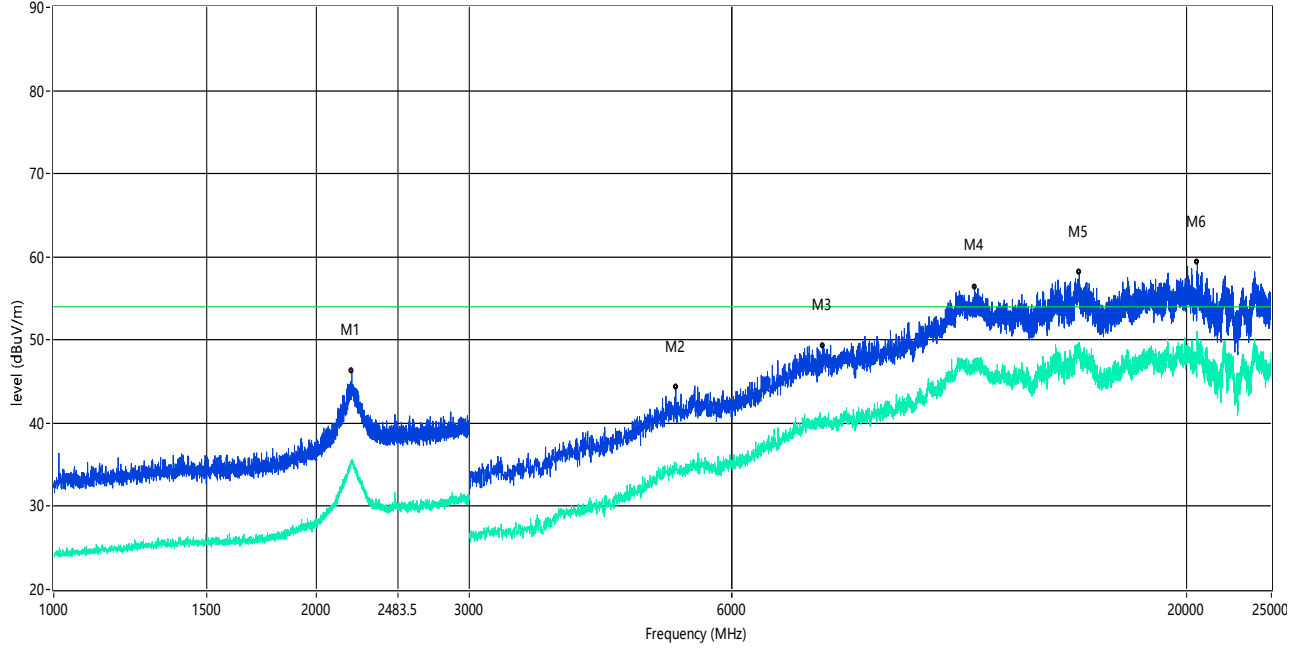




802.11n(HT40) Middle Channel

Temperature:	21.7°C	Relative Humidity:	68%
Pressure:	1010hPa	Phase:	Horizontal

RE\_FCC Test Case\_FCC 15C 1GHz-25GHz

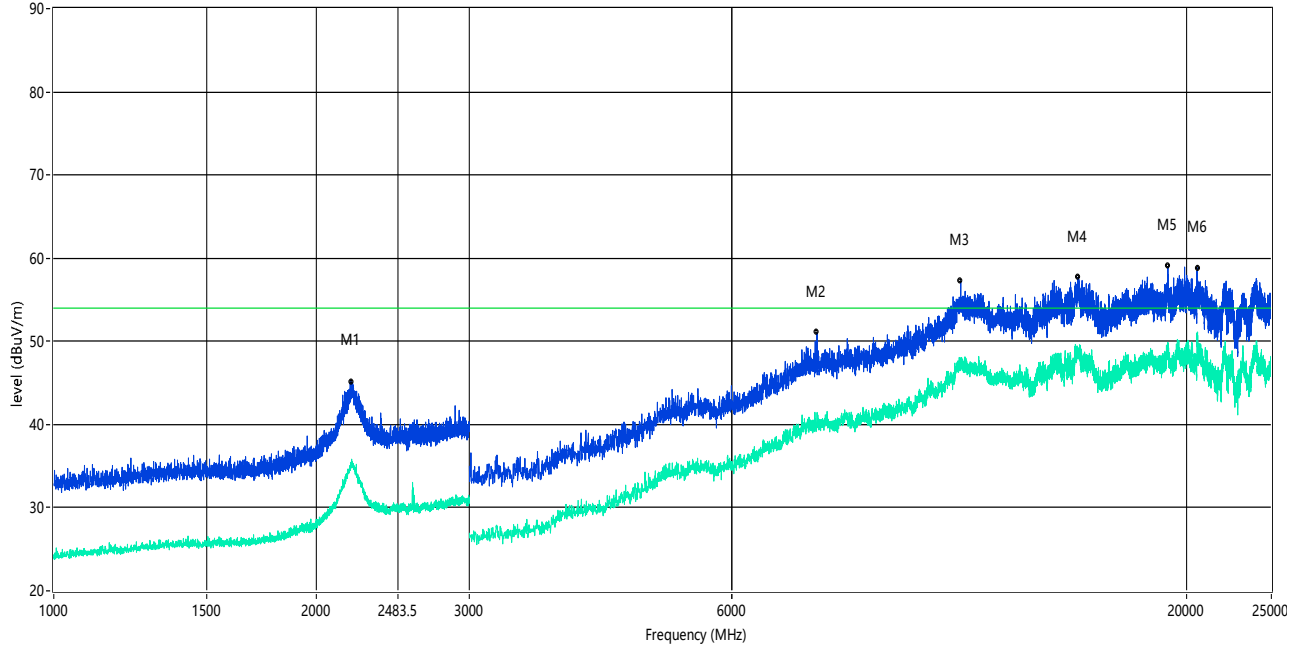


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	OverLimit (dB)	Detector	ANT	Verdict
1**	2199.000	35.34	-7.26	54.0	-18.66	AV	H	Pass
1	2199.000	46.28	-7.26	74.0	-27.72	Peak	H	Pass
2**	5177.500	34.59	-1.83	54.0	-19.41	AV	H	Pass
2	5177.500	44.34	-1.83	74.0	-29.66	Peak	H	Pass
3**	7637.500	40.06	4.83	54.0	-13.94	AV	H	Pass
3	7637.500	49.32	4.83	74.0	-24.68	Peak	H	Pass
4**	11407.500	46.04	10.87	54.0	-7.96	AV	H	Pass
4	11407.500	56.42	10.87	74.0	-17.58	Peak	H	Pass
5**	15042.500	48.80	11.66	54.0	-5.20	AV	H	Pass
5	15042.500	58.10	11.66	74.0	-15.90	Peak	H	Pass
6**	20556.751	50.31	14.11	54.0	-3.69	AV	H	Pass
