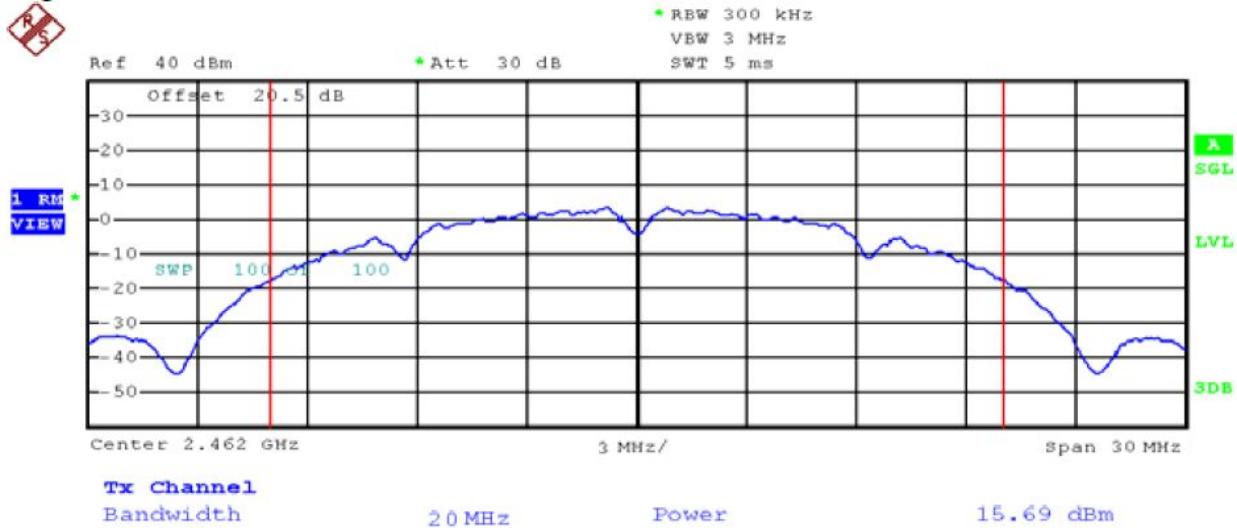
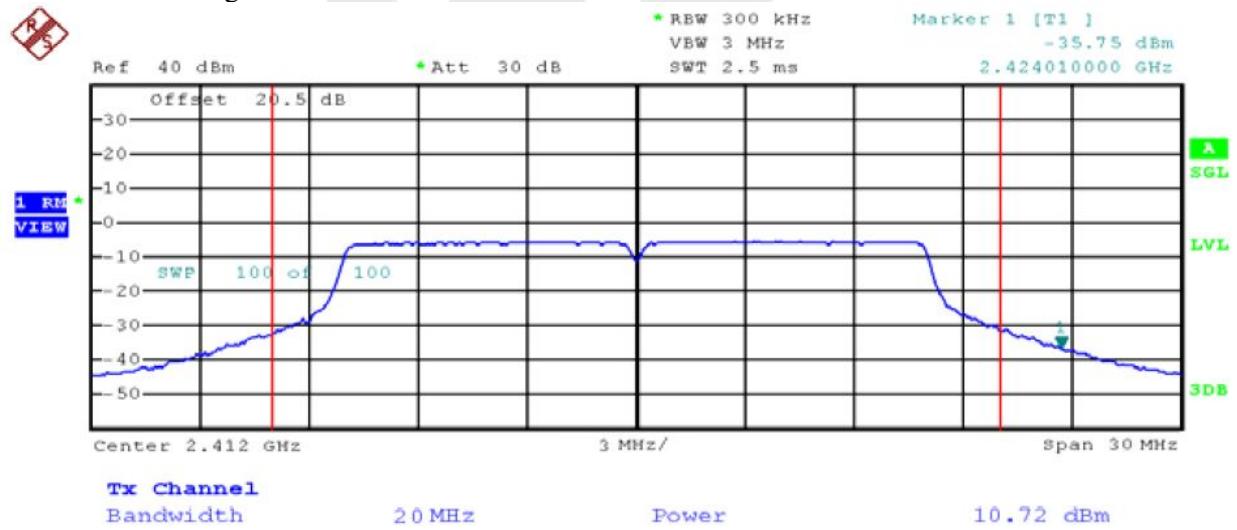


