

W43CH_1kW_SL8_45DEG_RUN2_summary.txt
Summary Study

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
Census data selected 2000
Data Base Selected
./data_files/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-21-2015 Time: 12:24:51

Record Selected for Analysis

W43CH-D USERRECORD-01 BELVIDERE NJ US
Channel 43 ERP 1. kW HAAT 241. m RCAMSL 00409 m STRINGENT MASK
Latitude 040-46-14 Longitude 0075-03-52
Status APP Zone 1 Border Site number: 01
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 45.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station
Service Class = LD
Maximum height/power limits not checked

Site number	1		
Azimuth	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	0.882	295.5	39.9
45.0	1.000	175.0	34.4
90.0	0.871	220.6	36.2
135.0	0.484	246.6	34.4
180.0	0.457	228.5	33.2
225.0	0.537	229.8	34.1
270.0	0.457	287.7	36.0
315.0	0.484	245.8	34.4

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 348.9km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
43	W43CH-D	BELVIDERE NJ	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WFPA-CA	PHILADELPHIA PA	82.6	LIC	BLTTL	-20000428ABK
35	WYLN-LP	HAZLETON PA	78.2	LIC	BLTTL	-19950324IE
36	W36AZ	SUSSEX NJ	60.6	LIC	BLTT	-19970806JC
41	WNAI-LP	SPRINGVILLE NJ	82.3	LIC	BLTTL	-20041117ACS
42	WZME	BRIDGEPORT CT	176.2	LIC	BLCDDT	-20061218ACB
42	WZME	BRIDGEPORT CT	90.8	APP	BPCDDT	-20120601ARY +
42	WSKG-TV	BINGHAMTON NY	161.2	LIC	BLEDT	-20050526ACA
42	WKOB-LD	NEW YORK NY	92.3	CP MOD	BMPDDL	-20140710AAE
42	W42CX	PORT JERVIS NY	47.6	CP MOD	BMPDDL	-20101109ADN
42	W42CX	PORT JERVIS NY	73.4	LIC	BLTTL	-20070223AHH
42	W42AE	POUGHKEEPSIE NY	138.2	LIC	BLTTL	-20040225AAW
42	WTFX-TV	PHILADELPHIA PA	82.5	LIC	BLCDDT	-20120511ADN
43	WHTX-LP	HARTFORD CT	244.9	APP	BSTA	-20141107AAH
43	WGBX-TV	BOSTON MA	361.4	LIC	BLEDT	-20021219AAN
43	WHTX-LP	SPRINGFIELD MA	244.9	CP	BDCCDDL	-20141107AAG
43	W43BP	CRESAPTOWN MD	351.3	LIC	BLTT	-19981124JI
43	W42CK	HAGERSTOWN MD	264.3	CP	BDISDDL	-20090812AAO
43	WNJT	TRENTON NJ	62.9	LIC	BLEDT	-20110427ABE
43	WNED-TV	BUFFALO NY	405.9	LIC	BLEDT	-20030812AAJ
43	WNXY-LD	NEW YORK NY	94.4	LIC	BLDDL	-20100901AAD
43	W43CN-D	PORT JERVIS NY	76.8	CP MOD	BMPDDL	-20080325AIB
43	WCWN	SCHENECTADY NY	223.9	LIC	BLCDDT	-20110504ABZ
43	W43CO-D	KINGSTON PA	91.8	LIC	BLDDL	-20091109AAR
43	WDCN-LD	FAIRFAX VA	266.5	CP	BDCCDDL	-20101119ADD
44	WMCN-TV	ATLANTIC CITY NJ	117.4	LIC	BLCDDT	-20060707ACS
44	WNYW	NEW YORK NY	90.8	LIC	BLCDDT	-20080618AOC
44	WNYW	NEW YORK NY	90.8	CP	BPCDDT	-20110718AAP
44	WNYW	NEW YORK NY	90.8	STA	BDSTA	-20011102ABO
44	WVIA-TV	WAYMART PA	100.4	LIC	BLEDT	-20091210ACU
46	W46DQ	PORT JERVIS NY	73.4	LIC	BLTTL	-20070223AHL
47	W47AO	BERWICK PA	100.1	LIC	BLTTL	-19940815IF

+ Indicates station is part of a DTS

Study of this proposal found the following interference problem(s):

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43D NJ BELVIDERE                USERRECORD01
ERP      1.00 kW HAAT      241.0 m RCAMSL      409.0 m
Antenna usr USRPAT01

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43D NJ TRENTON          BLEDT          20110427ABE
ERP    59.40 kW  HAAT    266.0 m  RCAMSL    300.0 m
Antenna CDB 9999999999999999

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