

**Minor Change CP  
FCC Form 349 Exhibit 13**

WPNN Fill-In Translator

MIRACLE RADIO, INC.

REFERENCE	CH# 279D - 103.7 MHz, Pwr= 0.25 kW, HAAT= 102.0 M,	COR= 112 M	DISPLAY DATES
30 27 09.0 N.	Average Protected F(50-50)= 13.0 km		DATA 01-26-16
87 14 26.0 W.	Omni-directional		SEARCH 01-27-16

CH CITY	CALL	TYPE ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap	*OUT* in km)
281C Saraland	WDLT-FM	LIC NC AL	294.7 114.5	42.61 BLH20120507ABD	30 36 45.0 87 38 42.0	100.000 508	12.8 550	88.4 Cumulus Licensing Llc	17.2	-46.9*< /1
277D Pensacola	W277CC	LIC C FL	136.6 316.6	2.98 BLFT20150715ABW	30 25 59.2 87 13 08.8	0.250 124	1.1 131	13.3 La Promesa Foundation	-11.6*<	-11.4*< /1
276C2 Valparaiso	WZLB	CP NCX FL	94.4 274.7	59.40 BPH20140623ABP	30 24 38.0 86 37 22.0	50.000 146	5.8 152	51.3 Apex Media Corporation	40.1	7.0
225C Mobile	WBLX-FM	LIC NC AL	294.7 114.5	42.69 BLH20050627AAR	30 36 45.0 87 38 43.0	100.000 521	6.9 553	4.8 Cumulus Licensing Llc	28.5R	14.2M
279A Andalusia	R15371	DEL AL	36.6 217.0	123.26	31 20 27.0 86 28 02.0	6.000 100	87.2 183	28.7 Southeast Alabama Broadcas	23.2	50.3
279C0 Hattiesburg	WFFX	LIC CX MS	304.0 123.0	216.51 BMLH20060918AHW	31 31 37.0 89 08 07.0	100.000 324	176.9 394	75.4 Cc Licenses, Llc	27.1	97.9
279D Santa Rosa Beach	W279CG	CP C FL	95.3 275.7	82.16 BNPFT20130328AUB	30 22 55.0 86 23 15.0	0.080 48	22.1 49	6.6 Agape Educational Media, I	46.6	29.5
276C2 Valparaiso	WZLB	LIC CX FL	94.4 274.9	90.79 BLH20130308ABL	30 23 10.0 86 17 48.0	50.000 114	5.3 119	47.8 Apex Media Corporation	72.0	41.8
276C2 Valparaiso	AL1362	RSV-A FL	85.7 266.2	98.01 RM10397	30 30 53.0 86 13 12.0	50.000 150	6.0 164	52.3	78.7	44.6
277D Spanish Fort	W277CS	LIC DC AL	293.8 113.5	62.67 BLFT20150504AAH	30 40 45.0 87 50 24.0	0.250	0.2 257	7.1 Goforth Media, Inc.	49.9	54.5

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Terrain database is FCC NGDC 30 Sec, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM  
Contour distances are on direct line to and from reference station. Reference Zone= East Zone, Co to 3<sup>rd</sup> adjacent.  
All separation margins (if shown) include rounding.

Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)

"\*"affixed to 'IN' or 'OUT' values = site inside restricted contour.

« = Station meets FCC minimum distance spacing for its class.