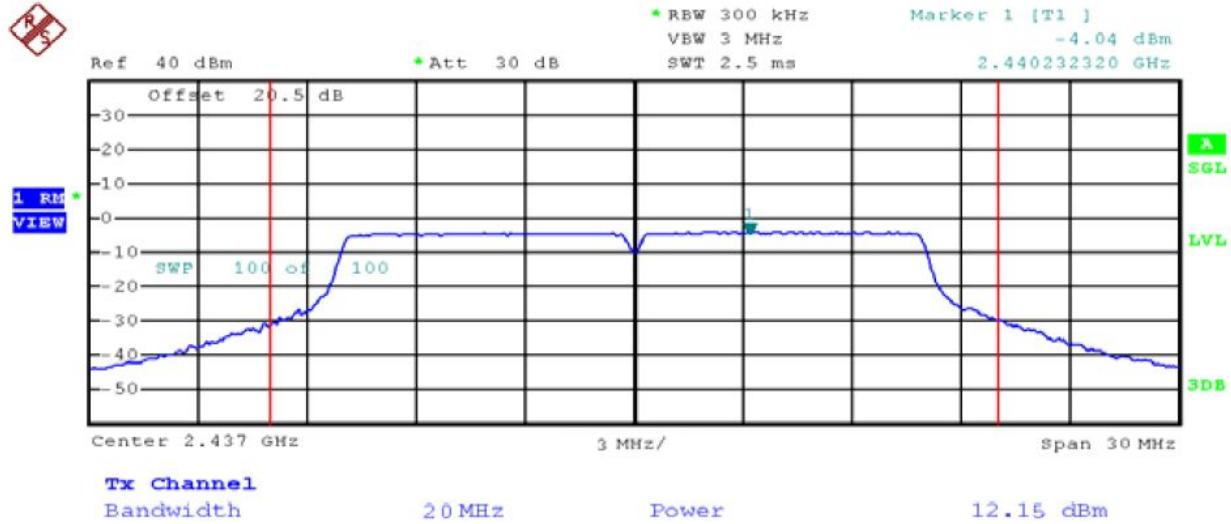
Test Mode: 802.11b---High



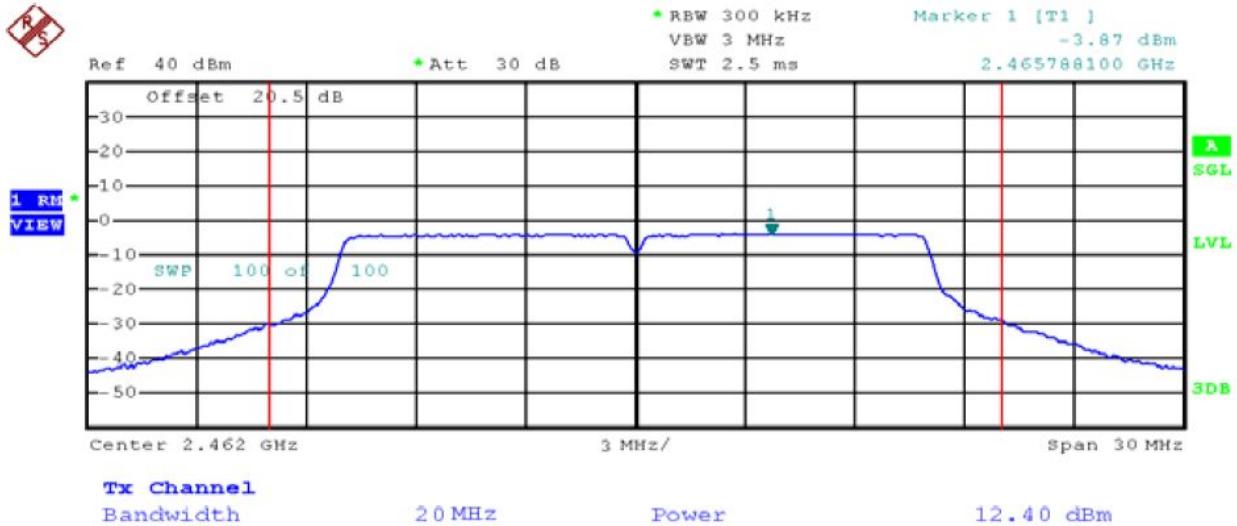
Test Mode: 802.11g---Low



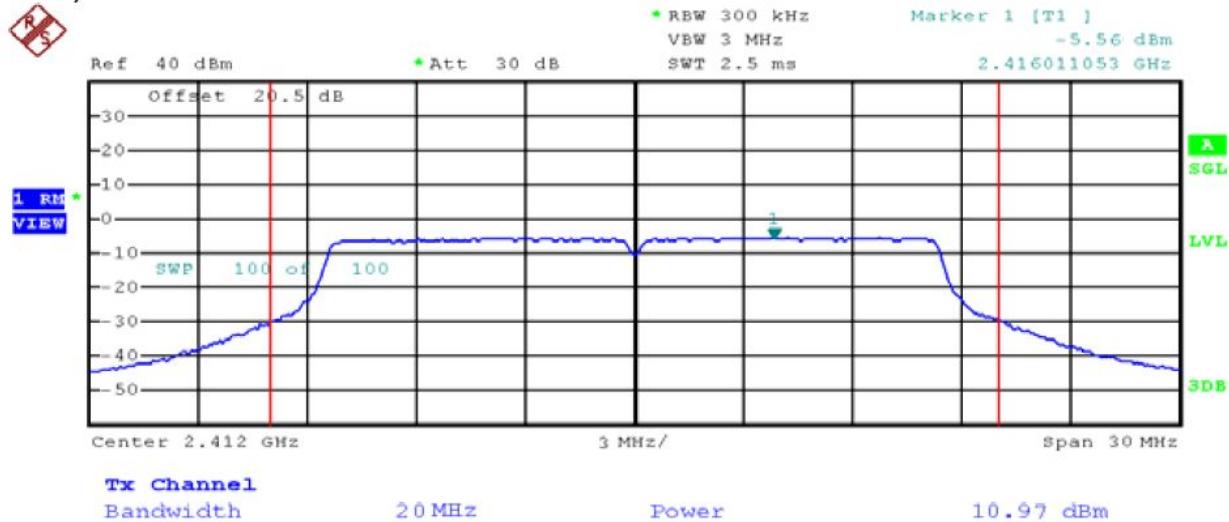
Test Mode: 802.11g---Mid



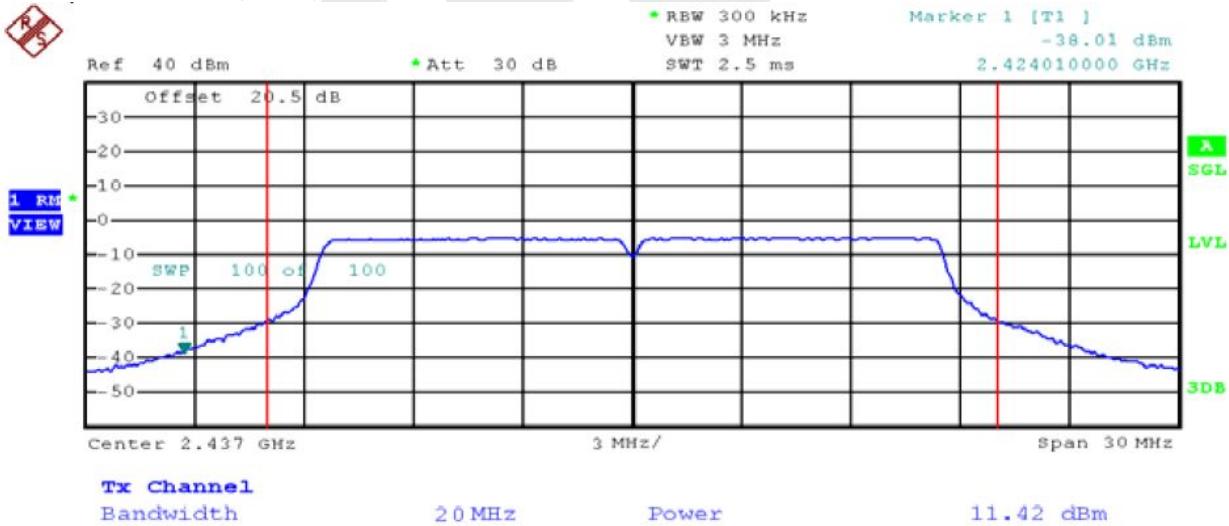
Test Mode: 802.11g---High



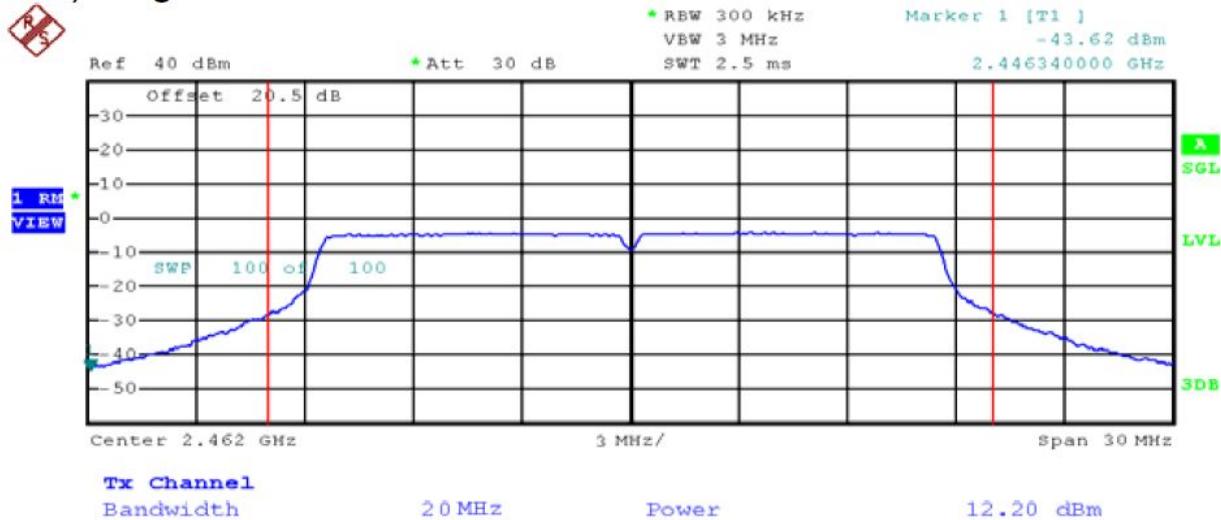
Test Mode: 802.11n(HT20)---Low



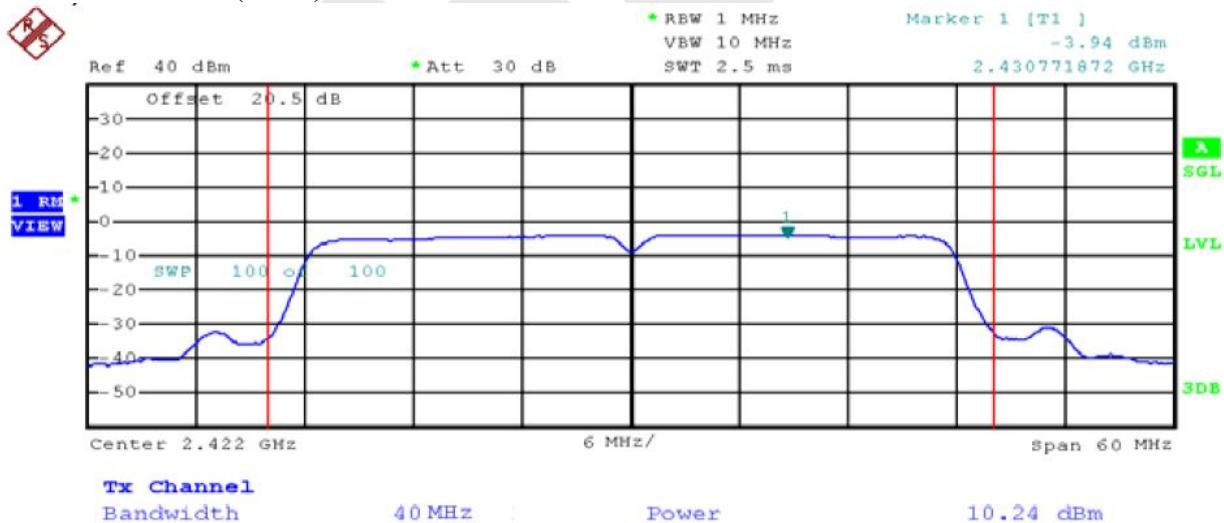
Test Mode: 802.11n(HT20)---Mid



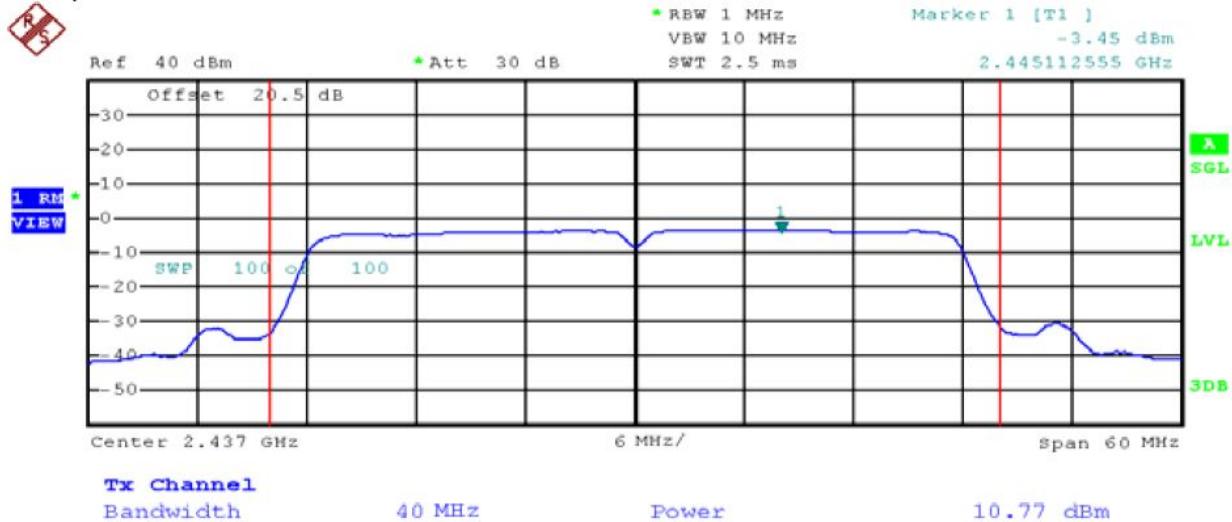
Test Mode: 802.11n(HT20)---High



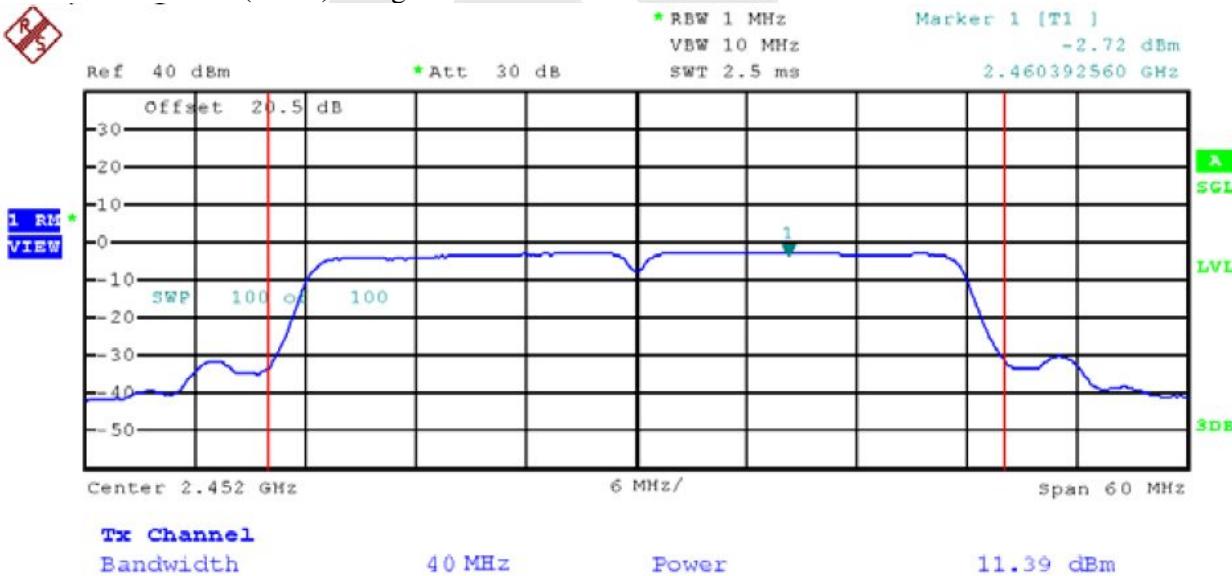
Test Mode: 802.11n(HT40)---Low



Test Mode: 802.11n(HT40)---Mid



Test Mode: 802.11n(HT40)---High



4.4. Band Edges Measurement

a. Limit

According to §15.247(c), in any 100 kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in 15.209(a).

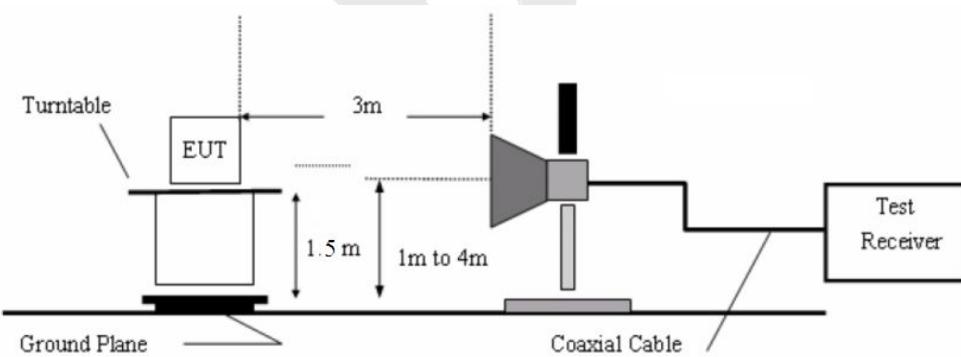
b. Test Procedure

1. Conducted Method:

- 1) Set RBW=100KHz, VBW=300KHz
- 2) Detector=peak
- 3) Sweep time= auto
- 4) Trace mode=max hold.

2. Radiated Method:

- 1) The EUT is placed on a turntable, which is 1.5m above the ground plane.
- 2) The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
- 3) EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
- 4) For PK measurement: RBW=1MHz, VBW=3MHz, SWT=AUTO, peak detector
 For Average measurement: RBW=1MHz, VBW=10Hz, SWT=AUTO, peak detector
 The EUT is tested in 9*6*6 Chamber.
- 5) Repeat the procedures until all the PEAK and AVERAGE versus POLARIZATION are measured.



c. Test Equipment

Same as the equipment listed in 4.2.

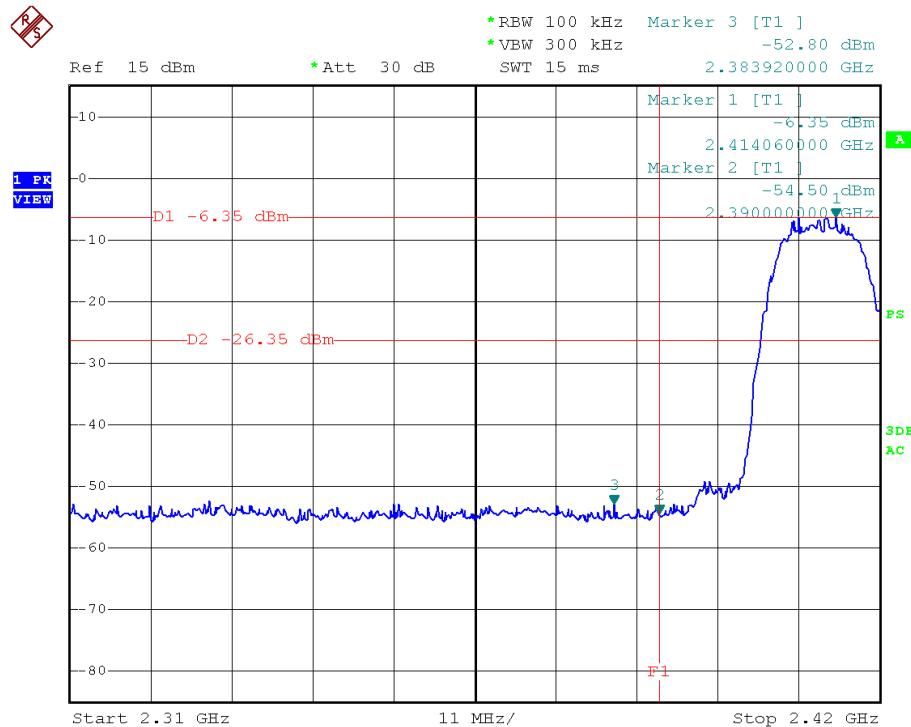
d. Test Results

Pass.

