

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: Jack15d4kwTUA230F, Model: Longley-Rice

Start: 2021.08.12 09:29:44

Study created: 2021.08.12 09:29:44

Study build station data: LMS TV 2021-08-12

Proposal: W15DV-D D15 LD APP Jacksonville, VT

Facility ID: 186684

Station data: User record

Record ID: 351

Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WPTZ	D14	DT	LIC	PLATTSBURGH, NY	BLANK0000058609	190.0 km
No	WSYT	D14	DT	LIC	SYRACUSE, NY	BLANK0000086898	276.7
No	WGME-TV	D15	DT	LIC	PORTLAND, ME	BLANK0000080225	223.9
No	WLLB-LD	D15	LD	LIC	PORTLAND, ME	BLDTL20131108AAX	220.6
No	W15EG-D	D15-	LD	LIC	CORNING, NY	BLANK0000129359	358.1
No	WRGB	D15	LD	CP	SCHENECTADY, NY	BLANK0000054700	94.1
No	W15CO-D	D15	LD	LIC	TOWANDA, PA	BLDTT20081125AUS	327.7
No	WFNY-CD	D16	DC	LIC	GLOVERSVILLE, NY	BLANK0000068459	131.2
No	WFFF-TV	D16	DT	LIC	BURLINGTON, VT	BLANK0000120283	190.1
No	DW16AL	N16+	TX	APP	BURLINGTON, VT	BLTT19940720IH	172.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D15

Mask: Full Service  
Latitude: 42 48 56.70 N (NAD83)  
Longitude: 72 48 18.00 W  
Height AMSL: 507.8 m (Adjusted based on actual ground elevation calculation)  
HAAT: 0.0 m  
Peak ERP: 4.00 kW  
Antenna: DIE-TUA (ID 120649) 230.0 deg  
Elev Pattn: Generic

48.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.020 kW	-108.9 m	7.2 km
45.0	0.013	23.7	6.6
90.0	0.006	130.8	11.2
135.0	0.007	124.6	11.3
180.0	0.493	50.2	20.9
225.0	3.85	-29.9	25.4
270.0	1.09	-96.9	19.5
315.0	0.004	-99.1	4.8

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: -1 m

Proposal 23.83 dBu contour does not cross Canadian border  
Distance to Canadian border: 244.5 km

Distance to Mexican border: 2879.0 km

Conditions at FCC monitoring station: Belfast ME  
Bearing: 57.6 degrees    Distance: 349.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 274.8 degrees    Distance: 2698.9 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

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%

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Interference to proposal scenario 1

2.48% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W15DV-D	D15	LD	APP	Jacksonville, VT		
Undesireds:	WGME-TV	D15	DT	LIC	PORTLAND, ME	BLANK0000080225	223.9 km
	WRGB	D15	LD	CP	SCHENECTADY, NY	BLANK0000054700	94.1

Service area	Terrain-limited	IX-free	Percent IX
724.8	7,806	601.8	6,462
		573.5	6,302
			4.69
			2.48

Undesired	Total IX	Unique IX	Prcnt Unique IX
WGME-TV D15 DT LIC	28.2	160	27.2
			160
			4.52
			2.48
WRGB D15 LD CP	1.0	0	0.0
			0.00
			0.00