

ComStudy 2.2 search of channel 226 (93.1 MHz Class D) at 34-31-45.3 N, 83-22-33.4 W.

Site Elevation: 530 meters Center of Radiation: 44 meters ERP: 250 watts

CALL	CITY	ST	CHN CL	DIST	SEP	BRNG	CLEARANCE
WFBC-FM	GREENVILLE	SC	229 C	95.56	0.00	47.1	-1.02 dB (*1)
W287CM	ELBERTON	GA	226 D	64.78	0.00	135.3	0.31 dB
WESC-FM	GREENVILLE	SC	223 C	97.39	0.00	45.8	2.11 dB
WUCG-LP	BLAIRSVILLE	GA	226 LP100	66.99	24.00	299.3	3.13 dB
WZGC	ATLANTA	GA	225 C1	119.61	0.00	228.1	6.62 dB
WTPT	FOREST CITY	NC	227 C	133.02	0.00	51.3	7.32 dB
WPLP-LP	ATHENS	GA	227 LP100	63.24	13.00	179.9	8.75 dB
WTPT	FOREST CITY	NC	227 C	122.03	0.00	54.0	10.85 dB
WCHZ-FM	WARRENTON	GA	226 A	133.89	0.00	148.4	11.30 dB
WZLA-FM	ABBEVILLE	SC	225 A	103.92	0.00	111.2	17.10 dB
W258CC	ATHENS	GA	224 D	60.23	0.00	176.7	18.98 dB
W228CA	SUWANEE	GA	228 D	63.09	0.00	224.8	18.41 dB
W225AZ	GREENVILLE	SC	225 D	99.44	0.00	62.3	18.10 dB
WXKT	MAYSVILLE	GA	279 C3	31.04	12.00	237.1	19.0

Notes:

(*1) Third adjacent WFBC-FM has a field strength of 60 dBu F(50/50) at the proposed W249CC site. Therefore, the W249CC interfering contour is the W249CC 100 dBu F(50/10). This contour would extend 1109 meters horizontally from the tower antenna, and, due to the higher elevation of the mountain top site and the antenna vertical elevation pattern, the interfering signal does not include any occupied structures beyond the nearby tower site. See the attached detailed WFBC Interference Technical Exhibit. Therefore this proposal is compliant with the allowance of Rule 74.1204(d).