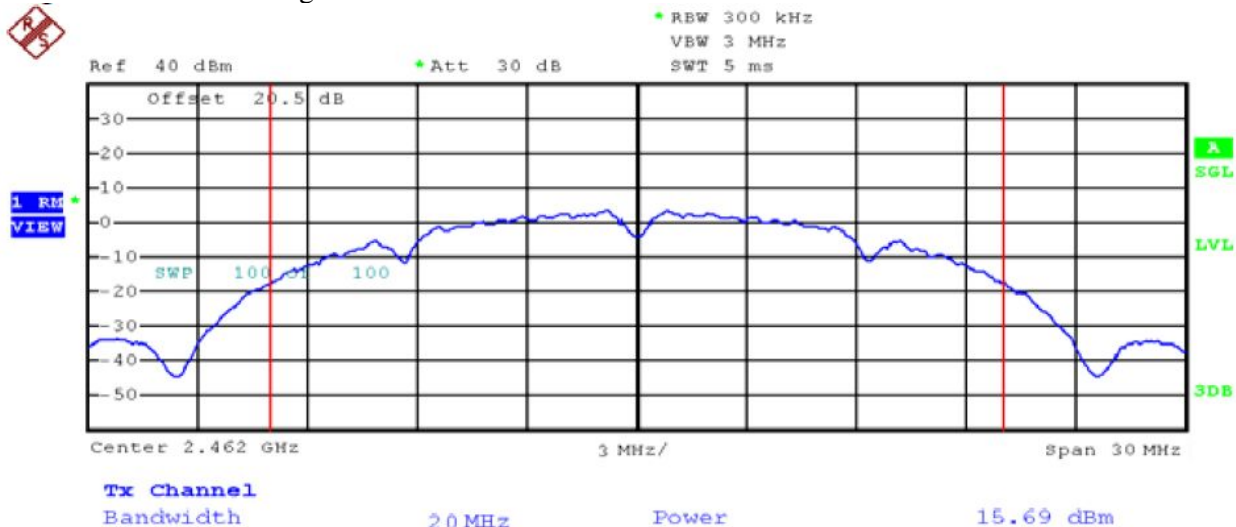
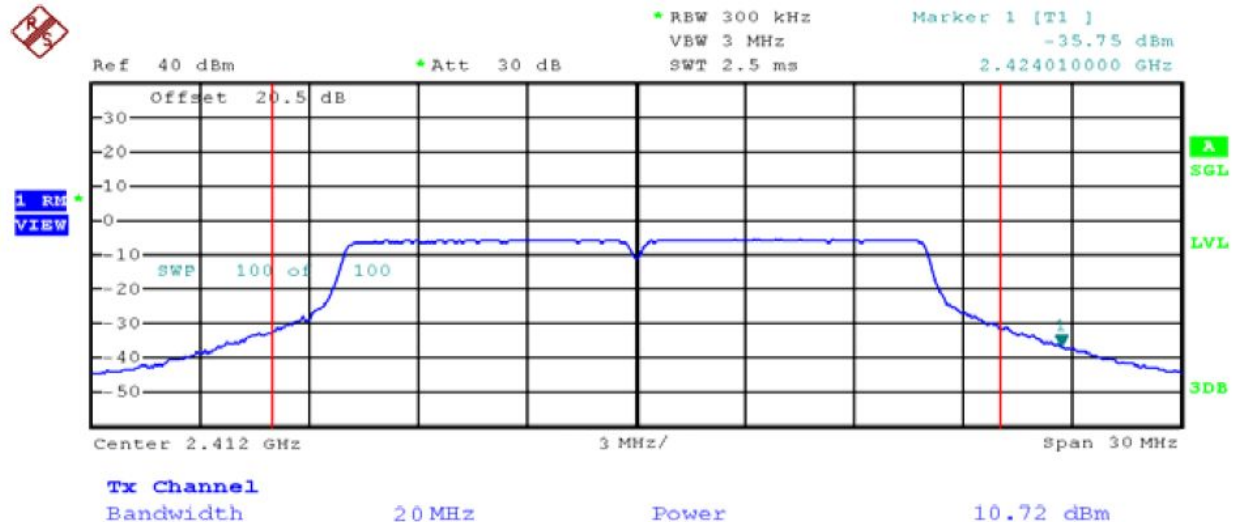


