

## WRCF PROPOSED STA FACILITY ON CH 35

Study created: 2017.08.06 14:45:12

Study build station data: LMS TV 2017-08-01 (10)

Proposal: WRCF-CD35 D35 DC APP ORLANDO, FL  
File number: NEW  
Facility ID: 10549  
Station data: User record  
Record ID: 74  
Country: U.S.

### Individual records excluded:

0000025100	WFTV D35 DT CP ORLANDO, FL BLANK0000025100
0000027156	WUCF-TV D34 DT APP *P ORLANDO, FL BLANK0000027156
0000028164	WHDO-CD D36 DC CP ORLANDO, FL BLANK0000028164
10521	WHDO-CD D36 DC BL ORLANDO, FL DTVBL10521
12855	WUCF-TV D34 DT BL ORLANDO, FL DTVBL12855
72076	WFTV D35 DT BL ORLANDO, FL DTVBL72076

No protected stations found.

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

### Record parameters as studied:

Channel: D35  
Mask: Full Service  
Latitude: 28 35 12.60 N (NAD83)  
Longitude: 81 4 57.50 W  
Height AMSL: 210.9 m  
HAAT: 275.0 m  
Peak ERP: 14.0 kW  
Antenna: ATC-BCH4100S-16 0.0 deg  
Elev Pattn: Generic

50.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.875 kW	202.4 m	35.5 km
45.0	0.255	206.4	29.3
90.0	0.202	206.7	28.2
135.0	0.397	197.9	31.1
180.0	1.71	190.8	38.3
225.0	7.41	191.4	46.0
270.0	13.8	193.5	49.3
315.0	4.31	197.7	43.5

Database HAAT does not agree with computed HAAT

Database HAAT: 275 m    Computed HAAT: 198 m

Distance to Canadian border: 1459.8 km

Distance to Mexican border: 1590.4 km

Conditions at FCC monitoring station: Vero Beach FL

Bearing: 158.0 degrees    Distance: 117.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 306.6 degrees    Distance: 2547.1 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%

No IX check failures found.

tvstudy v2.2.3 (ujVPF2)  
Database: 127.0.0.1, Study: NEW (275), Model: Longley-Rice  
Start: 2017.08.06 14:45:29

Study created: 2017.08.06 14:45:12

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Interference to proposal, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WRCF-CD35	D35	DC	APP	ORLANDO, FL	NEW	
Undesireds:	WFLX	D35	DT	CP	WEST PALM BEACH, FL	BLANK0000025089	238.4 km
	WSPF-CD	D36	DC	CP	ST. PETERSBURG, FL	BLANK0000024927	143.2

	Service area		Terrain-limited		IX-free		Percent IX
4615.0	1,786,712	4615.0	1,786,712	4615.0	1,786,712	0.00	0.00

### Coverage Baseline for Post-Auction Table of Allotments

	Noise Limited	Ter. Limited	Interfer. Free
10549 BLDTA20130705AAR WRCF-CD 16 ORLANDO,FL DC	4780.2 1820391	4780.2 1820391	4776.2 1820390

Proposed population 98.15% of Baseline.