6	20556.751	59.38	14.11	74.0	-14.62	Peak	H	Pass



Temperature:	21.7°C	Relative Humidity:	68%
Pressure:	1010hPa	Phase:	Vertical

RE\_FCC Test Case\_FCC 15C 1GHz-25GHz



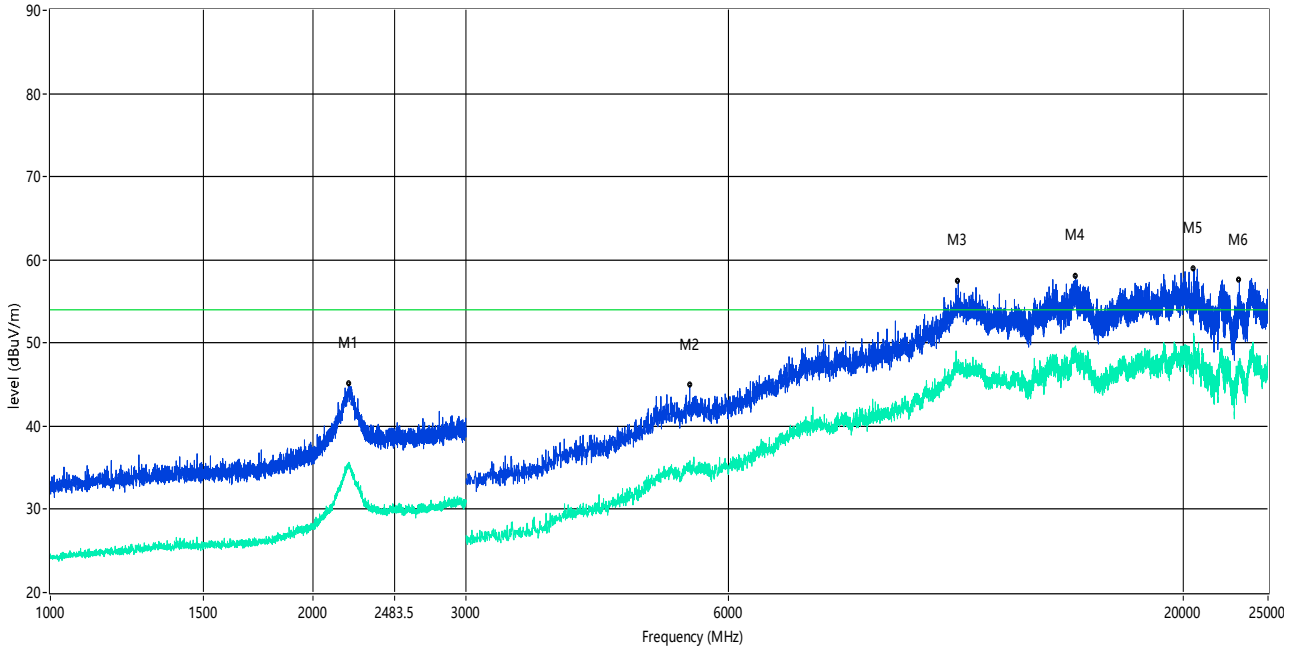
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	OverLimit (dB)	Detector	ANT	Verdict
1**	2194.000	35.16	-7.53	54.0	-18.84	AV	V	Pass
1	2194.000	45.16	-7.53	74.0	-28.84	Peak	V	Pass
2**	7520.000	40.54	4.57	54.0	-13.46	AV	V	Pass
2	7520.000	51.07	4.57	74.0	-22.93	Peak	V	Pass
3**	10997.500	47.51	10.96	54.0	-6.49	AV	V	Pass
3	10997.500	57.27	10.96	74.0	-16.73	Peak	V	Pass
4**	14992.500	48.11	12.37	54.0	-5.89	AV	V	Pass
4	14992.500	57.70	12.37	74.0	-16.30	Peak	V	Pass
5**	19016.749	49.20	15.25	54.0	-4.80	AV	V	Pass
5	19016.749	59.00	15.25	74.0	-15.00	Peak	V	Pass
6**	20563.751	49.72	14.12	54.0	-4.28	AV	V	Pass
6	20563.751	58.81	14.12	74.0	-15.19	Peak	V	Pass



802.11n(HT40) High Channel

Temperature:	21.7°C	Relative Humidity:	68%
Pressure:	1010hPa	Phase:	Horizontal

RE\_FCC Test Case\_FCC 15C 1GHz-25GHz

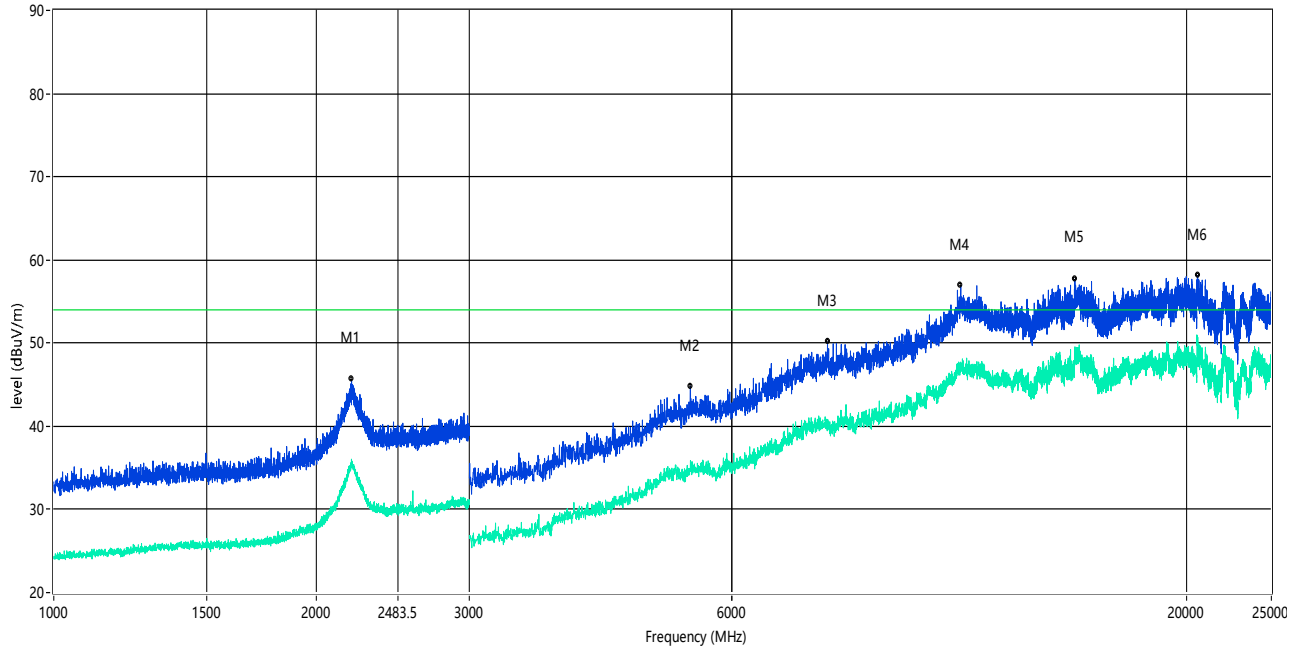


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	OverLimit (dB)	Detector	ANT	Verdict
1**	2204.000	35.18	-7.40	54.0	-18.82	AV	H	Pass
1	2204.000	45.03	-7.40	74.0	-28.97	Peak	H	Pass
2**	5420.000	34.96	-1.38	54.0	-19.04	AV	H	Pass
2	5420.000	44.92	-1.38	74.0	-29.08	Peak	H	Pass
3**	11022.500	48.03	10.87	54.0	-5.97	AV	H	Pass
3	11022.500	57.45	10.87	74.0	-16.55	Peak	H	Pass
4**	15033.750	49.04	11.80	54.0	-4.96	AV	H	Pass
4	15033.750	58.03	11.80	74.0	-15.97	Peak	H	Pass
5**	20539.251	50.27	14.09	54.0	-3.73	AV	H	Pass
5	20539.251	58.90	14.09	74.0	-15.10	Peak	H	Pass
6**	23179.999	46.71	15.08	54.0	-7.29	AV	H	Pass
6	23179.999	57.55	15.08	74.0	-16.45	Peak	H	Pass



