

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 | |
| WTPM | 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 | SHORT | /1/ |
| WTPM 54.0 dBu desired distance: 84.3 km | | | | Proposed 94.0 dBu undesired distance: 1.5 km | | | | | | | | |
| WTPM-FM1 | 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 | SHORT | /2/ |
| WTPM-FM1 60.0 dBu desired distance: 41.6 km | | | | Proposed 100.0 dBu undesired distance: 0.9 km | | | | | | | | |
| W227DY | 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 | SHORT | /3/ |
| W227DY 60.0 dBu desired distance: 12.2 km | | | | Proposed 40.0 dBu undesired distance: 45.0 km | | | | | | | | |
| WZMT | 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 | SHORT | /4/ |
| WZMT 57.0 dBu desired distance: 23.4 km | | | | Proposed 37.0 dBu undesired distance: 52.6 km | | | | | | | | |
| W227DR | 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 | SHORT | /5/ |
| W227DR 60.0 dBu desired distance: 17.7 km | | | | Proposed 40.0 dBu undesired distance: 45.0 km | | | | | | | | |
| W227CV | 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 | SHORT | /6/ |
| W227CV 60.0 dBu desired distance: 40.7 km | | | | Proposed 40.0 dBu undesired distance: 45.0 km | | | | | | | | |
| WZNT | 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 | CLOSE | |
| 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.