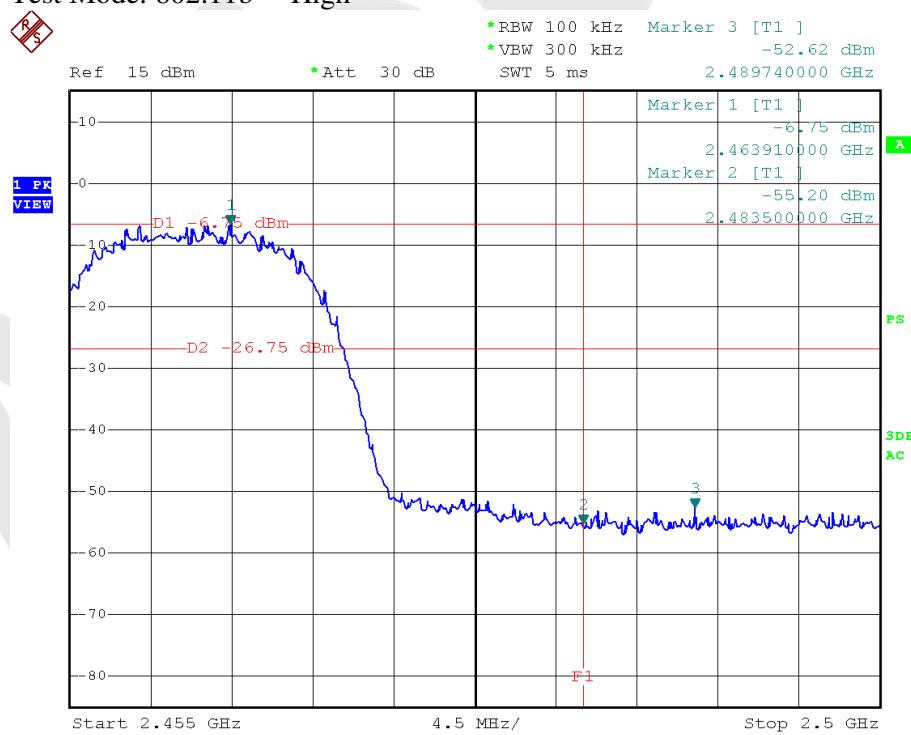
e. Test Plots

See the following page.