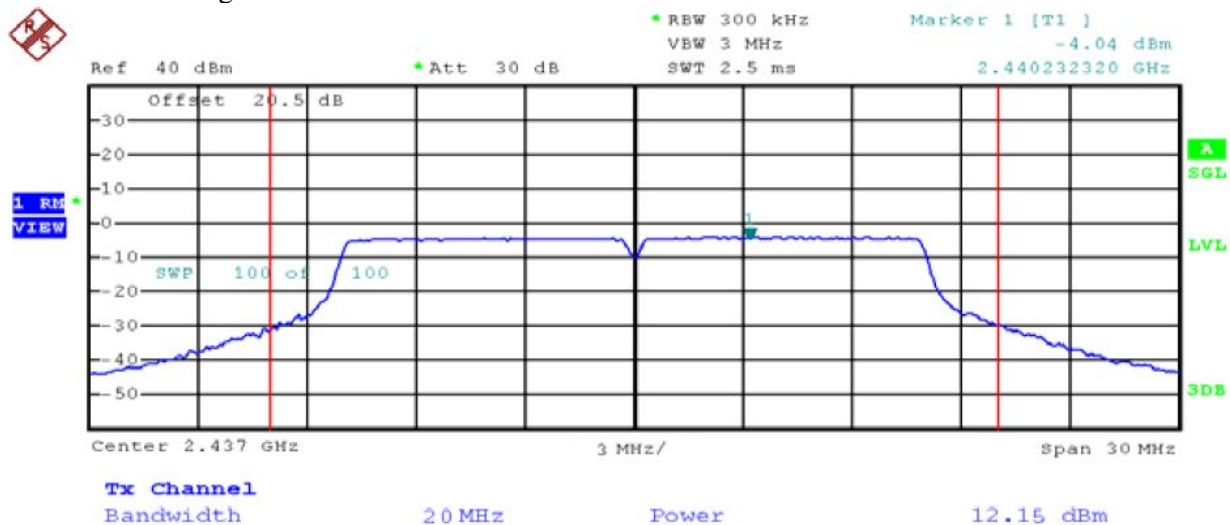
Test Mode: 802.11b---High



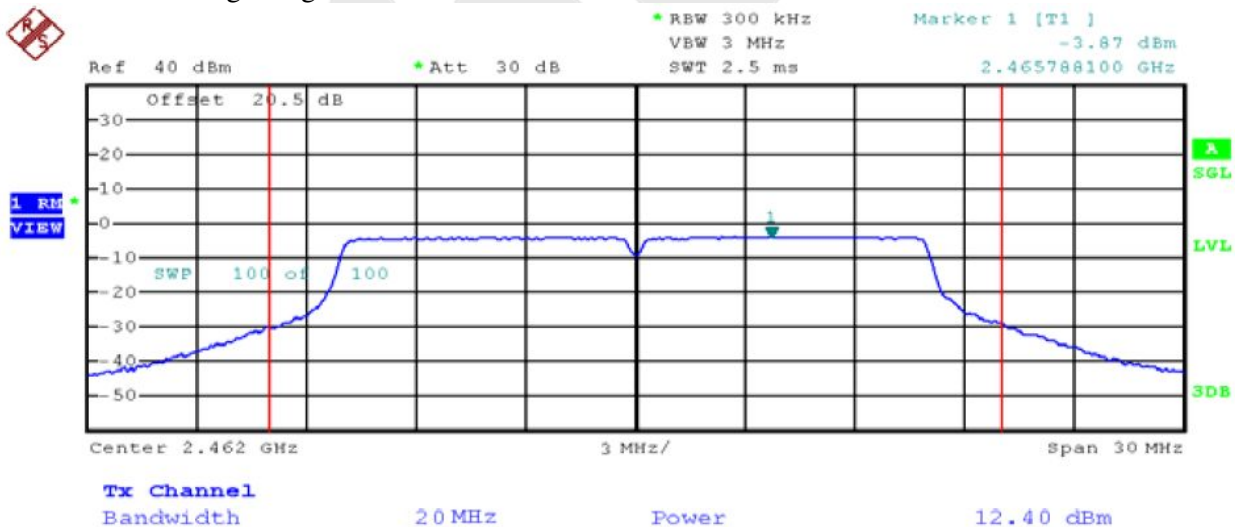
Test Mode: 802.11g---Low



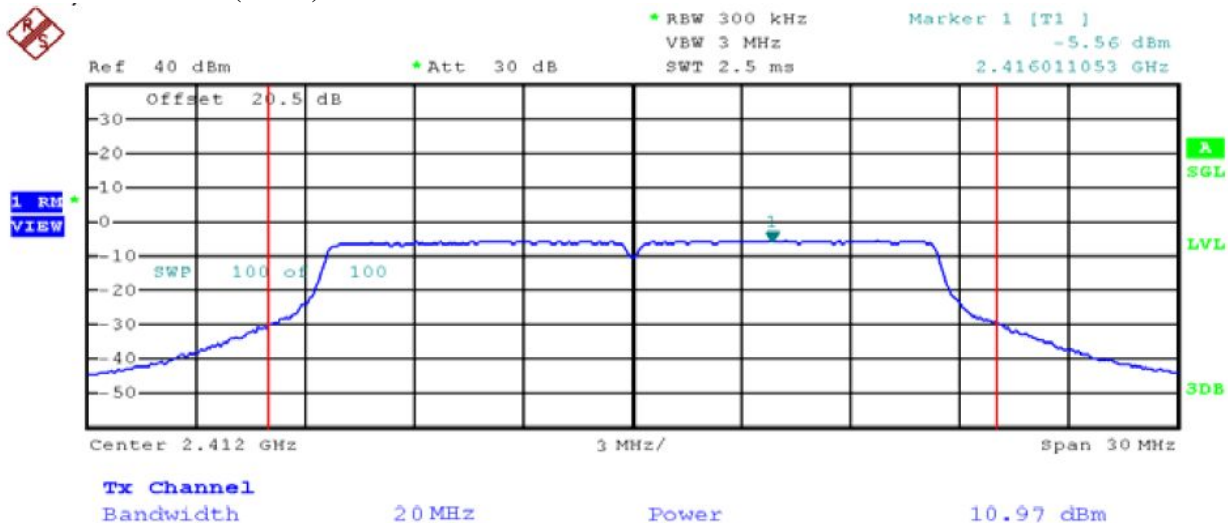
Test Mode: 802.11g---Mid



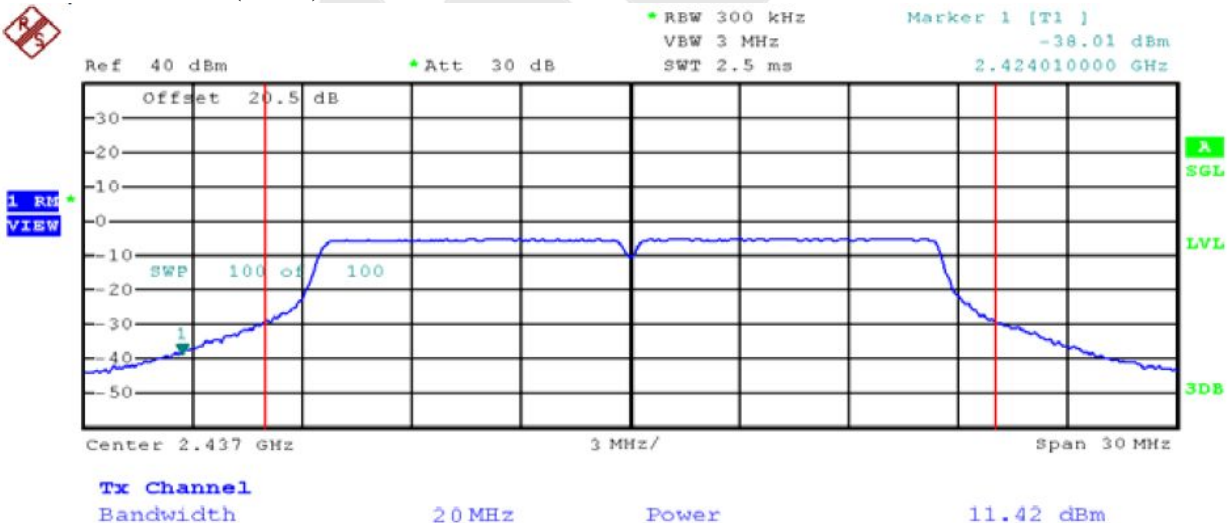
Test Mode: 802.11g---High



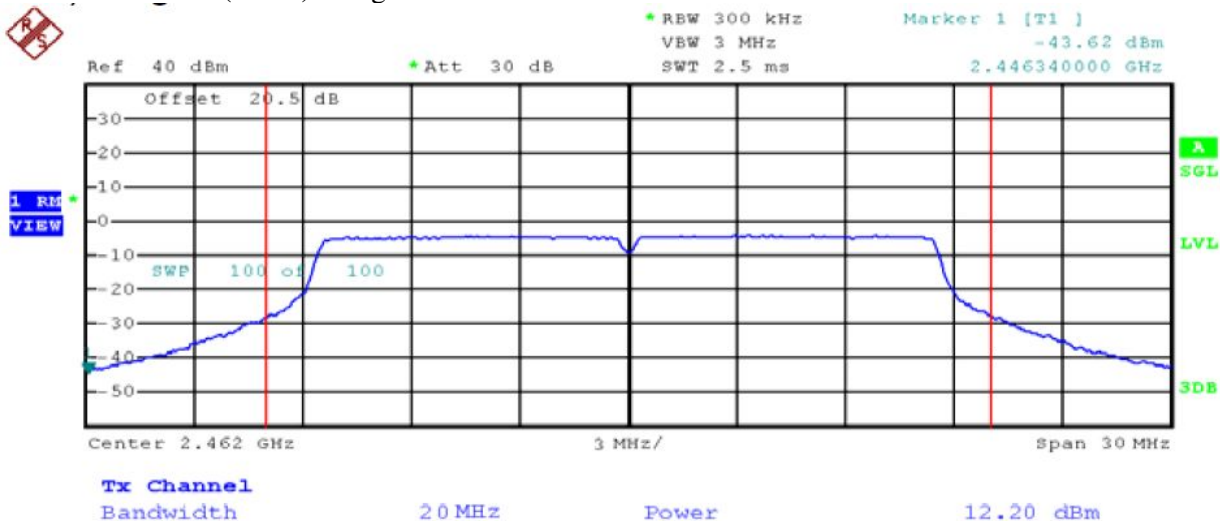
Test Mode: 802.11n(HT20)---Low



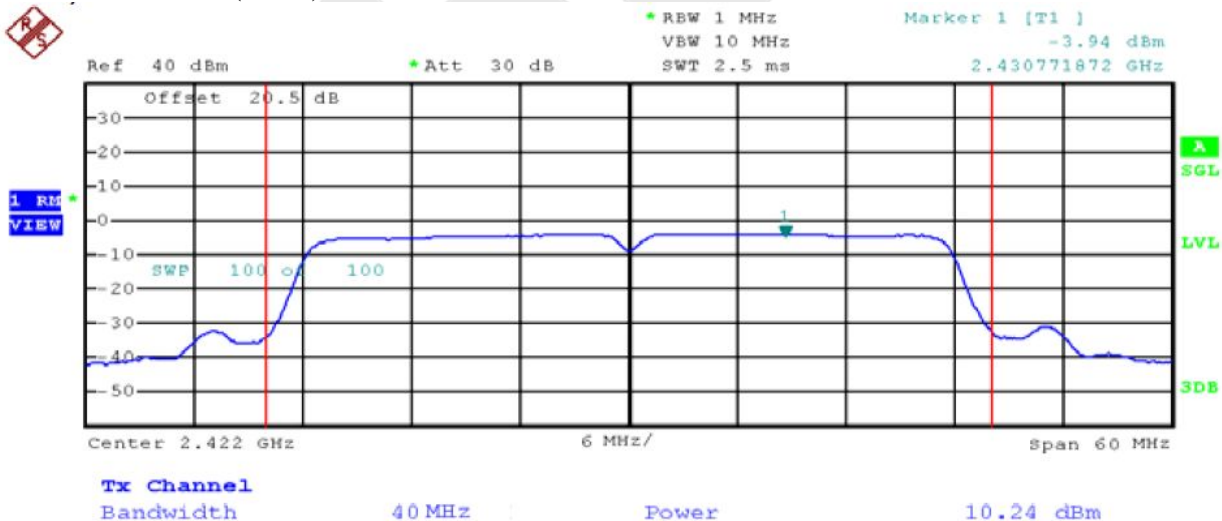
Test Mode: 802.11n(HT20)---Mid



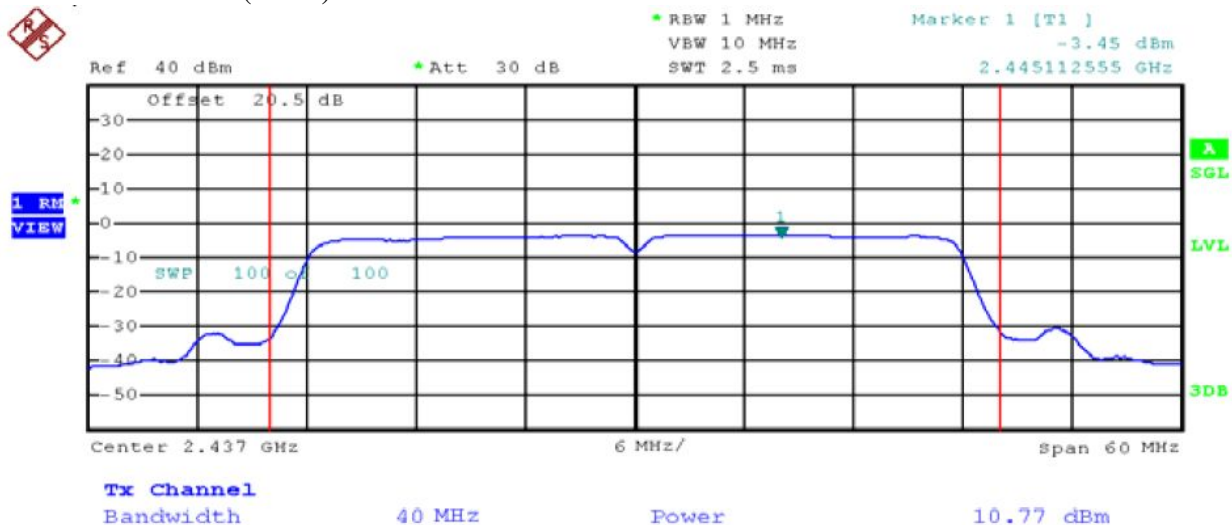
Test Mode: 802.11n(HT20)---High



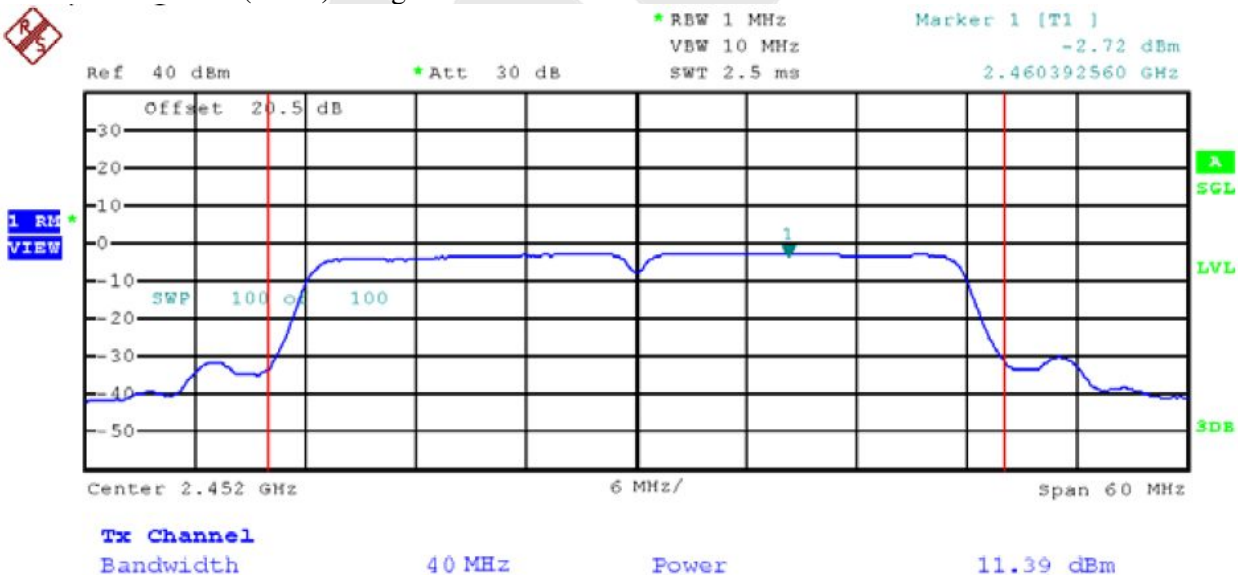
Test Mode: 802.11n(HT40)---Low



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).

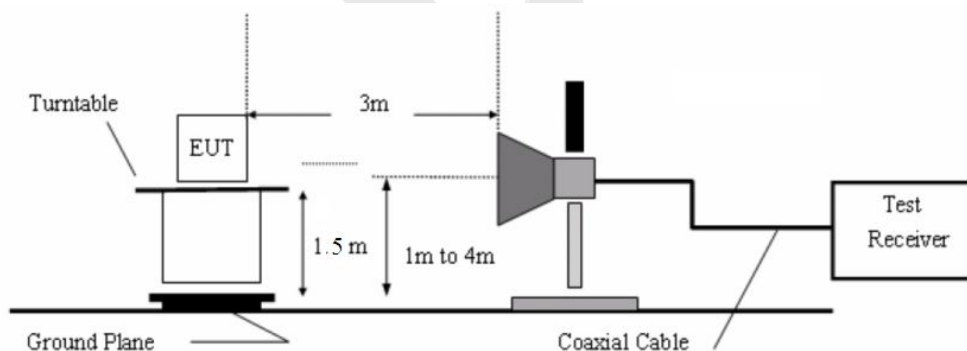
b. Test Procedure

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.

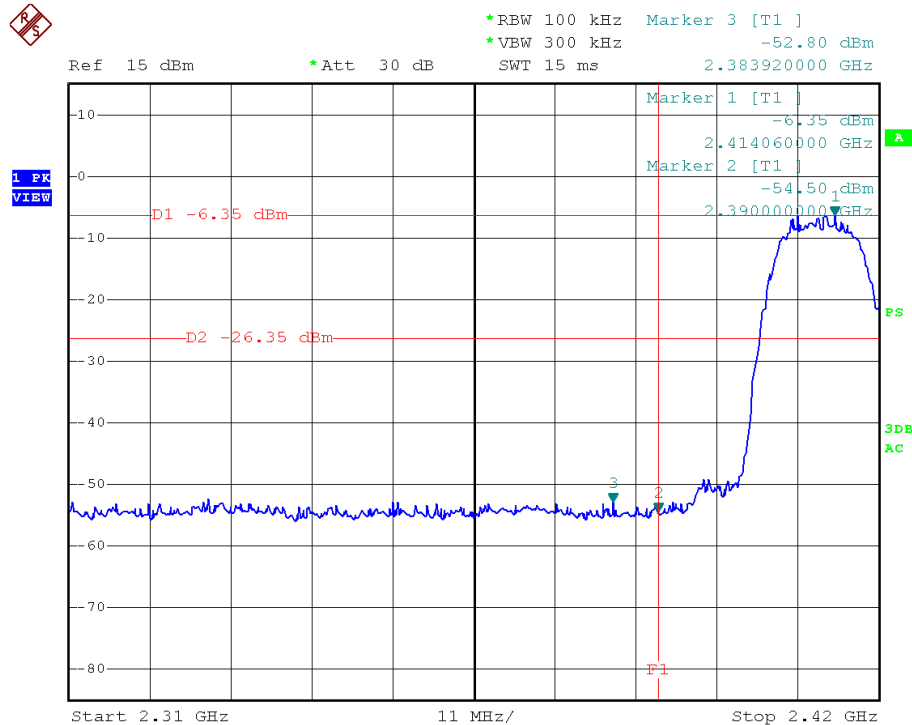
d. Test Results

Pass.

