

EXHIBIT 11

Prepared by Guy Smith in connection
with license application for K249DU

Construction Permit BPFT-20120524AGN, for K249DU contains three conditions: the first applying to the indefinite future, the second to be fulfilled by this application, and the third requiring performance measurements for the broadband antenna combiner. Those measurements are contained in the following five pages of this exhibit. Because of the number of other FM transmitters within 2 km of K249DU, measurements made into the antenna are almost impossible to interpret; consequently all measurements, except the one on page 6, were made with a dummy load. All were made with all three transmitters operating at the full authorized power, and all except page 2 were made from samples at the output of the combiner. All samples were from bidirectional sample ports.

The combiner is a Shively Model *2930-3/4-SPECIAL* combiner consisting of bandpass input filters for the translators, in a star configuration fed into the wideband input of a balanced combiner to accommodate KLBB-FM. It was custom engineered by Shively Labs for this specific application.

Page 2, of this exhibit, is a scan from a sample between the output of the K249DU transmitter and the 97.7 MHz. input of the combiner demonstrating compliance with §73.317(b) through (d) at the transmitter output, as well as the effectiveness of the input filter.

Page 3 is a similar scan from a sample of the combiner output demonstrating the absence of harmful intermodulation products.

Page 4 is a similar scan from the same sample point demonstrating the absence of harmful harmonics.

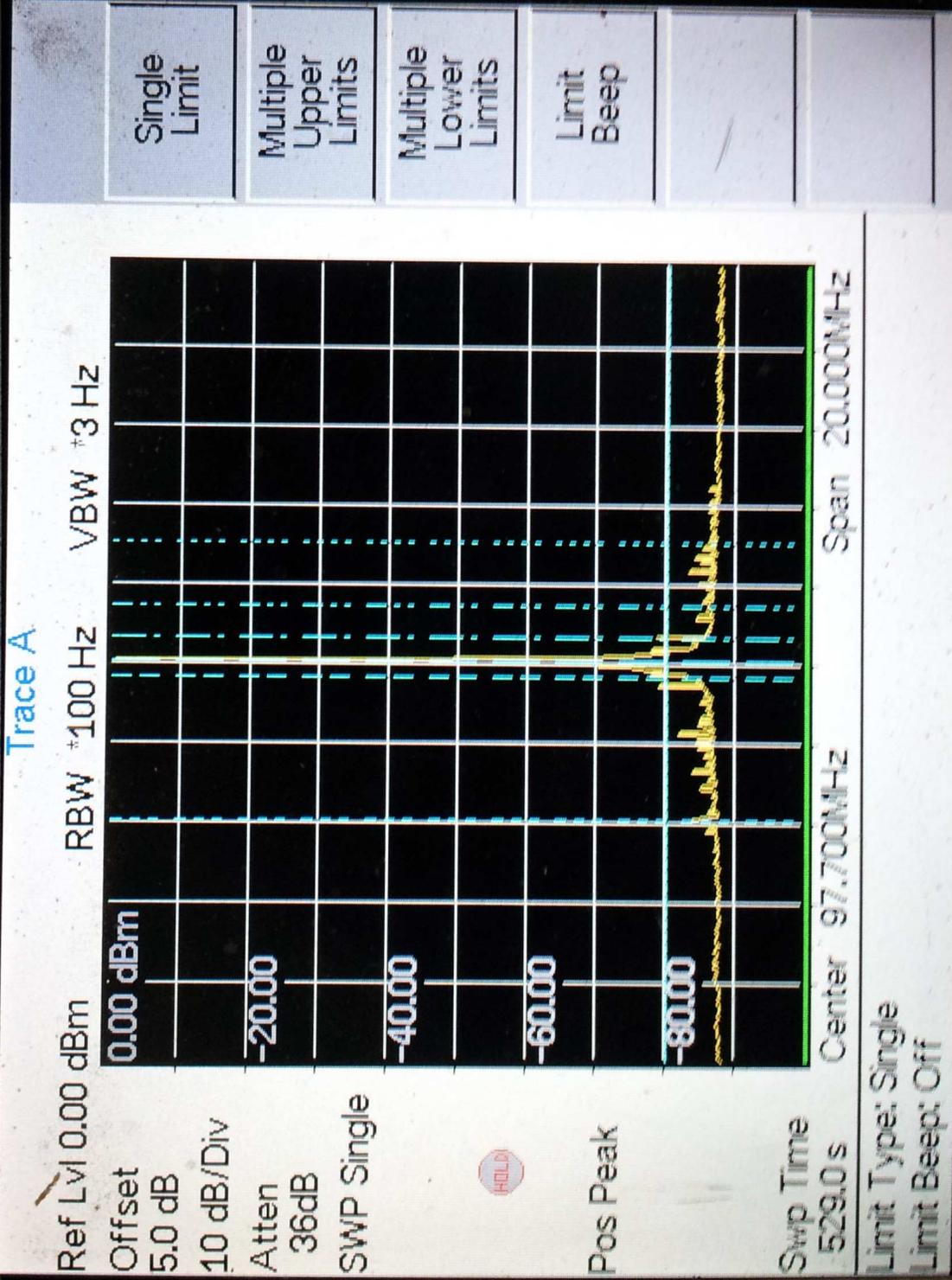
Page 5 is a another scan from the same sample point demonstrating absence of harmful spurious components within the FM band.

