

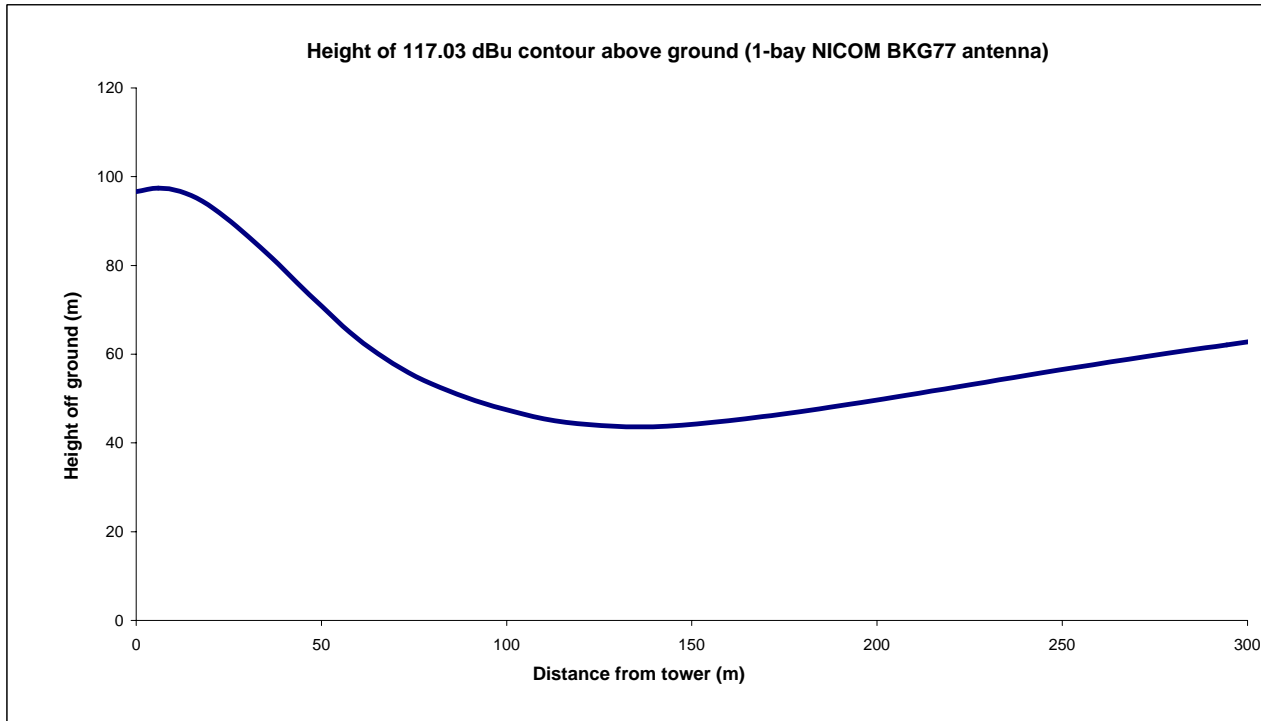
Channel Study W299BK Anderson, SC

Chan	Class	Call Letters	Service	Status	City	State	Country	Owner	Distance (km)	Bearing TO (deg)	Req. Dist.(km)	Clearance (km)
245	D	NEW	FX	APP	ABBEVILLE	SC	US	AUGUSTA RADIO FELLOWSHIP INSTITUTE, INC	46.4	141.6	0.0	46.4
297	C0	WJMZ-FM	FM	LIC	ANDERSON	SC	US	COX RADIO, INC.	21.0	8.2	73.6	-52.6
297	C0	WJMZ-FM	FM	CP	ANDERSON	SC	US	COX RADIO, INC.	36.8	66.2	73.8	-37.1
299	D	W299BK	FX	CP	ANDERSON	SC	US	TUGART PROPERTIES LLC	0.0	0.0	56.0	-56.0
299	D	W299BK	FX	APP	ANDERSON	SC	US	TUGART PROPERTIES LLC	0.0	0.0	56.0	-56.0
299	D	W299BK	FX	APP	ANDERSON	SC	US	TUGART PROPERTIES LLC	8.3	62.1	77.1	-68.9
299	D	W299BK	FX	APP	ANDERSON	SC	US	TUGART PROPERTIES LLC	8.3	62.1	77.1	-68.9
299	D	NEW	FX	APP	PICKENS	SC	US	TABERNACLE BAPTIST COLLEGE	42.8	357.4	42.4	0.4
299	D	W299BK	FX	LIC	ROYSTON	GA	US	TUGART PROPERTIES LLC	53.4	236.7	60.0	-6.6
299	D	W299AT	FX	LIC	CORNELIA	GA	US	HABERSHAM BROADCASTING COMPANY, INC.	81.8	273.9	58.1	23.7
299	C2	WPRW-FM	FM	LIC	MARTINEZ	GA	US	CAPSTAR TX LLC	105.0	162.5	97.5	7.5

W299BK Anderson, SC Minor Change to Licensed Facility

Interference Exhibit with respect to WJMZ (LIC) and (CP)

With respect to WJMZ (2nd adjacent) WJMZ (LIC) has a field strength of 87.5 dBu F(50,50) at the proposed site and would therefore be susceptible to interference from the proposed W299BK facility. Therefore W299BK's interfering contour is the 127.5 dBu F(50,10) contour with respect to WJMZ (LIC). WJMZ (CP) has a field strength of 77.03 dBu F(50,50) at the proposed site and would therefore be susceptible to interference from proposed W299BK facility. Therefore WJMZ's interfering contour is the 117.03 dBu F(50,10) contour. A single bay NICOM BKG77 antenna is proposed. The proposed W299BK 117.03 dBu F(50,10) contour would not reach down any closer than 43 meters AGL which occurs at a distance of 139 meters from the tower. Therefore, the interfering contour does not contain any structures or population. Therefore this proposal is compliant with the allowance of Rule 74.1204(d).



Manufacturer's antenna data

NICOM BKG77	
Depression Angle	Relative Field
0	1.000
3	0.999
6	0.999
9	0.987
12	0.972
15	0.954
18	0.934
21	0.910
24	0.881
27	0.852
30	0.818
33	0.783
36	0.745
39	0.706
42	0.661
45	0.616
48	0.568
51	0.523
54	0.479
57	0.436
60	0.391
63	0.345
66	0.297
69	0.253
72	0.211
75	0.176
78	0.145
81	0.120
84	0.105
87	0.100
90	0.105