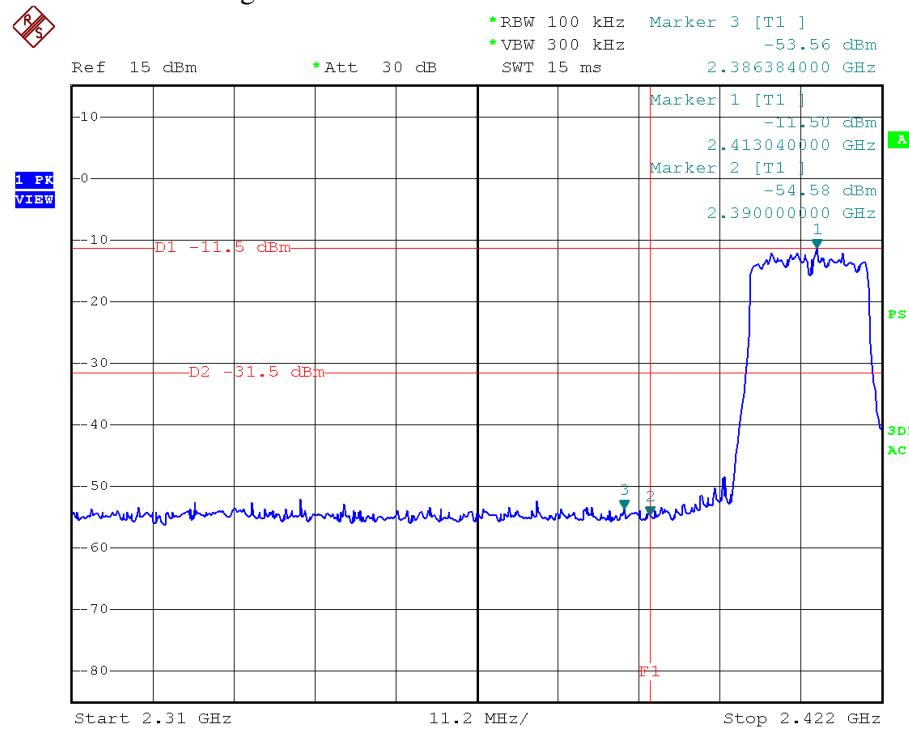
Test Mode: 802.11b ---Low



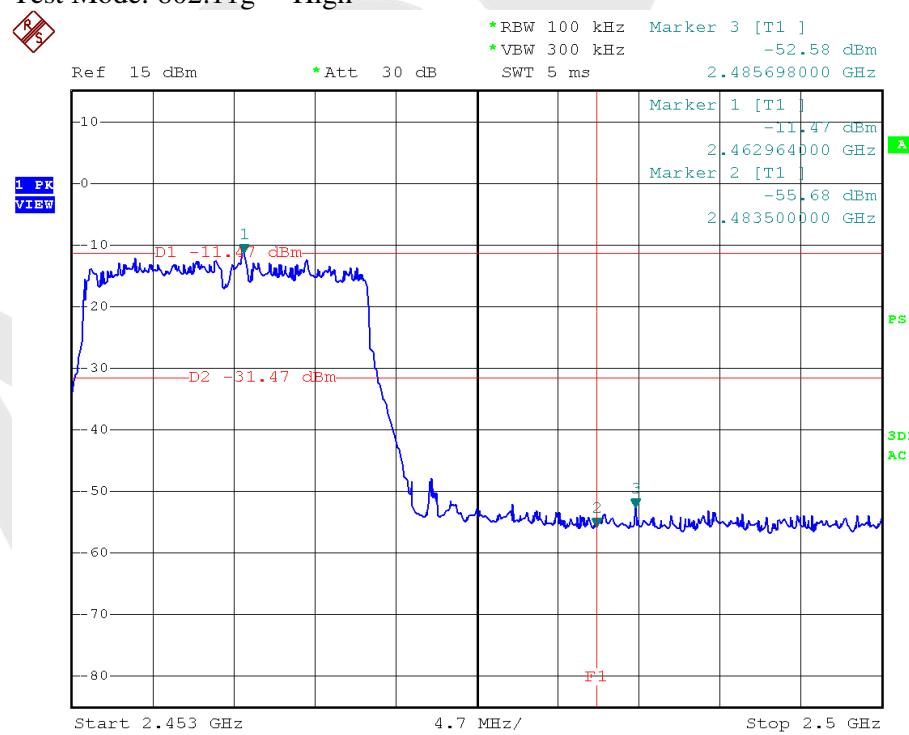
Test Mode: 802.11b ---High



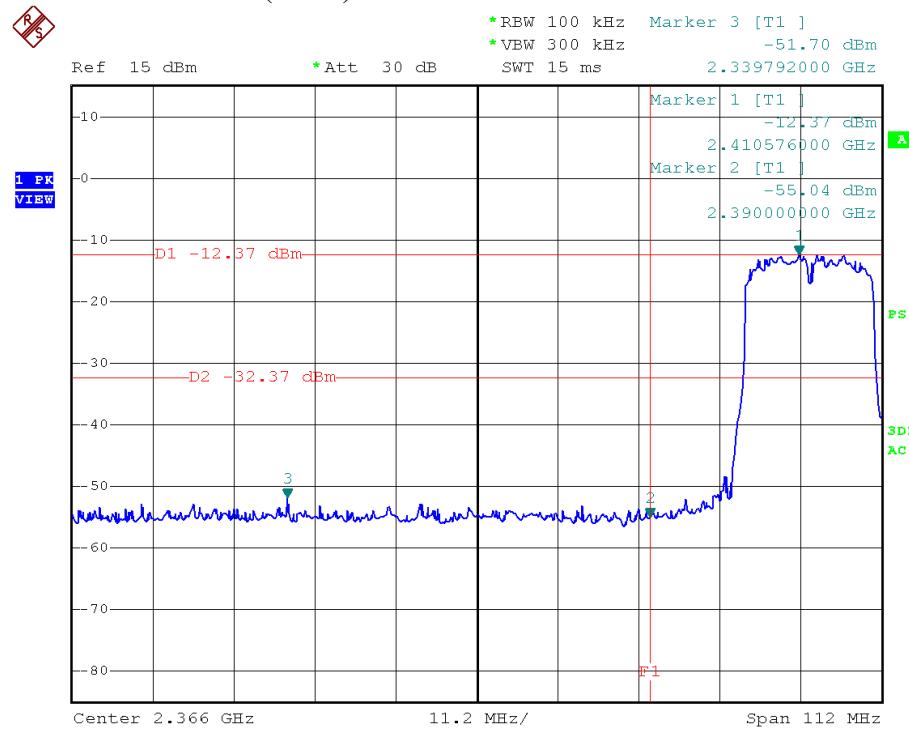
Test Mode: 802.11g ---Low



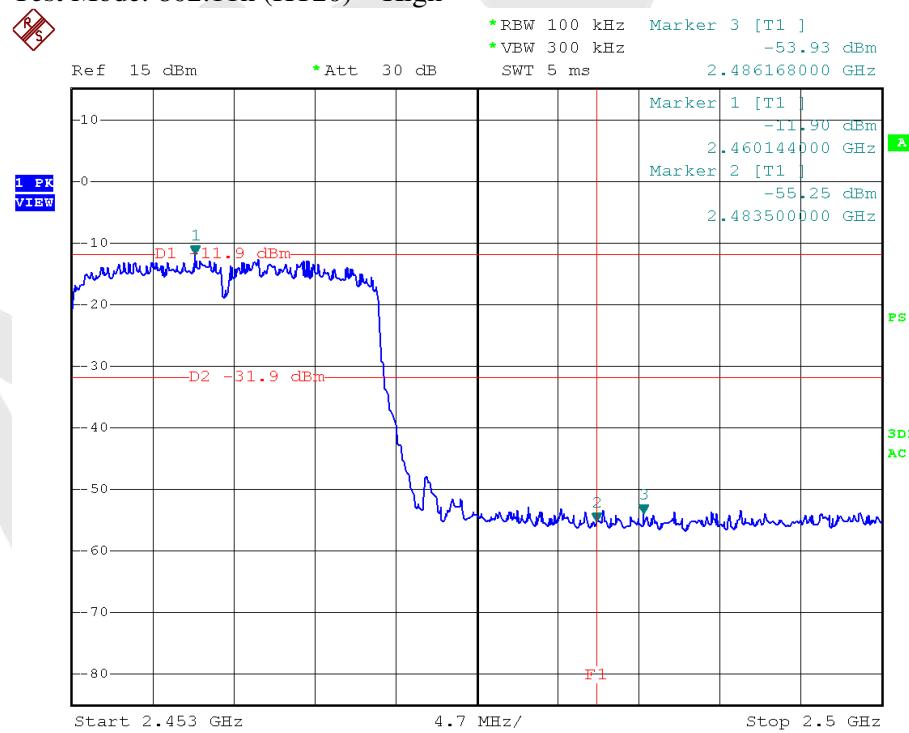
Test Mode: 802.11g ---High



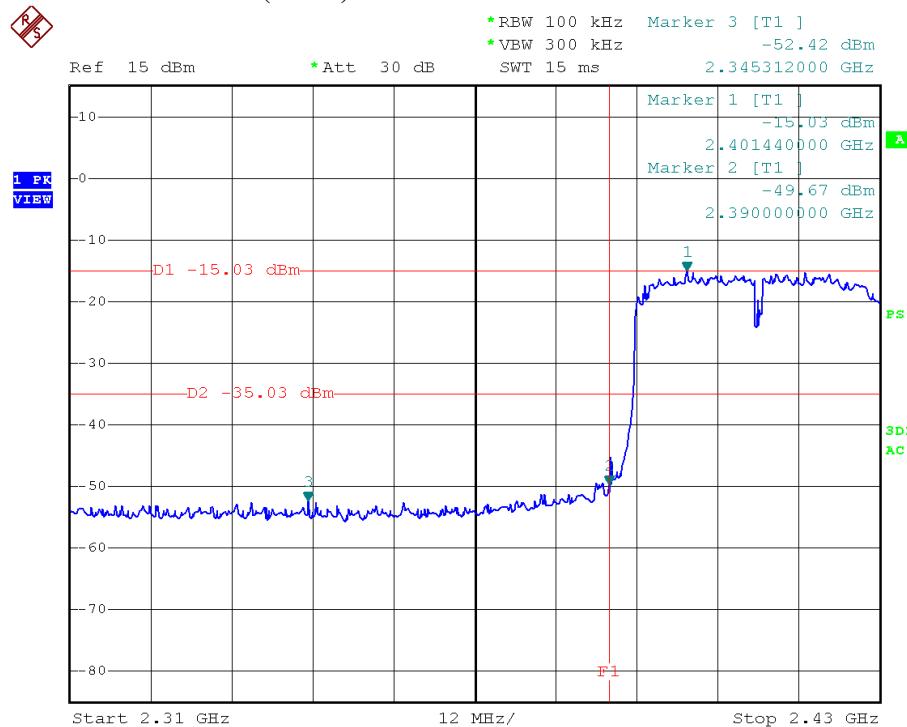
Test Mode: 802.11n (HT20) ---Low



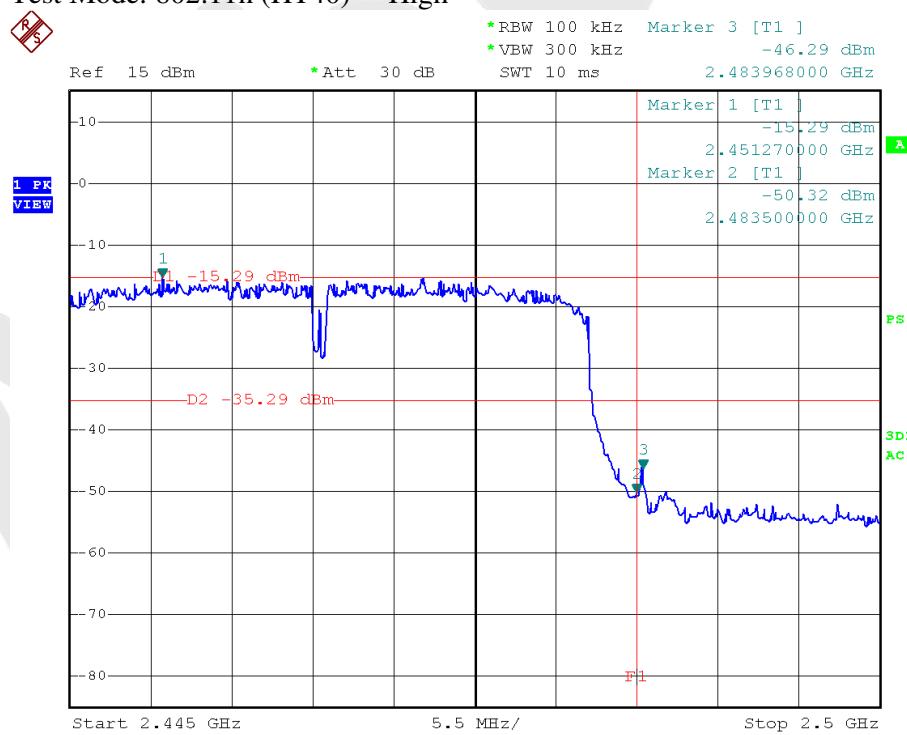
Test Mode: 802.11n (HT20)---High



Test Mode: 802.11n (HT40) ---Low



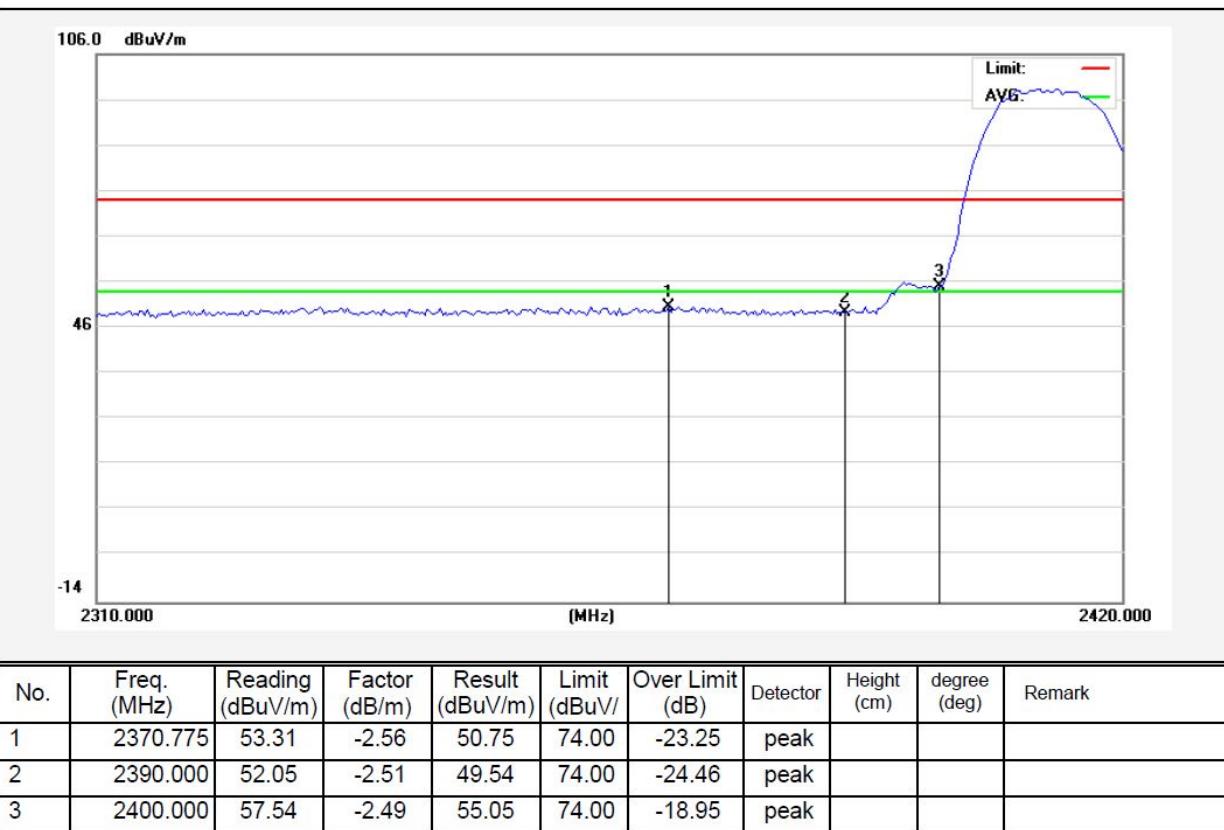
Test Mode: 802.11n (HT40) ---High



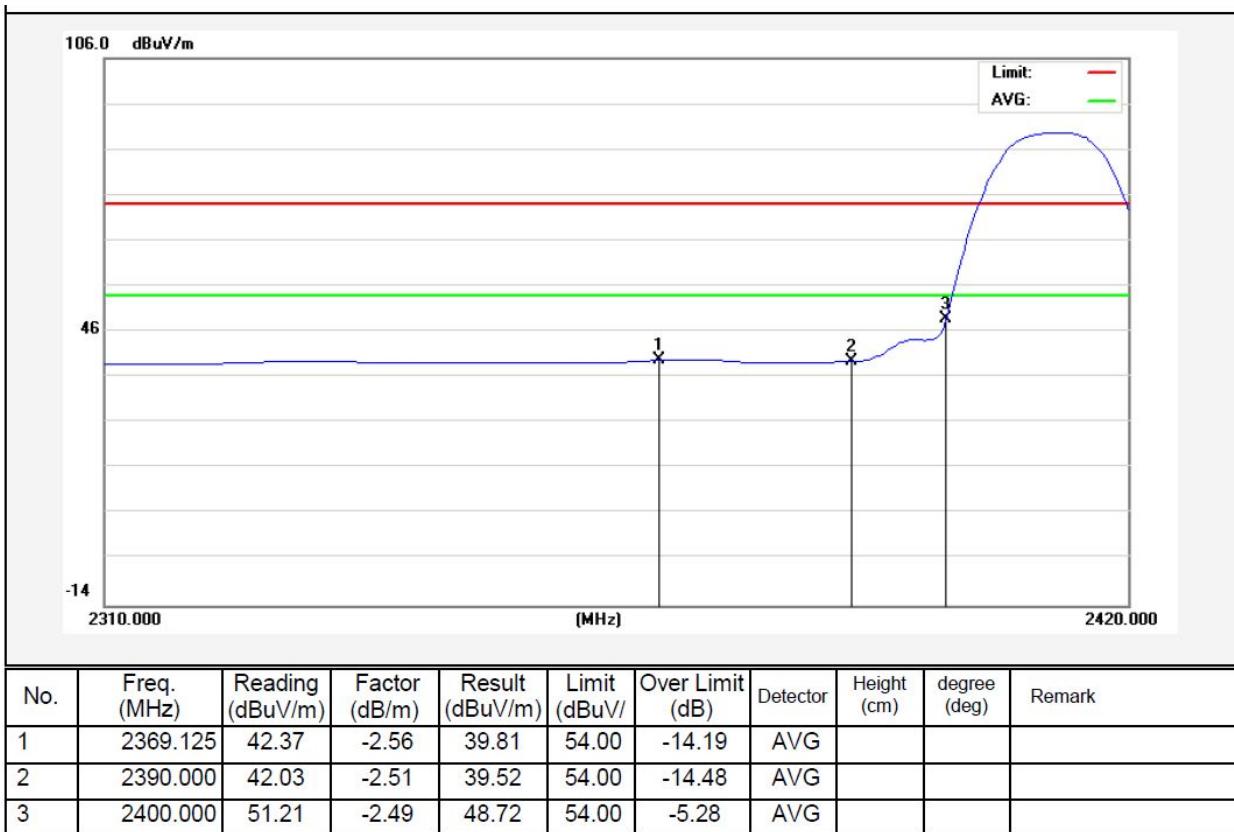
Test Mode: 802.11b

2412MHz

Horizontal-PEAK:



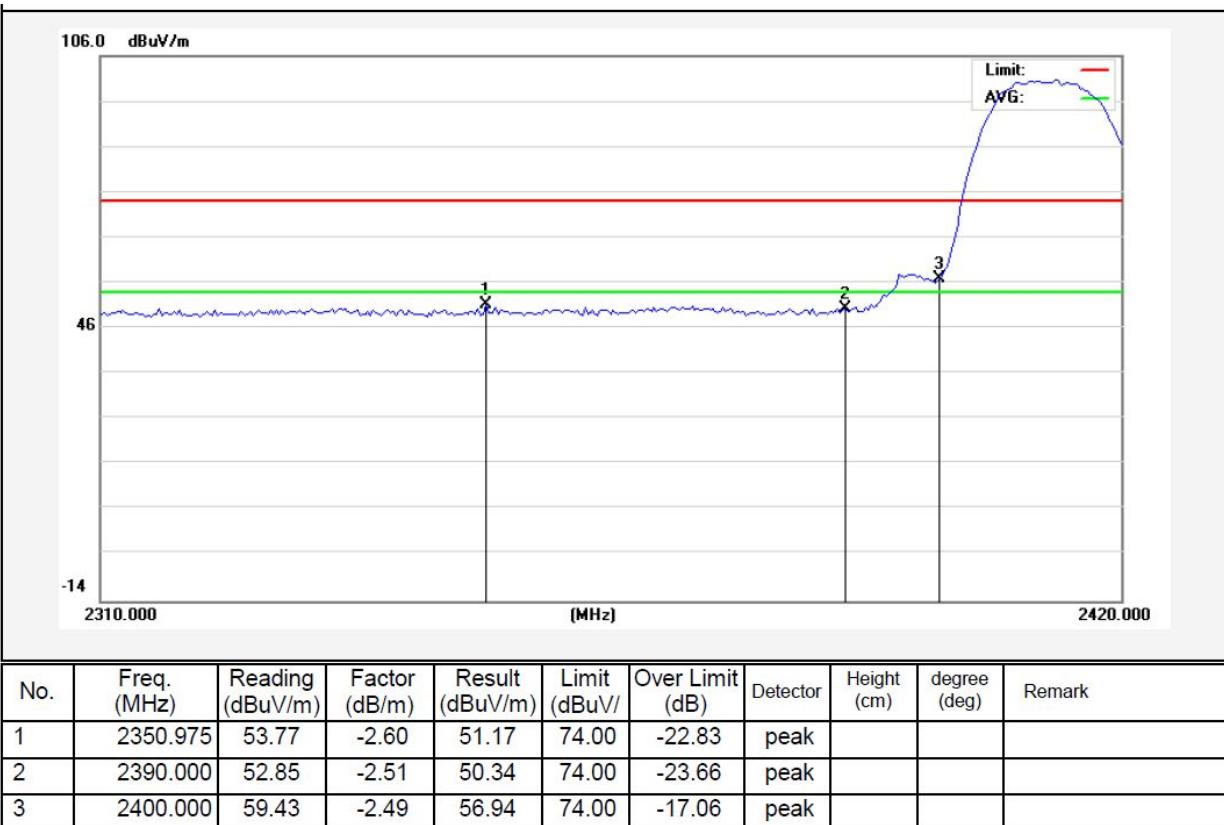
Horizontal-AV:



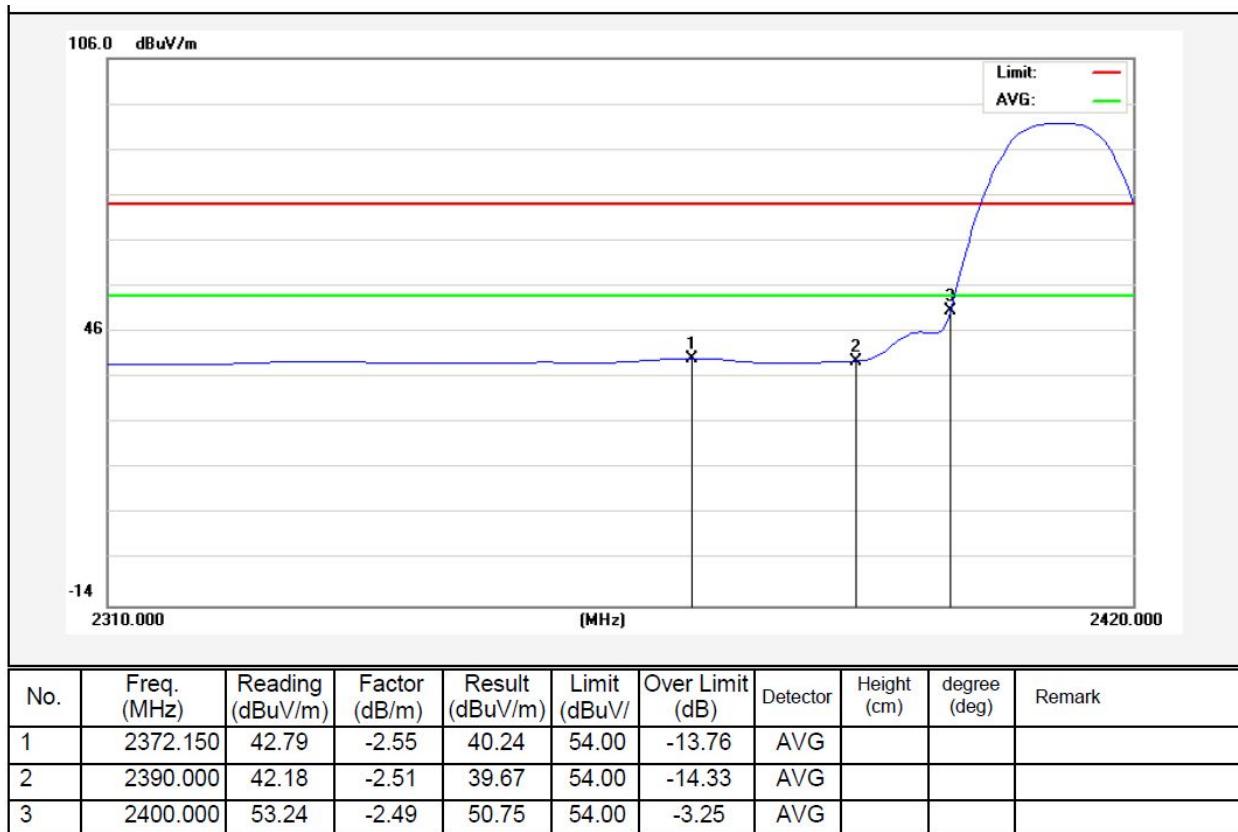
Test Mode: 802.11b

2412MHz

Vertical-PEAK:



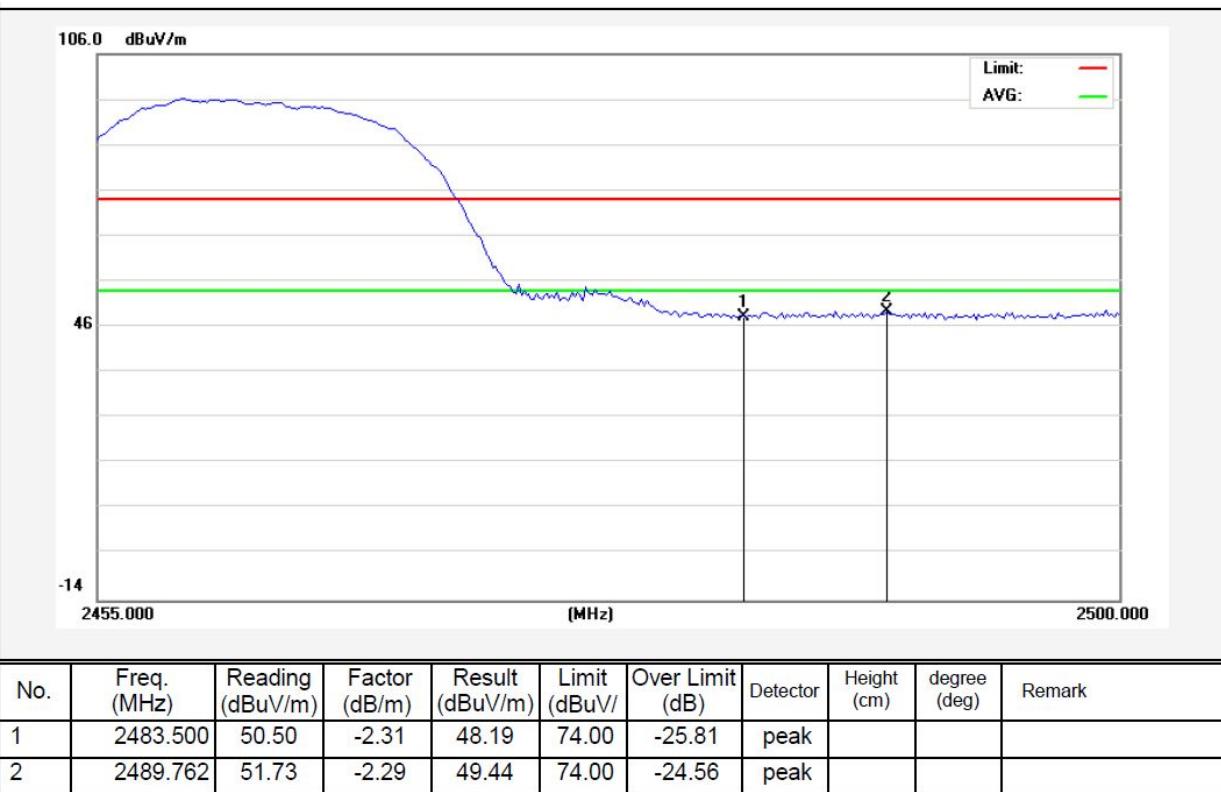
Vertical-AV:



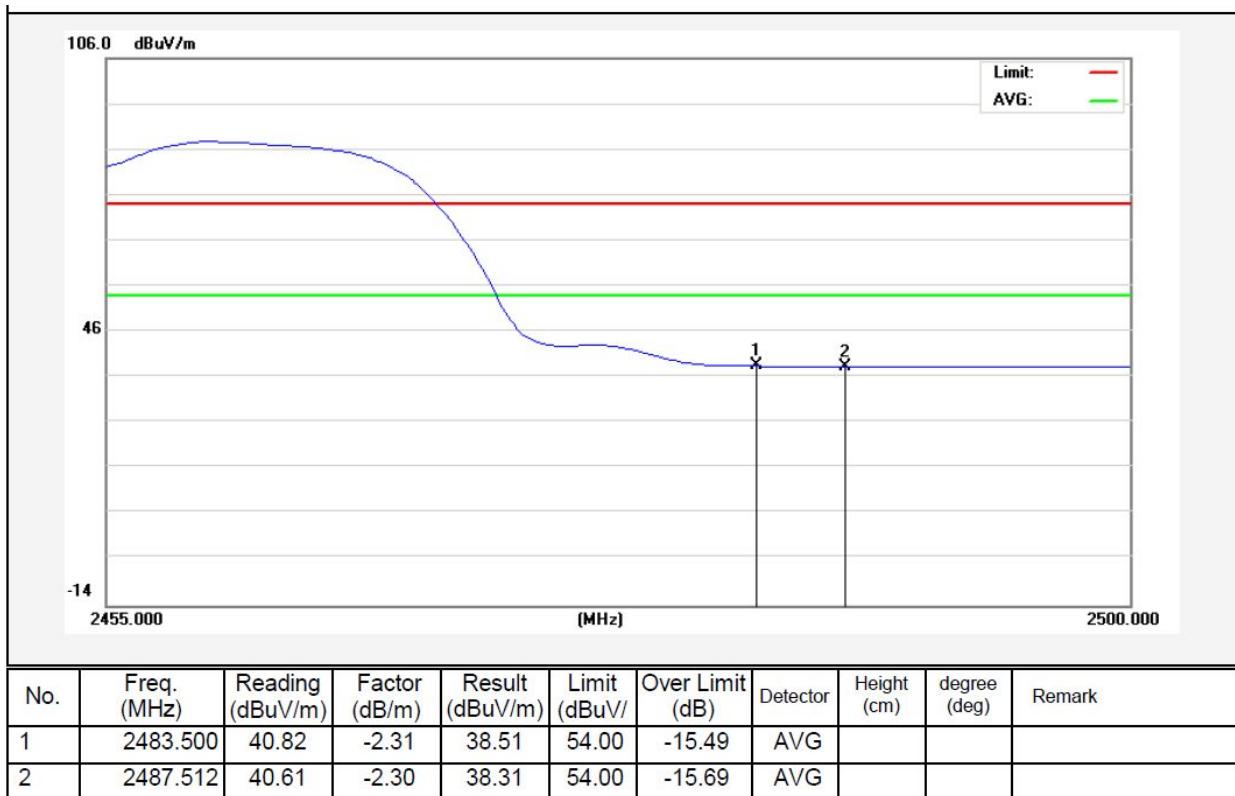
Test Mode: 802.11b

2462MHz

Horizontal-PEAK:



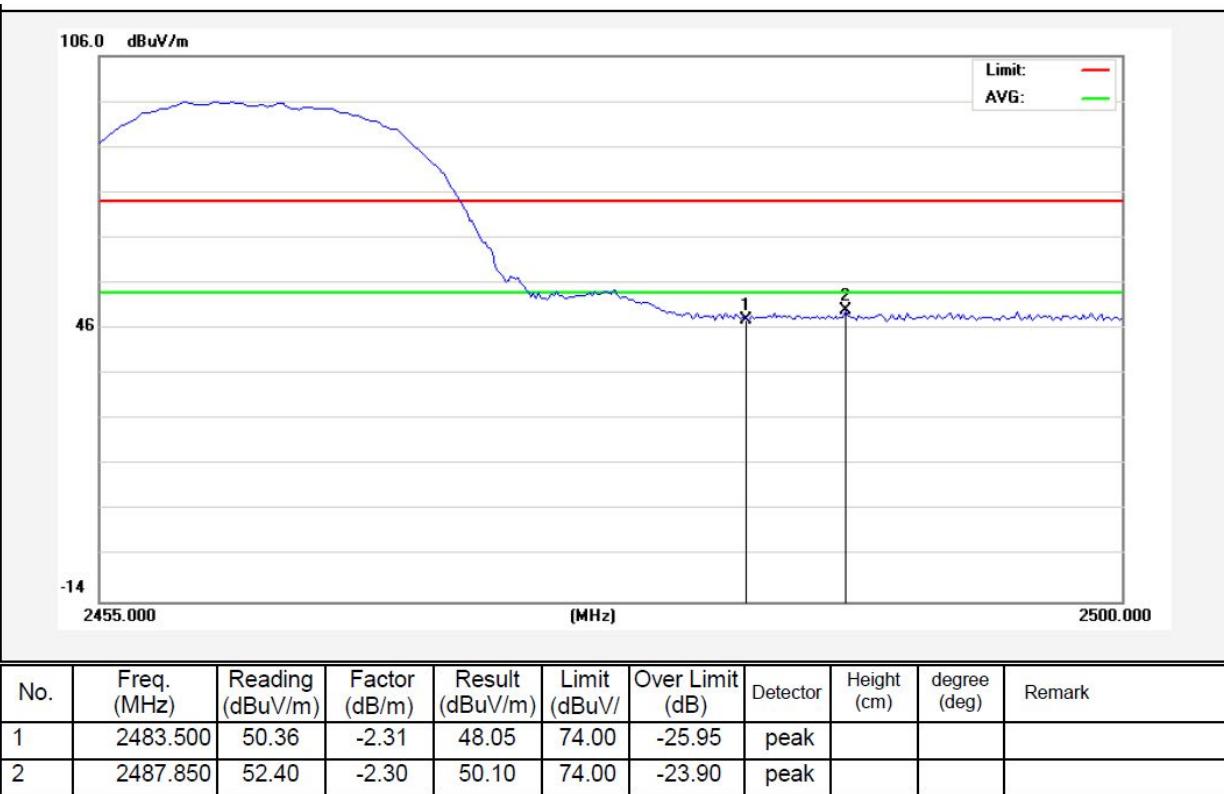
Horizontal-AV:



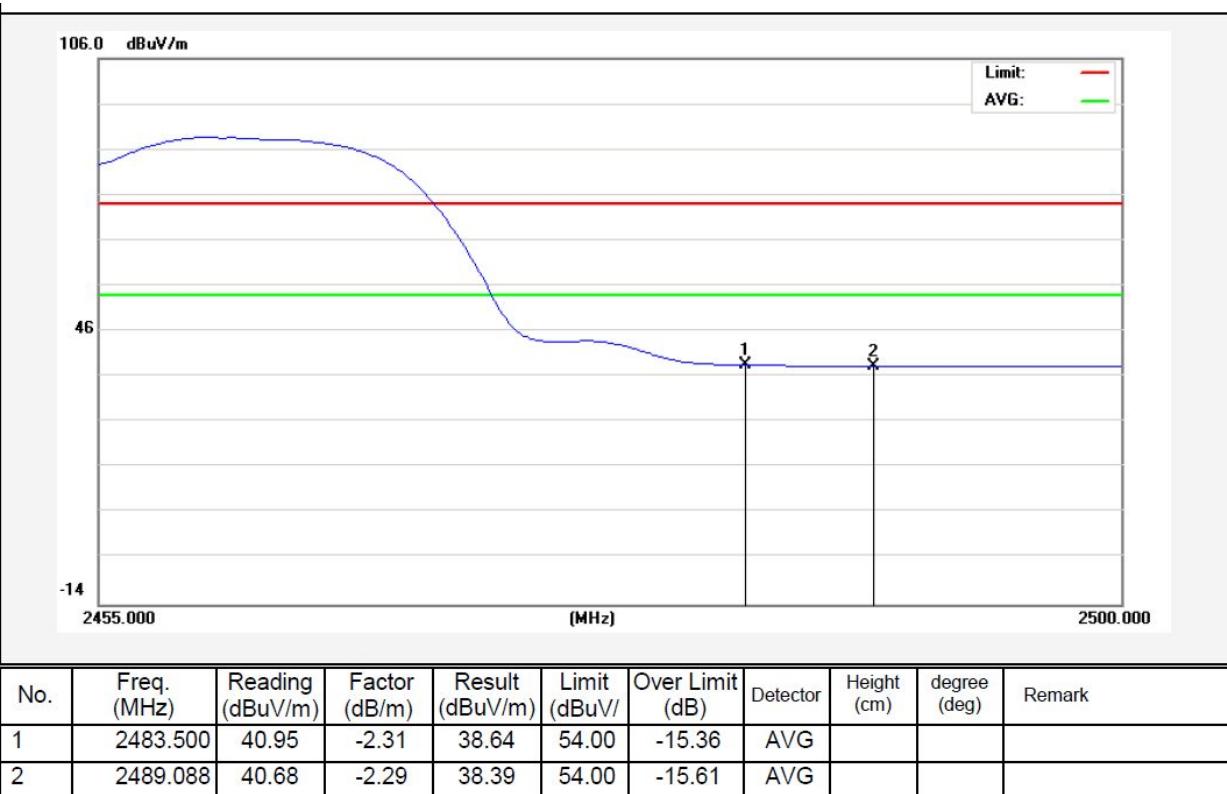
Test Mode: 802.11b

2462MHz

Vertical-PEAK:



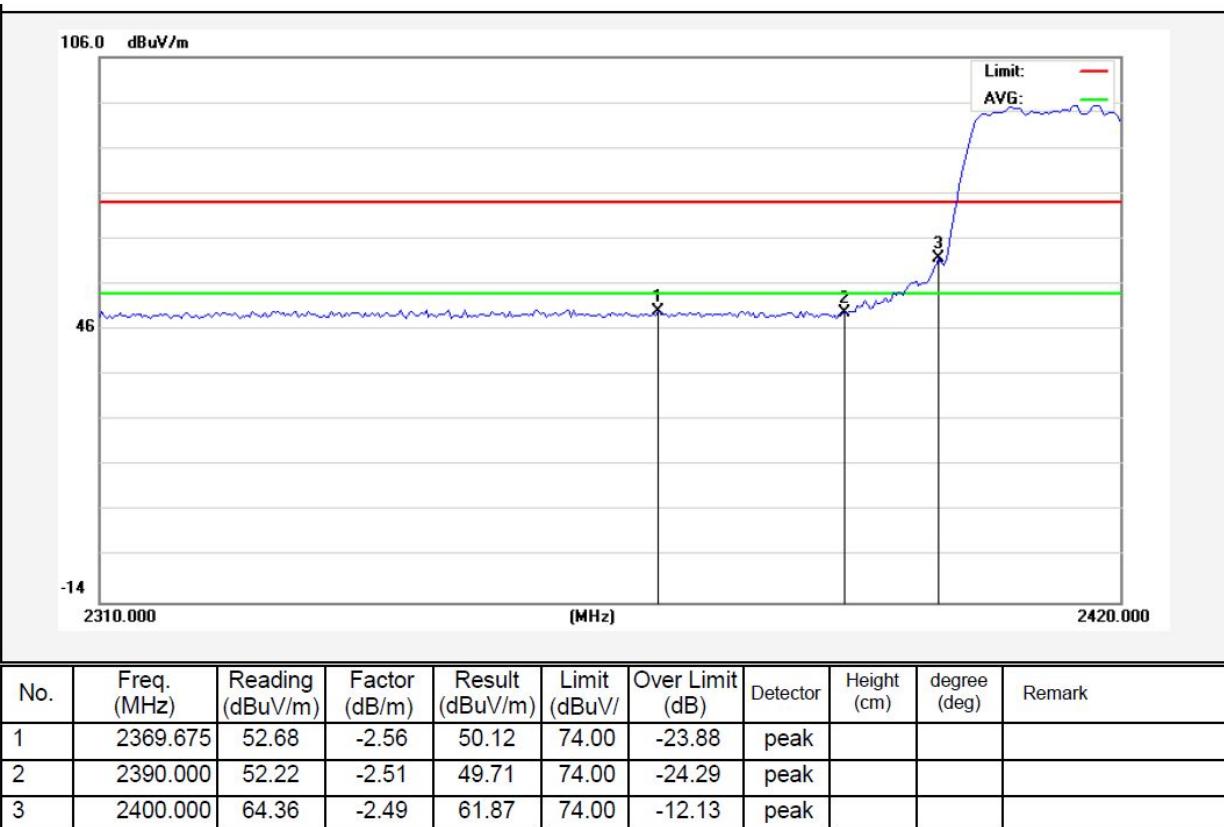
Vertical-AV:



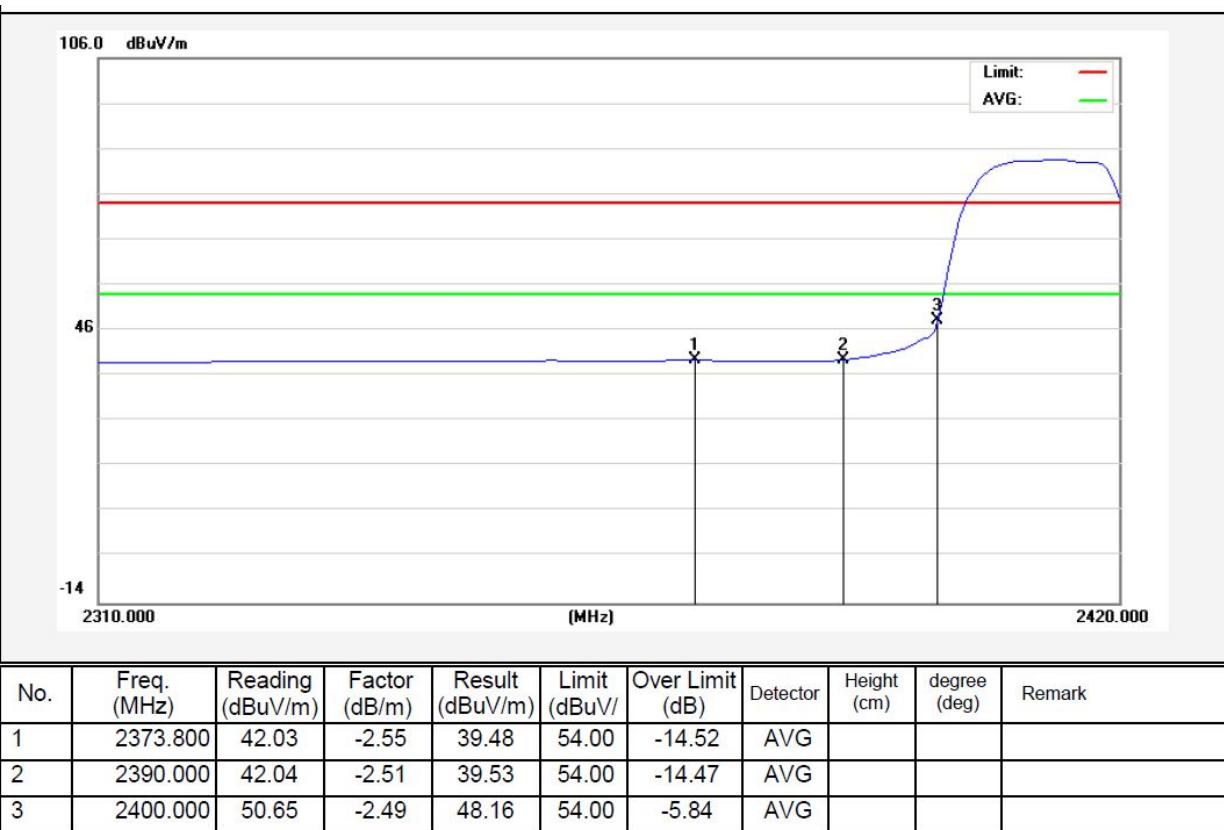
Test Mode: 802.11g

2412MHz

Horizontal-PEAK:



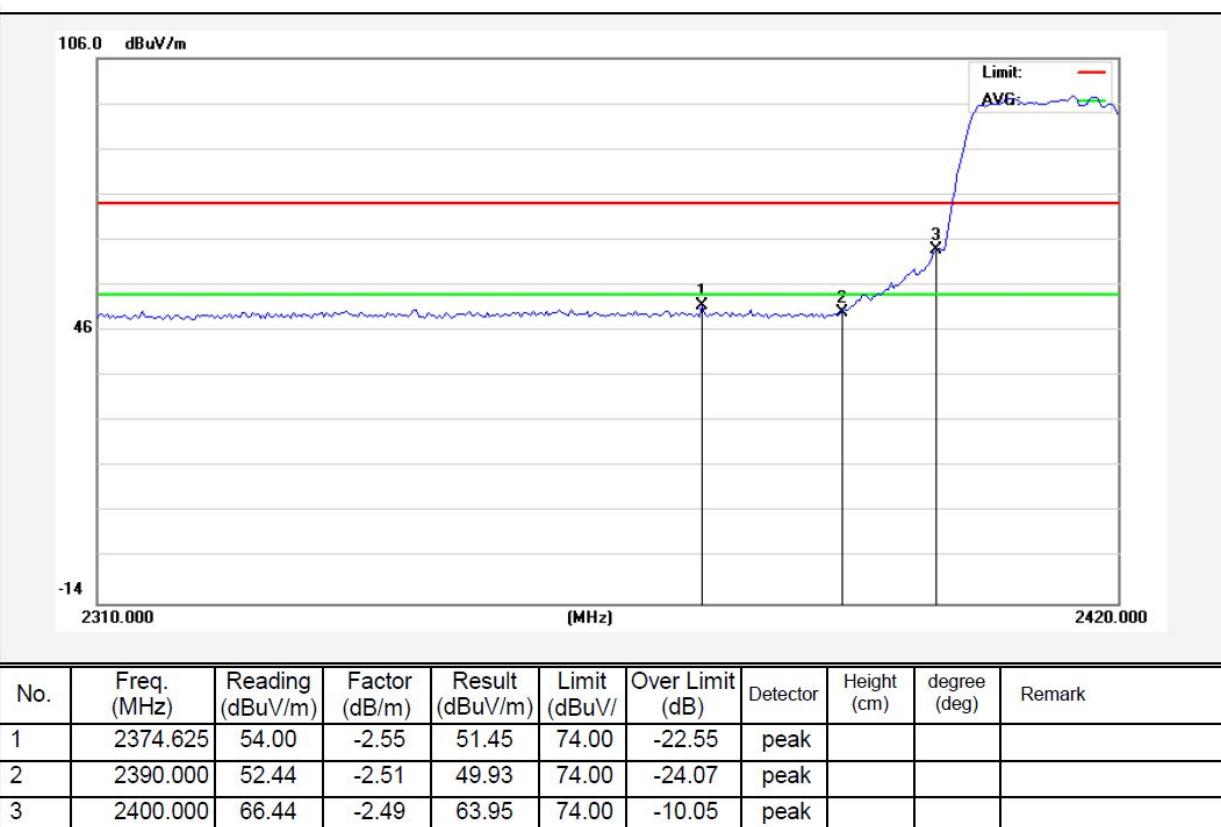
Horizontal-AV:



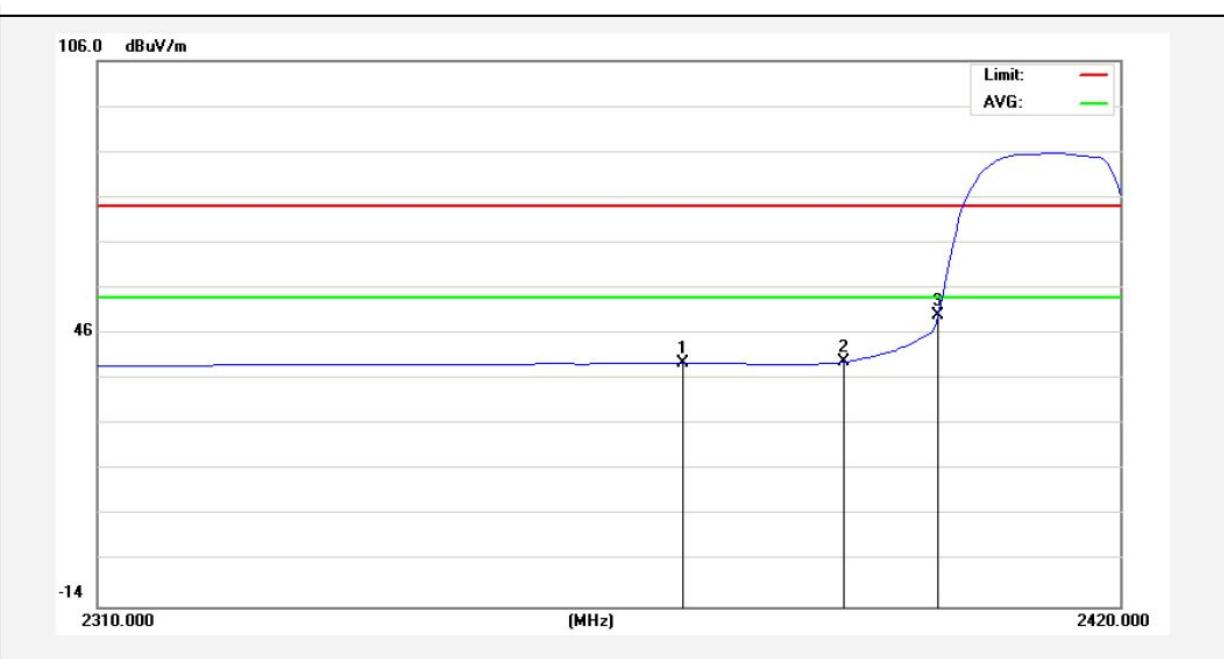
Test Mode: 802.11g

2412MHz

Vertical-PEAK:



Vertical-AV:

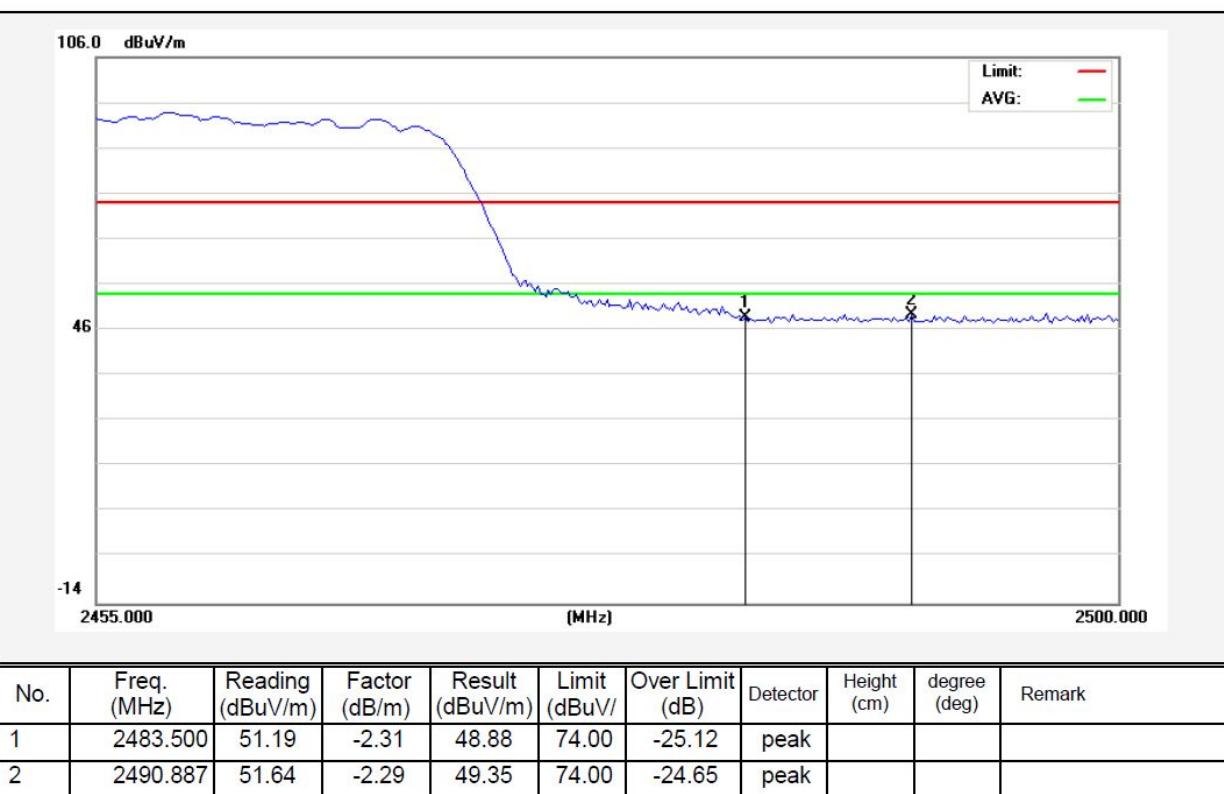


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2372.425	42.22	-2.55	39.67	54.00	-14.33	AVG			
2	2390.000	42.33	-2.51	39.82	54.00	-14.18	AVG			
3	2400.000	52.53	-2.49	50.04	54.00	-3.96	AVG			

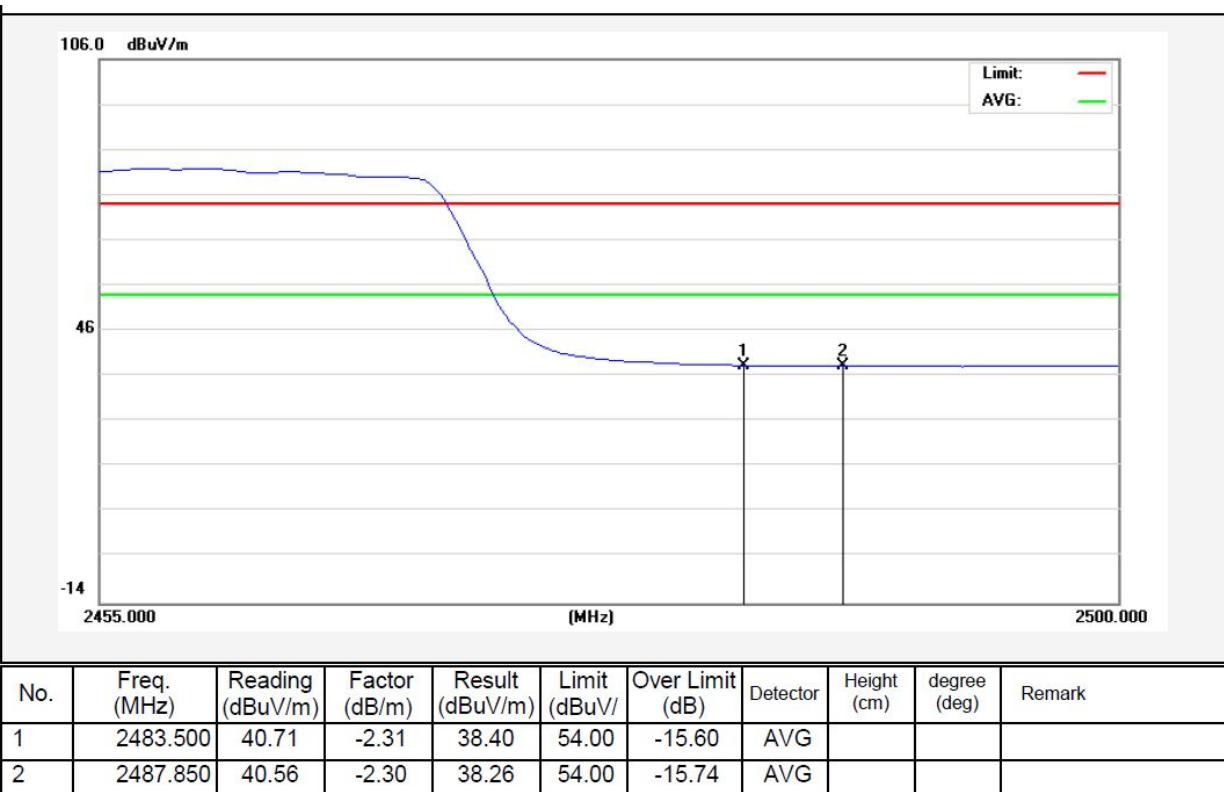
Test Mode: 802.11g

2462MHz

Horizontal-PEAK:



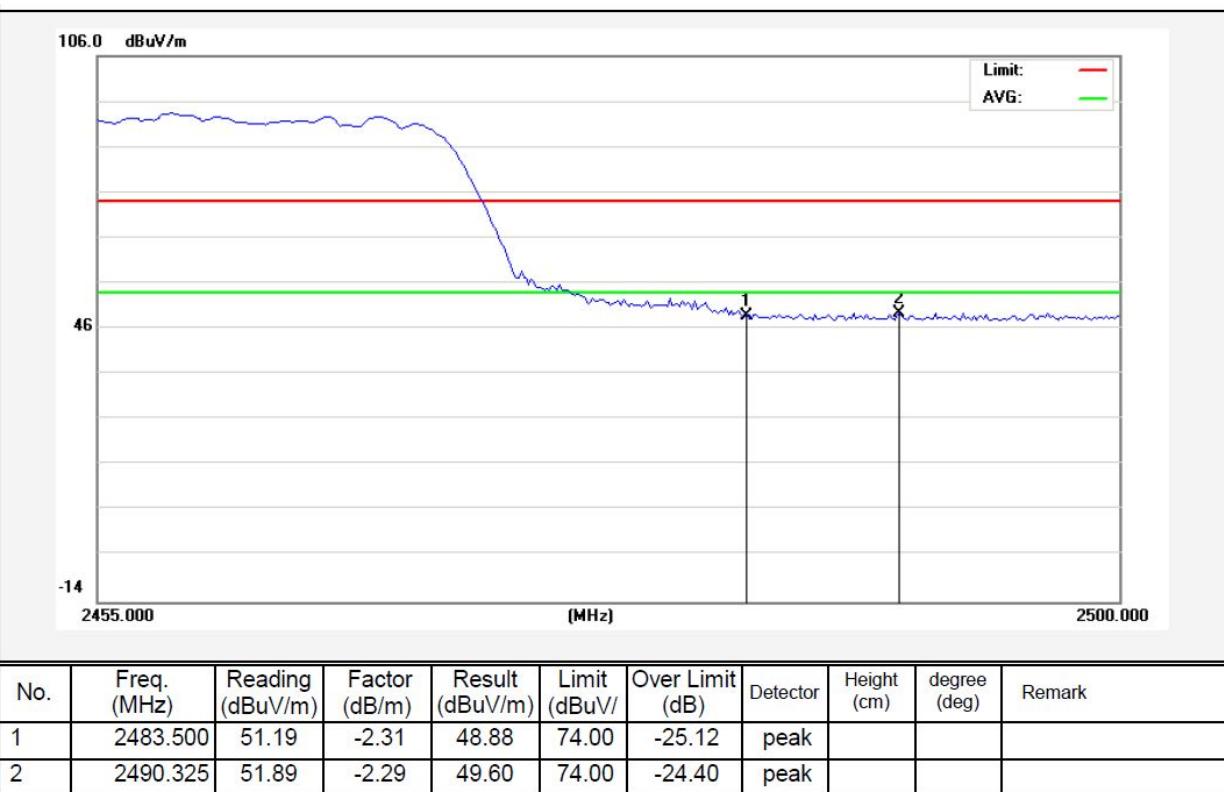
Horizontal-AV:



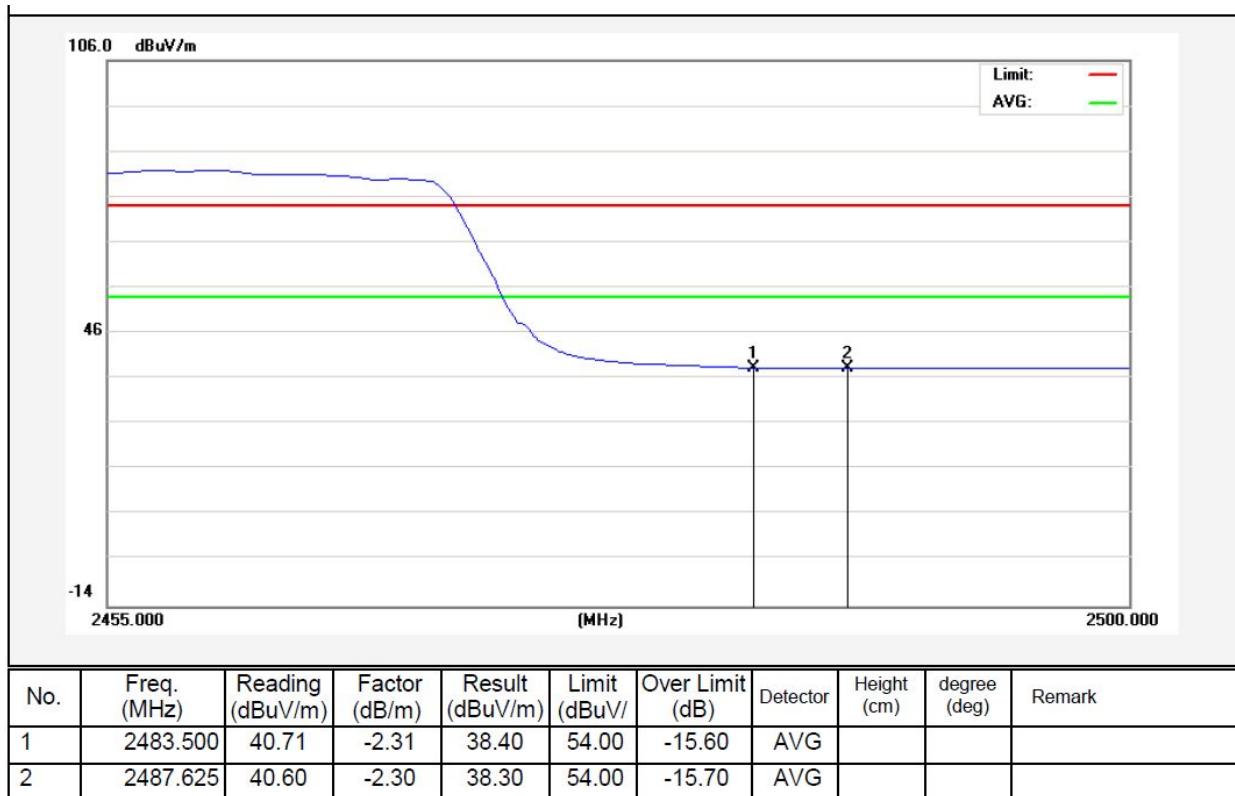
Test Mode: 802.11g

2462MHz

Vertical-PEAK:



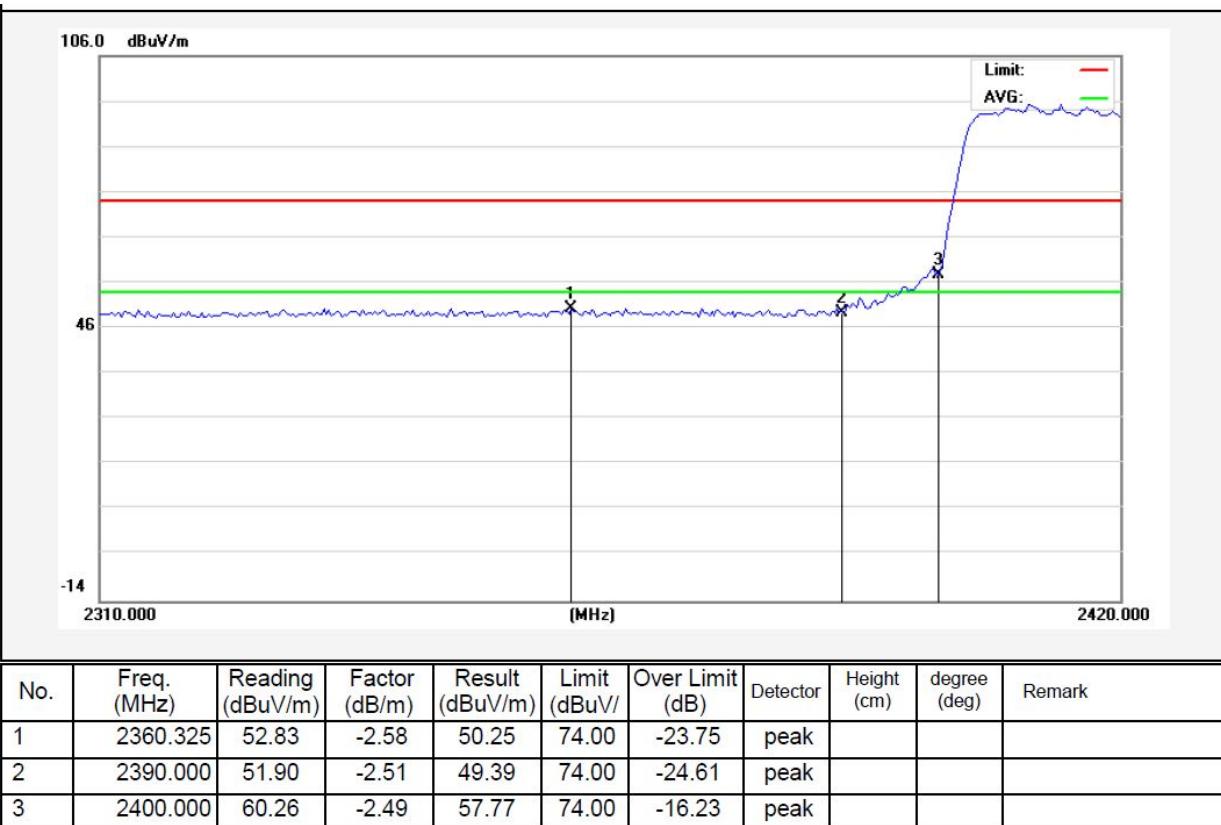
Vertical-AV:



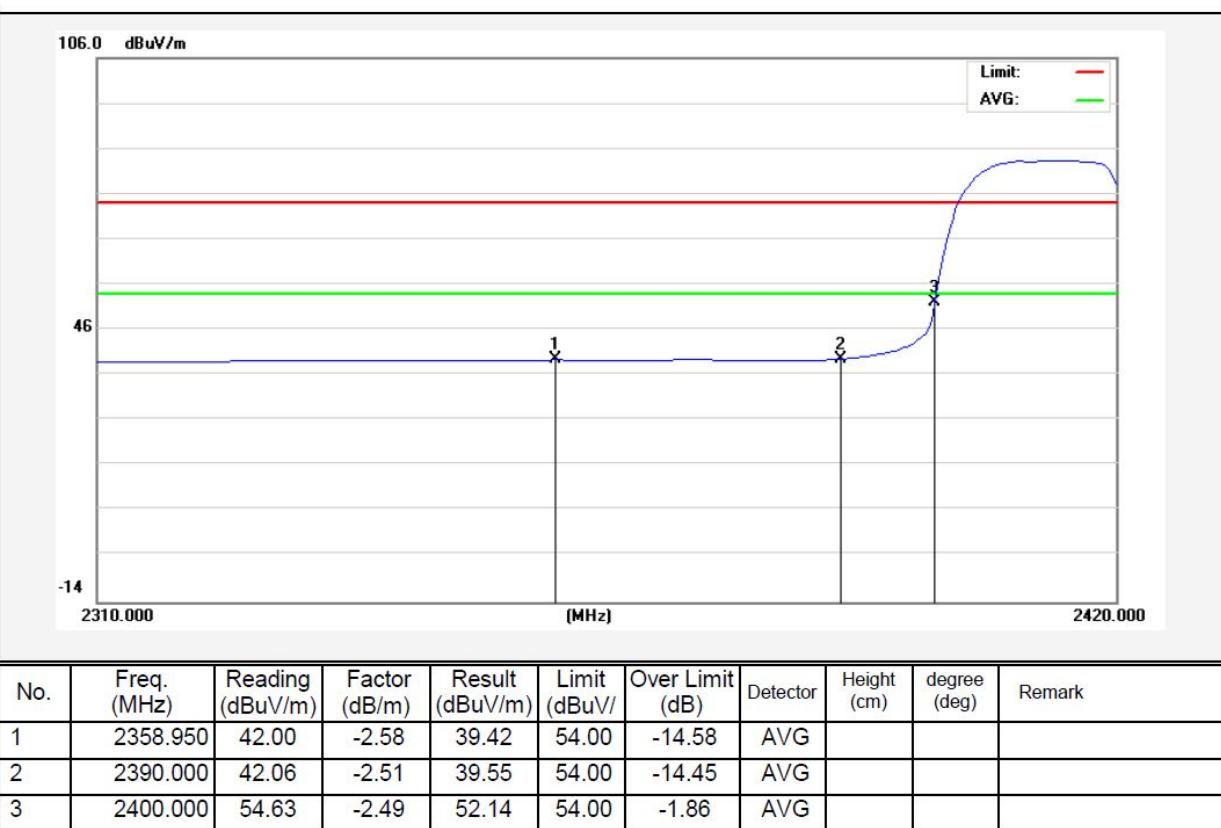
Test Mode: 802.11n (HT20)

2412MHz

Horizontal-PEAK:



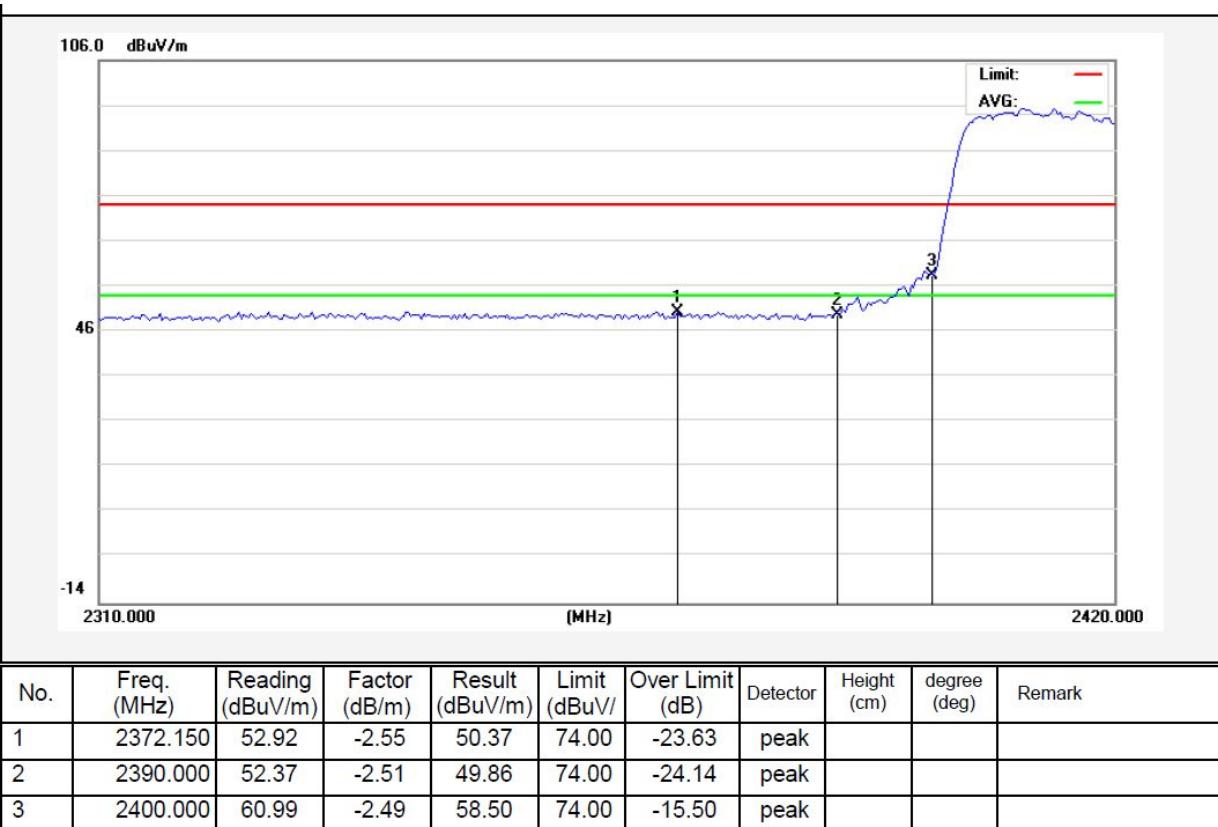
Horizontal-AV:



Test Mode: 802.11n (HT20)

2412MHz

Vertical-PEAK:



Vertical-AV:

