

Study created: 2021.07.22 10:02:28

Study build station data: LMS TV 2021-07-16

Proposal: WWIW-LD D21 LD CP RALEIGH, NC  
File number: BLANK0000051778  
Facility ID: 70113  
Station data: User record  
Record ID: 1093  
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	DW19CA	N19-	TX	APP	LUMBERTON, NC	BLTT19961112JH	106.8 km
No	WUNC-TV	D20	DT	LIC	CHAPEL HILL, NC	BLANK0000138116	44.8
No	WDMC-LD	D20	LD	CP	CHARLOTTE, NC	BLANK0000054923	191.2
No	W20EM-D	D20	LD	CP	NEW BERN, NC	BLANK0000072072	161.5
No	W20DH-D	D20	LD	CP	FLORENCE, SC	BNPDTL20100409ABW	229.3
No	WHSV-TV	D20	DT	LIC	Massanutten, VA	BLANK0000063970	270.0
No	WGNT	D20	DT	LIC	PORTSMOUTH, VA	BLANK0000118341	225.5
No	WMPT	D21	DT	LIC	ANNAPOLIS, MD	BLANK0000136496	401.9
Yes	WUNG-TV	D21	DT	LIC	CONCORD, NC	BLANK0000113063	181.0
No	WNCR-LD	D21	LD	LIC	TARBORO, NC	BLANK0000055079	81.8
Yes	WUNJ-TV	D21	DT	LIC	WILMINGTON, NC	BLANK0000126699	168.2
No	W21DF-D	D21	LD	CP	WILMINGTON, NC	BNPDTL20100422AAK	178.3
No	WEBA-TV	D21	DT	LIC	ALLENDALE, SC	BLANK0000145391	381.6
Yes	WWCW	D21	DT	LIC	LYNCHBURG, VA	BLANK0000080987	190.3
No	WVBT	D21	DT	LIC	VIRGINIA BEACH, VA	BLANK0000125111	225.5
No	W23DR-D	D21	LD	CP	ROMNEY, WV	BLANK0000054636	391.3
No	WUVC-DT	D22	DT	LIC	FAYETTEVILLE, NC	BLANK0000125505	40.9
No	W22FC-D	D22	LD	CP	GREENVILLE, NC	BLANK0000149800	131.2
No	W22CJ	N22-	TX	LIC	JACKSONVILLE, NC	BLTT19990629JD	162.9
No	WACH	D22	DT	LIC	COLUMBIA, SC	BLANK0000093772	265.8
No	WCVE-TV	D22	DT	LIC	RICHMOND, VA	BLANK0000112529	214.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D21

Mask: Full Service  
Latitude: 35 47 22.00 N (NAD83)  
Longitude: 78 40 45.00 W  
Height AMSL: 226.0 m  
HAAT: 0.0 m  
Peak ERP: 15.0 kW  
Antenna: SWR-SWLP8OI (ID 24202) 310.0 deg  
Elev Pattn: Generic  
Elec Tilt: 1.00

49.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	11.4 kW	110.7 m	44.3 km
45.0	6.24	139.4	43.3
90.0	5.77	149.7	43.6
135.0	6.73	136.8	43.6
180.0	5.40	122.8	41.5
225.0	7.04	100.3	40.8
270.0	12.4	93.3	42.7
315.0	15.0	109.2	45.5

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 120 m

Distance to Canadian border: 729.3 km

Distance to Mexican border: 2048.6 km

Conditions at FCC monitoring station: Laurel MD  
Bearing: 23.0 degrees    Distance: 409.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 289.7 degrees    Distance: 2366.5 km

No land mobile station failures found

Study cell size: 1.00 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%

---- Below is IX received by proposal BLANK0000051778 ----

Proposal receives 2.71% interference from scenario 1  
No IX check failures found.