

Study created: 2017.11.01 10:17:45

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

Proposal: WSPA-TV D11 DT CP SPARTANBURG, SC
File number: Proposed
Facility ID: 66391
Station data: User record
Record ID: 2247
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
WIS	D10	DT	LIC	COLUMBIA, SC	BLCDT20090624ABZ	182.2 km
WBIR-TV	D10	DT	LIC	KNOXVILLE, TN	BLCDT20090619ADG	175.6
WTVM	D11	DT	LIC	COLUMBUS, GA	BLCDT20131113BGN	392.0
WTOC-TV	D11	DT	LIC	SAVANNAH, GA	BLCDT20090622ABP	357.1
WHMC	D11	DT	CP	CONWAY, SC	BLANK0000025029	321.3
WHMC	D11	DT	BL	CONWAY, SC	DTVBL61004	321.3
WOPI-CD	D11	DC	CP	BRISTOL,VA/KINGSPORT, TN	BLANK0000026128	140.9
WOPI-CD	D11	DC	BL	BRISTOL,VA/KINGSPORT, TN	DTVBL27490	140.9
WVNS-TV	D11	DT	CP	LEWISBURG, WV	BLANK0000029985	322.1
WVNS-TV	D11	DT	BL	LEWISBURG, WV	DTVBL74169	322.1
WRDW-TV	D12	DT	LIC	AUGUSTA, GA	BLCDT20090227ABQ	199.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D11
Latitude: 35 10 12.40 N (NAD83)
Longitude: 82 17 26.40 W
Height AMSL: 1103.4 m
HAAT: 669.4 m
Peak ERP: 33.5 kW
Antenna: Omnidirectional
Elev Pattnr: Generic
Elec Tilt: 1.0

36.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	33.5 kW	587.5 m	123.2 km
45.0	33.5	775.8	130.7
90.0	33.5	791.9	131.0
135.0	33.5	798.0	131.1
180.0	33.5	775.6	130.7
225.0	33.5	668.5	127.6
270.0	33.5	497.5	117.4
315.0	33.5	460.5	115.2

ERP exceeds maximum

ERP: 33.5 kW ERP maximum: 25.6 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: 723.3 km

Distance to Mexican border: 1730.4 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 237.6 degrees Distance: 266.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 292.1 degrees Distance: 2085.5 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%

**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 1
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 2
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 3
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 4
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 5
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 6
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 7
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 8
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 9
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 10
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 11
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 12
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 13
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 14
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 15
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 16
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 17
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**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 21
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 22
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 23
**IX check failure, 0.83% interference to DTVBL74169 BL, scenario 24