

R E C NETWORKS  
CHANNEL REPORT

NAD27 LATITUDE: 28 - 07' 35.0" - LONGITUDE: 81 - 33' 02.7"  
CHANNEL: 260 - CLASS: LPFM(LP-100)

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
206	89.1	WLAZ : CAGUAS EDUCATIONAL TV, INC.	KISSIMMEE	FL C3	26.8	0.0	26.8	78.5
257	99.3	WWCN : WJBX LICENSE LIMITED PARTNERSHIP	FORT MYERS BEACH	FL C2	185.4	0.0	185.4	191.6
257	99.3	W257BF : BIBLE BROADCASTING NETWORK, INC.	LEESBURG	FL D	81.8	0.0	81.8	338.5
257	99.3	WXRA : GEORGE S. FLINN, JR.	INGLIS	FL A	144.0	0.0	144.0	322.6
257	99.3	WLRQ-FM : CAPSTAR TX LLC	COCOA	FL C2	85.1	0.0	85.1	78.3
258	99.5	WQYK-FM : CBS RADIO INC. OF FLORIDA	ST. PETERSBURG	FL C1	86.4	73.0	13.4	255.6
259	99.7	WBVL-LP : LATINOS BROADCASTING ORGANIZATION	BUENA VENTURA LAKES	FL L1	26.0	14.0	12.0	29.9
259	99.7	WBVL-LP : LATINOS BROADCASTING ORGANIZATION	BUENA VENTURA LAKES	FL L1	26.7	14.0	12.7	43.8
259	99.7	WJKD : VERO BEACH FM RADIO PARTNERSHIP	VERO BEACH	FL C2	116.0	80.0	36.0	111.8
260	99.9	WXJB : GEORGE S. FLINN, JR.	HOMOSASSA	FL C3	103.9	78.0	25.9	303.6
260	99.9	WXJB : GEORGE S. FLINN, JR.	HOMOSASSA	FL A	103.9	67.0	36.9	303.6
260	99.9	WGNE-FM : RENDA BROADCASTING CORP. OF NEVADA	MIDDLEBURG	FL C1	243.6	111.0	132.6	357.9
260	99.9	W260CA : BIBLE BROADCASTING NETWORK, INC.	SEBRING	FL D1	68.2	26.0	42.2	178.5
260	99.9	WKIS : WKIS LICENSE LIMITED PARTNERSHIP	BOCA RATON	FL C0	273.0	122.0	151.0	149.8
261	100.1	WZJZ : CLEAR CHANNEL BROADCASTING LICENSES, INC.	PORT CHARLOTTE	FL C1	150.6	100.0	50.6	189.2
262	100.3	WRUM : CLEAR CHANNEL BROADCASTING LICENSES, INC.	ORLANDO	FL C	68.6	93.0	-24.4	42.5
263	100.5	WHHZ : MARC RADIO GAINESVILLE, LLC	NEWBERRY	FL C2	207.5	0.0	207.5	322.7

Based on FCC CDBS data - close of business october 18, 2013.

## **LPFM SECOND ADJACENT CHANNEL WAIVER STUDY**

Poinciana, FL  
Channel 260L1 (99.9 MHz)

Based on a study performed by Michelle Bradley of REC Networks, it has been determined that this proposed site qualifies for a second adjacent waiver as specified in Section 73.807(e) of the Commission's Rules.

The proposed LPFM station would operate 0.1 kW (100 watts) with a radiation center of 33 meters above ground level (30 meters HAAT).

Station WRUM (Facility ID # 59976) operates on Channel 262C and is located 68.6 km from the proposed LPFM site. WRUM operates 95kW ERP at 482.8 meters HAAT in the direction of the proposed LPFM tower. WRUM places a 66.681 dBu F(50, 50) service contour at the LPFM site.

