

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of DIGITAL TELEVISION, LLC, permittee of digital Low Power Television Station W38FF-D, Channel 38 in Pensacola, Florida, in support of its displacement Application for Construction Permit to specify operation on Channel 7. This station is being displaced as a result of the spectrum auction and the relocation of upper UHF channel television stations to the bands between Channels 2 and 36. No change in the authorized W38FF-D site location or effective antenna height is proposed herein.

It is proposed to mount an omnidirectional antenna at the 86.9-meter level of the existing 96-meter communications tower on which the authorized W38FF-D antenna would be located. The proposed effective radiated power for the facility is 3.0 kW in the horizontal plane. Exhibit B is a map upon which the predicted 48 dBu service contour is plotted. An elevation pattern for the proposed ERI ALV2 antenna is attached as Exhibit C.

Exhibit D is a summary report from a TVStudy interference analysis for the proposed facility. Our study employed a cell size of 1.0 kilometer and increment spacing of 1.0 kilometer. Further the applicant proposes use of a full-service emission mask filter. The results indicate that the proposed W38FF-D facility on Channel 7 meets the Commission's interference requirements to all full-power and low-power co-channel and adjacent-channel television facilities.

A detailed power density calculation is provided in Exhibit E.

EXHIBIT A

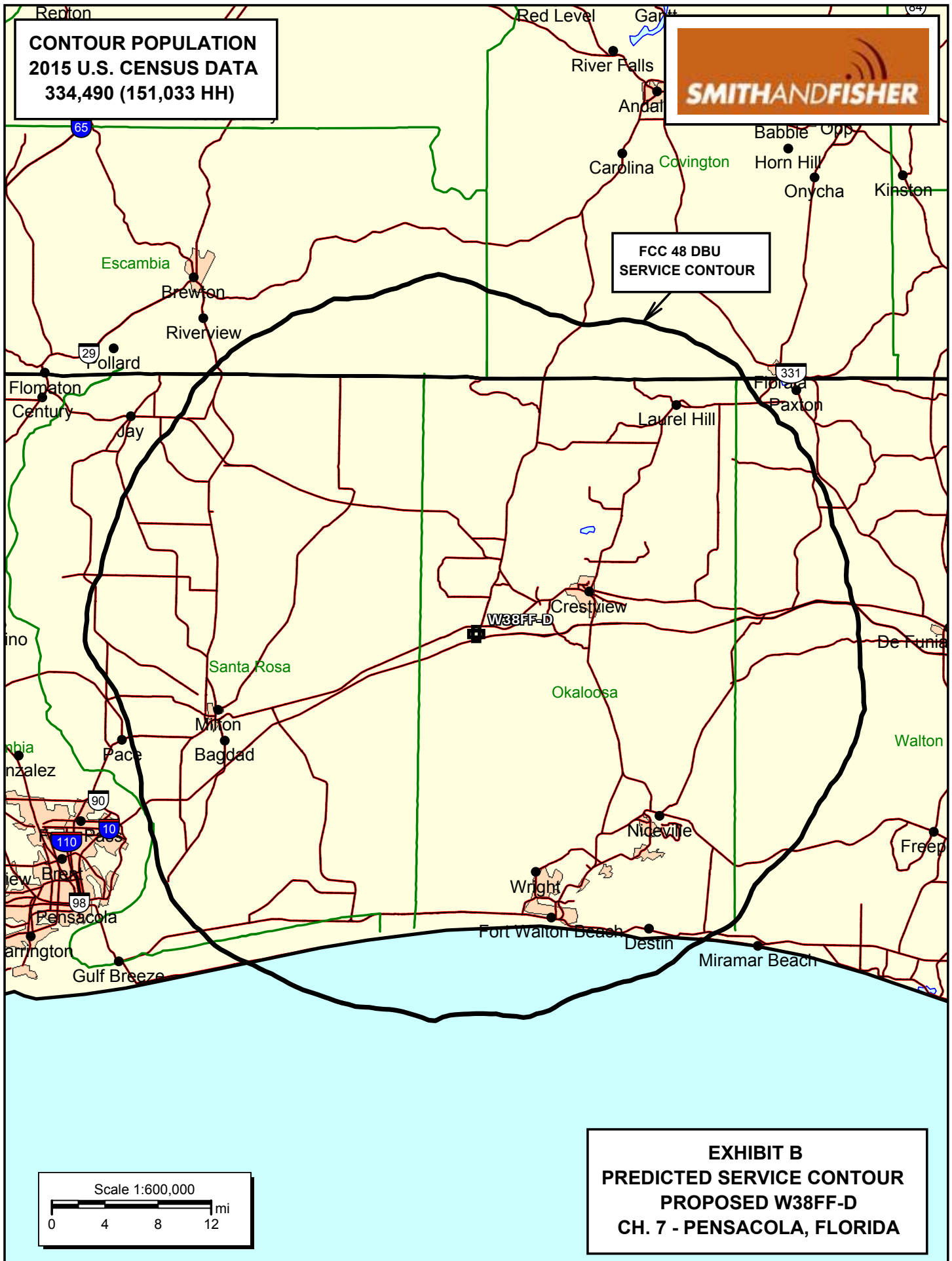
Since no change in the overall height or location of the existing tower is proposed herein, the Federal Aviation Administration has not been notified of this application. In addition, the FCC issued Antenna Structure Registration Number 1031786 to this tower.

