Study created: 2020.02.04 13:15:57

Study build station data: LMS TV 2020-02-04

Proposal: WHWD-LD D15 LD CP Winston-Salem, NC
File number: BLANK0000093727
Facility ID: 67958
Station data: User record
Record ID: 2974
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WTVI	D14	LD	LIC	CHARLOTTE, NC	BLEDT20110104AAK	104.9 km
No	WRDC	D14	DT	CP	DURHAM, NC	BLANK0000068684	162.0
Yes	WHKY-TV	D14	DD	CP	HICKORY, NC	BLANK0000078363	105.1
No	WLFG	D14	DD	LIC	GRUNDY, VA	BLANK0000071597	182.9
No	WDDZ-LD	D15	LD	CP	AUGUSTA, GA	BLANK0000036283	356.0
No	WGGD-LD	D15	LD	LIC	GAINESVILLE, GA	BLDTL20121213AIK	399.3
Yes	W15EB-D	D15	DC	LIC	CHARLOTTE, NC	BLANK0000083736	114.0
No	WNCB-LD	D15	LD	LIC	FAYETTEVILLE, NC	BLANK0000011263	163.3
No	W15CW-D	D15	LD	LIC	FRANKLIN, NC	BLDTT20111227ABE	317.6
No	W15CW-D	D15	LD	CP	FRANKLIN, NC	BMPDTT20110127AAR	317.6
No	W15CW-D	D15	LD	CP	FRANKLIN, NC	BDISDTT20090824ACL	317.6
No	W15DO-D	D15	LD	CP	GREENVILLE, NC	BDCCDTL20120416ABG	286.5
No	WDKT-LD	D15	LD	LIC	HENDERSONVILLE, NC	BLANK0000089000	233.5
No	W15DR-D	D15	LD	CP	MAGGIE VALLEY, ETC, NC	BDCCDTT20120706ABQ	265.9
Yes	W15DY-D	D15	LD	CP	MARION, ETC., NC	BLANK0000001742	164.7
Yes	W15EL-D	D15	LD	LIC	MARS HILL, NC	BLANK0000081166	208.9
Yes	WRAZ	D15	DT	CP	RALEIGH, NC	BLANK0000075888	162.0
Yes	W15EF-D	D15	LD	LIC	SPARTA, NC	BLANK0000055108	91.6
No	NEW	D15	LD	APP	WILMINGTON, NC	BNPDTL20090825ADO	282.0
No	WILM-LD	D15	LD	LIC	WILMINGTON, NC	BLANK0000055240	269.1
No	NEW	D15	LD	APP	WILMINGTON, NC	BNPDTL20090825AVF	269.1
No	WQCW	D15	DT	LIC	PORTSMOUTH, OH	BLANK0000100248	320.3
Yes	WLTX	D15	DT	LIC	COLUMBIA, SC	BLANK0000082085	226.4
No	W15DC-D	D15	LD	CP	FLORENCE, SC	BLANK0000036248	209.0
No	WCYD-LD	D15	LD	LIC	MYRTLE BEACH, SC	BLANK0000006413	266.2
No	WCYD-LD	D15	LD	CP	MYRTLE BEACH, SC	BLANK0000036537	308.8
No	WTNZ	D15	DT	LIC	KNOXVILLE, TN	BLANK0000081278	333.1
No	WFDC-DT	D15	DT	LIC	ARLINGTON, VA	BLANK0000041206	422.4
No	WHSV-TV	D15	LD	CP	HARRISONBURG, VA	BLANK0000071679	304.2

No	WUDW-LD	D15	LD	LIC	RICHMOND, VA	BLANK0000080926	283.9
No	WCEE-LD	D16	LD	LIC	CHARLOTTE, NC	BLANK0000005163	101.1
No	WCEE-LD	N16-	TX	LIC	CHARLOTTE, NC	BLTT20041025ACE	101.1
No	W16DI-D	D16	LD	CP	ROCKY MOUNT, NC	BDCCDTL20110725AAC	218.2
No	WXII-TV	D16	DT	LIC	WINSTON-SALEM, NC	BLANK0000081027	33.5
No	WJPM-TV	D16	DT	LIC	FLORENCE, SC	BLANK0000081200	206.4
No	WJPM-TV	D16	DT	CP	FLORENCE, SC	BLANK0000086360	206.4
No	WAPK-CD	D16	DC	LIC	BRISTOL VA/KINGSPORT, TN	BLANK0000070481	173.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D15
       Mask: Full Service
   Latitude:  36  5 25.00 N (NAD83)
  Longitude:  80 15  5.00 W
Height AMSL: 375.0 m
       HAAT: 0.0 m
   Peak ERP: 11.0 kW
    Antenna: SWR-SWLP8OI (ID 24202) 225.0 deg
Elev Pattrn: Generic
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48.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	4.09 kW	103.9 m	39.2 km
45.0	4.94	96.5	39.3
90.0	4.09	99.6	38.7
135.0	4.79	112.7	40.9
180.0	8.71	126.6	44.9
225.0	11.0	139.7	47.0
270.0	8.71	121.8	44.6
315.0	4.79	107.6	40.4

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 114 m

Distance to Canadian border: 648.0 km

Distance to Mexican border: 1940.9 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 40.4 degrees Distance: 456.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 289.2 degrees Distance: 2221.9 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

Study cell size: 1.00 km
Profile point spacing: 0.10 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

---- Below is IX received by proposal BLANK0000093727 ----

Proposal receives 19.98% interference from scenario 1
No IX check failures found.