

FM Contour Study

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



Channel: 228 **Coordinates:** 025-42-00 080-21-44 (NAD 27) **ERP:** 0.01 kW **Max. HAAT:** 28 m **Considering Only Interference Caused**

Comment: Proposed transmitter site (ASRN 1057768)

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	
WFEZ	226	FM	LIC	93.1	MIAMI	FL	US	C	25-58-02	33.33	73.21	-39.88
40408	BLH	20050224ABN	C0	D	N		100	307	080-12-34	27.2	SHORT	/1/
WFEZ 60.0 dBu desired distance: 73.0 km				Proposed 100.0 dBu undesired distance: 0.2 km								
NEW	228	FX	APP	93.5	MIAMI	FL	US	C	25-42-00	0	13.31	-13.31
156694	BNPFT	20030317MBE	D	C	N		0.01	28	080-21-44	0	SHORT	/2/
NEW 60.0 dBu desired distance: 3.2 km				Proposed 40.0 dBu undesired distance: 10.2 km								
W228BY	228	FX	LIC	93.5	MIAMI	FL	US	C	25-46-24	19.25	26.44	-7.19
140483	BLFT	20130222ACK	D	C	N		0.25	156	080-11-18	64.88	SHORT	/3/
W228BY 60.0 dBu desired distance: 16.3 km				Proposed 40.0 dBu undesired distance: 10.2 km								
WZFL	228	FM	CP	93.5	ISLAMORADA	FL	US	C	25-10-00	59.09	62.09	-3
189556	BNPH	20110523AEW	C2	D	Y		50	148	080-22-30	181.24	SHORT	/4/
WZFL 60.0 dBu desired distance: 51.9 km				Proposed 40.0 dBu undesired distance: 10.2 km								
W228BV	228	FX	LIC	93.5	FORT LAUDERDALE	FL	US	C	25-59-34	37.52	29.71	7.81
138576	BLFT	20110729AKB	D	C	N		0.179	264	080-10-26.8	30	CLOSE	
W228BV 60.0 dBu desired distance: 19.5 km				Proposed 40.0 dBu undesired distance: 10.2 km								
WMIA-FM	230	FM	LIC	93.9	MIAMI BEACH	FL	US	C	25-58-02	33.33	73.21	-39.88
51978	BLH	20050225AAH	C0	D	N		100	307	080-12-34	27.2	SHORT	/5/
WMIA-FM 60.0 dBu desired distance: 73.0 km				Proposed 100.0 dBu undesired distance: 0.2 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. See Tabulation of Predicted Interference Analysis with Respect to WFEZ and WMIA-FM.

/2/ - Applicant's short-form facility record.

/3/ - Contour overlap requirements are met. See Allocation Study Map exhibit.

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

/5/ - 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. See Tabulation of Predicted Interference Analysis with Respect to WFEZ and WMIA-FM.