< = Contour Overlap

Reference station has protected zone issue: AM tower

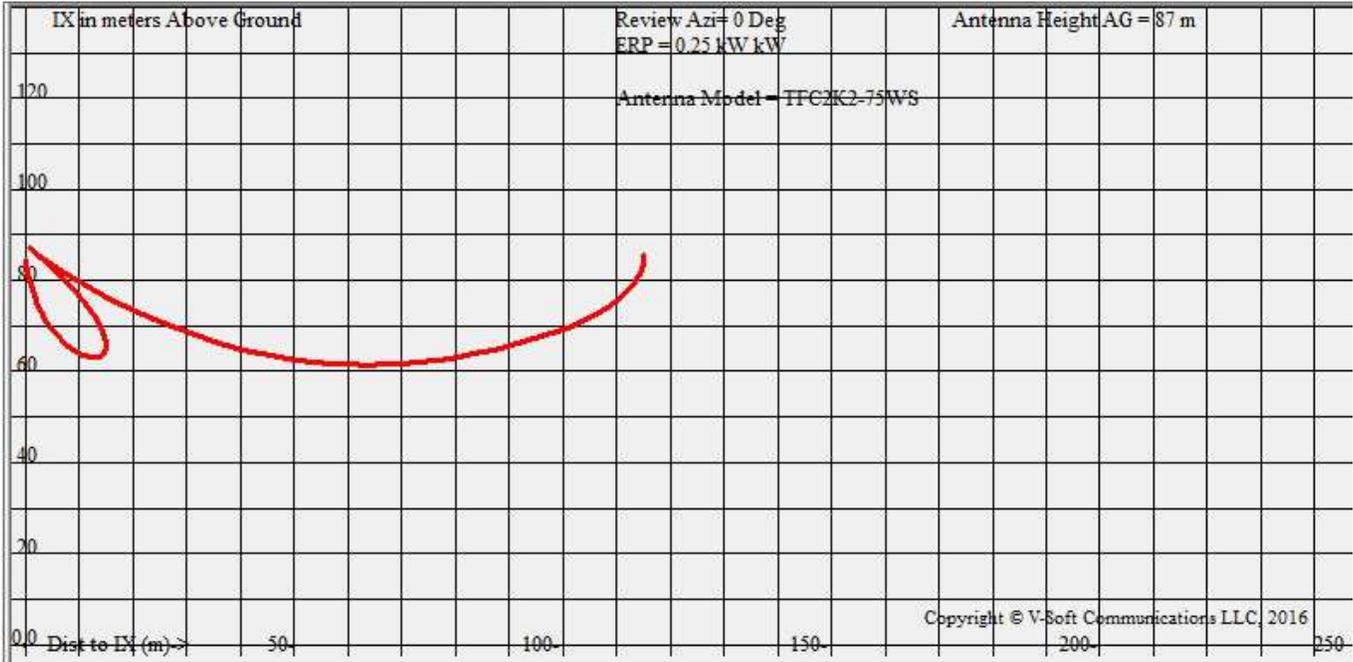
/1 Waiver requested herein due to interfering contour not reaching populated area or any public areas.  
See the following pages for Waiver Request of 47CFR74.1204.

**Waiver For Compliance with 47 C.F.R. 74.1204**

**Interference to WDLT-FM**

The site for the facility of proposed CP amendment is located within the protected contour of second-adjacent channel station WDLT-FM, channel 281C, in Saraland, AL, the Protected Station. The predicted contour at the proposed site for this amendment is 79.5 dBu F[50,50]. According to established contour protection ratios, the contour from the interfering station should be 40 dB higher than the protected contour. Therefore the respective potential interfering contour for this proposed amendment is 119.5 dBu F[50,10].