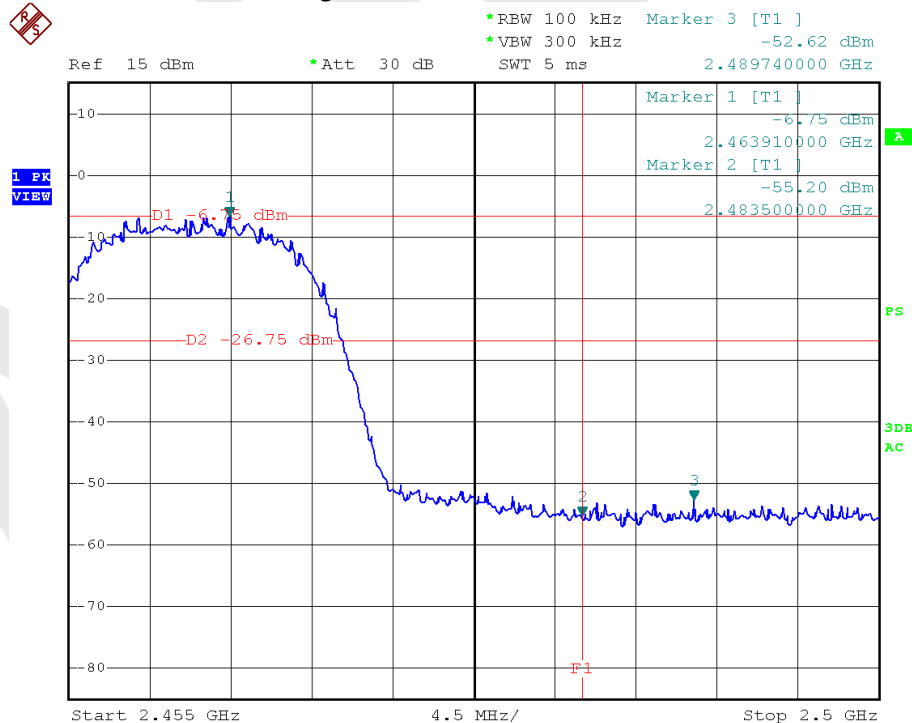
e. Test Plots

See the following page.

