

# FM Contour Study LMS

du Treil, Lundin, & Rackley, Inc., Sarasota, Florida



**Channel:** 227 **Coordinates:** 018-27-24 066-45-19 (NAD 83) **ERP:** 0.18 kW **Max. HAAT:** 126 m **Considering Only Interference Caused**

**Comment:** Transmitter site coordinates per ASRN 1011522.

Callsign	Chan.	Service	Status	Freq.	City	State	Co.	Rec.	Latitude	Dist. (km)	Sep. (km)	Spac. (km)
Facility ID	ARN			Class	DA	73.215	ERP (kW)	HAAT (m)	Longitude	Bear. (deg)	Comment	
<b>WTPM</b>	225	FM	MOD	92.9	AGUADILLA	PR	US	C	18-18-47	48.11	85.82	-37.71
13952	BLANK	BMLH-20140722	B	NDI		50	368		067-11-06	250.67	<b>SHORT</b>	/1/
WTPM 54.0 dBu desired distance: 84.3 km				Proposed 94.0 dBu undesired distance: 1.5 km								
<b>WTPM-FM1</b>	225	FB	L2C	92.9	PONCE	PR	US	C	18-07-21.8	37.64	42.57	-4.93
13951	BLANK	BLFTB-19950503	D	DRI		3.9	296		066-49-20.6	190.81	<b>SHORT</b>	/2/
WTPM-FM1 60.0 dBu desired distance: 41.6 km				Proposed 100.0 dBu undesired distance: 0.9 km								
<b>W227DY</b>	227	FX	L2C	93.3	ARECIBO	PR	US	C	18-27-32	0.25	57.13	-56.88
202161	BLANK	BLFT-20190318A	D	DRI		0.125			066-45-20	353.24	<b>SHORT</b>	/3/
W227DY 60.0 dBu desired distance: 12.2 km				Proposed 40.0 dBu undesired distance: 45.0 km								
<b>WZMT</b>	227	FM	L2C	93.3	PONCE	PR	US	C	17-59-18.8	53.52	76.01	-22.49
53076	BLANK	BLH-4398	B1	OT		14.5	-69		066-37-41.6	165.52	<b>SHORT</b>	/4/
WZMT 57.0 dBu desired distance: 23.4 km				Proposed 37.0 dBu undesired distance: 52.6 km								
<b>W227DR</b>	227	FX	L2C	93.3	AGUADILLA	PR	US	C	18-26-34.8	41.33	62.64	-21.31
200821	BLANK	0000124321	D	NDI		0.225			067-08-46.4	267.95	<b>SHORT</b>	/5/
W227DR 60.0 dBu desired distance: 17.7 km				Proposed 40.0 dBu undesired distance: 45.0 km								
<b>W227CV</b>	227	FX	L2C	93.3	SAN LORENZO	PR	US	C	18-06-47	83.55	85.65	-2.1
157296	BLANK	BLFT-20150309A	D	DRI		0.25			066-03-06	117.11	<b>SHORT</b>	/6/
W227CV 60.0 dBu desired distance: 40.7 km				Proposed 40.0 dBu undesired distance: 45.0 km								
<b>WZNT</b>	229	FM	AMD	93.7	SAN JUAN	PR	US	C	18-16-36.8	97.42	92.76	4.66
74552	BLANK	BLH-20020430A	B	NDI		28	560		065-51-10.5	101.71	<b>CLOSE</b>	
WZNT 54.0 dBu desired distance: 91.3 km				Proposed 94.0 dBu undesired distance: 1.5 km								

## Notes:

/1/ - Although the contour overlap requirements are not met, it is demonstrated herein that no interference will be caused to any populated areas or publicly accessible areas. A waiver of Section 74.1204 of the FCC Rules is requested to the extent necessary under the 'Living Way' precedent since no actual interference will occur.

/2/ - The contour overlap requirements are met. See Allocation Study Map exhibit.

/3/ - Applicant's licensed facility.

/4/ - The contour overlap requirements are met. See Allocation Study Map exhibit.

/5/ - The contour overlap requirements are met. See Allocation Study Map exhibit.

/6/ - The contour overlap requirements are met. See Allocation Study Map exhibit.