



Kessler and Gehman Associates
Consultants • Broadcast • Wireless

Study created: 2020.01.06 06:59:47

Study build station data: LMS TV 2020-01-03

Proposal: WVBT D21 DT VIRGINIA BEACH, VA

File number: BLANK0000034803

Facility ID: 65387

Station data: User record

Record ID: 2340

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
No	WUNC-TV	D20	DT	CP	CHAPEL HILL, NC	BLANK0000075398	260.3 km
No	WGNT	D20	DT	CP	PORTSMOUTH, VA	BLANK0000034473	1.5
Yes	WMPT	D21	DT	LIC	ANNAPOLIS, MD	BLANK0000084314	243.5
No	WUNG-TV	D21	DT	CP	CONCORD, NC	BLANK0000034415	402.4
No	WUNJ-TV	D21	DT	CP	WILMINGTON, NC	BLANK0000075396	318.2
Yes	WWCW	D21	DT	LIC	LYNCHBURG, VA	BLANK0000080987	282.3
No	WUVC-DT	D22	DT	LIC	FAYETTEVILLE, NC	BLANK0000081291	264.8
Yes	WCVE-TV	D22	DT	CP	RICHMOND, VA	BLANK0000034128	123.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D21

Latitude: 36 49 15.00 N (NAD83)

Longitude: 76 30 40.00 W

Height AMSL: 227.4 m

HAAT: 220.3 m
Peak ERP: 523 kW
Antenna: TUA-O4-8/32H-1-R SM 0.0 deg
Elev Pattn: Generic
Elec Tilt: 0.50

39.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	523 kW	224.6 m	83.5 km
45.0	523	224.3	83.5
90.0	523	223.2	83.4
135.0	523	222.1	83.3
180.0	523	220.8	83.2
225.0	523	217.7	82.9
270.0	523	214.6	82.7
315.0	523	215.0	82.7

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

No land mobile station failures found

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 BLANK0000084314 LIC
Proposal causes 0.24% interference to BLANK0000080987 LIC scenario 1
Proposal causes no interference to BLANK0000034128 CP

---- Below is IX received by proposal BLANK0000034803 ----

Proposal receives 0.99% interference from scenario 1
No IX check failures found.