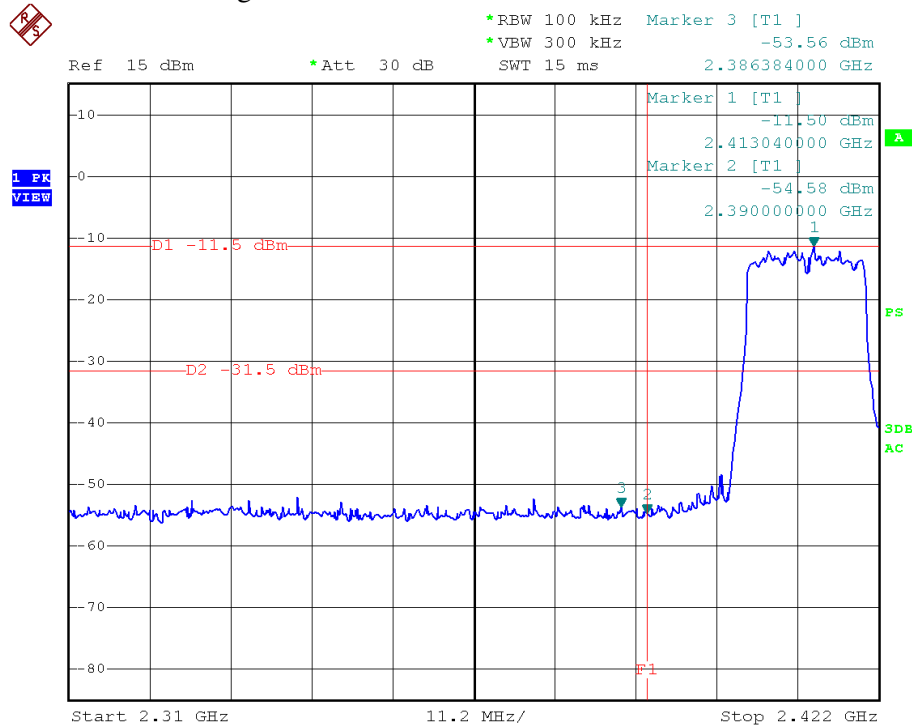
Test Mode: 802.11b ---Low



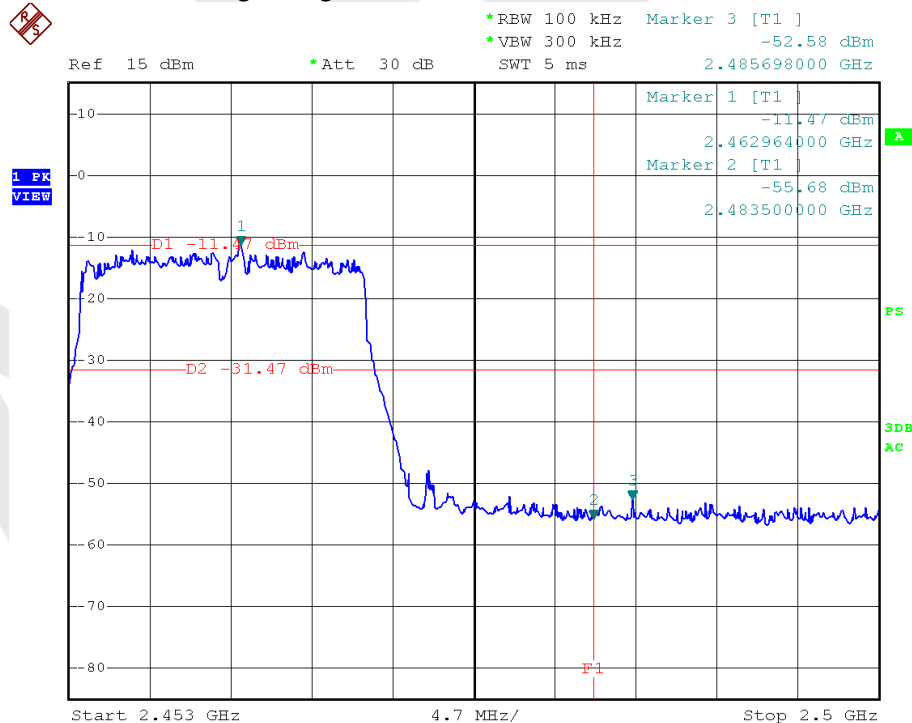
Test Mode: 802.11b ---High



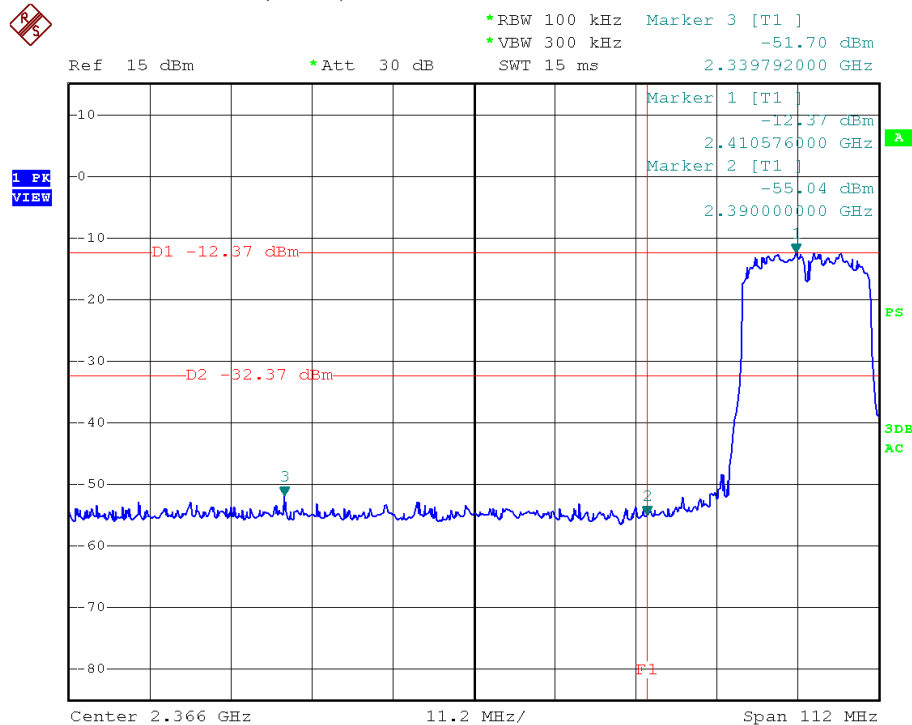
Test Mode: 802.11g ---Low



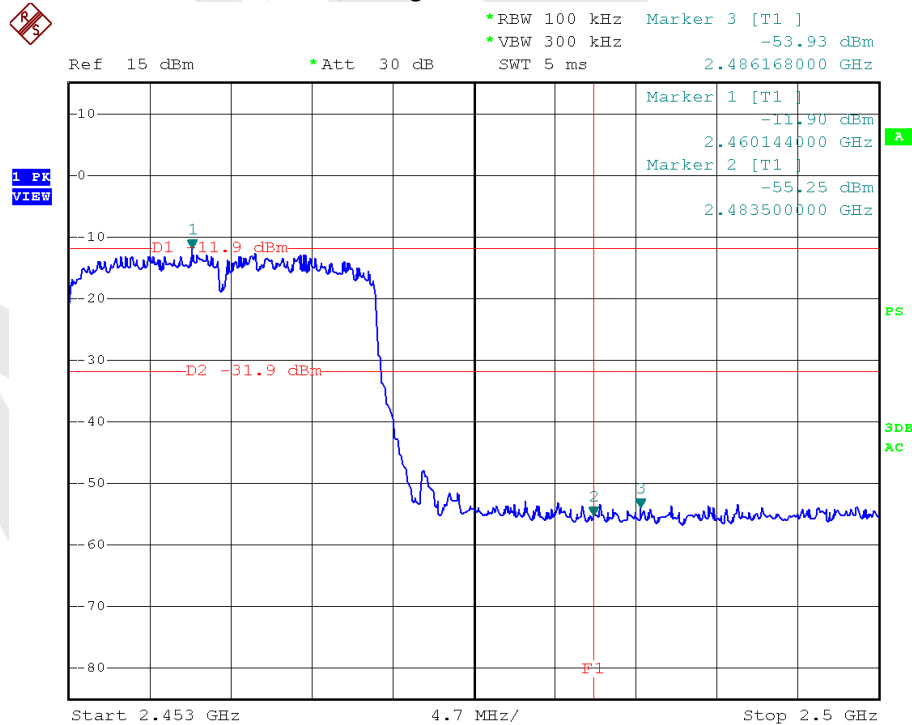
Test Mode: 802.11g ---High



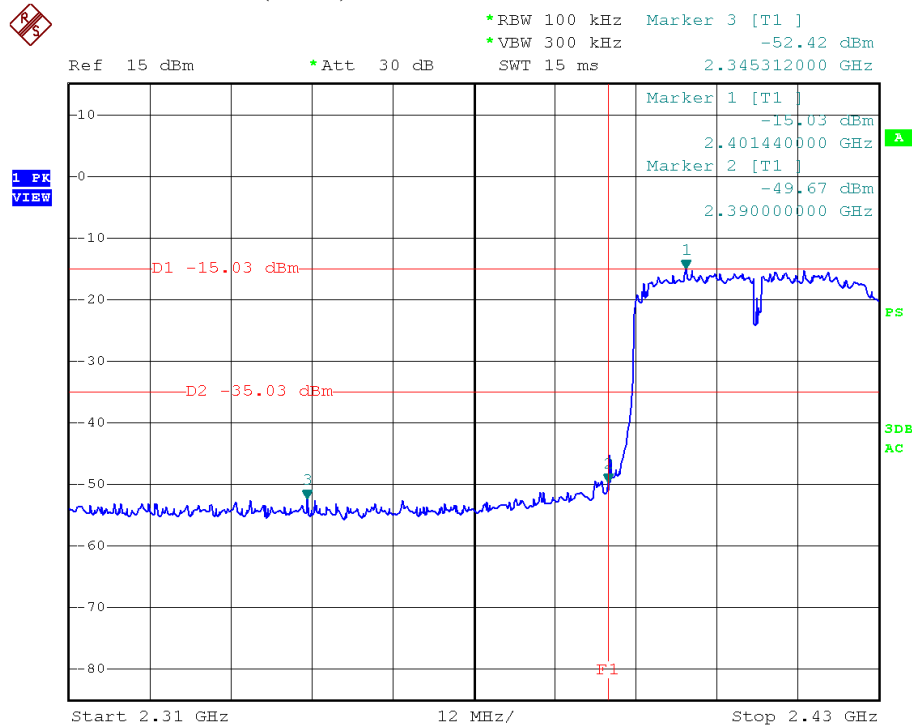
Test Mode: 802.11n (HT20) ---Low



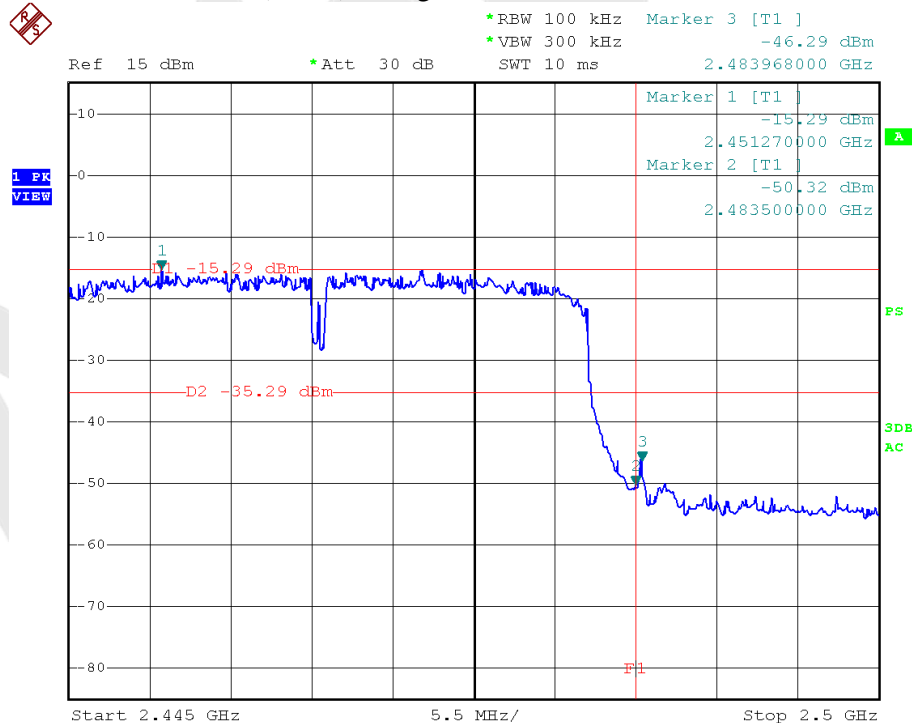
Test Mode: 802.11n (HT20)---High



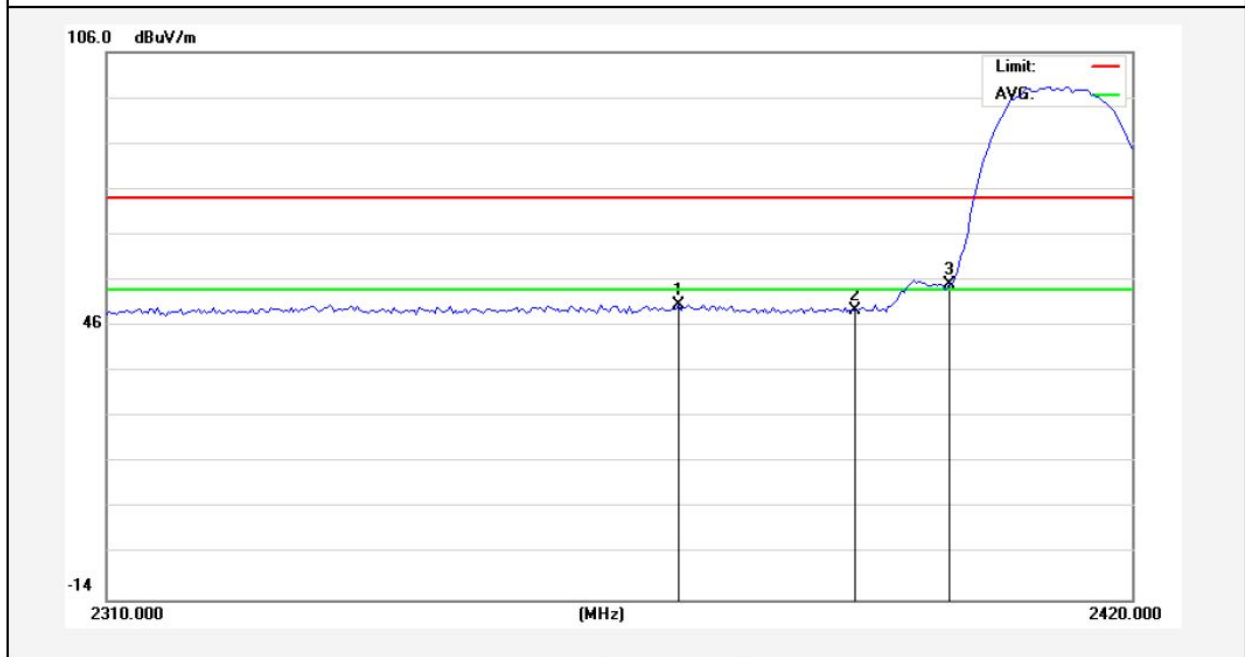
Test Mode: 802.11n (HT40) ---Low



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



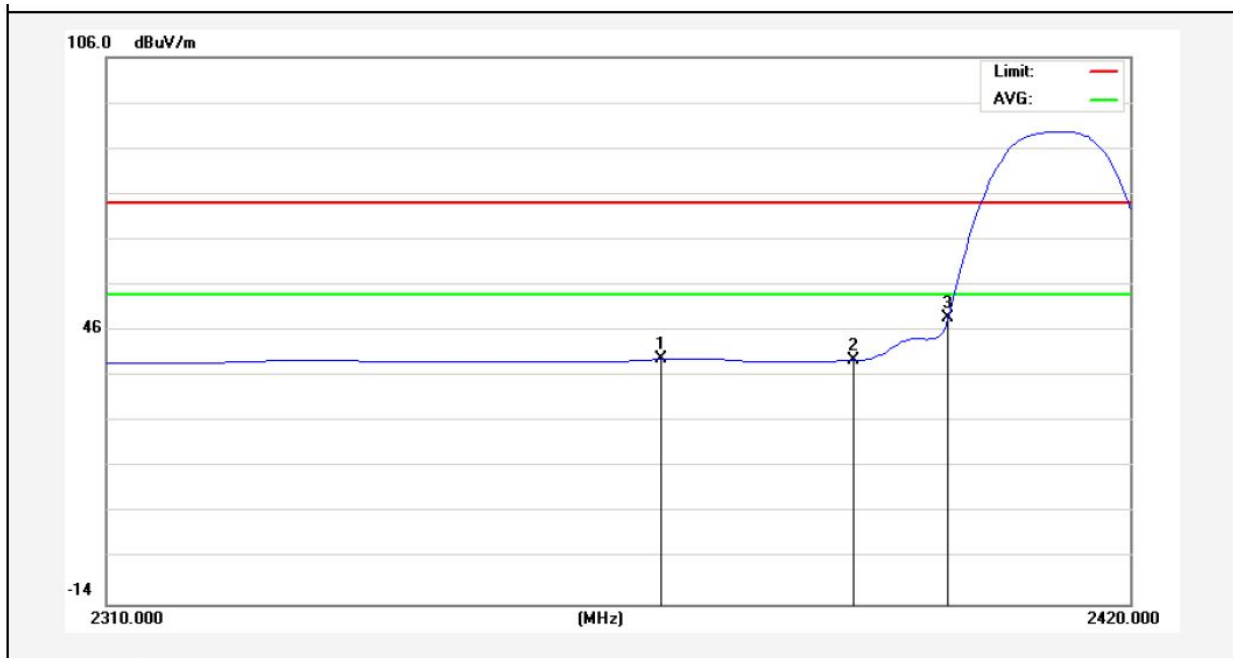
Test Mode: 802.11b
2412MHz
Horizontal-PEAK:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2370.775	53.31	-2.56	50.75	74.00	-23.25	peak			
2	2390.000	52.05	-2.51	49.54	74.00	-24.46	peak			
3	2400.000	57.54	-2.49	55.05	74.00	-18.95	peak			

Anbotek

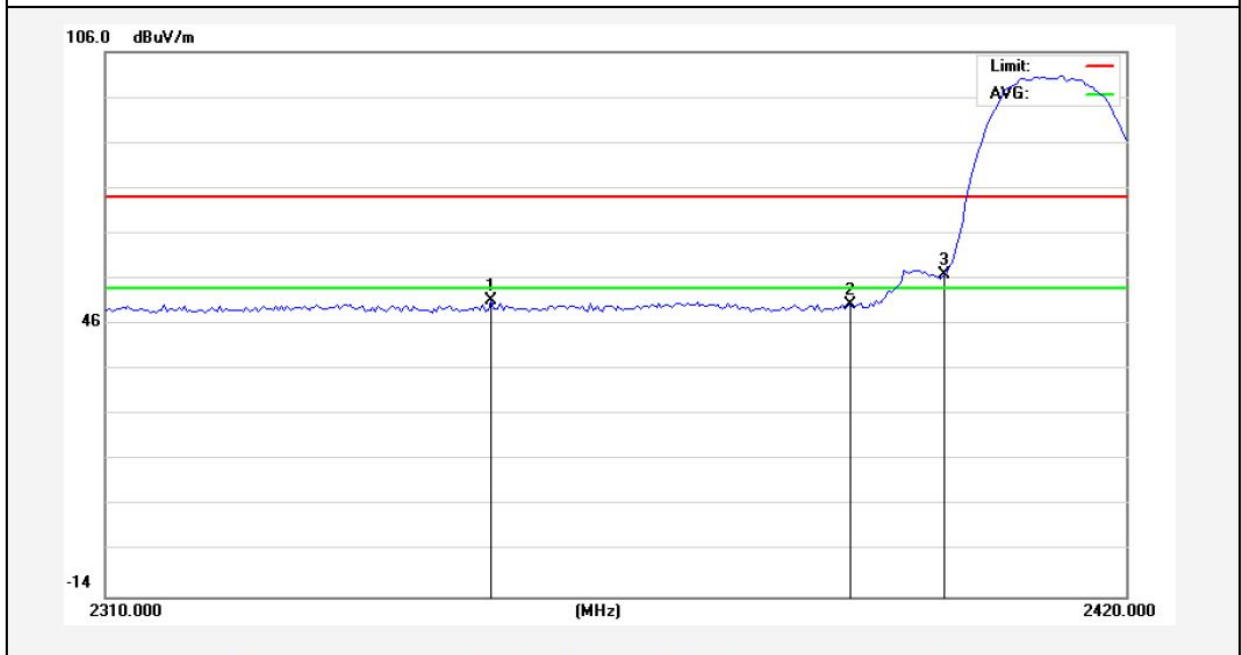
Horizontal-AV:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2369.125	42.37	-2.56	39.81	54.00	-14.19	AVG			
2	2390.000	42.03	-2.51	39.52	54.00	-14.48	AVG			
3	2400.000	51.21	-2.49	48.72	54.00	-5.28	AVG			

