

WGAY, LLC
Minor Change Application
Sugarloaf Key, FL.
June 2017
Modify: BPH-20150803AFG
Facility ID: 190443

TECHNICAL STATEMENT

The following technical statement and exhibits have been prepared on behalf of WGAY, LLC. The purpose is a request to modify the above referenced construction permit, WGAY will specify a new HAAT, HAMSL, HAGL and ERP. The following statement and related exhibits are in support of the requirements set forth in FCC Form 301-FM.

Proposed tower Site:

Tower ID: 1053369
Coordinates (NAD27): 24-40-35.89 N, 081-30-38.70 W
Status: Constructed
Action Date: 05/02/2017
Construction Date: 06/02/2012
Location: MM 23 US 1 OFF BLIMP RD, CUDJOE KEY, FL
Height (AG): 185.00 m, Elevation: 1.20 m, Structure Height: 184.00 m
Circular Number: 70/7460-1K
FAA Number: 2011-ASO-6627-OE FAA Chapter: 4, 8, 12

Proposed Operating parameters:

Site HAMSL – 1.2m (3.9 feet)
Tower HAGL – 185m (606.8 feet)
COR HAGL – 101m (331.2 feet)
COR HAMSL – 102m (334.5 feet)
COR HAAT – 102m (334.5 feet)
ERP – 24.5 Kw.

Spacing Concerns

Attached as exhibit 1 is a spacing study from the proposed site. This study clearly shows the proposed is not short spaced to any licensed or proposed facility and therefore meets the requirements as outlined in 47.C.F.R. section 73.207.

City-of-License Showing

Attached as exhibit 2 is a showing that shows the city of license, Sugarloaf Key, Florida will be totally encompassed within the 70 DBu contour from the proposed site.

RF Hazard (environmental) Showing:

Attached, as an exhibit, is a study and statement that shows full compliance with 47. C.F.R. Section 1.1306.

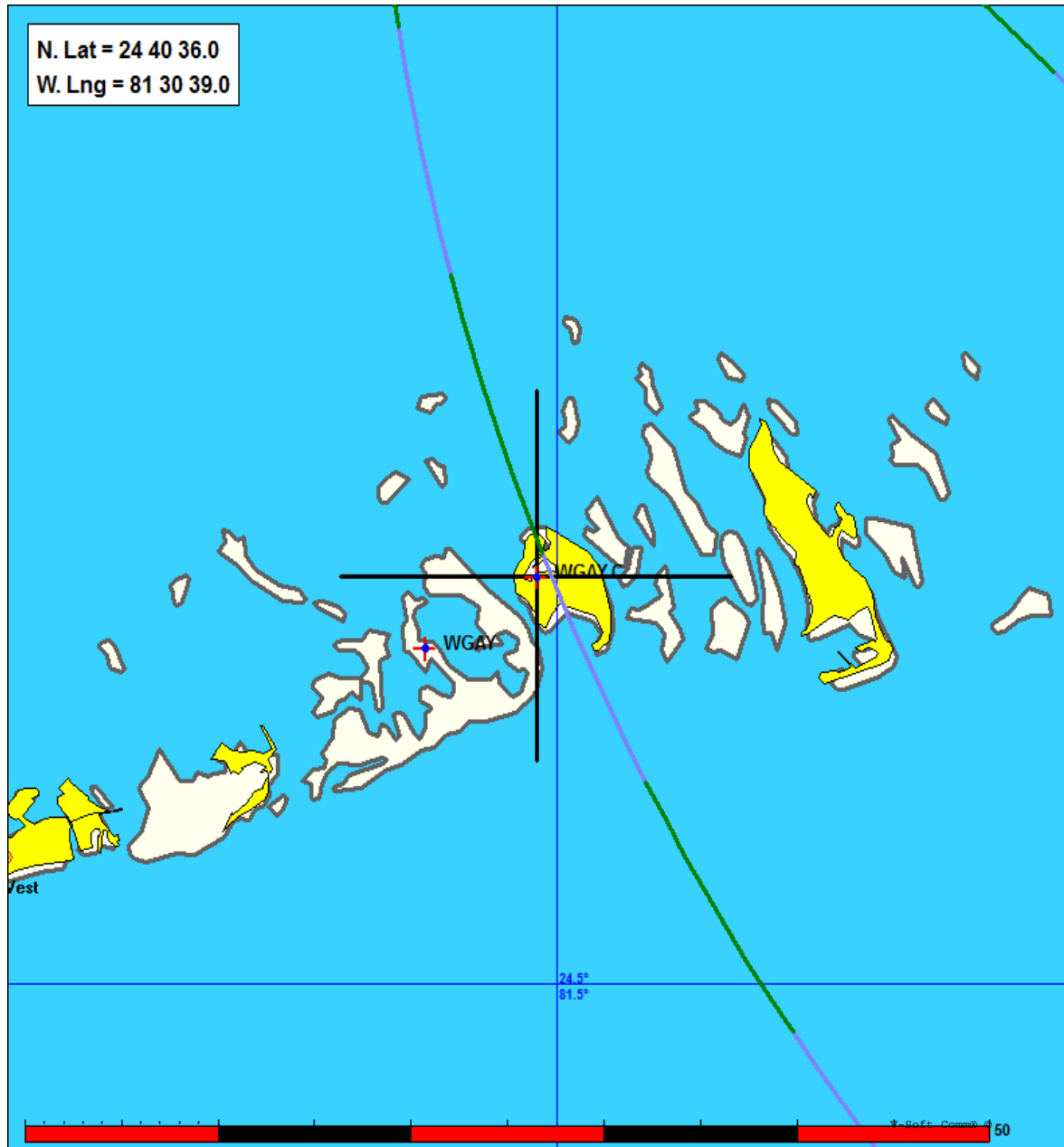
Conclusion:

WGAY, LLC request to modify its current construction permit to improve the coverage to the people of Sugarloaf Key, FL. It is believed this proposal is in full compliance with all FCC rules related to the proposed and should be granted.

/s/ Clyde Scott, Jr.
EME Communication
293 JC Saunders Road
Moultrie, GA 31768-0349
228-881-0199

CH 289 C3 105.7 MHz

Current Spacings to 3rd Adj.
EXHIBIT - 1



		Data Date:06-19-17			Job Date:06-19-17			
Call	CH#	Type	Location		Azi	D-KM	FCC	Margin
WGAY.C	289C3	CP	Sugarloaf Key	FL	0.0	0.00	153.0	-153.0
WGAY	289A	LIC	Sugarloaf Key	FL	239.1	6.73	142.0	-135.3
WWWK	288C2	LIC-N	Islamorada	FL	66.6	117.21	117.0	0.21
WBGG-FM	290C0	LIC-Z	Fort Lauderdale	FL	42.3	198.40	163.0	35.4
WBTT	288C2	LIC-N	Naples Park	FL	351.4	183.78	117.0	66.8
WRAZ-FM	292C2	LIC-N	Leisure City	FL	62.3	134.67	56.0	78.7

EXHIBIT - 1B

REFERENCE		DISPLAY DATES
24 40 36.0 N.	CLASS = C3	DATA 06-19-17
81 30 39.0 W.	Current Spacings to 3rd Adj.	SEARCH 06-19-17
----- Channel 289 - 105.7 MHz -----		

Call	Channel	Location		Azi	Dist	FCC	Margin
WGAY	CP 289C3	Sugarloaf Key	FL	0.0	0.00	153.0	-153.0
WGAY	LIC 289A	Sugarloaf Key	FL	239.1	6.73	142.0	-135.3
WWWK	LIC-N 288C2	Islamorada	FL	66.6	117.21	117.0	0.21
WBGG-FM	LIC-Z 290C0	Fort Lauderdale	FL	42.3	198.40	163.0	35.4
WBTT	LIC-N 288C2	Naples Park	FL	351.4	183.78	117.0	66.8
WRAZ-FM	LIC-N 292C2	Leisure City	FL	62.3	134.67	56.0	78.7

WGAY.C

Latitude: 24-40-36 N
Longitude: 081-30-39 W
ERP: 24.50 kW
Channel: 289
Frequency: 105.7 MHz
AMSL Height: 102.0 m
Elevation: 0.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

EXHIBIT - 2