Page 6 is a scan from the same sample point, but with the antenna connected, to demonstrate the difficulty of interpreting such scan results.

Anritsu S332D

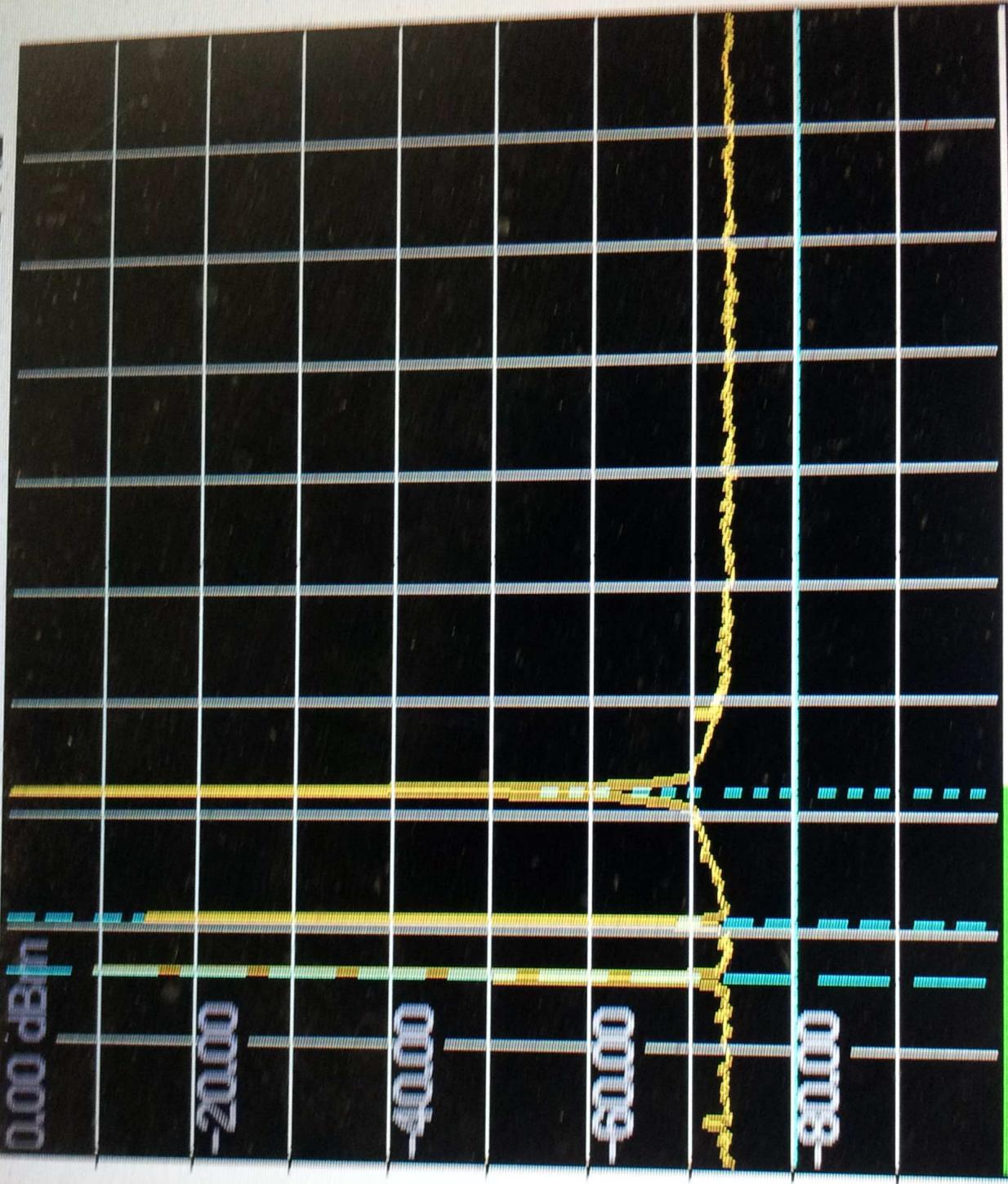
Site Master

SiteMaster



Trace A

Ref Lvl 0.00 dBm RBW 3 kHz VBW 100 Hz



Offset 5.0 dB
10 dB/Div
Atten 36dB
SWP Cont



Pos Peak

Swp Time

96.8 s Start 88.000MHz Stop 150.000MHz

M1: -9.17 dBm, 97.765 MHz M3: 4.74 dBm, 107.68 MHz
M2: -14.68 dBm, 100.71 MHz M4=Off