Temperature:	21.7°C	Relative Humidity:	68%
Pressure:	1010hPa	Phase:	Vertical

RE\_FCC Test Case\_FCC 15C 1GHz-25GHz

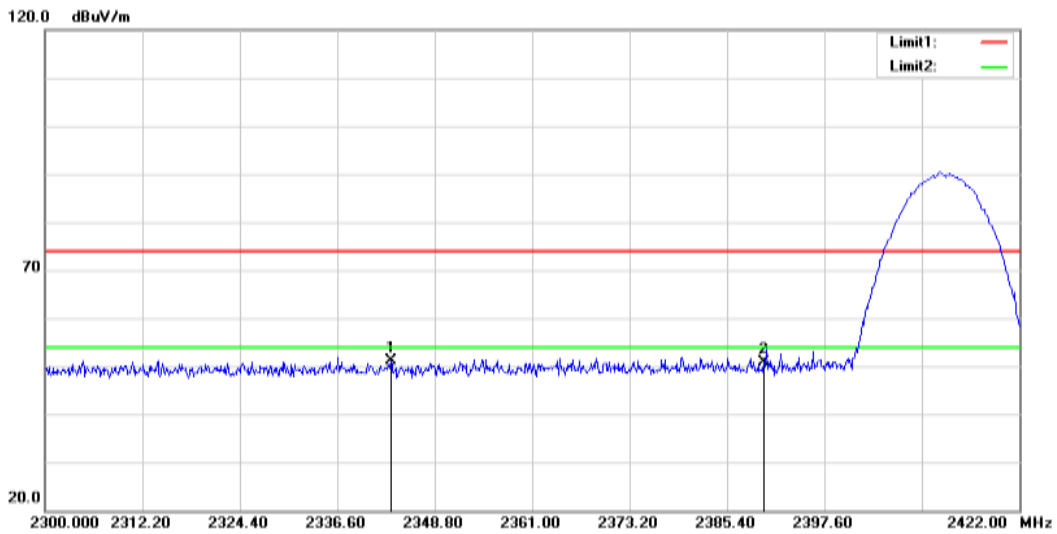


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	OverLimit (dB)	Detector	ANT	Verdict
1**	2197.500	35.01	-7.34	54.0	-18.99	AV	V	Pass
1	2197.500	45.69	-7.34	74.0	-28.31	Peak	V	Pass
2**	5382.500	35.88	-1.47	54.0	-18.12	AV	V	Pass
2	5382.500	44.81	-1.47	74.0	-29.19	Peak	V	Pass
3**	7732.500	40.36	4.71	54.0	-13.64	AV	V	Pass
3	7732.500	50.13	4.71	74.0	-23.87	Peak	V	Pass
4**	10997.500	47.50	10.96	54.0	-6.50	AV	V	Pass
4	10997.500	56.89	10.96	74.0	-17.11	Peak	V	Pass
5**	14871.250	47.96	12.25	54.0	-6.04	AV	V	Pass
5	14871.250	57.65	12.25	74.0	-16.35	Peak	V	Pass
6**	20572.500	49.62	14.13	54.0	-4.38	AV	V	Pass
6	20572.500	58.12	14.13	74.0	-15.88	Peak	V	Pass



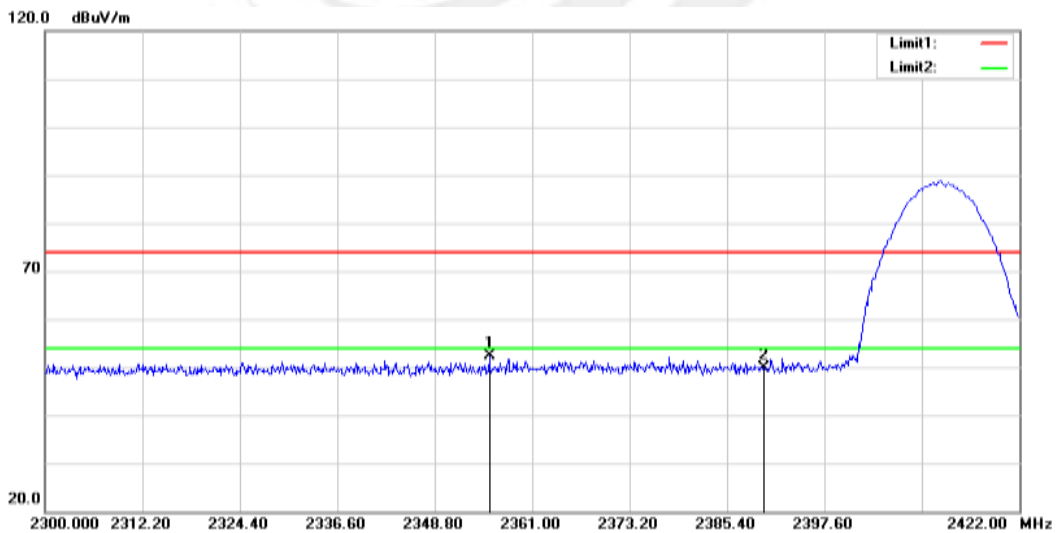
3.3.7 TEST RESULTS (RESTRICTED BAND)

802.11b Low Channel  
Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2343.310	24.03	27.07	51.10	74.00	-22.90	peak
2	2390.000	23.71	27.23	50.94	74.00	-23.06	peak