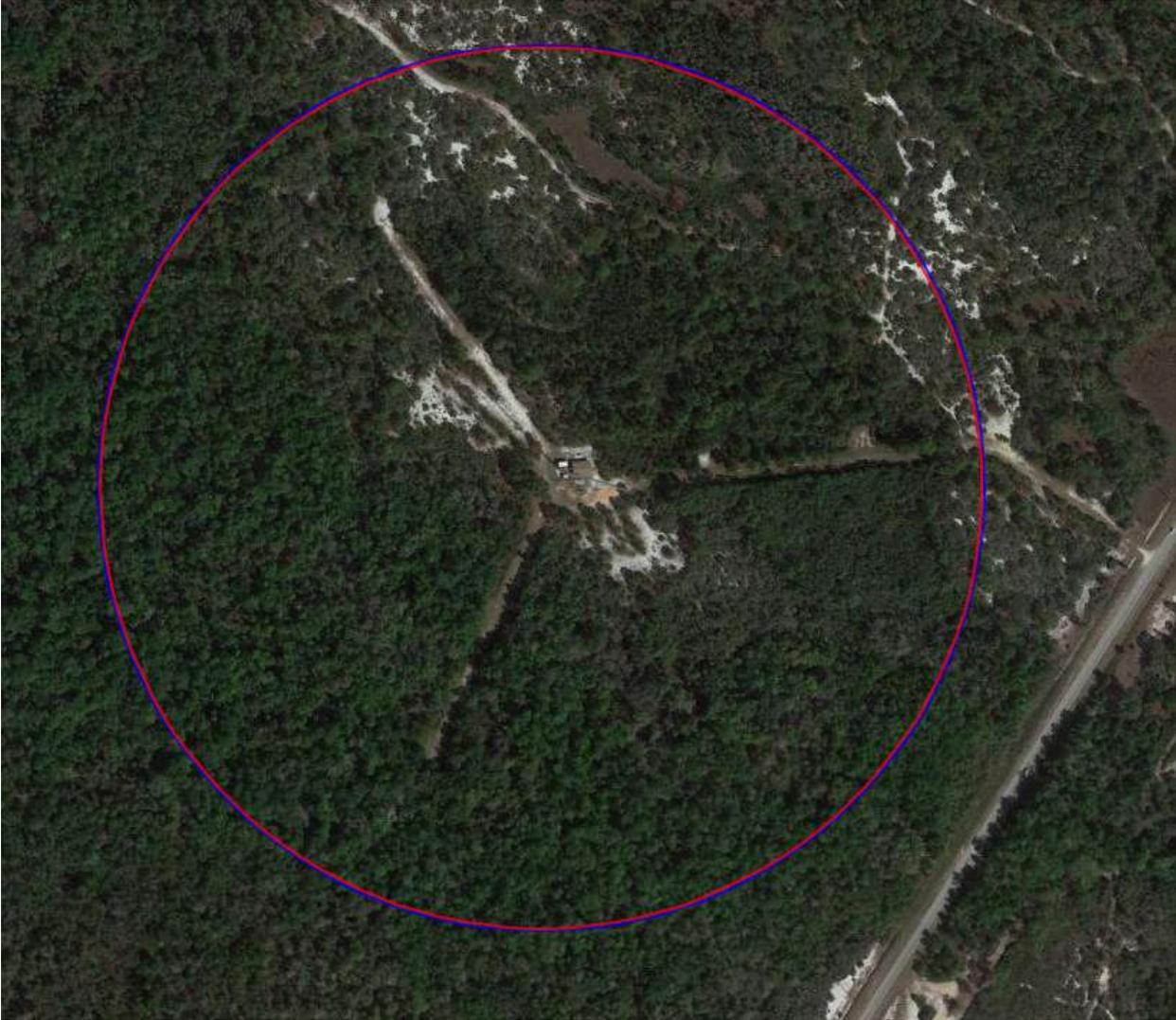
Using the U/D method, we have determined that the prohibited overlap goes as far as the 106.681 dBu F(50, 10) interference contour of the proposed LPFM station in respect to WRUM. Using the free-space method, this contour is 325 meters from the radiation center of the antenna and 323 meters at ground level.

The proposed LPFM station is co-located with WPCV. The attached satellite photo will demonstrate that within the area up to 323 meters around the base of the tower, there are no residence or business structures nor any major highways thus demonstrating that there are no "potential listeners" within the overlap zone. The only structures within the overlap zone are those that support the transmitter equipment of WPCV and other users of the tower and are not normally occupied.

Therefore, based on the information presented, REC submits that the proposed LPFM station will not create any interference to existing or potential listeners of second adjacent channel station WRUM.

Report completed by  
Michelle Eyre Bradley  
Founder, REC Networks  
October 24, 2013

The following map shows the proposed LPFM transmitter site. The blue circle represents a radius of 325 meters around the radiation center while the red circle represents a 323 meter radius around the base of the tower at ground level.



The following map is a close-up of the tower site depicting the only structures that are within the overlap zone. These structures are directly related to the transmission equipment at the tower site and are not regularly occupied.