Trace A

Ref Lvl 0.00 dBm RBW *3 kHz VBW *100 Hz

Offset 0.00 dBm

5.0 dB

10 dB/Div

Atten 36dB

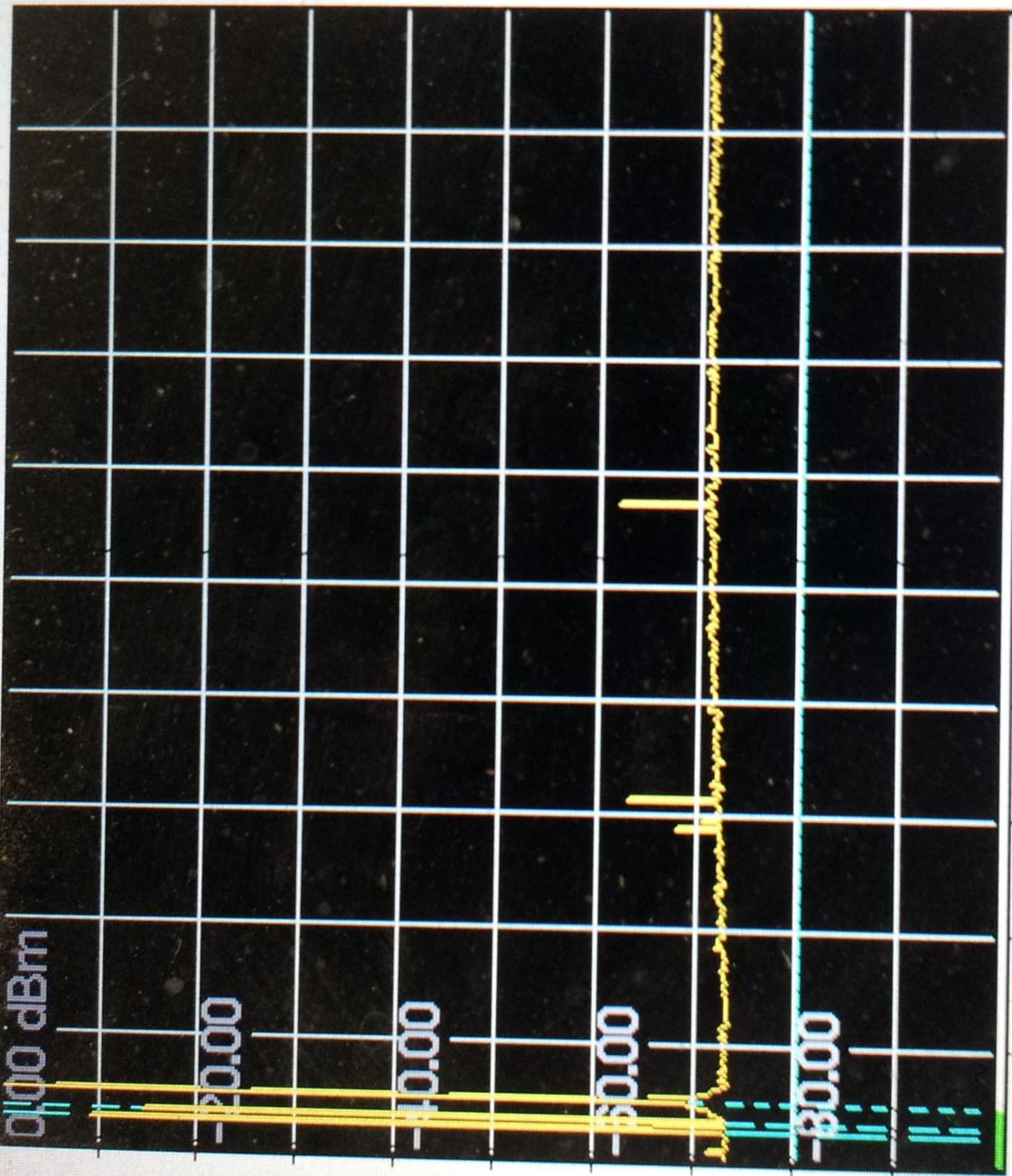
SWP Cont



Pos Peak

Swp Time

635.5 s



Start 88.000MHz

Stop 500.000MHz

M1: -9.18 dBm, 97.270 MHz

M2: -14.69 dBm, 100.36 MHz

M3: 4.70 dBm, 107.57 MHz

