

Study created: 2020.06.23 11:24:23 JMc

Study build station data: LMS TV 2020-06-23

Proposal: WQQZ-CD D24 DC LIC PONCE, PR
File number: BLANK0000058704
Facility ID: 32142
Station data: User record
Record ID: 914
Country: U.S.

Build options:
Protect LPTV records from Class A

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WPRU-LP	N20z	TX	LIC	AQUADILLA, PR	BLTTL20101020ABE	55.8 km
No	W23EM-D	D23	LD	LIC	CEIBA, PR	BLANK0000010679	115.9
Yes	WWSN	D23	DT	LIC	HUMACAO, PR	BLANK0000077885	97.4
Yes	WQSJ-CD	D23	DC	LIC	QUEBRADILLAS, PR	BLANK0000060641	52.7
No	WCVI-TV	D23	DT	LIC	CHRISTIANSTED, VI	BLANK0000053850	217.0
No	WSJX-LP	N24z	TX	LIC	AQUADILLA, PR	BLTTL20050407AAH	55.8
Yes	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000059688	71.3
Yes	WUJA	D24	DT	BL	CAGUAS, PR	DTVBL8156	71.3
No	W24DW-D	D24	LD	LIC	CULEBRA, PR	BLANK0000010481	155.6
No	W24EI-D	D24	LD	LIC	Naranjito, PR	BLANK0000004264	56.3
No	W24DO-D	D24	LD	LIC	SION FARM, ST CROIX, VI	BLANK0000010845	209.6
Yes	WQHA	D25	DT	LIC	AGUADA, PR	BLANK0000065599	53.2
No	W21DD-D	D25	LD	CP	NAGUABO, PR	BLANK0000092523	72.8
No	W25EF-D	D25	LD	CP	TOA BAJA, PR	BLANK0000092520	72.8
No	W25EF-D	D25	LD	LIC	TOA BAJA, PR	BLDTL20140611AAU	56.3
No	W28EQ-D	N32+	TX	LIC	UTUADO, PR	BLTT19890703IC	22.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D24
Mask: Full Service
Latitude: 18 4 38.80 N (NAD83)
Longitude: 66 45 1.60 W
Height AMSL: 580.3 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 1.00

49.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	-168.1 m	30.6 km
45.0	15.0	-178.6	30.6
90.0	15.0	342.7	59.2
135.0	15.0	456.0	64.8
180.0	15.0	545.0	67.5
225.0	15.0	485.0	65.7

270.0	15.0	361.2	60.1
315.0	15.0	-185.6	30.6

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 207 m

Distance to Canadian border: 2967.6 km

Distance to Mexican border: 3222.0 km

Conditions at FCC monitoring station: Santa Isabel PR
Bearing: 101.4 degrees Distance: 40.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 311.9 degrees Distance: 4415.8 km

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%

No IX check failures found.