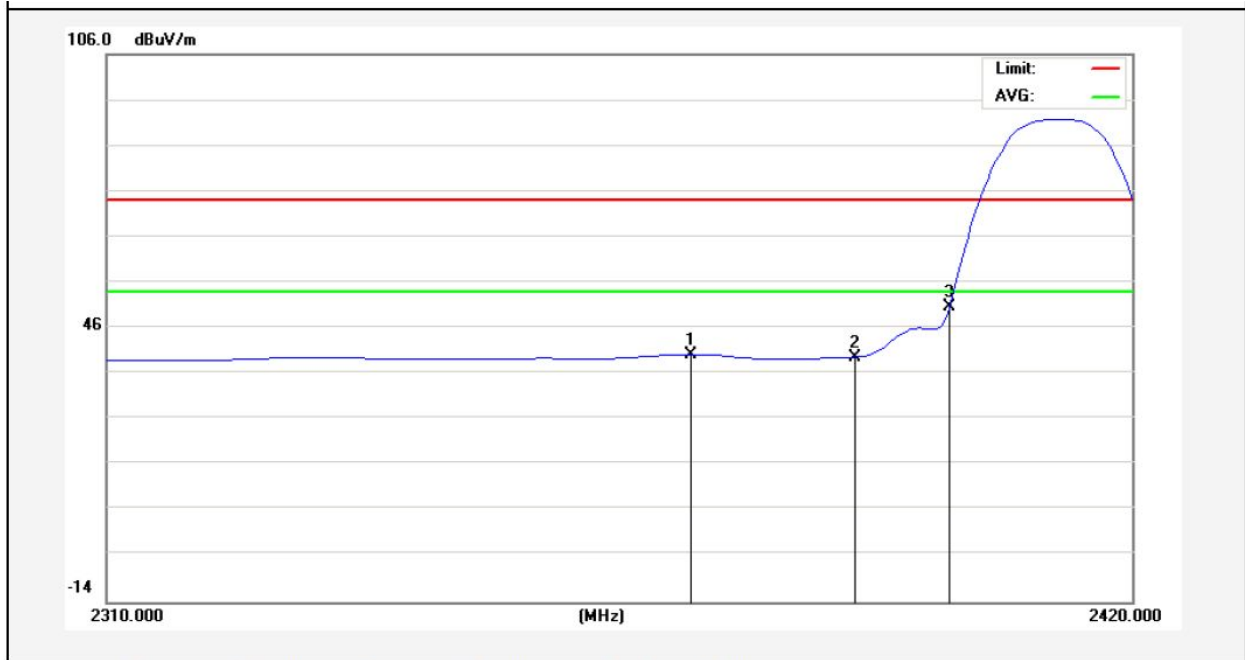
Anbotek

Test Mode: 802.11b
2412MHz
Vertical-PEAK:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2350.975	53.77	-2.60	51.17	74.00	-22.83	peak			
2	2390.000	52.85	-2.51	50.34	74.00	-23.66	peak			
3	2400.000	59.43	-2.49	56.94	74.00	-17.06	peak			

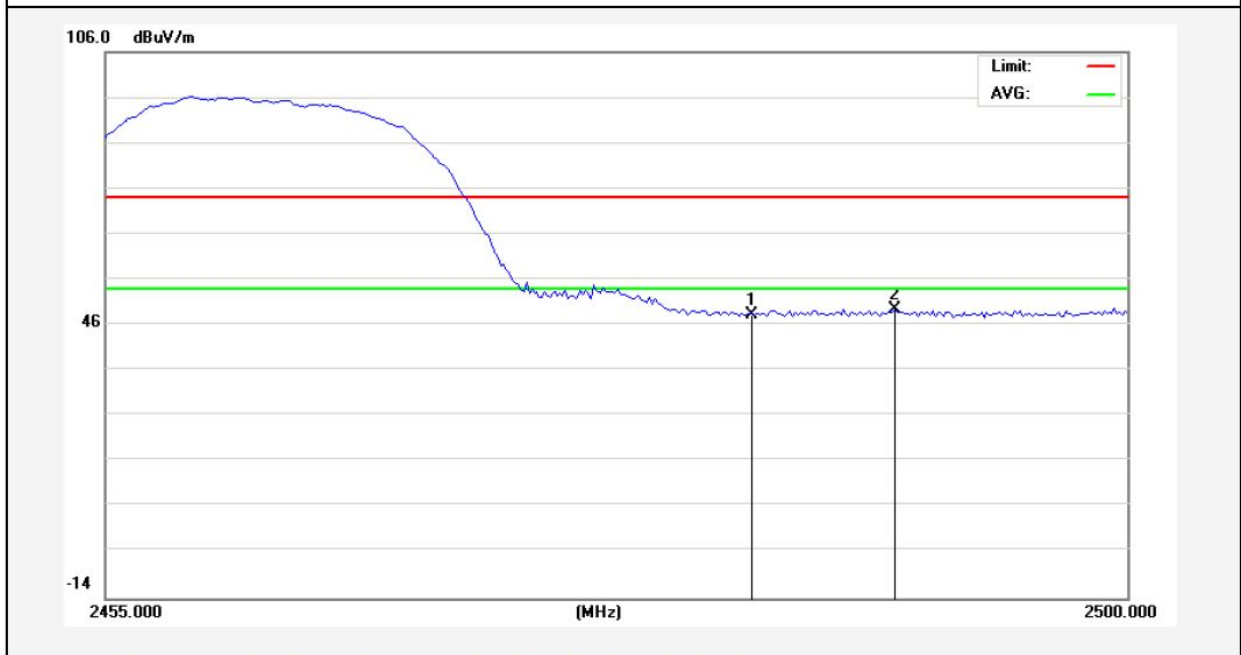
Vertical-AV:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2372.150	42.79	-2.55	40.24	54.00	-13.76	AVG			
2	2390.000	42.18	-2.51	39.67	54.00	-14.33	AVG			
3	2400.000	53.24	-2.49	50.75	54.00	-3.25	AVG			

Anbotek

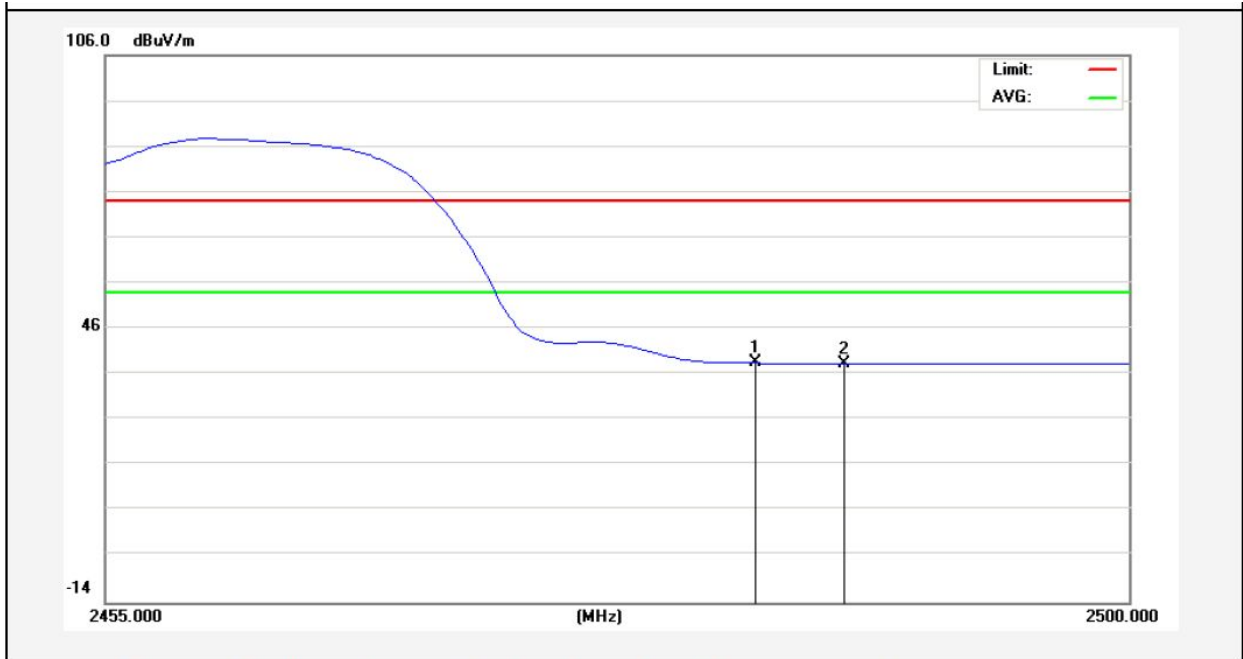
Test Mode: 802.11b
2462MHz
Horizontal-PEAK:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2483.500	50.50	-2.31	48.19	74.00	-25.81	peak			
2	2489.762	51.73	-2.29	49.44	74.00	-24.56	peak			

Anbotek

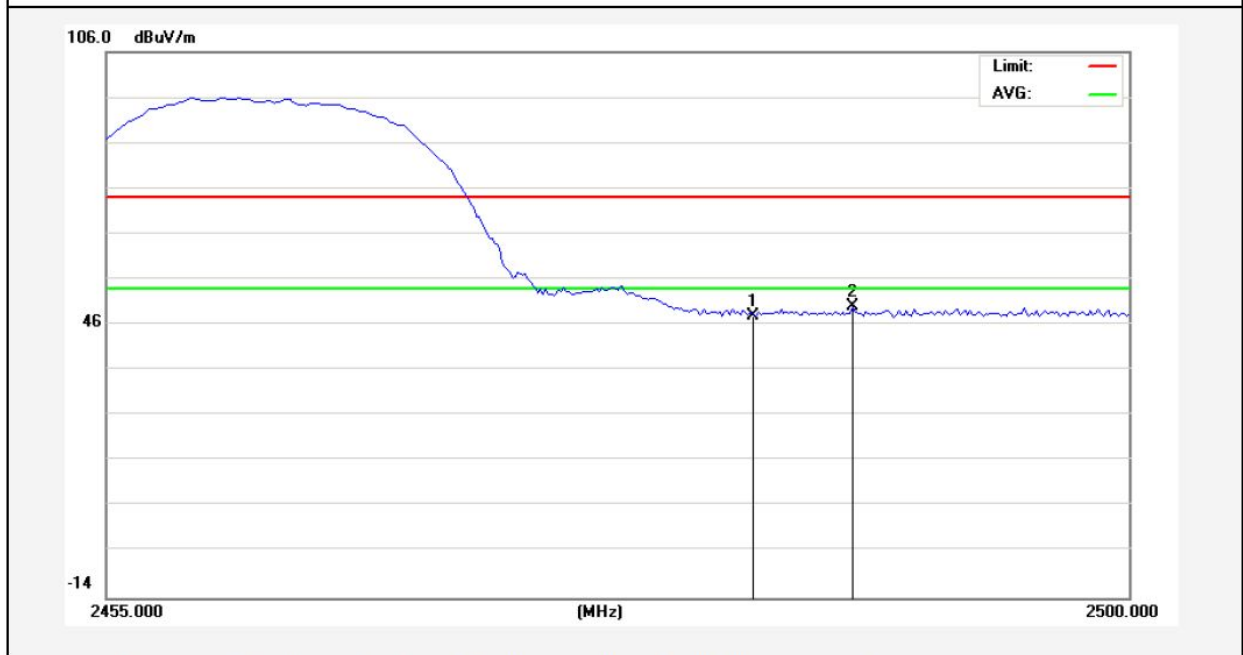
Horizontal-AV:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2483.500	40.82	-2.31	38.51	54.00	-15.49	AVG			
2	2487.512	40.61	-2.30	38.31	54.00	-15.69	AVG			

