



PROPOSED FM TRANSLATOR BNPFT-20180131ACM (Auction 100- FM translator window 2018)
Translator for WTOT AM

Table 1

BNPFT-20180131ACM- AUCTION 100 CONSTRUCCION PERMIT LONG FORM APPLICATION
Channel Study: 271D 102.1 MHz

Chan	Class	Call Letters	Type	Status	City	State	Country	Owner	Distance (km)	Bearing TO (deg)	Req. Dist. (km)	Clearance (km)	Field Strength (dBu)
217	A	WVOB	FM	LIC	DOTHAN	AL	US	BETHANY BIBLE COLLEGE & B.T.S. II	46.5	342.1	10.0	36.5	47.7
268	C2	WXSR	FM	LIC	QUINCY	FL	US	CLEAR CHAN. B/CASTING LICENSES	98.3	109.0	50.6	47.7	38.7
269	A	WTOT-FM	FM	LIC	GRACEVILLE	FL	US	GFR, INC.	30.0	309.7	29.8	0.3	59.1
270	A	WBGE	FM	LIC	BAINBRIDGE	GA	US	FLINT MEDIA, INC.	83.6	72.3	49.3	34.4	34.5
270	A	WVLQ	FM	LIC	PORT ST. JOE	FL	US	KAREN JOHNSTON NEAL	86.7	185.6	48.0	38.7	32.0
271	D	NEW	FX	APP	MARIANNA	FL	US	MFR, INC.	0.0	0.0	57.5	-57.5	120.0 (same as applicant)
271	D	NEW	FX	APP	DOTHAN	AL	US	LARRY WILLIAMS	49.9	347.8	48.8	1.0	26.9 (previously MX)
271	C2	WWAV	FM	LIC	SANTA ROSA BE	FL	US	COMMUNITY BROADCASTERS, LLC	137.5	252.8	96.3	41.1	29.5
272	C2	WWLD	FM	LIC	CAIRO	GA	US	CUMULUS LICENSING LLC	98.6	109.0	70.1	28.5	38.9
273	C3	WESP	FM	LIC	DOTHAN	AL	US	ALABAMA MEDIA, LLC	47.7	341.9	38.9	8.9	55.0
274	C3	WPHK	FM	LIC	BLOUNTSTOWN	FL	US	LA PROMESA FOUNDATION	41.9	150.8	31.7	10.2	53.8

Radiofrequency Electromagnetic Exposure Analysis

Source	Height AGL(m)	Antenna type	Bays	Horizontal ERP (kw)	Vertical ERP (kw)	Power Density $\mu\text{W}/\text{cm}^2$ at 2 meters AGL				
						within 10 meters distance	% controlled environment limit (1000 $\mu\text{W}/\text{cm}^2$)	Max. PD beyond 10 m	% uncontrolled environment limit (200 $\mu\text{W}/\text{cm}^2$)	Distance to maximum PD (m)
PROPOSED	85	SHI-6812B1	1	0.250	0.250	0.04	0.004%	0.52	0.3%	86
						0.04	0.004%	0.52	0.3%	86.0

The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments).

Calculations made using FCC FMModel

In the absence of specific antenna data, the EPA-dipole, single bay model is used.