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Study build station data: LMS TV 2022-04-26

Proposal: WQHI-LD D33 LD LIC MYRTLE BEACH, SC
File number: BLANK0000179496
Facility ID: 187928
Station data: User record
Record ID: 1902
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	123.6 km
No	WDRN-LD	D32	LD	LIC	FAYETTEVILLE, NC	BLANK0000141011	144.6
No	WTMQ-LD	D32	LD	CP	JACKSONVILLE, NC	BLANK0000029998	165.7
No	WAXN-TV	D32	DT	LIC	KANNAPOLIS, NC	BLANK0000146859	235.8
No	WRPX-TV	D32	DT	LIC	ROCKY MOUNT, NC	BLANK0000081831	237.1
No	WJWJ-TV	D32	DT	LIC	BEAUFORT, SC	BLANK0000100564	205.7
No	WMBF-TV	D32	DT	LIC	MYRTLE BEACH, SC	BLCDT20091105AAP	19.1
No	W33ER-D	D33	LD	CP	AUGUSTA, GA	BLANK0000155485	315.2
No	WGNM	D33	DT	LIC	MACON, GA	BLANK0000113679	449.4
No	WDID-LD	D33	LD	LIC	SAVANNAH, GA	BLANK0000106516	295.0
No	W33EH-D	D33	LD	LIC	BLACK MOUNTAIN, NC	BLANK0000082269	376.7
No	WJGC-LD	D33	LD	LIC	JACKSONVILLE, NC	BLANK0000117659	196.4
No	WJGC-LD	D33	LD	CP	JACKSONVILLE, NC	BLANK0000148623	224.0
No	WTNG-CD	D33	DC	LIC	LUMBERTON-PEMBROKE, NC	BLANK0000081109	104.0
No	W33EI-D	D33	LD	LIC	RALEIGH, NC	BLANK0000125022	214.5
Yes	WILT-LD	D33	LD	LIC	WILMINGTON, NC	BLANK0000081348	90.6
No	WUNL-TV	D33	DT	LIC	WINSTON-SALEM, NC	BLANK0000121301	318.4
Yes	WRLK-TV	D33	DT	LIC	COLUMBIA, SC	BLANK0000111852	193.4
Yes	W33DN-D	D33	LD	LIC	FLORENCE, SC	BLANK0000179271	102.8
No	WNGS-LD	D33	LD	LIC	GREENVILLE, SC	BLANK0000059653	348.6
No	WTVZ-TV	D33	DT	CP	NORFOLK, VA	BLANK0000117232	399.2
No	WTVZ-TV	D33	DT	LIC	NORFOLK, VA	BLANK0000125150	399.2
No	WPEM-LD	D34	LD	LIC	LUMBERTON, NC	BLANK0000121677	100.0
No	WPEM-LD	D34	LD	CP	LUMBERTON, NC	BLANK0000124896	100.0
No	WYBE-CD	D34	DC	LIC	PINEHURST, NC	BLANK0000080833	161.3
No	WITN-TV	D34	DT	LIC	WASHINGTON, NC	BLANK0000091433	222.2
No	WIDO-LD	D34	LD	LIC	WILMINGTON, NC	BLANK0000178060	74.5
Yes	WGWG	D34	DT	LIC	CHARLESTON, SC	BLANK0000184942	122.2
No	WNSC-TV	D34	DT	LIC	ROCK HILL, SC	BLANK0000105822	228.8

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: Full Service
Latitude: 33 47 5.00 N (NAD83)
Longitude: 78 52 43.00 W
Height AMSL: 180.0 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: SWR-SWLP16WC (ID 77189) 180.0 deg
Elev Pattn: Generic

50.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.01 kW	171.8 m	34.7 km
45.0	4.54	171.1	42.4
90.0	12.2	173.3	47.7
135.0	13.3	177.6	48.4
180.0	15.0	176.0	48.9
225.0	13.3	174.5	48.2
270.0	12.2	168.9	47.4
315.0	4.54	173.6	42.6

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 173 m

Distance to Canadian border: 929.9 km

Distance to Mexican border: 1939.7 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 272.5 degrees Distance: 539.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 294.5 degrees Distance: 2433.5 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%

No IX check failures found.