

Table 1
W277BG July 18 2017
Channel Study

Chan	Class	Call Letters	Type	Status	City	State	Country	Owner	Distance (km)	Bearing TO (deg)	Req. Dist. (km)	Clearance (km)	Field Strength (dBu)	
275	C1	WJGO	FM	LIC	TICE	FL	US	RENDA BROADCASTING CORP	23.9	309.0	57.7	-33.8	78.3	(See Note)
277	D	W277BG	FX	LIC	BONITA SPRINGS	FL	US	CALL COMMUNICATIONS GRC	0.0	0.0	16.6	-16.6		(applicant)
277	D	W277AP	FX	LIC	BAYSHORE	FL	US	SUN BROADCASTING INC.	37.9	331.9	19.2	18.7		
278	L1	WEGI-LP	FL	LIC	IMMOKALEE	FL	US	BETHEL ASSEMBLY OF GOD, I	31.7	76.6	28.4	3.3		
280	C	WXKB	FM	LIC	CAPE CORAL	FL	US	BEASLEY MEDIA GROUP, LLC	13.7	54.9	76.0	-62.3	95.9	(See Note)

NOTE:

(with respect to WXKB) 2nd adjacent WXKB (LIC) has a field strength of 95.9 dBu F(50,50) at the proposed W277BG site. Therefore W277BG's interfering contour is the 135.9 dBu F(50,10) contour. W277BG's 135.9 dBu F(50,10) contour would extend only 7 meters from the antenna. Since the proposed antenna height is 68 meters AGL, the interfering contour will be more than 61 meters (200 feet) above ground level and will not encompass any structures, buildings, or population. Therefore this proposal is compliant with the allowance of Rule 74.1204(d).

(with respect to WJGO) 3rd adjacent WJGO (LIC) has a field strength of 78.3 dBu F(50,50) at the proposed W277BG site. Therefore W277BG's interfering contour is the 118.3 dBu F(50,10) contour. W277BG's 118.3 dBu F(50,10) contour would extend only 53 meters from the antenna. Since the proposed antenna height is 68 meters AGL, the interfering contour will be more than 15 meters (49 feet) above ground level and will not encompass any structures, buildings, or population. Therefore this proposal is compliant with the allowance of Rule 74.1204(d).