



**Kessler and Gehman Associates**  
Consultants • Broadcast • Wireless

Study created: 2020.02.20 07:22:19

Study build station data: LMS TV 2020-02-20

Proposal: WSBE-TV D2 DT LIC PROVIDENCE, RI  
File number: BLANK0000093072  
Facility ID: 56092  
Station data: User record  
Record ID: 2344  
Country: U.S.  
Zone: I

Search options:

Non-U.S. records included

Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	WDPN-TV	D2	DT	LIC	WILMINGTON, DE	BLANK0000074950	388.5 km
Yes	WLBZ	D2	DT	LIC	BANGOR, ME	BLCDT20090909AAK	382.8
Yes	WYCX-CD	D2	DC	LIC	MANCHESTER, ETC., VT	BLDVA20130502ACF	163.8
No	WJLP	D3	DT	CP	MIDDLETOWN TOWNSHIP, NJ	BLANK0000035766	261.2
No	WJLP	D3	DT	LIC	MIDDLETOWN TOWNSHIP, NJ	BLANK0000072919	256.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D2  
Latitude: 41 51 55.40 N (NAD83)  
Longitude: 71 17 12.70 W  
Height AMSL: 302.1 m  
HAAT: 273.4 m  
Peak ERP: 13.6 kW  
Antenna: Omnidirectional

Elev Pattn: Generic

28.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	13.6 kW	258.7 m	106.8 km
45.0	13.6	269.4	107.8
90.0	13.6	275.2	108.3
135.0	13.6	274.1	108.2
180.0	13.6	297.5	110.1
225.0	13.6	289.7	109.5
270.0	13.6	267.6	107.6
315.0	13.6	254.6	106.4

ERP exceeds maximum

ERP: 13.6 kW      ERP maximum: 10.0 kW

Proposal 13.00 dBu contour does not cross Canadian border

Distance to Canadian border: 350.3 km

Distance to Mexican border: 2932.0 km

Conditions at FCC monitoring station: Belfast ME

Bearing: 31.2 degrees      Distance: 337.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 277.6 degrees      Distance: 2834.4 km

Study cell size: 2.00 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%

Proposal causes no interference to BLANK0000074950 LIC

Proposal causes 0.05% interference to BLCDT20090909AAK LIC scenario 1

Proposal causes 0.33% interference to BLDVA20130502ACF LIC scenario 1

---- Below is IX received by proposal BLANK0000093072 ----

Proposal receives 2.09% interference from scenario 1

No IX check failures found.