

W26FI-D FI 187850

Minor change: Change to ASR 1060119. The original CP BNPDTL-20100723AIO is located within the West Palm exclusion zone. This amendment is to change to ASR 1060119, which is the closest American Tower site to the original CP. FidelityTV has a long standing relationship with American Tower. Even though there may be a tower closer than the 12.4 km location of ASR 1060119, FidelityTV does not have a working relationship with the other owners.

Study created: 2022.08.04 17:32:04

Study build station data: LMS TV 2022-08-03

Proposal: W26FI-D D26 LD APP OKEECHOBEE, FL
File number: ASR 1060119
Facility ID: 187850
Station data: User record
Record ID: 325
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
No	WMMF-LD	N19+	TX	LIC	VERO BEACH, FL	BLTTL20070912ABV	65.9 km
No	WBEC-TV	D25	DT	LIC	BOCA RATON, FL	BLANK0000064037	175.6
No	WFEF-LD	D25	LD	LIC	Orlando, FL	BLANK0000067989	139.3
No	WFTT-TV	D25	DT	LIC	VENICE, FL	BLANK0000001148	131.9
No	W25ER-D	D25	LD	CP	VERO BEACH, FL	BNPDTL20100723AHA	56.8
No	W25ER-D	D25	LD	APP	VERO BEACH, FL	BLANK0000149823	58.9
No	WXAX-CD	D26	DC	LIC	CLEARWATER, FL	BLANK0000158053	133.3
No	WGVT-LD	D26	LD	CP	GAINESVILLE, FL	BLANK0000194621	294.0
No	WGVT-LD	D26	LD	LIC	GAINESVILLE, FL	BLDTL20080605AAQ	293.9
No	W26DP-D	D26	LD	LIC	INVERNESS, FL	BLDTT20100122AAL	214.3
No	W45BZ	D26+	LD	CP	JACKSONVILLE, FL	BLANK0000054939	326.4
No	WLRN-TV	D26	DT	LIC	MIAMI, FL	BLANK0000123106	176.1
No	WHDN-CD	D26	DC	CP	NAPLES, FL	BLANK0000159121	128.3
No	WHDN-CD	D26	DC	LIC	NAPLES, FL	BLANK0000001626	153.5
No	WKMG-TV	D26	DT	LIC	ORLANDO, FL	BLANK0000149963	136.2
No	WSNN-LD	D26	LD	LIC	SARASOTA, FL	BLANK0000059117	143.3
No	WLZE-LD	D27	LD	LIC	FORT MYERS, FL	BLANK0000185687	98.5
No	WSFL-TV	D27	DT	LIC	MIAMI, FL	BLANK0000070454	176.0
No	WRDQ	D27	DT	LIC	ORLANDO, FL	BLANK0000149085	131.6
No	WTBT-LD	D27	LD	LIC	TAMPA, FL	BLANK0000179693	133.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D26
Mask: Simple
Latitude: 27 23 7.10 N (NAD83)
Longitude: 81 0 51.70 W
Height AMSL: 23.2 m (Adjusted based on actual ground elevation calculation)
HAAT: 0.0 m
Peak ERP: 0.100 kW
Antenna: Sam-SAMCO160 (ID 1009817) 160.0 deg
Elev Pattn: Generic

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.001 kW	6.1 m	3.4 km
45.0	0.004	6.1	4.4
90.0	0.004	12.1	4.6
135.0	0.068	12.9	9.2
180.0	0.079	14.7	9.5
225.0	0.007	11.3	5.3
270.0	0.003	11.8	4.3

315.0 0.001 8.1 3.5

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 10 m

Distance to Canadian border: 1593.5 km

Distance to Mexican border: 1586.8 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 56.7 degrees Distance: 44.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 308.7 degrees Distance: 2633.9 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%

---- Below is IX received by proposal ASR 1060119 ----

Proposal receives 26.05% interference from scenario 1
No IX check failures found.

West palm

Latitude: 26-42-36 N
Longitude: 080-30-56 W
ERP: 1.00 kW
Channel: 2
Frequency: 57.0 MHz
AMSL Height: 100.0 m
Elevation: 0.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: Longley-Rice
Climate: Cont temperate
Conductivity: 0.0050
Dielec Const: 15.0
Refractivity: 311.0
Receiver Ht AG: 10.0 m
Receiver Gain: 0 dB
Time Variability: 50.0%
Sit. Variability: 50.0%
ITM Mode: Broadcast

Line of Sight

