

## Minor Modification

Study created: 2022.06.27 09:49:30

Study build station data: LMS TV 2022-06-23

Proposal: W22FE-D D24 LD CP AUGUSTA, ME  
File number: ASR 1296800 @ 90  
Facility ID: 184069  
Station data: User record  
Record ID: 1156  
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	DWGBI-LP	N21	TX	APP	FARMINGTON, ME	BLTT19980428JE	33.3 km
No	WPXG-TV	D23	DT	LIC	CONCORD, NH	BLANK0000078658	209.9
No	WLED-TV	D23	DT	LIC	LITTLETON, NH	BLANK0000122384	159.9
No	WLNE-TV	D24	DT	LIC	NEW BEDFORD, MA	BLANK0000117589	339.4
No	WHTX-LD	D24	LD	LIC	SPRINGFIELD, MA	BLANK0000082009	375.7
No	WIPL	D24	DT	LIC	LEWISTON, ME	BLANK0000075152	124.1
No	WTEN	D24	DT	LIC	ALBANY, NY	BLANK0000185786	411.5
No	WMEB-TV	D25	LD	LIC	ORONO, ME	BLEDT20110729ADO	96.4
No	DDW38CB	D25+	LD	APP	LITTLETON, NH	BLANK0000053201	159.9
No	DDWMUR-LP	D25-	LD	APP	Littleton, NH	BLANK0000138003	159.9

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: Simple  
Latitude: 44 43 0.10 N (NAD83)  
Longitude: 69 47 6.10 W  
Height AMSL: 103.4 m (Adjusted based on actual ground elevation calculation)  
HAAT: 0.0 m  
Peak ERP: 0.100 kW  
Antenna: SBP-UPSL (ID 100733) 90.0 deg  
Elev Pattn: Generic

49.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	-16.1 m	2.3 km
45.0	0.023	26.3	7.1
90.0	0.100	6.1	10.2
135.0	0.023	26.2	7.1
180.0	0.000	14.2	2.3
225.0	0.000	-22.6	2.3
270.0	0.000	18.2	2.3
315.0	0.000	7.0	2.3

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m Computed HAAT: 7 m

Proposal 24.76 dBu contour does not cross Canadian border  
Distance to Canadian border: 99.7 km

Distance to Mexican border: 3196.6 km

Conditions at FCC monitoring station: Belfast ME  
Bearing: 118.2 degrees Distance: 63.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 272.6 degrees    Distance: 2927.4 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.

**ASR 1296800**

0000193233

Latitude: 44-43-00.10 N

Longitude: 069-47-06.10 W

ERP: 0.10 kW

Channel: 29

Frequency: 563.0 MHz

AMSL Height: 101.4 m

Elevation: 95.4 m

Horiz. Pattern: Directional

Vert. Pattern: Yes

Elec Tilt: 0.75

Prop Model: Longley-Rice

Climate: Cont temperate

Conductivity: 0.0050

Dielec Const: 15.0

Refractivity: 311.0


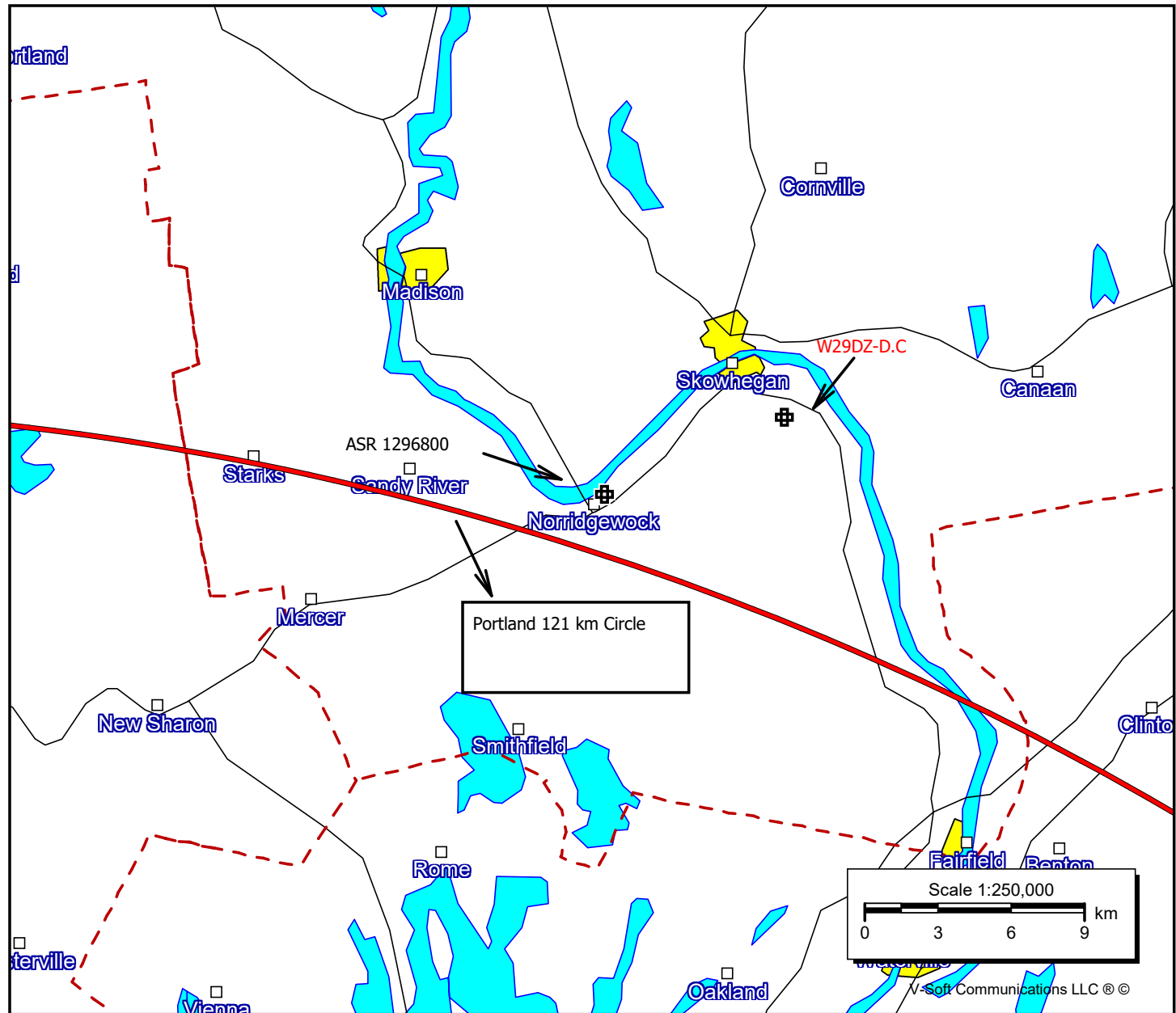
Receiver Ht AG: 10.0 m

Receiver Gain: 0 dB

Time Variability: 90.0%

Sit. Variability: 50.0%

ITM Mode: Broadcast

 Line of Sight

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