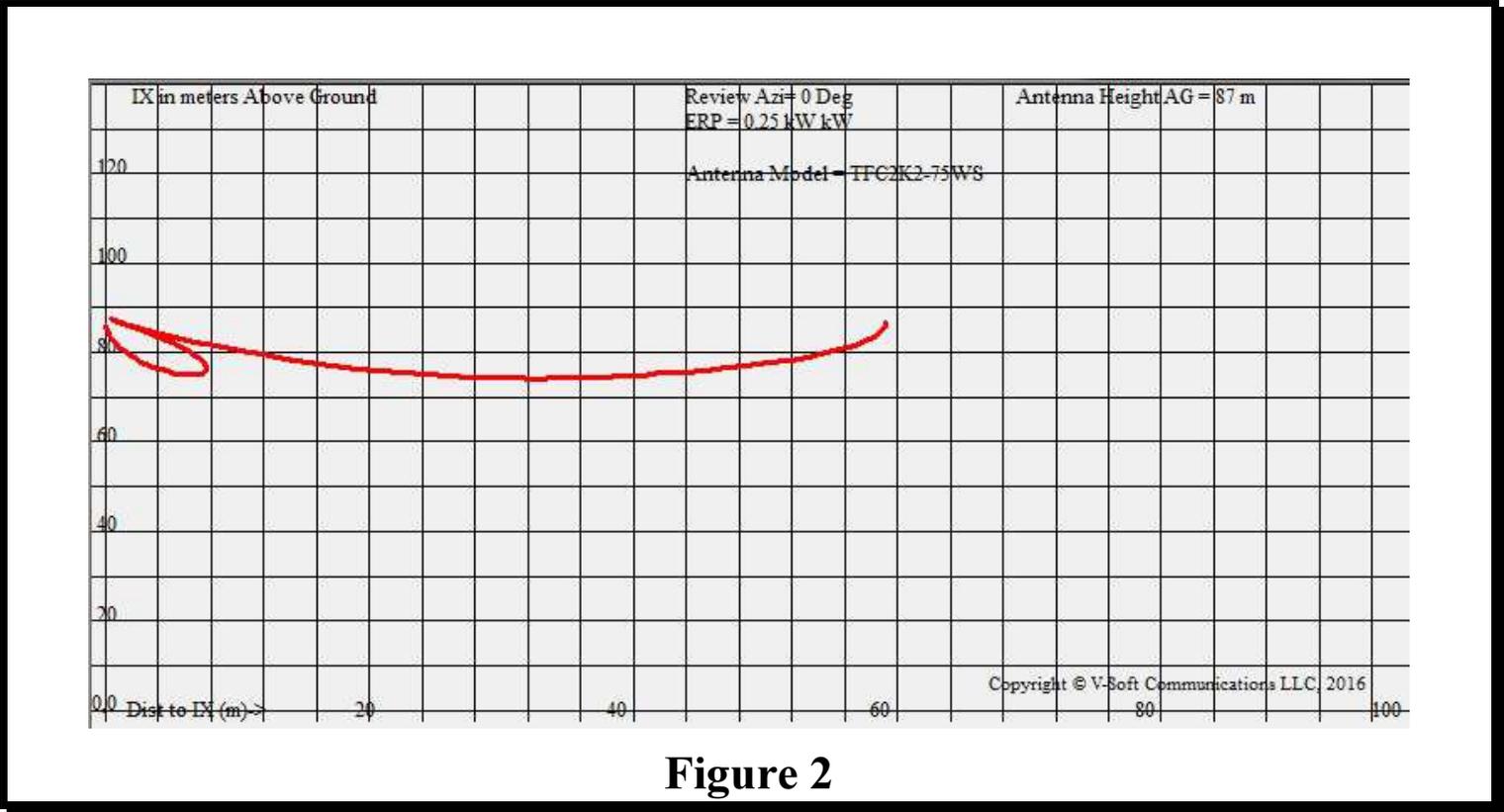
The antenna is proposed to be located with radiation center 88 meters AGL transmitting 0.250 KW ERP. Applicant proposes to use a BEXT antenna model TFC2K-2-75WS, which is a two-bay antenna with 3/4 wavelength vertical bay spacing. A graphical representation of radiation in the vertical plane, displayed in **Figure 1**, shows the interference is more than 60 meters AGL.



**Figure 1**

### Interference to W277CC

The site for the facility of proposed CP amendment is located within the protected contour of second-adjacent channel station W277CC, channel 277D, in Pensacola, FL, the Protected Station. The predicted contour at the proposed site for this amendment is 85.3 dBu F[50,50]. According to established contour protection ratios, the contour from the interfering station should be 40 dB higher than the protected contour. Therefore the respective potential interfering contour for this proposed amendment is 125.3 dBu F[50,10].



**Figure 2**

The proposed BEXT antenna model TFC2K-2-75WS vertical plane radiation graph, displayed in **Figure 2**, shows the interference is well over 70 meters AGL.

There is no residence, no business, no public road nor any other location within the actual area of interference to the Affected Stations, which is actually hovering above locations where the public would normally be located. Therefore, the interference area is limited to an area where there are no public places.

## **Request for Waiver**

No buildings, roads or other structures that the public would normally occupy would put the public within the interference pattern radiated by the antenna.

Since this proposal complies with 47 C.F.R. 74.1204(d) based upon the fact that no actual interference will occur due to no population and no public locations within the areas of interference, we hereby request waiver of 47 C.F.R. 74.1204(a)(3) for separation between this proposed facility and the Protected Station.