

Study created: 2021.08.13 15:53:03

Study build station data: LMS TV 2021-07-22

Proposal: WMBE-LD D5 LD CP MYRTLE BEACH, SC  
File number: BLANK0000084006  
Facility ID: 187581  
Station data: User record  
Record ID: 1218  
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	W32EO-D	N5	TX	LIC	TRYON, ETC., NC	BLTTV19791115IW	363.6 km
No	W06DK-D	D6	LD	CP	FLORENCE, SC	BLANK0000151119	93.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D5  
Mask: Simple  
Latitude: 33 49 22.00 N (NAD83)  
Longitude: 78 40 29.00 W  
Height AMSL: 44.0 m  
HAAT: 0.0 m  
Peak ERP: 0.650 kW  
Antenna: Samco 1@30 1@250 0.0 deg  
Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.470 kW	35.8 m	23.4 km
45.0	0.562	34.5	23.9
90.0	0.150	44.0	19.9
135.0	0.036	44.0	14.0
180.0	0.080	44.0	16.9
225.0	0.509	44.0	25.9
270.0	0.538	31.5	22.9
315.0	0.129	37.1	17.6

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 39 m

Distance to Canadian border: 932.0 km

Distance to Mexican border: 1958.8 km

Conditions at FCC monitoring station: Powder Springs GA  
Bearing: 272.1 degrees    Distance: 558.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 294.3 degrees    Distance: 2448.9 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.