

OET-69 Interference Analysis (WCCB-LD, Shelby, NC)

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-06-2009 Time: 13:29:21

Record Selected for Analysis

WCCB-LD USERRECORD-01 SHELBY NC US
Channel 26 ERP 12. kW HAAT 258. m RCAMSL 00506 m FULL SERVICE MASK
Latitude 035-13-57 Longitude 0081-16-34
Status APP Zone 2 Border
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 0.20 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	12.000	252.0	51.6
45.0	12.000	278.7	53.0
90.0	12.000	283.7	53.3
135.0	12.000	295.2	53.9
180.0	12.000	269.6	52.5
225.0	12.000	213.0	49.4
270.0	12.000	246.6	51.3
315.0	12.000	226.2	50.1

Contour Overlap to Proposed Station

Station			
WDMC-LP 25 CHARLOTTE	NC BPTTL20060323ABK	causes	

Contour overlap to Digital LPTV station
WCCB-LD 26 SHELBY NC USERRECORD01

Station			
WDMC-LP 25 CHARLOTTE	NC BLTTL19940627JF	causes	

Contour overlap to Digital LPTV station
WCCB-LD 26 SHELBY NC USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

Start of Interference Analysis

Proposed Station			
Channel	Call	City/State	ARN
26	WCCB-LD	SHELBY NC	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	W23BQ	ASHEVILLE, ETC. NC	107.0	LIC	BLTT	-20000222ABJ
23	W23BQ	ASHEVILLE, ETC. NC	107.1	CP	BPTTL	-20051115ABJ
24	WLNN-LP	BOONE NC	118.1	LIC	BLTTL	-19970516JB
24	W24AY	LILESVILLE/WADESBORO NC	123.1	LIC	BLTT	-19900423JV
25	WUNF-TV	ASHEVILLE NC	136.0	LIC	BLEDT	-20030401BAI
25	WJJV-LP	ASHEVILLE NC	115.3	LIC	BLTTL	-19990120JB
25	WUNF-TV	ASHEVILLE NC	136.0	CP	BPEDT	-20080619AEH
25	WUNC-TV	CHAPEL HILL NC	203.4	CP MOD	BMPEDT	-20080617AAK
25	WDMC-LP	CHARLOTTE NC	53.6	CP	BPTTL	-20060323ABK
25	WDMC-LP	CHARLOTTE NC	53.6	LIC	BLTTL	-19940627JF
25	W25AY	JEFFERSON NC	137.9	LIC	BLTT	-19910123ID
25	WKPT-LP	KINGSPORT TN	186.1	APP	BSTA	-20060331AXC
25	WKPT-LP	KINGSPORT TN	186.1	LIC	BLTT	-19871119IB
26	WTBS-LP	ATLANTA GA	328.8	LIC	BLTTL	-20000620AEP
26	WTBS-LP	ATLANTA GA	327.9	CP	BPTTL	-20070411ACJ
26	W23DN	ATLANTA GA	322.2	APP	BDISTT	-20060707AFQ
26	WKAS	ASHLAND KY	378.3	LIC	BLEDT	-20020404ABM
26	W26BK	TALBERT KY	272.1	LIC	BLTTL	-20001130ACD
26	WTNC-LP	DURHAM NC	229.0	LIC	BLTTL	-20040826AEF
26	W26CF	SUMMERVILLE SC	264.6	LIC	BLTT	-20070723ADK
26	W26CF	SUMMERVILLE SC	264.6	CP	BDFCDTT	-20060403AOI
26	W26BE	CHATTANOOGA TN	358.6	LIC	BLTTL	-19950313IR
26	WATE-TV	KNOXVILLE TN	255.7	LIC	BMLCDT	-20041203AEG
26	WBRA-DR	ROANOKE VA	240.3	APP	BPRM	-20080620AOI
27	WUNW	CANTON NC	152.4	APP	BMPEDT	-20080929AHM
27	WUNW	CANTON NC	152.4	CP	BPEDT	-20080402AAN
27	W27AB	CANTON, ETC. NC	152.4	LIC	BLTT	-1989
27	WCCB	CHARLOTTE NC	49.3	LIC	BLCDT	-20020227AAZ
27	W27BD	HIGHLANDS NC	177.8	LIC	BLTT	-20060222ABG
27	W27AX	LAKE LURE NC	91.4	LIC	BLTT	-19931006ID
27	WSQY-LD	GREENVILLE SC	108.2	CP	BDCCDTL	-20061023AFR
27	WKPT-TV	KINGSPORT TN	154.2	CP MOD	BMPCDT	-20050303AAJ
28	WGTB-LP	CHARLOTTE NC	53.6	LIC	BLTTL	-20000615AGB
30	W30CR	BISCOE NC	131.0	LIC	BLTT	-20090114AAM

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