

Request Minor Modifications to FM Translator

- Site Change

- Change Primary Station to WGSE-LP, Sebring, FL, 95.7 MHz

W284BO

Lake Placid, FL

CH284D

104.7 MHz

0.12 kW ERP

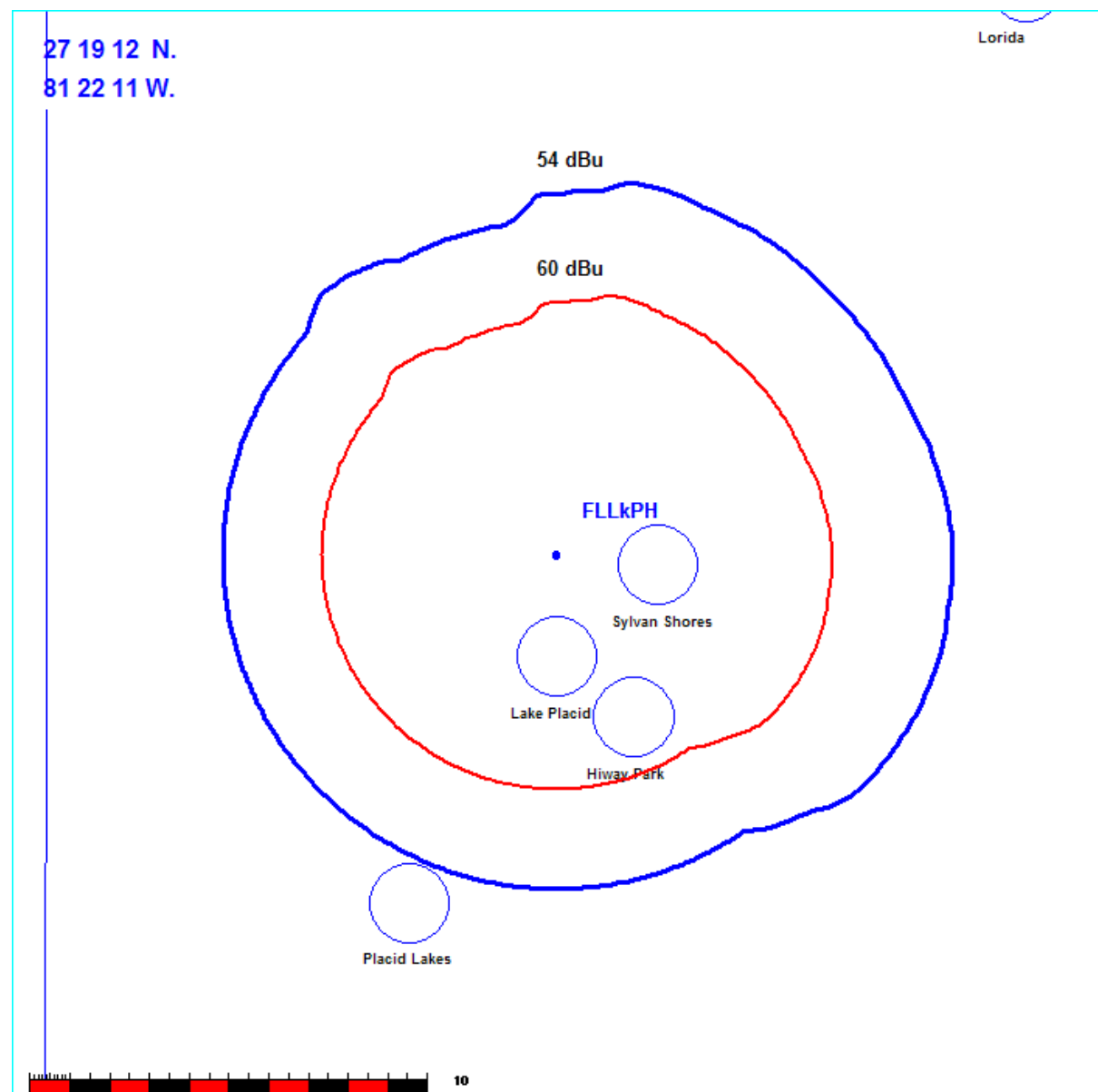
38 M AMSL

15 M AGL

53 M COR AMSL

42 M Highest HAAT at 90 degrees *

32 M Overall HAAT



FMCONT ©V-Soft Communications® Interference Mode								
File Print Settings Class Channel < Down > Up Find Views Help About								
<div> <div>N. Lat. 27 19 12 W. Lng. 81 22 11</div> <div>53 M COR 0.12 kW</div> <div>Interference Mode CH 284, 104.7 D</div> <div>Lake Placid FL 32.0 M HAAT</div> <div>flkph.vsf 12-17-07</div> </div>								
Call	Type	Ch	Location		Dist	Azi	In	Out
W284BO	CP	284D	Lake Placid	FL	2.14	317.3	-25.57*	-24.83*
WRBQ-F	APP-N	284C1	Tampa	FL	122.31	304.0	-42.37	41.33
WRBQ-F	APP-N	284C1	Tampa	FL	122.32	304.0	-42.36	41.34
WRBQ-F	LIC	284C1	Tampa	FL	128.08	303.3	-36.39	47.25
WFLM	LIC	284C3	White City	FL	98.96	82.3	-16.52	37.01
WVDV-L	LIC	285L1	Sebring	FL	27.78	331.6	14.32	14.02
AP0673	APP	283L1	Sebring	FL	28.25	330.4	13.84	13.78
WSGL	LIC-N	284C2	Naples	FL	136.80	194.8	17.13	75.62
WZSP	LIC-Z	287A	Nocatee	FL	59.34	255.3	50.81	30.62
W283AM	LIC	283D	Arcadia	FL	49.43	259.9	33.77	34.15
WEAT-F	LIC-N	282C	West Palm Beach	FL	138.97	126.2	120.74	58.89
WEAT-F	CP -N	282C	West Palm Beach	FL	138.98	126.2	119.99	54.07
WCVU	LIC-Z	285A	Solana	FL	82.42	235.0	33.22	46.01
WOMX-F	LIC	286C	Orlando	FL	142.69	11.6	123.56	56.04
WTKS-F	LIC	281C	Cocoa Beach	FL	142.69	11.6	123.56	56.04
WSJT	LIC	231C	Lakeland	FL	82.93	298.4	29.0R	53.9M
AP4481	APP	284D	Merritt Island	FL	130.98	27.4	101.54	101.98
AP0013	APP	283D	Fort Myers	FL	90.60	212.5	78.82	78.05
End of Screen List								

Antenna Height Above Average Terrain Calculations -- Input

Latitude	27 19 12.0 North	
Longitude	81 22 11.0 West	(NAD 27)

Height of antenna radiation center above mean sea level [RCAMSL] = **53.0** meters

Number of Evenly Spaced Radials = 12 0° is referenced to True North

Results:

Calculated HAAT= 32. meters

(Antenna Height Above Average Terrain)
using the 30 second FCC/NGDC terrain data)

