff date Docket
 Comments
 Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kw)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	11.962	109.4	42.6
45.0	14.910	102.9	43.0
90.0	11.962	98.9	41.4
135.0	6.733	101.6	38.9
180.0	5.673	109.1	38.8
225.0	6.814	99.2	38.7
270.0	5.673	101.1	38.0
315.0	6.733	101.9	38.9

Contour Overlap to Proposed Station

Station			
WZRA-CA 48 OLDSMAR	FL BLTTA20061130AAL		causes

Contour overlap to Digital LPTV station
 PROPOSED 48 Ocala USERRECORD01
 Required D/U ratio: 2.0

Station			
WJGV-CD 48 PALATKA	FL BLTTL20010614ADP		causes

Contour overlap to Digital LPTV station

Ocala48_summary.txt
 USERRECORD01
 PROPOSED 48 OCALA
 Required D/U ratio: 2.0

Contour Overlap Evaluation to Proposed Station Complete

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

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	ARN
48	Call City/State PROPOSED OCALA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	NEW	GAINESVILLE FL	31.9	APP	BNPDTL	-20100622AFR
47	WYKE-CD	INGLIS-YANKEETOWN FL	42.1	LIC	BLTTA	-20050308AAA
47	NEW	JENNINGS FL	162.6	APP	BNPDTL	-20100510ACE
47	WAWA-LD	ORLANDO FL	142.4	CP MOD	BMPDTL	-20090320ABS
47	WAWA-LD	ORLANDO FL	142.4	LIC	BLDTL	-20100309AAD
47	WFTT-DT	TAMPA FL	157.5	CP	BPCDT	-20080902ADT
47	WFTT-DT	TAMPA FL	158.1	LIC	BLCDT	-20060912ADB
48	WFXU	LIVE OAK FL	154.1	LIC	BLCDT	-20071113ACD
48	WOPX-TV	MELBOURNE FL	151.6	APP	BPCDT	-20080620AKI
48	WOPX-TV	MELBOURNE FL	182.1	LIC	BLCDT	-20020510AAH
48	WZRA-CA	OLDSMAR FL	114.3	LIC	BLTTA	-20061130AAL
48	WJGV-CD	PALATKA FL	80.3	LIC	BLDTA	-20090930AKO
48	WJGV-CD	PALATKA FL	80.3	LIC	BLTTL	-20010614ADP
48	W48CN	SARASOTA FL	212.8	LIC	BLTT	-20000725ABJ
48	WWHB-CA	STUART FL	310.9	CP	BPTTA	-20080804AEA
48	WWHB-CA	STUART FL	332.5	APP	BSTA	-20070706AAW
48	WWHB-CA	STUART FL	332.5	LIC	BLTTA	-20080109AGC
48	NEW	TALLAHASSEE FL	224.8	APP	BNPDTL	-20090825AAC
48	W48DU-D	ALBANY GA	292.5	CP	BNPDTL	-20100104AEP
48	NEW	BYRON GA	393.9	APP	BNPDTL	-20100510AFQ
48	NEW	MONTROSE GA	371.9	APP	BNPDTL	-20100510AGY
48	W48BH	STATESBORO GA	357.7	LIC	BLTTL	-19960709JA
48	W48CX	HILTON HEAD ISLAND SC	359.9	LIC	BLTTA	-20051014ACY
49	WVEN-TV	DAYTONA BEACH FL	115.1	LIC	BLCDT	-20070329ADC
49	NEW	JENNINGS FL	162.6	APP	BNPDTL	-20100510ACF
49	WRMD-CA	TAMPA FL	145.4	LIC	BLTTA	-20041026ADR
49	WRMD-CA	TAMPA FL	145.4	CP	BDFCDTA	-20080804ABO
50	W50CO	JACKSONVILLE FL	140.8	CP	BPTTL	-20071102AAD
50	W50CO	JACKSONVILLE FL	141.4	LIC	BLTTL	-20040107ABB

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50	WDT0-LP	ORLANDO FL	113.0	LIC	BLTTL	-20051011AOU
56	W56EB	TAMPA FL	160.6	LIC	BLTT	-20020426AAW
56	W56EJ	WILLISTON FL	16.4	LIC	BLTTL	-20070608AAH

[illegible]

study of this proposal found the following interference problem(s): None

EXHIBIT E

POWER DENSITY CALCULATION

PROPOSED DIGITAL LOW POWER TELEVISION STATION
CHANNEL 48 – OCALA, FLORIDA

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Ocala facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 15.0 kw, an antenna radiation center 103 meters above ground, and the vertical pattern of the Andrew (ERI) antenna, maximum power density two meters above ground of 0.00046 mw/cm^2 is calculated to occur 91 meters northeast of the base of the tower. Since this is only 0.1 percent of the 0.45 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 48 (674-680 MHz), this proposal may be excluded from consideration with respect to public exposure to nonionizing electromagnetic radiation.

Further, the station owner will take whatever precautionary steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive nonionizing radiation.