



Kessler and Gehman Associates
Consultants • Broadcast • Wireless

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Study build station data: LMS TV 2019-12-13

Proposal: WVBT D29 DT LIC VIRGINIA BEACH, VA
File number: BLCDT20020326ABB
Facility ID: 65387
Station data: User record
Record ID: 2322
Country: U.S.
Zone: I

Search options:

Non-U.S. records included

Baseline record excluded if station has CP

All records for new LPTV stations excluded

Individual records excluded:

0000025090 WUND-TV D29 DT CP EDENTON, NC BLANK0000025090
0000034784 WRIC-TV D28 DT CP PETERSBURG, VA BLANK0000034784
69292 WUND-TV D29 DT BL EDENTON, NC DTVBL69292
74416 WRIC-TV D28 DT BL PETERSBURG, VA DTVBL74416

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WUNM-TV	D28	DT	CP	JACKSONVILLE, NC	BLANK0000034444	204.7 km
Yes	WWPB	D29	DT	CP	HAGERSTOWN, MD	BLANK0000034108	339.4
Yes	WMDT	D29	DT	CP	SALISBURY, MD	BLANK0000027459	198.9
No	WSFX-TV	D29	DT	CP	WILMINGTON, NC	BLANK0000034230	335.2
Yes	WXLV-TV	D29	DT	LIC	WINSTON-SALEM, NC	BLCDT20050624ABB	314.9
No	WRJA-TV	D29	DT	LIC	SUMTER, SC	BLANK0000081209	472.1
Yes	WCVW	D29	DT	CP	RICHMOND, VA	BLANK0000034129	123.4
No	WHIG-CD	D30	DC	CP	ROCKY MOUNT, NC	BLANK0000028657	152.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D29
Latitude: 36 49 15.00 N (NAD83)
Longitude: 76 30 40.00 W
Height AMSL: 227.4 m
HAAT: 220.3 m
Peak ERP: 815 kW
Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 0.50

40.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	815 kW	224.6 m	85.6 km
45.0	815	224.3	85.6
90.0	815	223.2	85.5
135.0	815	222.1	85.4
180.0	815	220.8	85.2
225.0	815	217.7	84.9
270.0	815	214.6	84.6
315.0	815	215.0	84.7

Distance to Canadian border: 690.5 km

Distance to Mexican border: 2273.6 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 354.1 degrees Distance: 262.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 287.3 degrees Distance: 2514.3 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 0.01% interference to BLANK0000034108 CP scenario 2

Proposal causes 0.48% interference to BLANK0000027459 CP scenario 1

IX check failure to BLCDT20050624ABB LIC scenario 1, 0.56% interference caused - **2.0% IX Allowable for Repack

IX check failure to BLANK0000034129 CP scenario 1, 8.84% interference caused - **PHASE 8

Proposal causes no interference to BLCDT20020326ABB LIC