

Exhibit 13-B
Section 74.1204 Contour Protection
WYKZ CH 254C1 Beaufort, SC

The WYKZ FCC F(50,50) protected contour at the W256CB application site is 86.0 dBu. The W256CB FCC F(50,10) interfering contour with respect to WYKZ is 126 dBu.

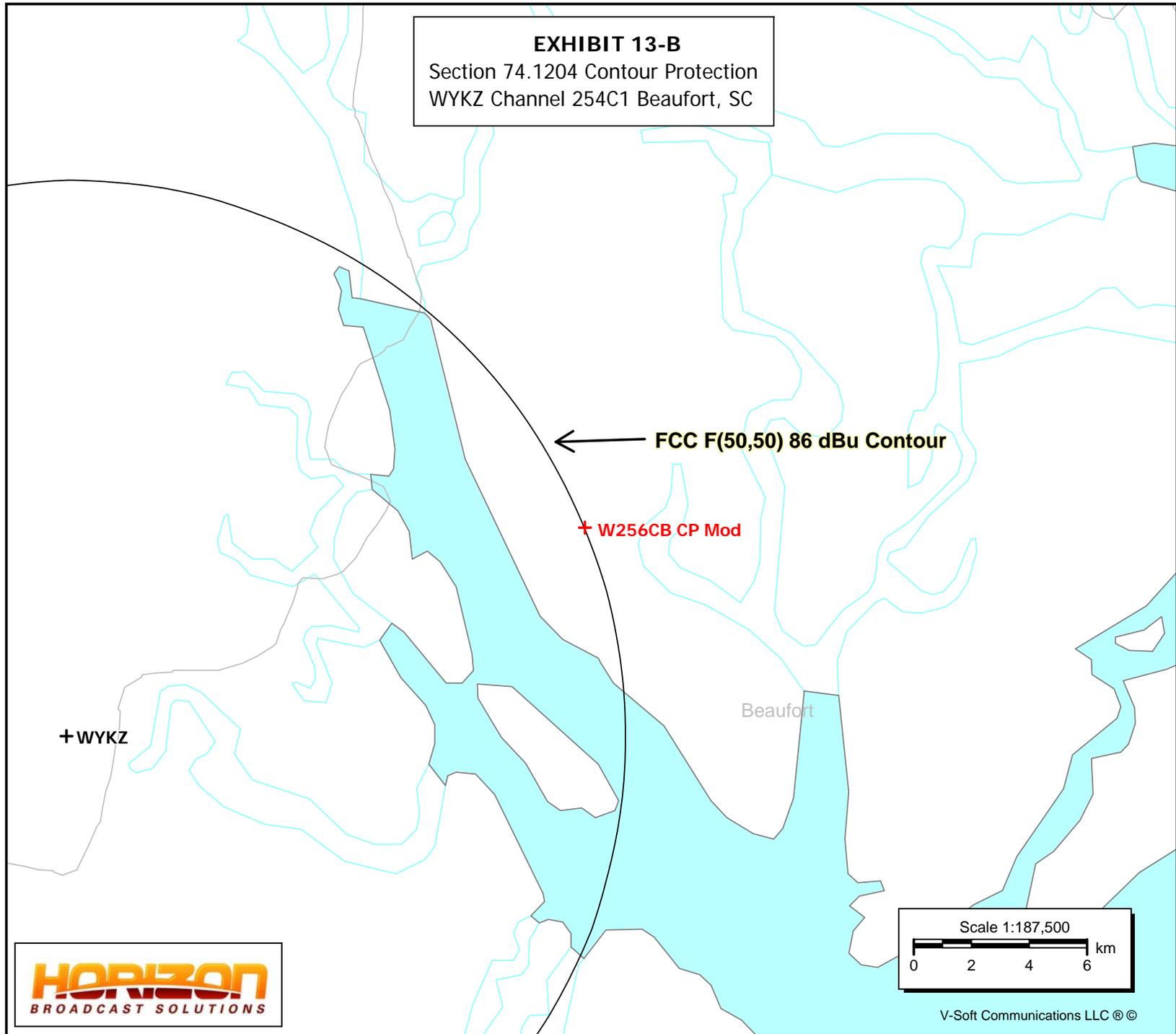
Using the FCC's FM & TV Propagation and Curves Calculations program (see attached), the W256CB F(50,10) 126 dBu interfering contour extends 56 meters from the antenna. The proposed W256CB transmit antenna will be located 76 meters above ground level. There are no multi-story structures near the antenna site. There are no occupied buildings within 76 meters of the tower base. The W256CB interfering contour does not reach the ground or any population.

Therefore it is believed the proposed W256CB modification is in compliance with Section 74.1204 with respect to WYKZ.

W256CB CP Mod
Beaufort, SC
BNPFT20130314AAD
Latitude: 32-23-37.30 N
Longitude: 080-44-51.60 W
ERP: 0.25 kW
HAAT: 75.78 m
Channel: 256
Frequency: 99.1 MHz
AMSL Height: 78.0 m
Elevation: 2.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

WYKZ
Beaufort, SC
BLH19990201KB
Latitude: 32-19-43 N
Longitude: 080-56-17 W
ERP: 100.00 kW
HAAT: 218.0 m
Channel: 254
Frequency: 98.7 MHz
AMSL Height: 219.0 m
Elevation: 5.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

EXHIBIT 13-B
Section 74.1204 Contour Protection
WYKZ Channel 254C1 Beaufort, SC



Screen 3 - Results

Results of Calculation

Distance to Contour = 0.056 kilometers

[Back to Numeric Entries](#)

[Back to Initial Selections](#)

Input Data from Screens 1 and 2

ERP = 0.250 kW

HAAT = 77.0 meters

Field Strength = 126.0 dBu

Distances are in **meters and kilometers**

Power is in **kW (kilowatts)**

Field Strength is in **dBu**

FM and NTSC TV Channels 2 through 6

F(50,10) for interfering contours selected

Find Distance, given a Field Strength