Anbotek

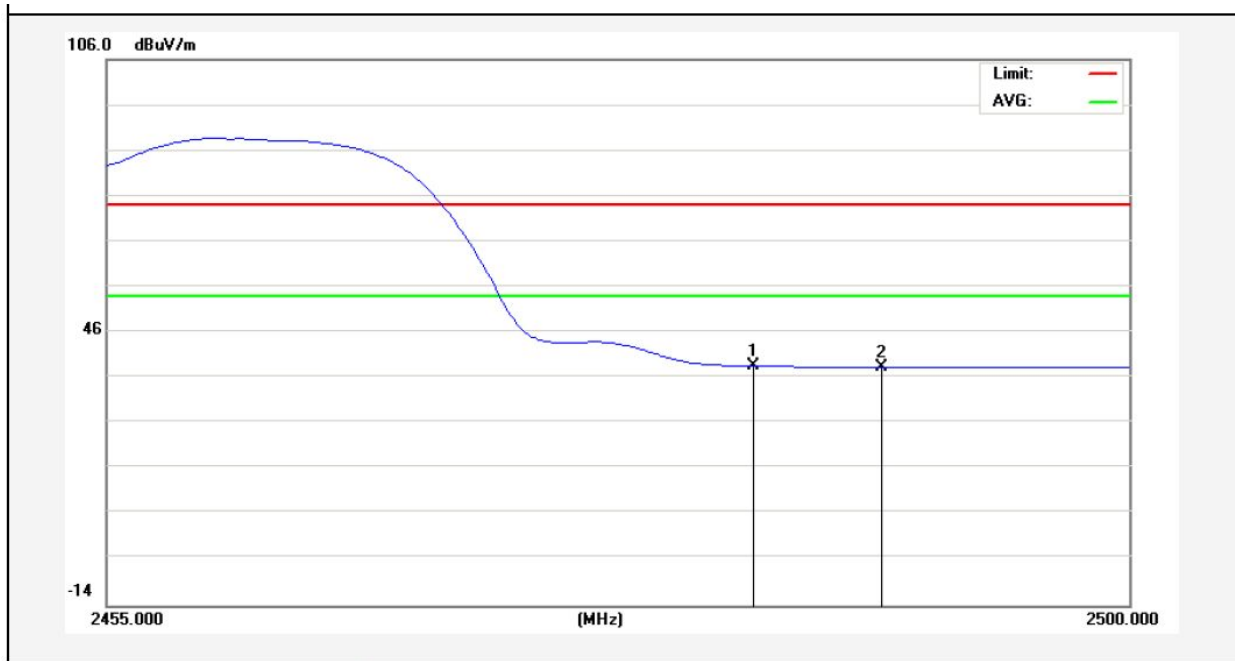
Test Mode: 802.11b
2462MHz
Vertical-PEAK:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2483.500	50.36	-2.31	48.05	74.00	-25.95	peak			
2	2487.850	52.40	-2.30	50.10	74.00	-23.90	peak			

Anbotek

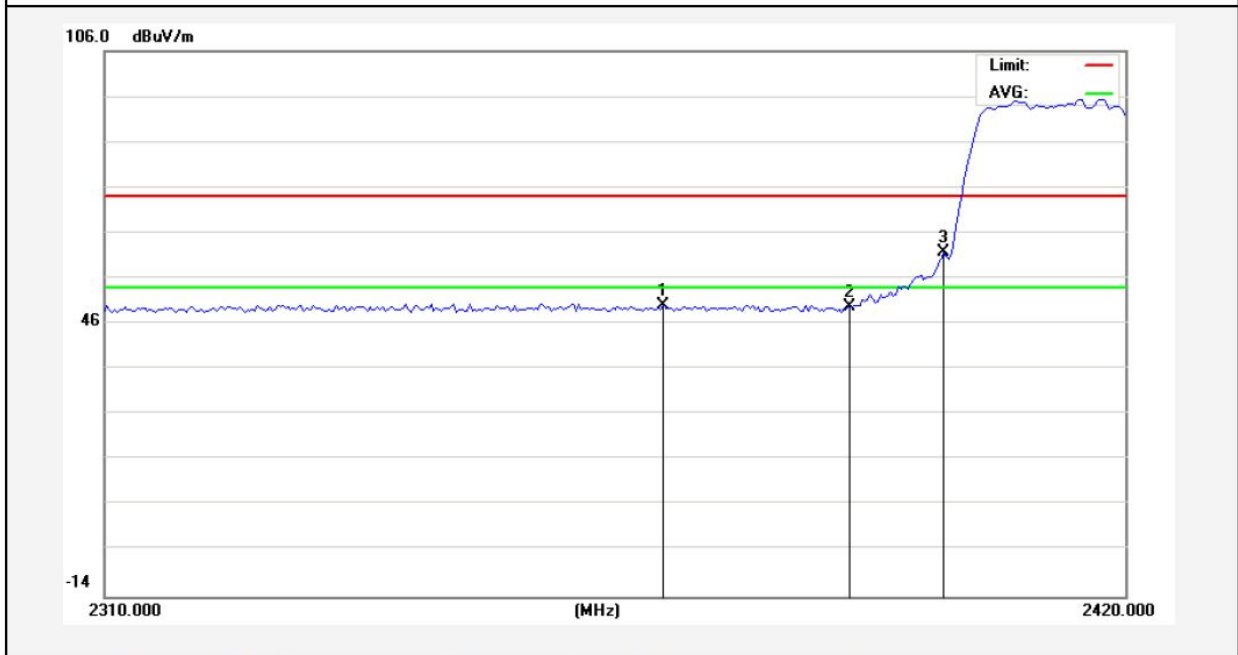
Vertical-AV:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2483.500	40.95	-2.31	38.64	54.00	-15.36	AVG			
2	2489.088	40.68	-2.29	38.39	54.00	-15.61	AVG			

Anbotek

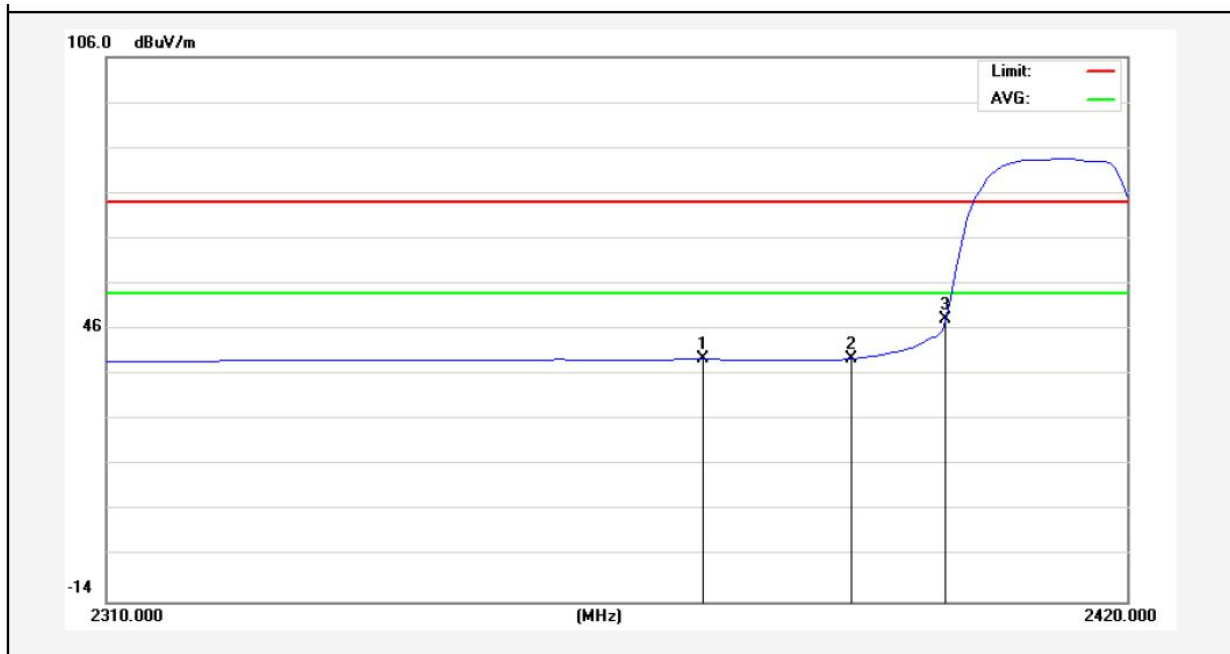
Test Mode: 802.11g
2412MHz
Horizontal-PEAK:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2369.675	52.68	-2.56	50.12	74.00	-23.88	peak			
2	2390.000	52.22	-2.51	49.71	74.00	-24.29	peak			
3	2400.000	64.36	-2.49	61.87	74.00	-12.13	peak			

Anbotek

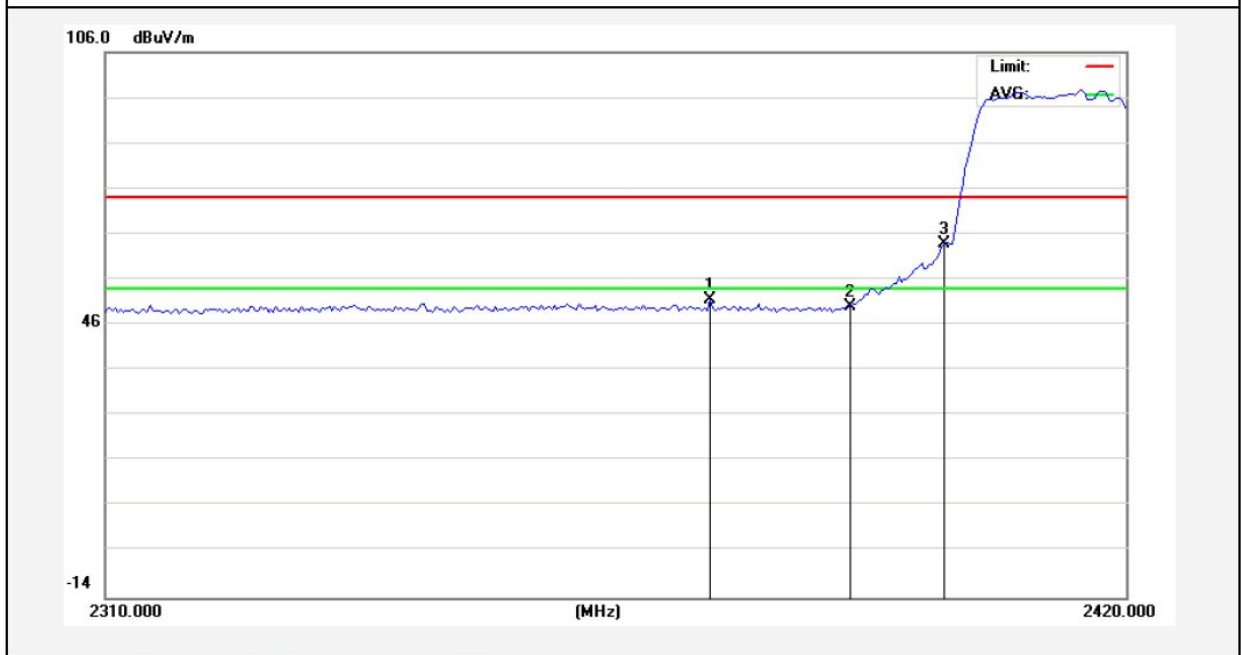
Horizontal-AV:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2373.800	42.03	-2.55	39.48	54.00	-14.52	AVG			
2	2390.000	42.04	-2.51	39.53	54.00	-14.47	AVG			
3	2400.000	50.65	-2.49	48.16	54.00	-5.84	AVG			

Anbotek

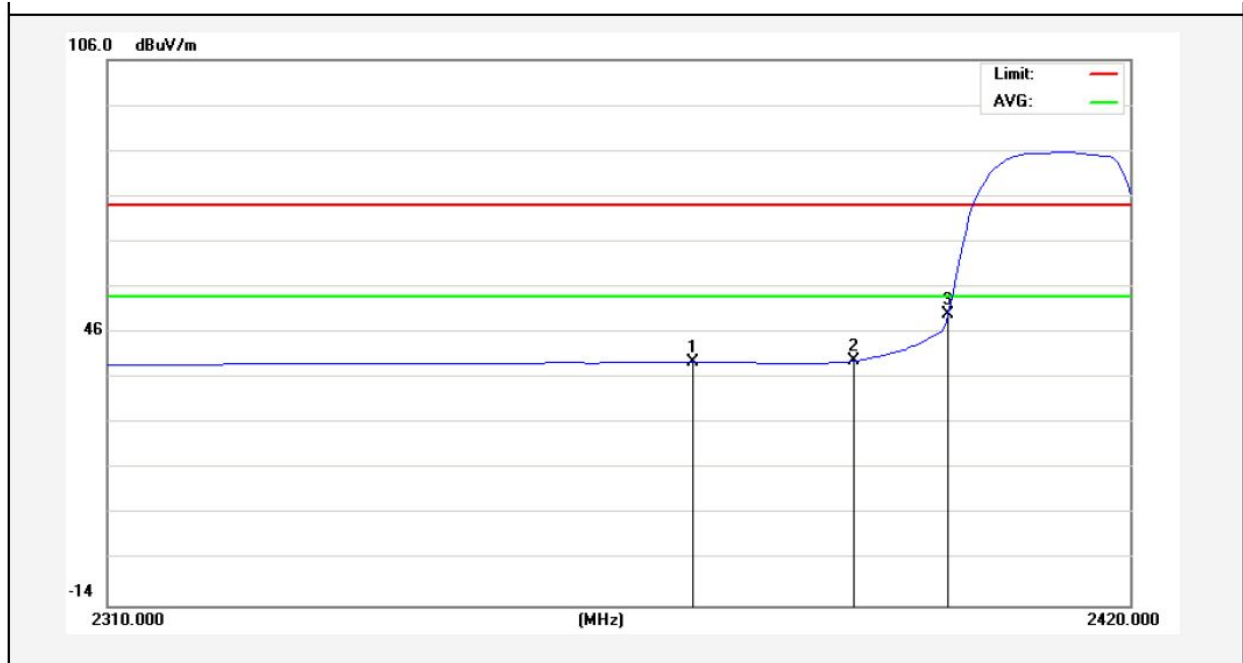
Test Mode: 802.11g
2412MHz
Vertical-PEAK:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2374.625	54.00	-2.55	51.45	74.00	-22.55	peak			
2	2390.000	52.44	-2.51	49.93	74.00	-24.07	peak			
3	2400.000	66.44	-2.49	63.95	74.00	-10.05	peak			