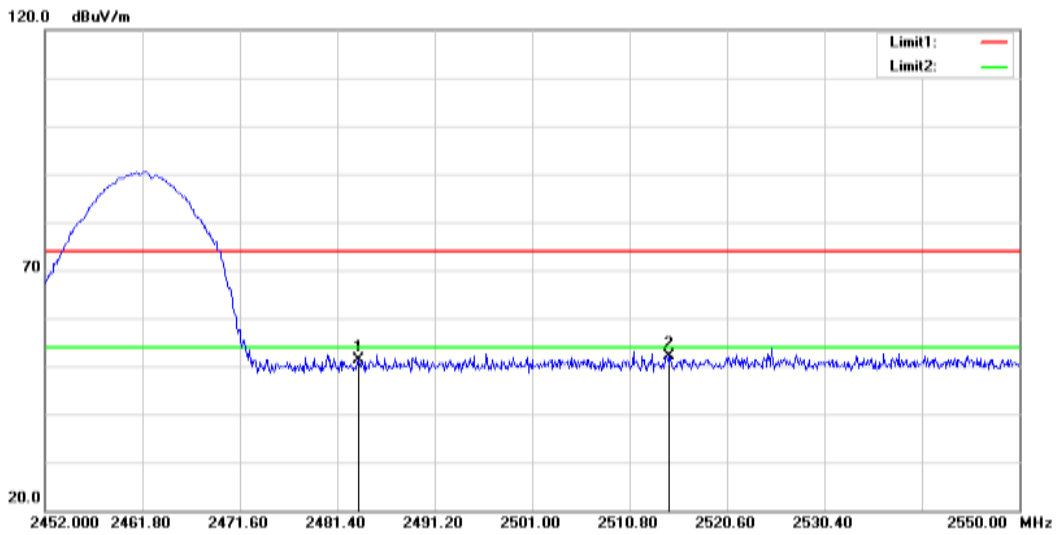
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2355.632	25.32	27.11	52.43	74.00	-21.57	peak
2	2390.000	22.60	27.23	49.83	74.00	-24.17	peak

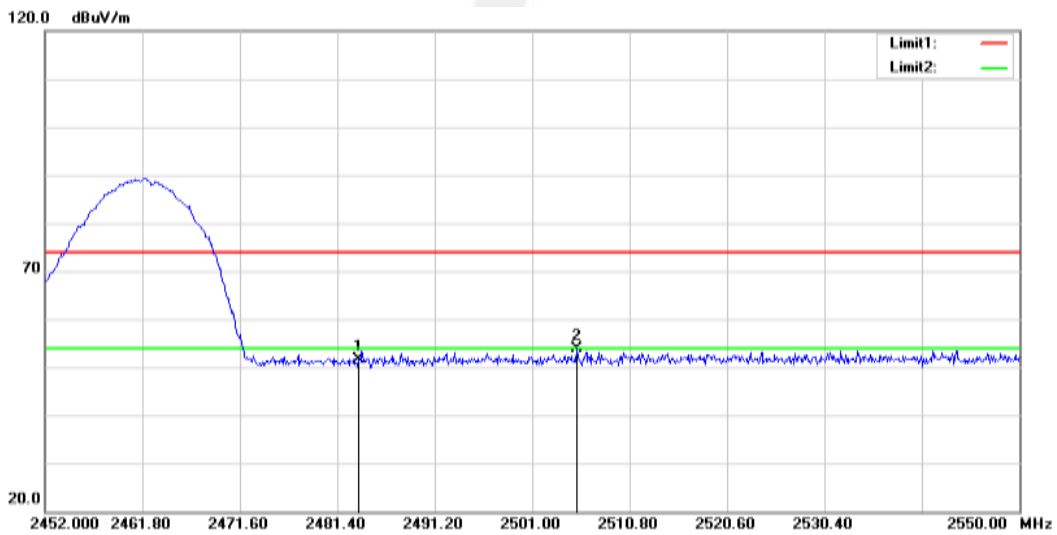


802.11b High channel  
Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	23.87	27.54	51.41	74.00	-22.59	peak
2	2514.818	24.55	27.62	52.17	74.00	-21.83	peak

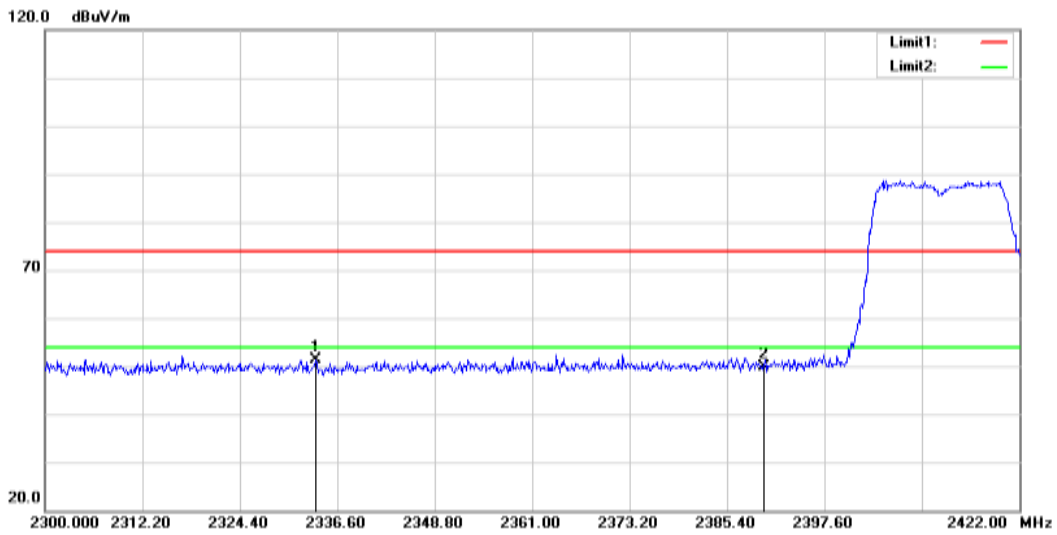
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	24.18	27.54	51.72	74.00	-22.28	peak
2	2505.508	26.23	27.61	53.84	74.00	-20.16	peak

