



Kessler and Gehman Associates
Consultants • Broadcast • Wireless

Study created: 2021.06.15 11:16:23

Study build station data: LMS TV 2021-06-15

Proposal: W17EE-D D17 LD CP LILESVILLE/WADESBORO, NC
File number: W17EE-D Proposed
Facility ID: 32316
Station data: User record
Record ID: 2658
Country: U.S.

Build options:
Protect pre-transition records not on baseline channel
Protect baseline records from LPTV

Search options:
Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WCEE-LD	D16	LD	LIC	CHARLOTTE, NC	BLANK0000005163	72.0 km
No	WPXU-TV	D16	DT	LIC	JACKSONVILLE, NC	BLANK0000129487	232.0
No	WDRH-LD	D16-	LD	LIC	Raleigh, NC	BLANK0000117661	174.0
No	WDRH-LD	D16-	LD	CP	Raleigh, NC	BLANK0000130099	143.2
No	WXII-TV	D16	DT	LIC	WINSTON-SALEM, NC	BLANK0000081027	155.5
No	WKDC-LD	D16	LD	CP	COLUMBIA, SC	BLANK0000054557	142.4
Yes	WJPM-TV	D16	DT	LIC	FLORENCE, SC	BLANK0000138174	84.3
No	WWYA-LD	D16	LD	LIC	HONEA PATH, SC	BLANK0000093423	224.6
No	WSB-TV	D17	LD	CP	ATLANTA, GA	BLANK0000137672	371.7
No	WJEA-LD	D17	LD	CP	AUGUSTA, GA	BLANK0000072016	278.4
No	W17DW-D	D17	LD	CP	SOPERTON, GA	BNPDTL20100510AHD	369.0
Yes	WCEE-LD	D17	LD	CP	CHARLOTTE, NC	BLANK0000054738	72.0
No	W17CT-D	D17	LD	LIC	MANTEO, NC	BLDTL20150311AAP	400.3
Yes	WRAL-TV	D17	DT	LIC	RALEIGH, NC	BLANK0000143682	147.9
No	W17DS-D	D17	LD	CP	SYLVA, ETC, NC	BDCCDTT20120615ADA	291.0
No	W17DO-D	D17	LD	CP	WILMINGTON, NC	BNPDTL20100422AAG	197.4
No	WTAT-TV	D17	DT	LIC	CHARLESTON, SC	BLANK0000118551	232.2

Yes	WHNS	D17	DT	LIC	GREENVILLE, SC	BLANK0000083635	249.4
No	WDTT-LD	D17	LD	LIC	KNOXVILLE, TN	BLANK0000136292	378.6
No	WKTD-CD	D17	DC	LIC	PORTSMOUTH, VA	BLTTA20050316ACC	368.4
No	WXOB-LP	D17z	LD	LIC	RICHMOND, VA	BLTTA20020809AAN	361.4
No	WXOB-LP	N17z	TX	CP	RICHMOND, VA	BPTTL20150303ACH	347.8
Yes	WVVA	D17	DT	LIC	BLUEFIELD, WV	BLANK0000087309	272.2
Yes	WVVA	D17	DT	CP	BLUEFIELD, WV	BLANK0000127491	272.2
Yes	WCCB	D18	DT	LIC	CHARLOTTE, NC	BLANK0000097908	76.7
No	WLFL	D18	DT	LIC	RALEIGH, NC	BLANK0000125309	147.9
No	WQDH-LD	D18	LD	LIC	WILMINGTON, NC	BLANK0000083869	206.7
No	WLCN-CD	D18	DC	LIC	CHARLESTON, SC	BLDTA20090616AAY	222.4
No	DW19CA	N19-	TX	APP	LUMBERTON, NC	BLTT19961112JH	80.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D17
 Mask: Full Service
 Latitude: 35 1 9.50 N (NAD83)
 Longitude: 79 56 49.20 W
 Height AMSL: 215.0 m
 HAAT: 127.1 m
 Peak ERP: 6.00 kW
 Antenna: Dielectric Model TLP-8J 0.0 deg
 Elev Pattn: Generic
 Elec Tilt: 0.75

49.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	2.12 kW	145.6 m	38.7 km
45.0	0.595	119.3	30.4
90.0	0.384	136.6	29.4
135.0	3.76	142.7	41.5
180.0	5.63	106.5	40.8
225.0	2.03	90.6	33.9

270.0	2.66	128.2	38.8
315.0	5.93	147.2	44.1

Distance to Canadian border: 770.1 km

Distance to Mexican border: 1907.4 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 255.0 degrees Distance: 456.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 291.8 degrees Distance: 2289.4 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

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%

Proposal causes no interference to BLANK0000138174 LIC
Proposal causes 0.18% interference to BLANK0000054738 CP scenario 1
Proposal causes 0.40% interference to BLANK0000143682 LIC scenario 2
Proposal causes 0.00% interference to BLANK0000083635 LIC scenario 2
Proposal causes no interference to BLANK0000087309 LIC
Proposal causes no interference to BLANK0000127491 CP
Proposal causes 0.03% interference to BLANK0000097908 LIC scenario 1

----- Below is IX received by proposal W17EE-D Proposed -----

Proposal receives 9.44% interference from scenario 1
Proposal receives 9.44% interference from scenario 2

Proposal receives 15.43% interference from scenario 3

Proposal receives 15.43% interference from scenario 4

No IX check failures found.