Anbotek

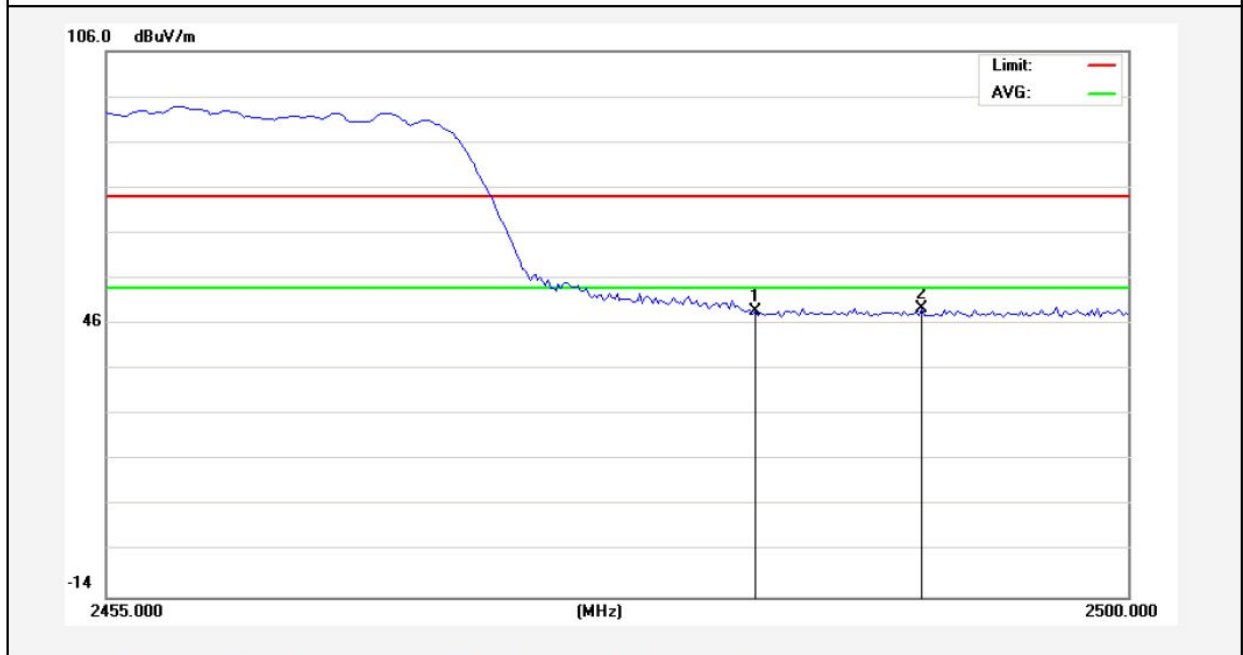
Vertical-AV:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	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			

Anbotek

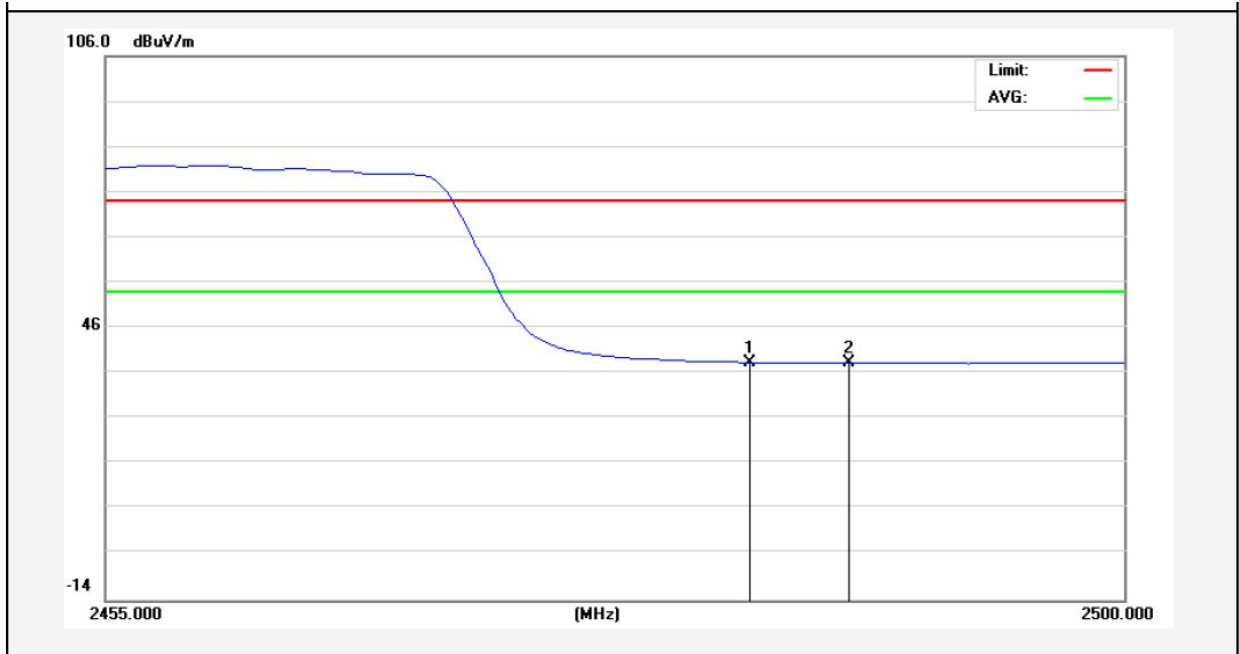
Test Mode: 802.11g
2462MHz
Horizontal-PEAK:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2483.500	51.19	-2.31	48.88	74.00	-25.12	peak			
2	2490.887	51.64	-2.29	49.35	74.00	-24.65	peak			

Anbotek

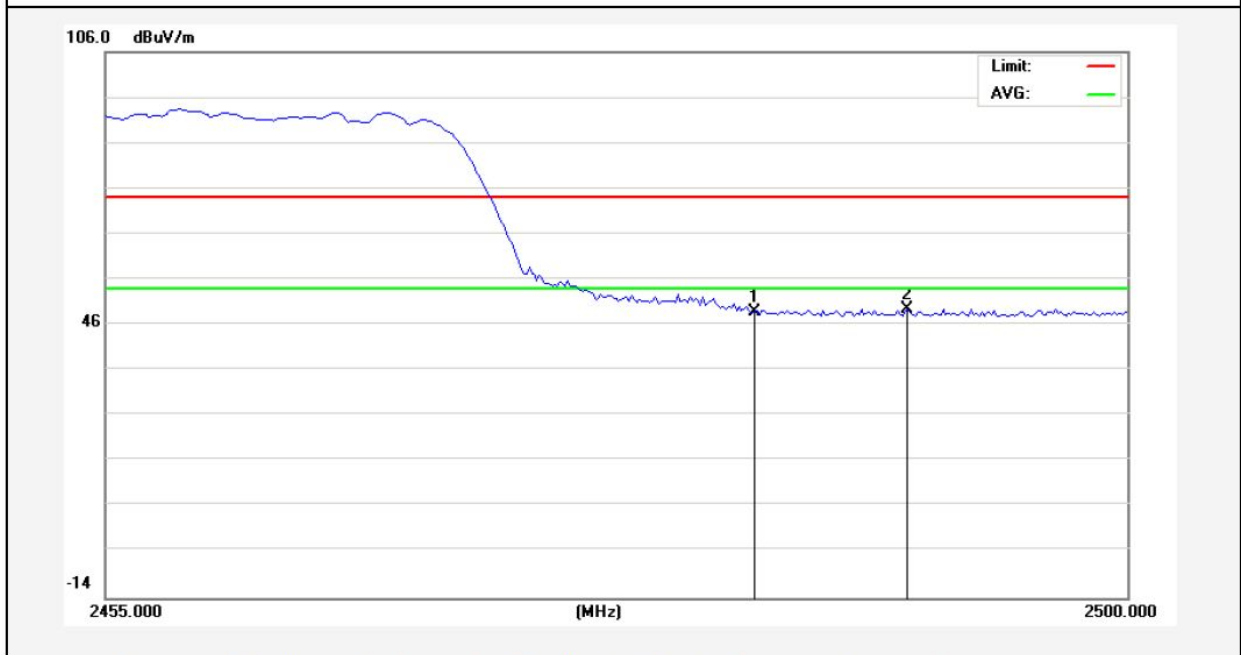
Horizontal-AV:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2483.500	40.71	-2.31	38.40	54.00	-15.60	AVG			
2	2487.850	40.56	-2.30	38.26	54.00	-15.74	AVG			

Anbotek

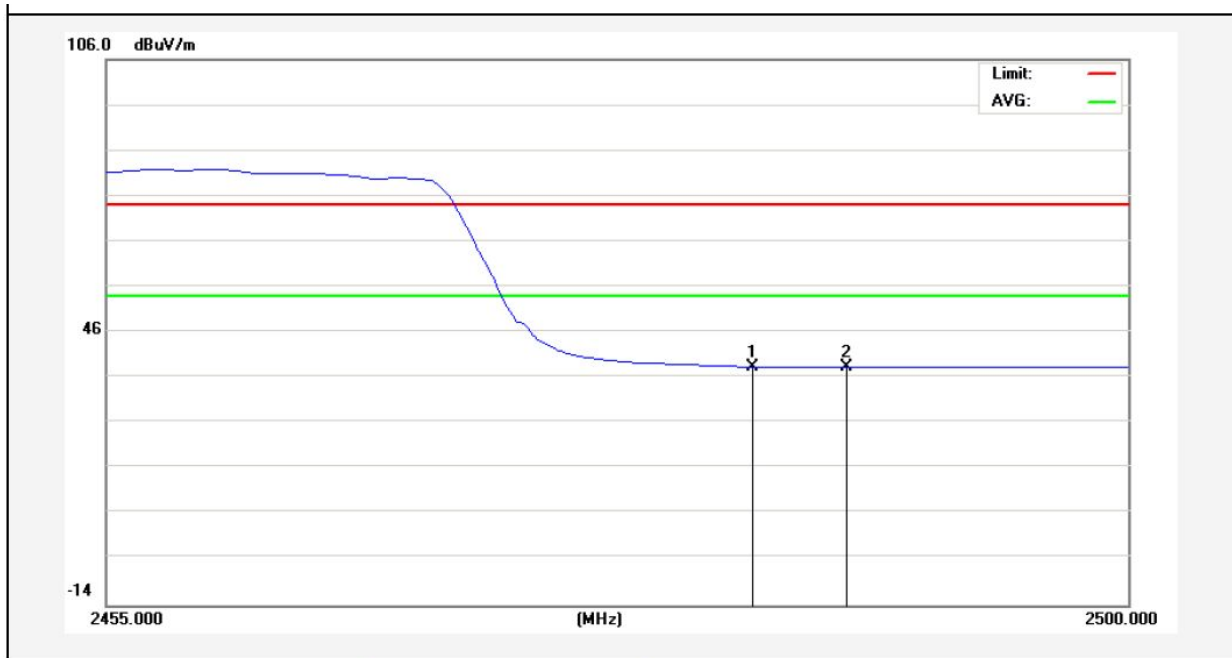
Test Mode: 802.11g
2462MHz
Vertical-PEAK:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2483.500	51.19	-2.31	48.88	74.00	-25.12	peak			
2	2490.325	51.89	-2.29	49.60	74.00	-24.40	peak			