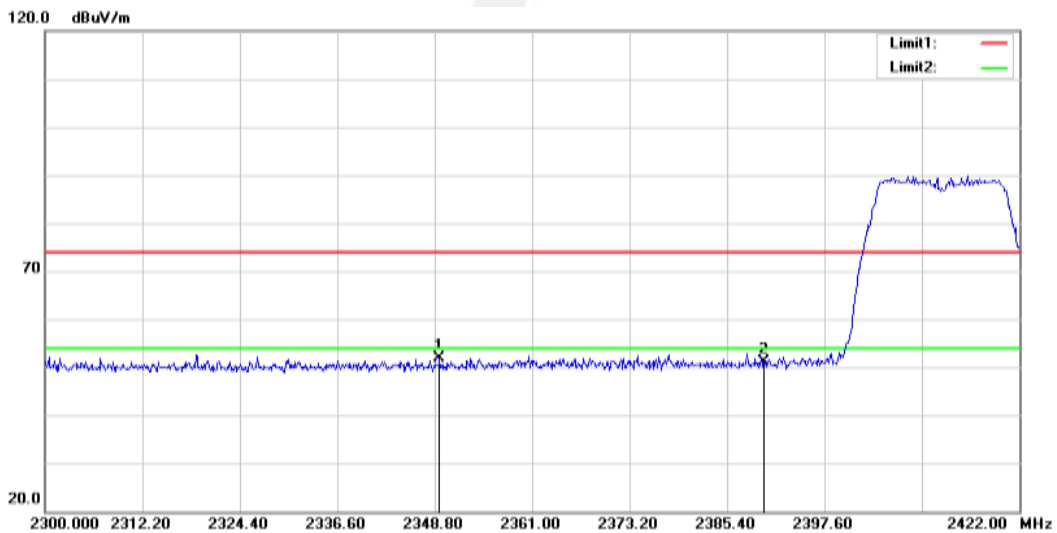


802.11g Low Channel  
Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2333.916	24.29	27.04	51.33	74.00	-22.67	peak
2	2390.000	22.60	27.23	49.83	74.00	-24.17	peak

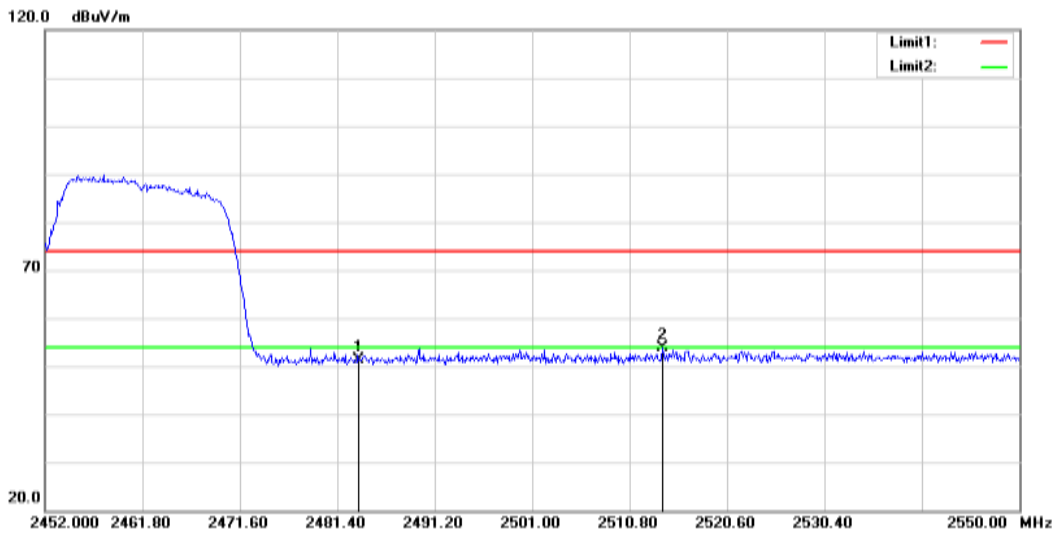
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2349.410	24.78	27.09	51.87	74.00	-22.13	peak
2	2390.000	23.80	27.23	51.03	74.00	-22.97	peak

