



Kessler and Gehman Associates
Consultants • Broadcast • Wireless

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Study build station data: LMS TV 2021-04-19

Proposal: WEDU D13 DT CP TAMPA, FL
File number: WEDU-D13 Maximization CP APP
Facility ID: 21808
Station data: User record
Record ID: 2645
Country: U.S.
Zone: III

Search options:

Non-U.S. records included

Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	WTVT	D12	DT	LIC	TAMPA, FL	BLANK0000125274	3.9 km
No	WPTV-TV	D12	DT	LIC	WEST PALM BEACH, FL	BLCDT20090619ACF	246.4
Yes	WTLV	D13	DT	LIC	JACKSONVILLE, FL	BLCDT20090702AAJ	278.3
No	WMBB	D13	DT	LIC	PANAMA CITY, FL	BLCDT20090220AAF	412.0
Yes	WPEC	D13	DT	LIC	WEST PALM BEACH, FL	BLCDT20100427ABV	246.7
Yes	WPEC	D13	DT	CP	WEST PALM BEACH, FL	BLANK0000035652	246.7
No	WBFL-CD	D13-	DC	LIC	VALDOSTA, GA	BLANK0000004604	330.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D13
Latitude: 27 50 51.50 N (NAD83)
Longitude: 82 15 49.40 W
Height AMSL: 491.8 m
HAAT: 471.9 m

Peak ERP: 38.0 kW
Antenna: THV-11A13/CP 04 SP 0.0 deg
Elev Pattn: Generic
Elec Tilt: 0.75

36.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	38.0 kW	471.5 m	117.2 km
45.0	38.0	475.5	117.4
90.0	38.0	465.3	116.8
135.0	38.0	461.2	116.5
180.0	38.0	461.4	116.5
225.0	38.0	472.8	117.3
270.0	38.0	483.7	117.9
315.0	38.0	484.3	117.9

Distance to Canadian border: 1537.1 km

Distance to Mexican border: 1467.0 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 99.1 degrees Distance: 162.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 308.9 degrees Distance: 2505.8 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%

Proposal causes no interference to BLANK0000125274 LIC
Proposal causes 0.50% interference to BLCDT20090702AAJ LIC scenario 1
Proposal causes 0.17% interference to BLCDT20100427ABV LIC scenario 1

Proposal causes 0.17% interference to BLANK0000035652 CP scenario 1

---- Below is IX received by proposal WEDU-D13 Maximization ----

Proposal receives 5.12% interference from scenario 1

Proposal receives 4.43% interference from scenario 2

No IX check failures found.