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.

A handwritten signature in blue ink, appearing to read 'K. T. Fisher', with a stylized flourish at the end.

KEVIN T. FISHER

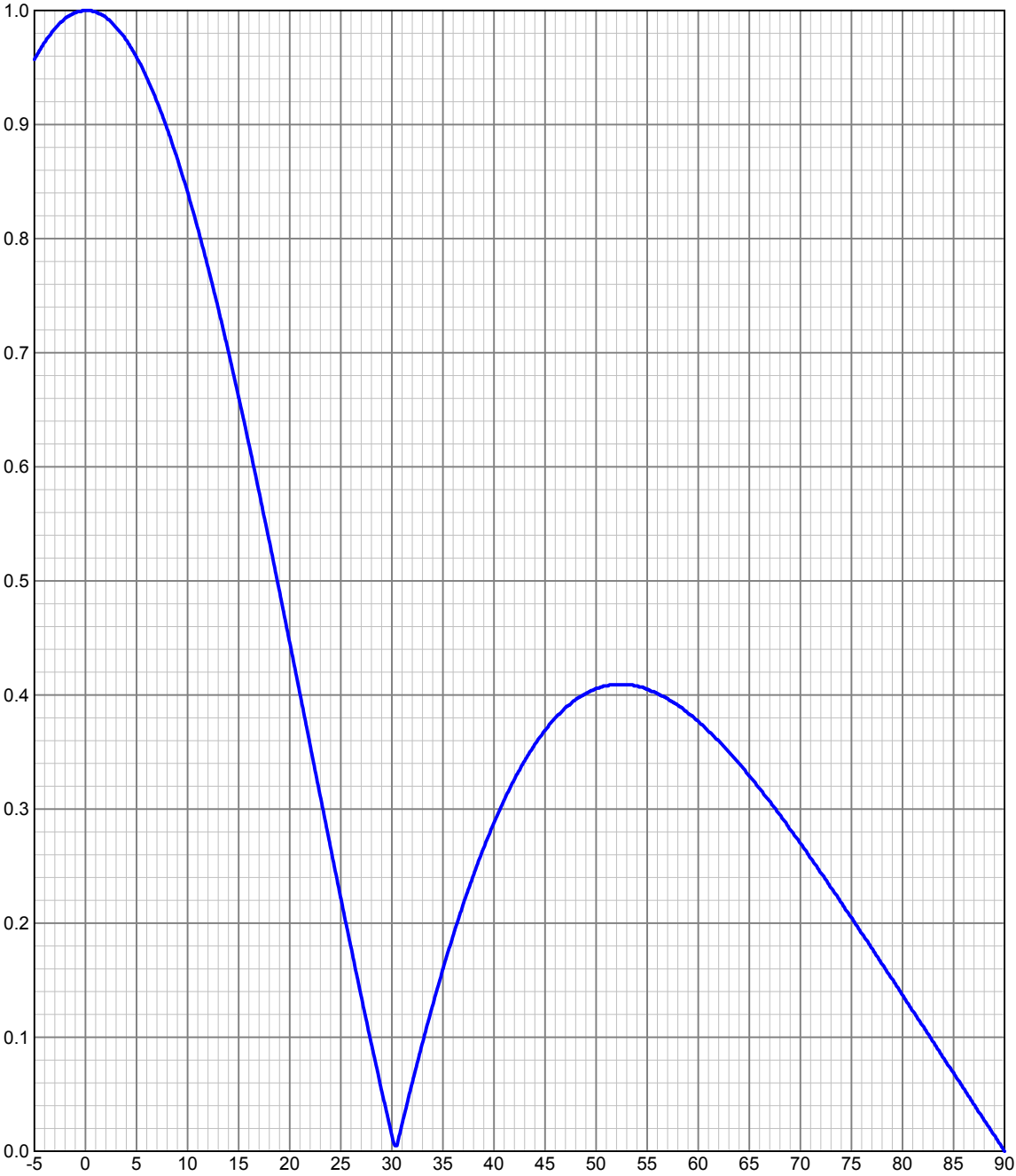
April 17, 2019



ELEVATION PATTERN

Type:	ALV2		Channel:	7
Directivity:	Numeric	dBd	Location:	
Main Lobe:	2.00	3.01	Beam Tilt:	0.00
Horizontal:	2.00	3.01	Polarization:	Horizontal

Relative Field



Preliminary, subject to final design and review.

TVSTUDY INTERFERENCE ANALYSIS RESULTS
PROPOSED W38FF-D
CHANNEL 7 – PENSACOLA, FLORIDA

Study created: 2019.04.17 06:59:35

Study build station data: LMS TV 2019-04-16

Proposal: W38FF-D D7 LD CP PENSACOLA, FL

File number: BNPDTL20100811AAN

Facility ID: 187939

Station data: User record

Record ID: 551

Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	WVTM-TV	D7	DT	CP	BIRMINGHAM, AL	BLANK0000034568	308.5 km
Yes	WCIQ	D7	DT	LIC	MOUNT CHEAHA, AL	BLEDT20120828AAV	319.4
No	WGTV	D7	DT	CP	ATHENS, GA	BLANK0000034195	419.7
No	WMUM-TV	D7	DT	LIC	COCHRAN, GA	BLANK0000019160	381.1
Yes	WACS-TV	D7	DT	CP	DAWSON, GA	BLANK0000034746	245.9
No	WXGA-TV	D7	DT	CP	WAYCROSS, GA	BLANK0000034184	398.1
Yes	WDAM-TV	D7	DT	LIC	LAUREL, MS	BLCDT20100129ABY	258.1
Yes	WSFA	D8	DT	CP	MONTGOMERY, AL	BLANK0000025163	149.4
No	WGOM-LP	N10-	TX	LIC	PANAMA CITY, FL	BLTVL20060208AEC	107.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D7

Mask: Stringent

Latitude: 30 42 56.50 N (NAD83)

Longitude: 86 42 48.30 W

Height AMSL: 147.0 m

HAAT: 0.0 m

Peak ERP: 3.00 kW