Antenna Radiation Center Heights Above Individual Radials:

0.0°	34.7 meters
30.0°	40.3 meters
60.0°	41.1 meters
* 90.0°	* 41.7 meters
120.0°	40.4 meters
150.0°	29.6 meters
180.0°	24.2 meters
210.0°	24.7 meters
240.0°	24.2 meters
270.0°	23.2 meters
300.0°	25.0 meters
330.0°	32.0 meters

New Primary Station: WGSE-LP, Sebring, FL, 95.7 FM

V-Soft predicts signal strength at reception site to be 36 dBu.

The screenshot displays the 'Find Station Information' application window. The main window has a menu bar with 'Change', 'List', 'Print', 'Signals', and 'View'. Below the menu bar is a toolbar with a 'Map' button and a 'CH= 239' label. The main content area is divided into two panes. The left pane lists several station call signs: FLLKPH Ref, WGSE-L, WBTP.C, WBTP, WRXK-F, AP9816, WLDI, WLDI.A, WAPQ-L, WOLZ, AP5201, WSJZ-F, and AP9056. The right pane displays detailed information for the selected station, WGSE-L. This information includes its location (Sebring, FL), power (0.100 kW), HAAT (28 M), and other technical details. A 'Signal Report' dialog box is overlaid on the main window, displaying the text 'WGSE-L Signal value at Reference site = 36.0 dBu' and an 'OK' button. The Windows taskbar at the bottom shows the 'start' button, several open applications, and the system clock indicating 15:27 PM.

Find Station Information

Change List Print Signals View

Map **WGSE-L** **CH= 239** Add

Station List:

- FLLKPH Ref
- WGSE-L
- WBTP.C
- WBTP
- WRXK-F
- AP9816
- WLDI
- WLDI.A
- WAPQ-L
- WOLZ
- AP5201
- WSJZ-F
- AP9056

Station Details for WGSE-L:

- LIC 239 LT Dom 0.100 kW 28 M HAAT L
- Sebring FL 58M COR AMSL
- N. Lat= 27 30 43, W. Lng= 81 26 54
- Greater Sebring Adventist BLL20070202AAW
- Fac ID# 135746
- Dist.=22.64473 km, Azi=340.0°, Rev Azi=160.0°
- Reference's Overlaps : (In = -1.83, Out = -2.55)
- Toward Ref: HAAT= 25.6M, 0.1 kW
- Toward Ref: 60 dBu Protected= 5.6 km, Int= 18.58 km
- Direct line Ref. Protected Contour = 5.9 km, Int= 19.55 km
- Direct line Ref. HAAT= 22.7M, 0.12 kW

Signal Report

WGSE-L Signal value at Reference site = 36.0 dBu

OK

start FL - Lake Placid - ... FMCONT Find Station Infor... 15:27 PM