

Study created: 2017.10.24 13:35:31

Study build station data: LMS TV 2017-10-23 (54)

Proposal: WHMC D28 DT CP CONWAY, SC
File number: BLANK0000025029
Facility ID: 61004
Station data: User record
Record ID: 1959
Country: U.S.
Zone: II

Search options:

Non-U.S. records included

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
WPDE-TV	D27	DT	CP	FLORENCE, SC	BLANK0000025691	50.7 km
WPDE-TV	D27	DT	BL	FLORENCE, SC	DTVBL17012	50.7
WJBF	D28	DT	CP	AUGUSTA, GA	BLANK0000028403	259.2
WJBF	D28	DT	BL	AUGUSTA, GA	DTVBL27140	259.2
WMYV	D28	DT	CP	GREENSBORO, NC	BLANK0000027771	222.9
WMYV	D28	DT	BL	GREENSBORO, NC	DTVBL25544	222.9
WUNM-TV	D28	DT	CP	JACKSONVILLE, NC	BLANK0000025768	206.9
WUNM-TV	D28	DT	BL	JACKSONVILLE, NC	DTVBL69444	206.9
WSFX-TV	D29	DT	CP	WILMINGTON, NC	BLANK0000025216	87.2
WSFX-TV	D29	DT	BL	WILMINGTON, NC	DTVBL72871	87.2
WRJA-TV	D29	DT	CP	SUMTER, SC	BLANK0000025019	107.5
WRJA-TV	D29	DT	BL	SUMTER, SC	DTVBL61012	107.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D28
Latitude: 33 56 59.00 N (NAD83)
Longitude: 79 6 30.00 W
Height AMSL: 265.1 m
HAAT: 245.8 m
Peak ERP: 950 kW
Antenna: 80.0 deg
Elev Pattn: Generic
Elec Tilt: 0.5

40.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	273 kW	239.3 m	79.8 km
45.0	352	234.6	80.8
90.0	868	246.3	89.2
135.0	173	255.2	78.6
180.0	667	252.2	87.4
225.0	548	247.4	85.0
270.0	186	249.6	78.5
315.0	909	241.8	89.1

Distance to Canadian border: 905.9 km

Distance to Mexican border: 1927.0 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 270.5 degrees Distance: 518.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 294.2 degrees Distance: 2406.6 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 receives 4.58% interference from scenario 1
Proposal receives 4.57% interference from scenario 2
Proposal receives 4.58% interference from scenario 3
Proposal receives 4.57% interference from scenario 4
Proposal receives 4.58% interference from scenario 5
Proposal receives 4.57% interference from scenario 6
Proposal receives 4.58% interference from scenario 7
Proposal receives 4.57% interference from scenario 8
No IX check failures found.