

Study created: 2022.01.05 12:39:41

Study build station data: LMS TV 2021-12-10

Proposal: WQHI-LD D33 LD CP MYRTLE BEACH, SC
File number: BLANK0000139414
Facility ID: 187928
Station data: User record
Record ID: 1587
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	111.5 km
No	WDRN-LD	D32	LD	LIC	FAYETTEVILLE, NC	BLANK0000141011	134.7
No	WTMQ-LD	D32	LD	CP	JACKSONVILLE, NC	BLANK0000029998	173.2
No	WAXN-TV	D32	DT	LIC	KANNAPOLIS, NC	BLANK0000146859	215.4
No	WRPX-TV	D32	DT	LIC	ROCKY MOUNT, NC	BLANK0000081831	232.7
No	WJWJ-TV	D32	DT	LIC	BEAUFORT, SC	BLANK0000100564	198.0
No	WMBF-TV	D32	DT	LIC	MYRTLE BEACH, SC	BLCDT20091105AAP	16.8
No	W33ER-D	D33	LD	CP	AUGUSTA, GA	BLANK0000155485	298.5
No	WGNM	D33	DT	LIC	MACON, GA	BLANK0000113679	434.6
No	WDID-LD	D33	LD	LIC	SAVANNAH, GA	BLANK0000106516	288.4
No	W33EH-D	D33	LD	LIC	BLACK MOUNTAIN, NC	BLANK0000082269	355.7
No	WJGC-LD	D33	LD	LIC	JACKSONVILLE, NC	BLANK0000117659	201.8
No	WJGC-LD	D33	LD	CP	JACKSONVILLE, NC	BLANK0000148623	226.9
No	WTNG-CD	D33	DC	LIC	LUMBERTON-PEMBROKE, NC	BLANK0000081109	91.1
No	W33EI-D	D33	LD	LIC	RALEIGH, NC	BLANK0000125022	205.0
No	WILT-LD	D33	LD	LIC	WILMINGTON, NC	BLANK0000081348	104.4
No	WUNL-TV	D33	DT	LIC	WINSTON-SALEM, NC	BLANK0000121301	301.2
No	WRLK-TV	D33	DT	LIC	COLUMBIA, SC	BLANK0000111852	173.7
No	W33DN-D	D33	LD	CP	FLORENCE, SC	BLANK0000162819	82.1
No	WNGS-LD	D33	LD	LIC	GREENVILLE, SC	BLANK0000059653	327.8
No	WTVZ-TV	D33	DT	CP	NORFOLK, VA	BLANK0000117232	400.2
No	WTVZ-TV	D33	DT	LIC	NORFOLK, VA	BLANK0000125150	400.2
No	WPEM-LD	D34	LD	LIC	LUMBERTON, NC	BLANK0000121677	88.1
No	WPEM-LD	D34	LD	CP	LUMBERTON, NC	BLANK0000124896	88.1
No	WYBE-CD	D34	DC	LIC	PINEHURST, NC	BLANK0000080833	146.2
No	WITN-TV	D34	DT	LIC	WASHINGTON, NC	BLANK0000091433	225.5
No	WIDO-LD	D34	LD	CP	WILMINGTON, NC	BLANK0000175425	86.3
No	WGWG	D34	DT	LIC	CHARLESTON, SC	BLCDT20060630ADJ	121.2
No	WNSC-TV	D34	DT	LIC	ROCK HILL, SC	BLANK0000105822	207.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D33
Mask: Simple
Latitude: 33 52 54.00 N (NAD83)
Longitude: 79 4 26.30 W
Height AMSL: 20.0 m
HAAT: 0.0 m
Peak ERP: 0.001 kW
Antenna: Sam-Sam137 Custom (ID 1008410) 235.0 deg
Elev Pattn: Generic
Elec Tilt: 0.50

50.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	-7.3 m	3.3 km
45.0	0.000	4.8	3.3
90.0	0.000	12.5	3.3
135.0	0.000	10.9	3.3
180.0	0.000	12.8	1.9
225.0	0.000	12.4	3.1
270.0	0.000	4.8	2.6
315.0	0.000	-1.0	3.3

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 6 m

Distance to Canadian border: 914.1 km

Distance to Mexican border: 1927.1 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 271.3 degrees Distance: 521.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 294.3 degrees Distance: 2412.6 km

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 BLANK0000139414 -----

Proposal receives 51.72% interference from scenario 1
No IX check failures found.