

FIGURE 3 OET BULLETIN NO 69 INTERFERENCE STUDY
WSKC-STA REQUEST
FEBRUARY 2006

Summary Study

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-17-2006 Time: 12:01:59

Record Selected for Analysis

WSKC-STA USERRECORD-01 ATLANTA GA US
Channel 22 ERP 150. kW HAAT 30 m RCAMSL 00546 m
Latitude 034-04-01 Longitude 0084-27-23
Status APP Zone 1 Border Offset +
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 90.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	27.221	242.5	28.8
45.0	82.473	242.7	35.4
90.0	150.000	211.6	37.3
135.0	82.473	245.9	35.6
180.0	27.221	233.7	28.4
225.0	6.902	223.9	20.4
270.0	5.302	236.9	19.6
315.0	6.902	262.6	22.1

Evaluation from Class A Station

Station inside contour of station

WPBA 21 ATLANTA GA BLEDT 20041013ABK

Station inside contour of station

WPBA-DT 21 ATLANTA GA DTVPLN DTVP0432

Contour overlap to station

WCNC-TV 22 CHARLOTTE NC BLCDT 20031211ABN
Offset Proposed + Offset Protected Required D/U ratio: 21.0

Contour overlap to station

WCNC-DT 22 CHARLOTTE NC DTVPLN DTVP0492
Offset Proposed + Offset Protected Required D/U ratio: 21.0

Contour Overlap Evaluation from Class A Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

Contour overlap to station

W22CZ 22 BLUE RIDGE GA BNPTTL 20000831CGC
 Offset Proposed + Offset Protected - Required D/U ratio: 28.0

Contour overlap to station

W22AC 22 HARTWELL & ROYSTON GA BLTT 20021204AAN
 Offset Proposed + Offset Protected N Required D/U ratio: 45.0

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Station
 WPBA 21 ATLANTA GA BLEDT20041013ABK causes

Contour overlap to Class A station

WSKC-STA 22 ATLANTA GA USERRECORD01
 Offset Proposed Offset Class A + Required D/U ratio: -14.0

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

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
22	WSKC-STA	ATLANTA GA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WPBA	ATLANTA GA	36.0	LIC	BLEDT	-20041013ABK
21	WPBA-DT	ATLANTA GA	35.9	PLN	DTVPLN	-DTVP0432
22	W22CZ	BLUE RIDGE GA	89.9	CP	BNPTTL	-20000831CGC
22	W22AC	HARTWELL & ROYSTON GA	142.3	LIC	BLTT	-20021204AAN
22	WCNC-TV	CHARLOTTE NC	332.2	LIC	BLCDT	-20031211ABN
22	WCNC-DT	CHARLOTTE NC	332.2	PLN	DTVPLN	-DTVP0492

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

NONE.

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