Study created: 2017.10.28 10:14:49

Study build station data: LMS TV 2017-10-26 (56)

Proposal: WRIC-TV D28 DT CP PETERSBURG, VA
File number: Proposed
Facility ID: 74416
Station data: User record
Record ID: 2016
Country: U.S.
Zone: I

Search options:
Non-U.S. records included
Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
WETA-TV	D27	DT	CP	WASHINGTON, DC	BLANK0000029879	166.2 km
WUNP-TV	D27	DT	CP	ROANOKE RAPIDS, NC	BLANK0000025919	137.3
WUNP-TV	D27	DT	BL	ROANOKE RAPIDS, NC	DTVBL69397	137.4
WFPT	D28	DT	APP	FREDERICK, MD	BLANK0000029876	195.9
WMYV	D28	DT	CP	GREENSBORO, NC	BLANK0000027771	269.6
WMYV	D28	DT	BL	GREENSBORO, NC	DTVBL25544	269.5
WUNM-TV	D28	DT	CP	JACKSONVILLE, NC	BLANK0000025768	268.7
WUNM-TV	D28	DT	BL	JACKSONVILLE, NC	DTVBL69444	268.7
WCAU	D28	DT	CP	PHILADELPHIA, PA	BLANK0000026896	347.8
WCAU	D28	DT	BL	PHILADELPHIA, PA	DTVBL63153	347.9
WCVW	D29	DT	CP	RICHMOND, VA	BLANK0000027458	0.0
WCVW	D29	DT	APP	RICHMOND, VA	BLANK0000034129	0.0
WCVW	D29	DT	BL	RICHMOND, VA	DTVBL9989	0.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D28
Latitude: 37 30 45.60 N (NAD83)
Longitude: 77 36 4.80 W
Height AMSL: 412.4 m
HAAT: 345.7 m
Peak ERP: 1000 kW
Antenna: Omnidirectional
Elev Pattrn: Generic
Elec Tilt: 0.6

40.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1000 kW	351.8 m	103.7 km
45.0	1000	347.5	103.3
90.0	1000	361.2	104.6
135.0	1000	354.0	103.9
180.0	1000	344.1	103.0
225.0	1000	342.9	102.9
270.0	1000	309.5	99.7
315.0	1000	354.9	104.0

**Proposal service area extends beyond baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 582.1 km

Distance to Mexican border: 2224.3 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 20.1 degrees Distance: 195.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 285.6 degrees Distance: 2399.9 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%

**MX with BLANK0000029876 APP, 0.53% interference, scenario 1
**MX with BLANK0000029876 APP, 0.53% interference, scenario 2
**MX with BLANK0000029876 APP, 0.53% interference, scenario 3
**MX with BLANK0000029876 APP, 0.53% interference, scenario 4
**MX with BLANK0000029876 APP, 0.52% interference, scenario 5
**MX with BLANK0000029876 APP, 0.52% interference, scenario 6
**MX with BLANK0000029876 APP, 0.52% interference, scenario 7
**MX with BLANK0000029876 APP, 0.53% interference, scenario 8
**MX with BLANK0000029876 APP, 0.53% interference, scenario 9
**MX with BLANK0000029876 APP, 0.53% interference, scenario 10
**MX with BLANK0000029876 APP, 0.53% interference, scenario 11
**MX with BLANK0000029876 APP, 0.53% interference, scenario 12
**MX with BLANK0000029876 APP, 0.52% interference, scenario 13
**MX with BLANK0000029876 APP, 0.52% interference, scenario 14
**MX with BLANK0000029876 APP, 0.52% interference, scenario 15
**MX with BLANK0000029876 APP, 0.53% interference, scenario 16