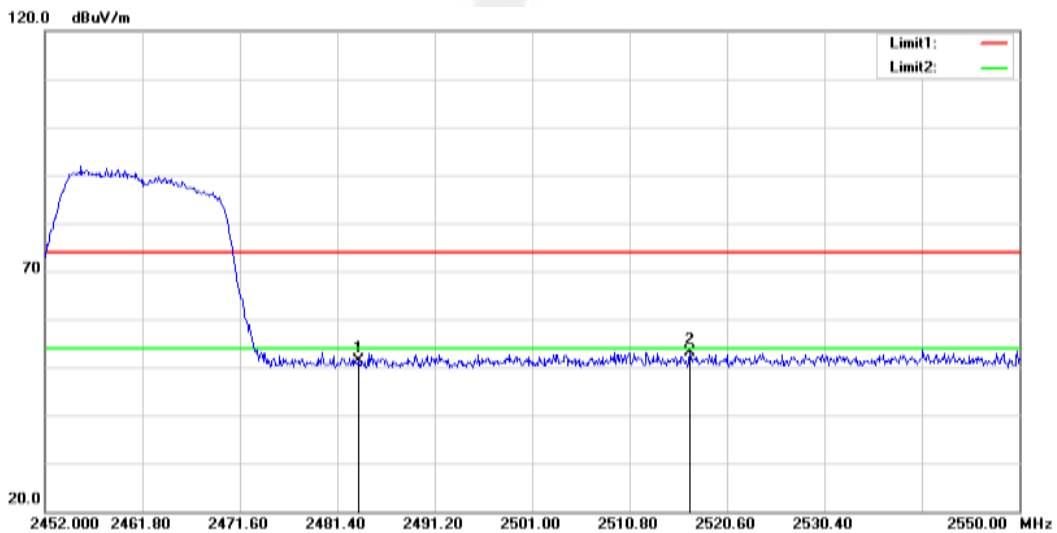


802.11g High Channel  
Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	23.87	27.54	51.41	74.00	-22.59	peak
2	2514.132	26.14	27.62	53.76	74.00	-20.24	peak

Vertical

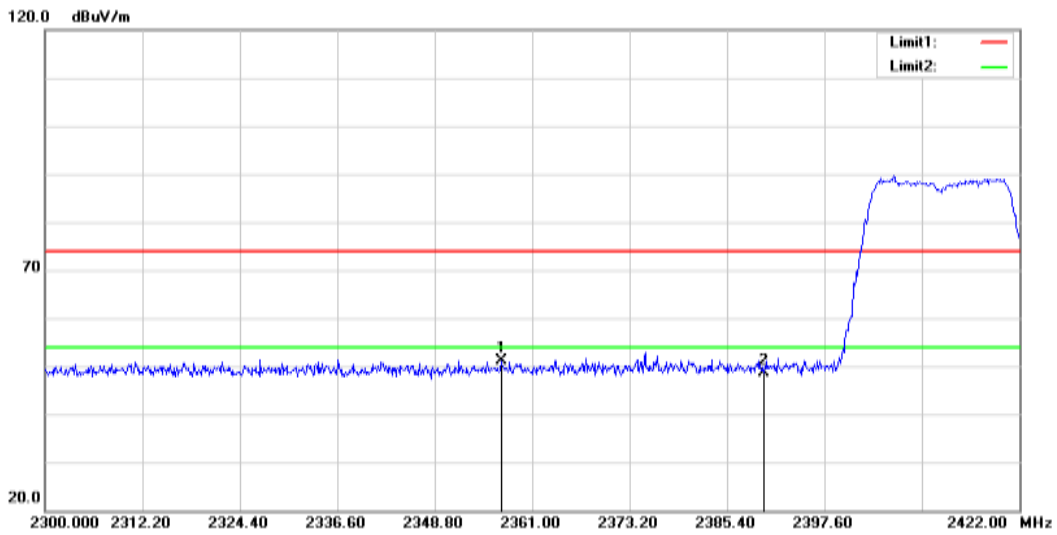


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	23.95	27.54	51.49	74.00	-22.51	peak
2	2516.876	25.43	27.62	53.05	74.00	-20.95	peak



