



W254DV Miramar, FL - Facility ID: 202998
Fill-In Translator for WRHC AM Facility ID: 73945
Application for Minor Mod of License, FCC File No. 0000187002

This is an application for a minor modification of license for W254DV (FAC ID 202998) Miramar, FL, FCC File No. 0000187002. This modification changes the translator frequency and directional antenna pattern, and the effective radiated power. The proposed tower is an existing communications tower. This translator is a Fill-In Translator for WRHC AM Facility ID: 73945.

47 CFR 74.1233(a)(1)(i)(A)(2)

A map is included with this application that shows incoming interference to the licensed facility of W254DV. Indeed, the interfering co-channel 40 dBu F(50,10) signal of WKGR 254C1 Wellington, FL wholly encompasses the service contour of W254DV, as shown. Therefore, in accordance with 47 CFR 74.1233(a)(1)(i)(A)(2) this application to a non-adjacent channel is a minor modification application.

47 C.F.R. Sections 74.1204, 74.1205, 74.1232, 74.1234, 74.1235

The table on the last sheet of this narrative shows the contour overlap values for the proposed translator in a Channel Study report. It shows that LPFM station WQNB-LP Miami, FL (FCC Facility ID No. 196346) was authorized on channel 262L1 in Miami. *This application contains a waiver request* that explains WQNB-LP is a facility in name only; it's been dark since October 2022, it is not silent pursuant to an STA, and the licensee appears to have abandoned its site entirely. Therefore, we expect the LPFM

W254DV – Facility ID 202998
Application for Minor Modification of License
Narrative Sheet Two

license will be forfeited and the question of whether the proposed translator facility will cause prohibited interference to WQNB-LP to be moot.

The proposed translator site is inside of the protected contour of second adjacent WHYI-FM 264C0 Fort Lauderdale, FL and WKIS 260C0 Boca Raton, FL. The signal strength of WHYI-FM at the proposed translator site is 135 dBu. The signal strength of WKIS at the proposed translator site is 124.24 dBu. The more stringent protection requirement of these two is WKIS. The interfering signal from the proposed translator is 164.24 dBu. The distance to the proposed interfering contour is 0.5 meters without considering the vertical elevation field. The antenna will be placed 293 meters above ground. There are no nearby tall occupied structures. Therefore, no interference will occur to either WHYI-FM or WKIS, in compliance with 47 CFR 74.1204.

Contour to Contour maps are included for every other case where the proposed translator interfering contour will fall within 16 kilometers of the protect contour of any authorized facility.

A map is included to show compliance with 74.1232.

47 C.F.R. Section 1.1306

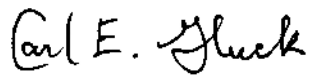
A Commission grant of authorization for this location would not be an action which will have a significant environmental effect. The proposed single bay type 2 antenna will be mounted 293 meters above the ground and have an effective radiated power of 125 watts. The FCC FM Model Software shows the resulting worst case power

Application for Minor Modification of License

Narrative Sheet Three

density of the operation will be $0.02713 \mu\text{W}/\text{cm}^2$ 298 meters from the tower. This is less than 0.1 % of the maximum permissible exposure level for uncontrolled public areas.

The permittee/licensee in coordination with other users of the site will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.


Carl E. Gluck, CPBE



July 20, 2023

W276DV – Facility ID 202997
Application for Minor Modification of License
Narrative Sheet Three

Channel Study for W254DV as Proposed

Hispanos Communications LLC										
REFERENCE		CH# 262D - 100.3 MHz, Pwr= 0.125 kW DA, HAAT= 0.0 M, COR= 294.7 M							DISPLAY DATES	
25 58 16.0 N.		Average Protected F(50-50)= 6.0 km							DATA 07-20-23	
80 12 31.0 W.		Standard Directional							SEARCH 07-20-23	
CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr(kW)	INT(km)	PRO(km)	*OUT*
CITY			STATE	<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap in km)
264C0	WHYI-FM	LIC	DCN	188.9	0.39	25 58 03.30	100.000	10.2	73.0	-73.3*
Fort Lauderdale			FL	8.9	BLH20050225AAQ	80 12 33.20	307	308	Ihm Licenses, LLC	
260C0	WKIS	LIC	NCN	259.9	1.36	25 58 08.30	100.000	10.2	72.6	-72.0*
Boca Raton			FL	79.9	BLH20140805ACK	80 13 19.20	302	302	Audacy License, LLC	
262L1	WQNB-LP	LIC	CN	174.9	3.08	25 56 36.30	0.097			-61.6*
Miami			FL	354.9	BLL20190617AAG	80 12 21.10	30	32	Beware Inc.	
262L1	WQNB-LP	STA	CN	174.9	3.08	25 56 36.30	0.097			-61.6*
Miami			FL	354.9	0000202486	80 12 21.10	30	32	Beware Inc.	
262L1	WQNB-LP	APP	HN	161.9	8.64	25 53 49.00	0.100			-56.3*
Miami			FL	341.9	BPL20190918ABN	80 10 54.00	28	30	Beware Inc.	
262C1	WCTH	LIC	CN	198.2	117.91	24 57 35.50	100.000	153.4	57.2	2.0
Plantation Key			FL	18.0	BLH20070126AFO	80 34 29.20	141	141	Florida Keys Media, LLC	
262A	WLML-FM	LIC	NCN	8.4	88.58	26 45 43.20	4.000	83.2	27.7	13.3
Lake Park			FL	188.4	BLH20140228AGS	80 04 41.10	115	118	Robinson Entertainment LLC	
209C	WMLV	LIC	CN	208.6	54.37	25 32 25.30	100.000	0.0	0.0	29.0R
Miami			FL	28.5	BLED19940802KA	80 28 06.20	309	311	Educational Media Foundati	25.4M
263D	W263BT	LIC	CN	320.2	107.06	26 42 36.20	0.250	26.4	17.8	63.4
Clewiston			FL	139.9	BLFT20150317AAB	80 53 59.20		183	Glades Media Company LLC	

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference Zone= East Zone, Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
Incoming contour overlap is ignored.
"*"affixed to 'IN' or 'OUT' values = site inside restricted contour.
< = Station meets FCC minimum distance spacing for its class.