Antenna: Omnidirectional
Elev Pattn: Generic

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	3.00 kW	88.2 m	43.6 km
45.0	3.00	106.7	46.8
90.0	3.00	109.8	47.2
135.0	3.00	114.2	47.9
180.0	3.00	109.7	47.2
225.0	3.00	134.5	50.4
270.0	3.00	119.9	48.6
315.0	3.00	106.2	46.7

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 111 m

Distance to Canadian border: 1270.5 km

Distance to Mexican border: 1128.6 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 27.6 degrees Distance: 396.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 307.1 degrees Distance: 1969.7 km

Study cell size: 1.00 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%

No IX check failures found.

POWER DENSITY CALCULATION

PROPOSED W38FF-D
CHANNEL 7 – PENSACOLA, 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 Pensacola facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 3.0 kW, an antenna radiation center 86.9 meters above ground, and the specific elevation pattern for the proposed ERI ALV2 antenna, maximum power density two meters above ground of 0.0015 mW/cm^2 is calculated to occur 64 meters from the base of the tower. Since this is only 0.8 percent of the 0.20 mW/cm^2 reference for uncontrolled environments (areas with access to the public) surrounding a facility operating on Channel 7 (174-180 MHz), a grant of this proposal may be considered a minor environmental action with respect to public exposure to non-ionizing 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 non-ionizing radiation.