Anbotek

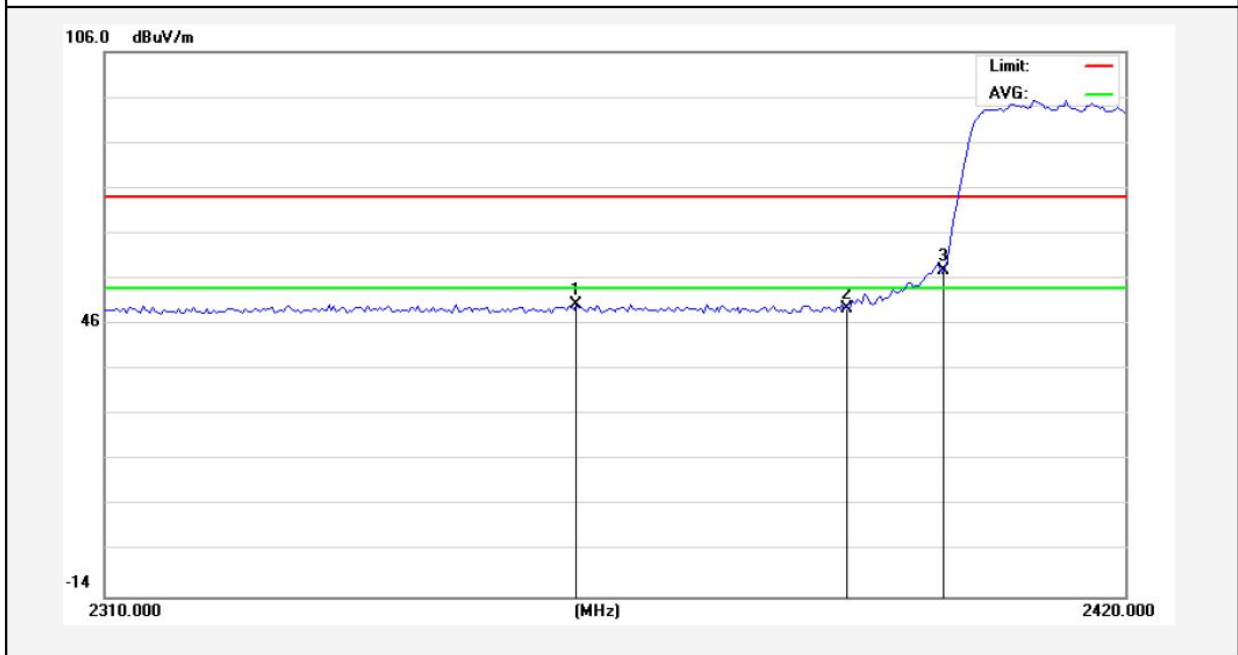
Vertical-AV:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2483.500	40.71	-2.31	38.40	54.00	-15.60	AVG			
2	2487.625	40.60	-2.30	38.30	54.00	-15.70	AVG			

Anbotek

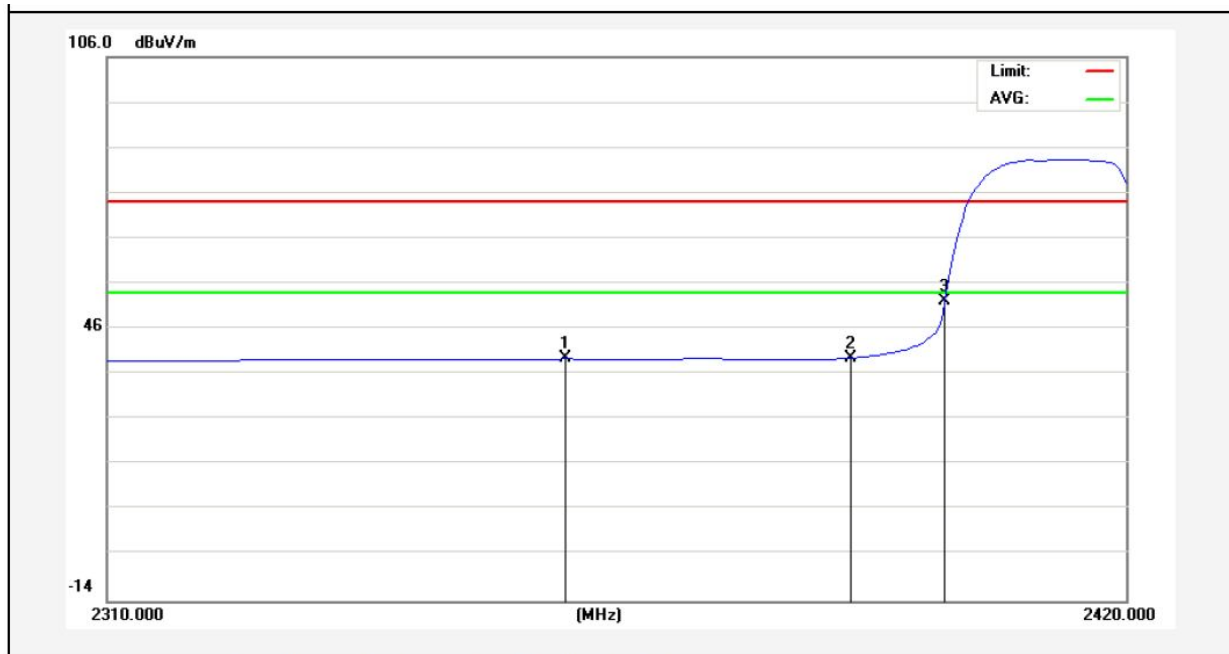
Test Mode: 802.11n (HT20)
2412MHz
Horizontal-PEAK:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2360.325	52.83	-2.58	50.25	74.00	-23.75	peak			
2	2390.000	51.90	-2.51	49.39	74.00	-24.61	peak			
3	2400.000	60.26	-2.49	57.77	74.00	-16.23	peak			

Anbotek

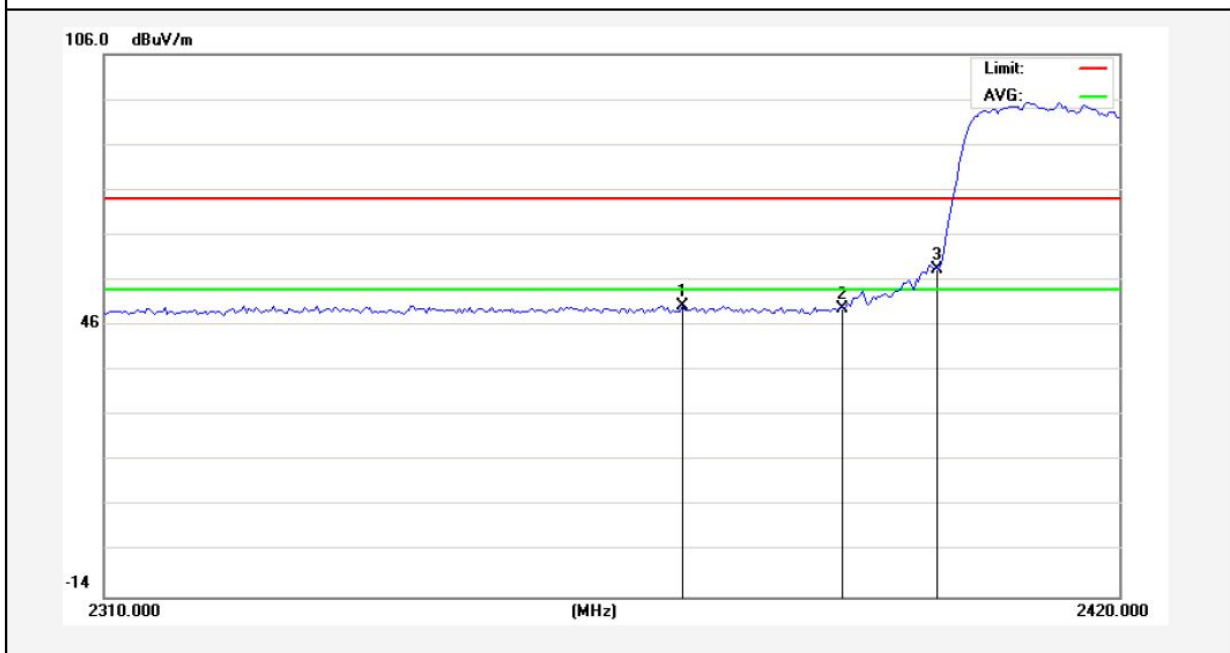
Horizontal-AV:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2358.950	42.00	-2.58	39.42	54.00	-14.58	AVG			
2	2390.000	42.06	-2.51	39.55	54.00	-14.45	AVG			
3	2400.000	54.63	-2.49	52.14	54.00	-1.86	AVG			

Anbotek

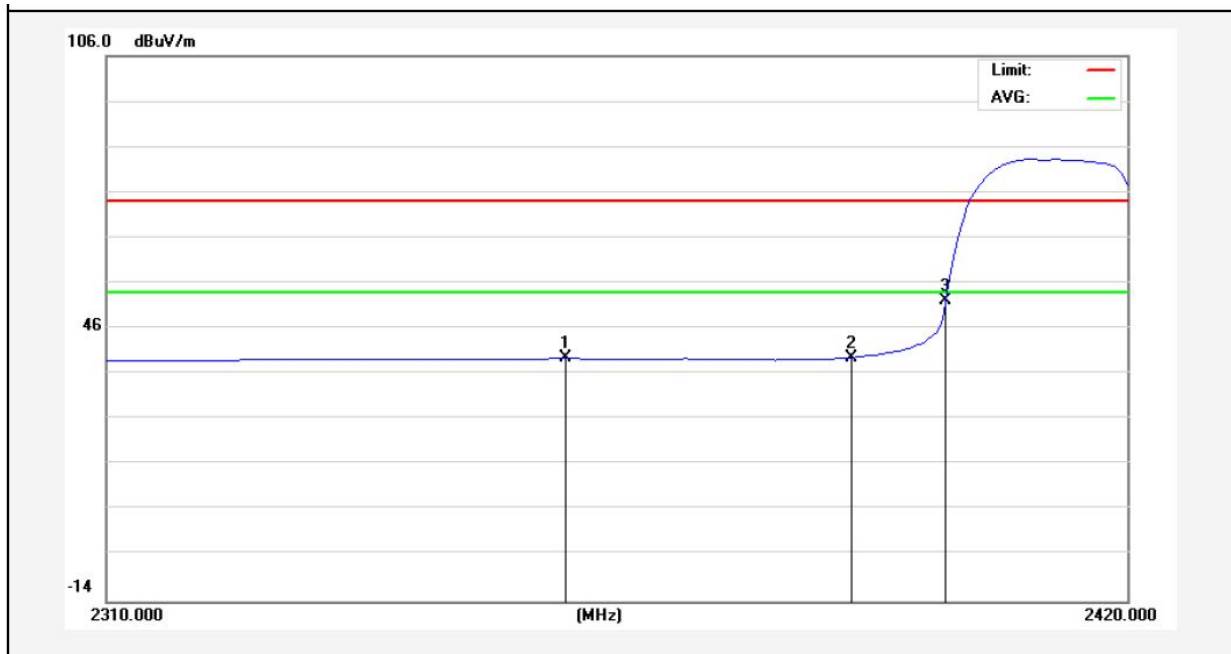
Test Mode: 802.11n (HT20)
2412MHz
Vertical-PEAK:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2372.150	52.92	-2.55	50.37	74.00	-23.63	peak			
2	2390.000	52.37	-2.51	49.86	74.00	-24.14	peak			
3	2400.000	60.99	-2.49	58.50	74.00	-15.50	peak			

Anbotek

Vertical-AV:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	2358.950	42.17	-2.58	39.59	54.00	-14.41	AVG			
2	2390.000	42.11	-2.51	39.60	54.00	-14.40	AVG			
3	2400.000	54.58	-2.49	52.09	54.00	-1.91	AVG			

Anbotek