M4=Off

M1

M2

M3

M4

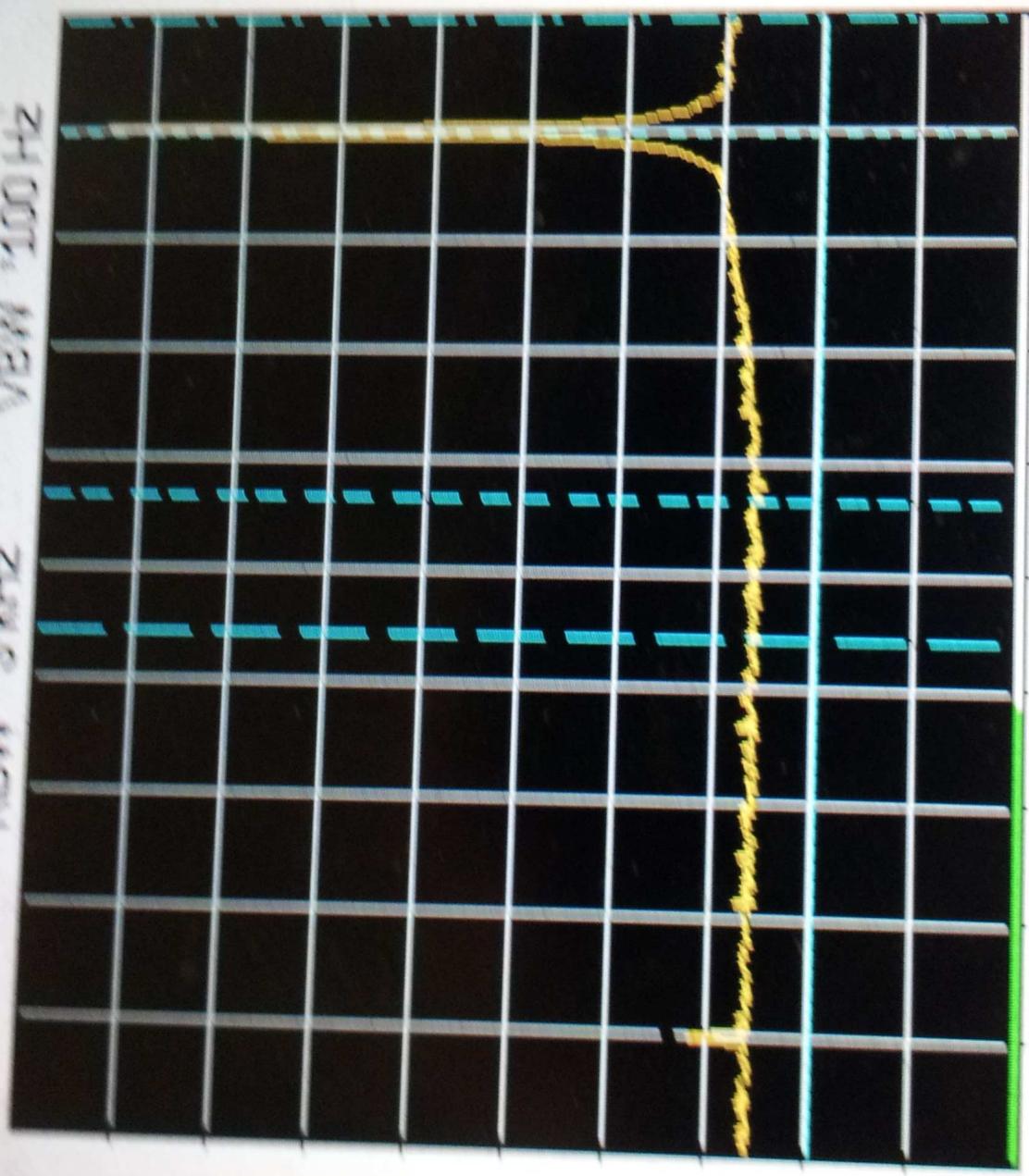
All Off

More

Trace A

Ref Lvl 0.00 dBm
Offset 5.0 dB
1.0 dB/Div
Atten 36dB
SMP Cont

RBW 3 kHz
VBW 100 Hz



Pos Peak

Sweep Time 36.4 s

Start 88.000MHz Stop 110.000MHz

Start= 88.000 000 MHz Std=---
Stop=110.000 000 MHz Channel=---

Trace A

Ref Lvl 0.00 dBm

RBW *3 kHz

VBW *100 Hz

Offset

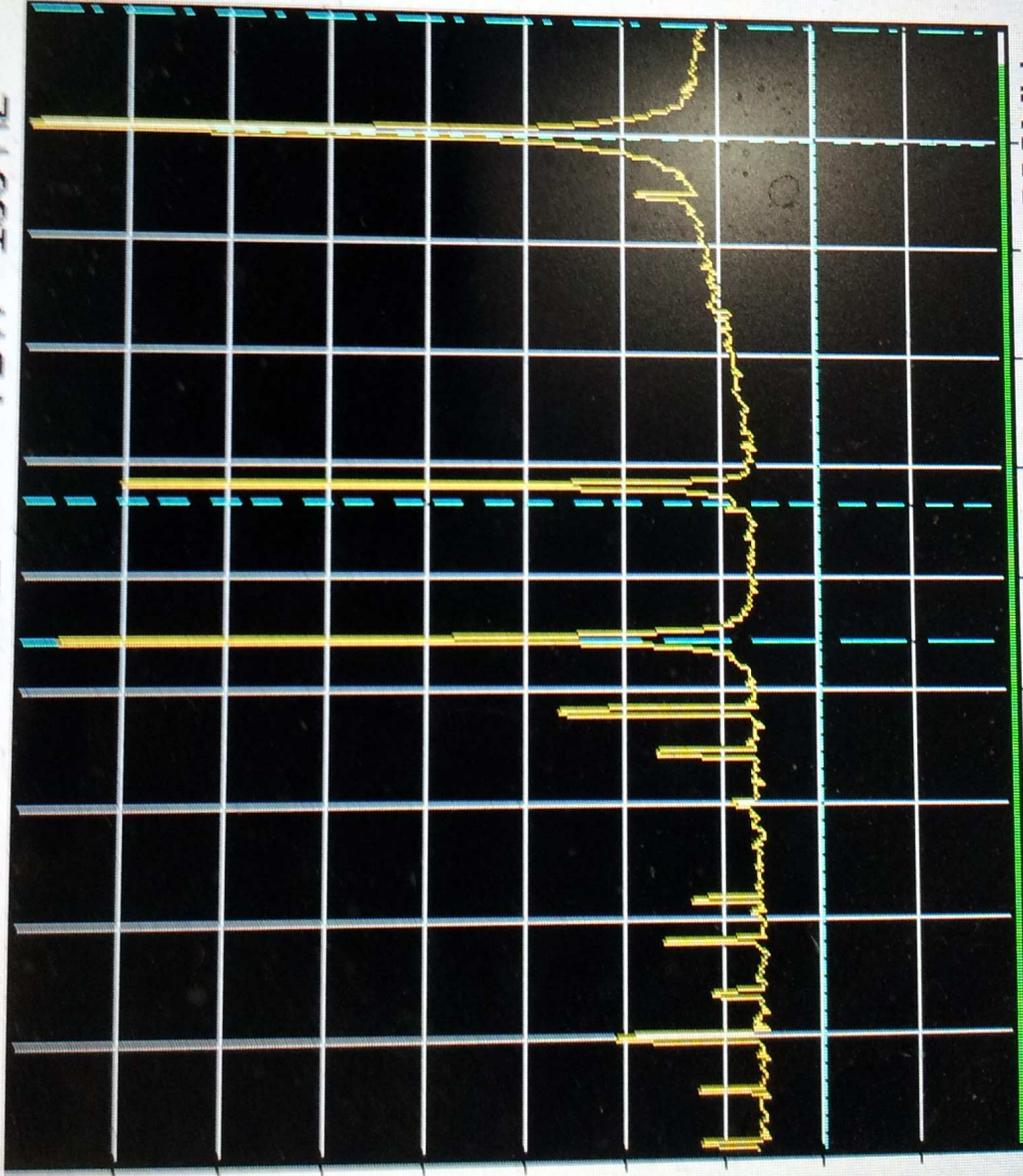
5.0 dB

10 dB/Div

Atten

36dB

SWP Cont



Pos Peak

Swp Time

34.1 s

Start= 88.000 000 MHz

Stop=110.000 000 MHz

Std=----

Channel=----

Center

Span

Start

Stop

Signal
Standard