

Study created: 2017.11.01 09:51:54

Study build station data: LMS TV 2017-10-27 (57)

Proposal: WNTV D8 DT BL GREENVILLE, SC
File number: WNTV C160 208kW
Facility ID: 61010
Station data: User record
Record ID: 2246
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
WOLO-TV	D7	DT	CP	COLUMBIA, SC	BLANK0000027060	176.5 km
WOLO-TV	D7	DT	BL	COLUMBIA, SC	DTVBL60963	176.5
WKNX-TV	D7	DT	LIC	KNOXVILLE, TN	BLCDT20040810ABE	181.9
WVAN-TV	D8	DT	CP	SAVANNAH, GA	BLANK0000025888	319.2
WVAN-TV	D8	DT	APP	SAVANNAH, GA	BLANK0000034200	319.2
WVAN-TV	D8	DT	BL	SAVANNAH, GA	DTVBL23947	319.2
WNCN	D8	DT	CP	GOLDSBORO, NC	BLANK0000029595	361.5
WNCN	D8	DT	APP	GOLDSBORO, NC	BLANK0000027616	361.5
WNCN	D8	DT	BL	GOLDSBORO, NC	DTVBL50782	361.5
WDEF-TV	D8	DT	CP	CHATTANOOGA, TN	BLANK0000026651	266.0
WDEF-TV	D8	DT	BL	CHATTANOOGA, TN	DTVBL54385	266.0
WSWP-TV	D8	DT	CP	GRANDVIEW, WV	BLANK0000026238	352.2
WSWP-TV	D8	DT	BL	GRANDVIEW, WV	DTVBL71680	352.2
WTVI	D9	DT	CP	CHARLOTTE, NC	BLANK0000028208	160.6
WTVI	D9	DT	BL	CHARLOTTE, NC	DTVBL10645	160.6
WJHL-TV	D9	DT	CP	JOHNSON CITY, TN	BLANK0000027557	167.5
WJHL-TV	D9	DT	BL	JOHNSON CITY, TN	DTVBL57826	167.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D8
Latitude: 34 56 29.00 N (NAD83)
Longitude: 82 24 37.00 W
Height AMSL: 697.7 m
HAAT: 390.0 m
Peak ERP: 208 kW
Antenna: THV-9A8/VP-R C160 SP 305.0 deg
Elev Pattn: Generic
Elec Tilt: 0.5

36.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	190 kW	369.9 m	124.1 km
45.0	203	399.6	128.0
90.0	194	390.5	126.4
135.0	206	392.1	127.3
180.0	172	401.1	126.1
225.0	70.5	403.4	116.9
270.0	43.3	393.7	111.6
315.0	89.0	369.6	116.1

ERP exceeds maximum

ERP: 208 kW ERP maximum: 95.0 kW

**Proposal service area extends beyond baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 748.6 km

Distance to Mexican border: 1707.7 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 241.2 degrees Distance: 243.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 292.8 degrees Distance: 2085.1 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%

**MX with BLANK0000034200 APP, 0.82% interference, scenario 1
**MX with BLANK0000034200 APP, 0.81% interference, scenario 2
**MX with BLANK0000034200 APP, 0.82% interference, scenario 3
**MX with BLANK0000034200 APP, 0.82% interference, scenario 4
**MX with BLANK0000034200 APP, 0.82% interference, scenario 5
**MX with BLANK0000034200 APP, 0.81% interference, scenario 6
**MX with BLANK0000034200 APP, 0.81% interference, scenario 7
**MX with BLANK0000034200 APP, 0.82% interference, scenario 8
**MX with BLANK0000034200 APP, 0.82% interference, scenario 9
**MX with BLANK0000027616 APP, 0.79% interference, scenario 1
**MX with BLANK0000027616 APP, 0.79% interference, scenario 2
**MX with BLANK0000027616 APP, 0.79% interference, scenario 3
**MX with BLANK0000027616 APP, 0.79% interference, scenario 4
**MX with BLANK0000027616 APP, 0.79% interference, scenario 5
**MX with BLANK0000027616 APP, 0.79% interference, scenario 6
**MX with BLANK0000027616 APP, 0.79% interference, scenario 7
**MX with BLANK0000027616 APP, 0.79% interference, scenario 8
**MX with BLANK0000027616 APP, 0.79% interference, scenario 9
**MX with BLANK0000027616 APP, 0.79% interference, scenario 10
**MX with BLANK0000027616 APP, 0.79% interference, scenario 11
**MX with BLANK0000027616 APP, 0.79% interference, scenario 12
**MX with BLANK0000027616 APP, 0.79% interference, scenario 13
**MX with BLANK0000027616 APP, 0.79% interference, scenario 14
**MX with BLANK0000027616 APP, 0.79% interference, scenario 15
**MX with BLANK0000027616 APP, 0.79% interference, scenario 16
Proposal receives 0.52% interference from scenario 1
**MX with BLANK0000027616 APP, 0.70% interference, scenario 2
Proposal receives 0.52% interference from scenario 3
Proposal receives 0.52% interference from scenario 4
**MX with BLANK0000027616 APP, 0.70% interference, scenario 5
Proposal receives 0.52% interference from scenario 6
Proposal receives 0.52% interference from scenario 7
**MX with BLANK0000027616 APP, 0.70% interference, scenario 8
Proposal receives 0.52% interference from scenario 9
Proposal receives 0.52% interference from scenario 10
**MX with BLANK0000027616 APP, 0.70% interference, scenario 11
Proposal receives 0.52% interference from scenario 12
Proposal receives 0.52% interference from scenario 13
**MX with BLANK0000027616 APP, 0.70% interference, scenario 14
Proposal receives 0.52% interference from scenario 15
Proposal receives 0.52% interference from scenario 16
**MX with BLANK0000027616 APP, 0.70% interference, scenario 17
Proposal receives 0.52% interference from scenario 18

**MX with scenario 273, receives 0.81% interference
**MX with BLANK0000034200 APP, 0.63% interference, scenario 274
**MX with BLANK0000027616 APP, 0.66% interference, scenario 275
**MX with BLANK0000034200 APP, 0.63% interference, scenario 277
**MX with scenario 279, receives 0.81% interference
**MX with BLANK0000034200 APP, 0.63% interference, scenario 280
**MX with BLANK0000027616 APP, 0.66% interference, scenario 281
**MX with BLANK0000034200 APP, 0.63% interference, scenario 283
**MX with scenario 285, receives 0.81% interference
**MX with BLANK0000034200 APP, 0.63% interference, scenario 286
**MX with BLANK0000027616 APP, 0.66% interference, scenario 287