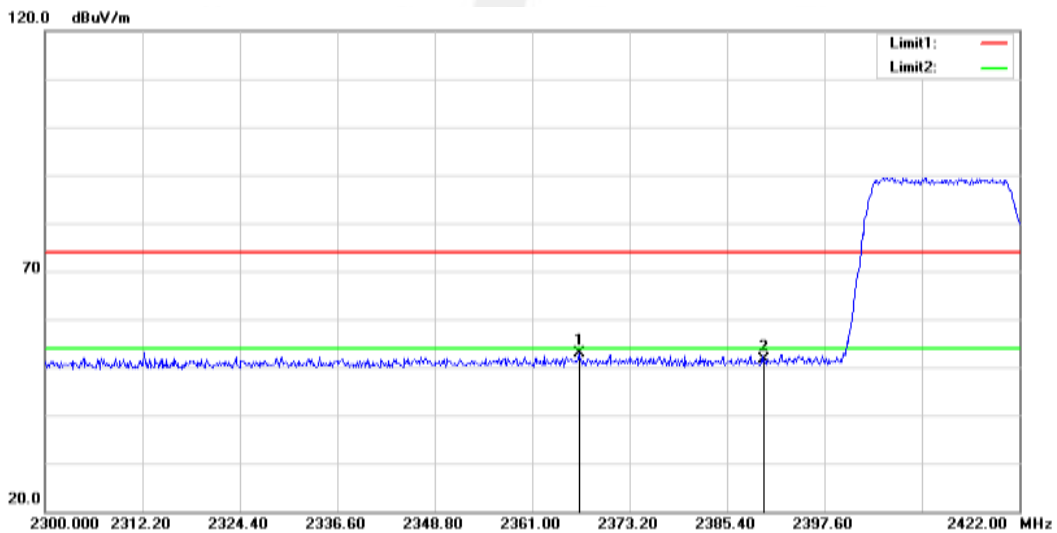


802.11n(HT20) Low Channel  
Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2357.096	24.06	27.11	51.17	74.00	-22.83	peak
2	2390.000	21.48	27.23	48.71	74.00	-25.29	peak

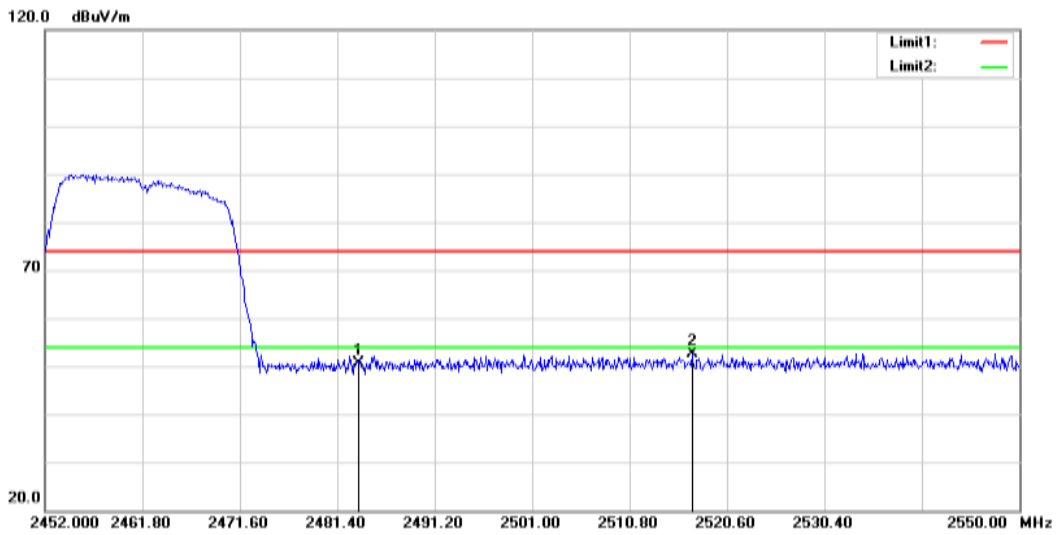
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2366.856	25.84	27.15	52.99	74.00	-21.01	peak
2	2390.000	24.46	27.23	51.69	74.00	-22.31	peak

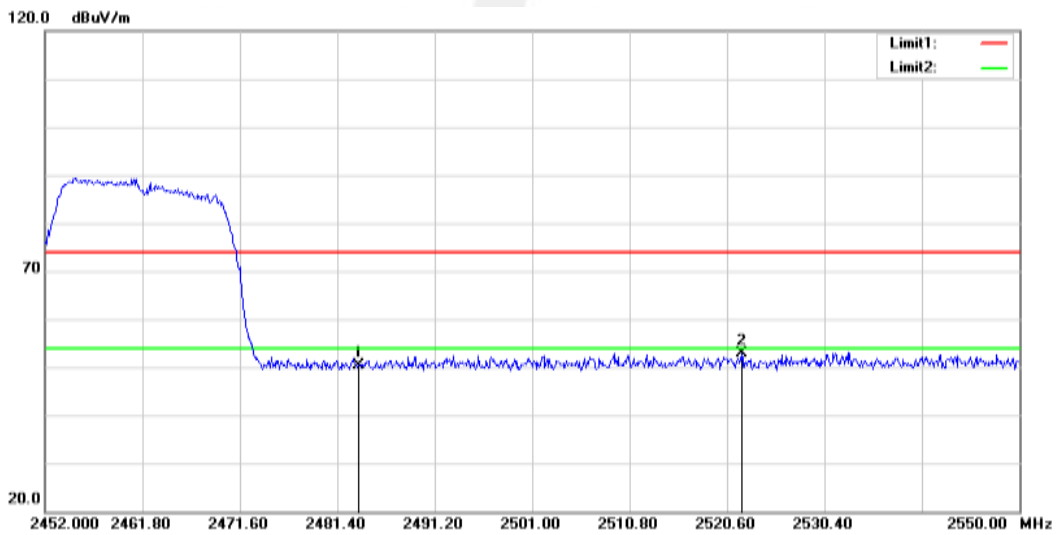


802.11n(HT20) High Channel  
Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	23.03	27.54	50.57	74.00	-23.43	peak
2	2517.072	25.06	27.62	52.68	74.00	-21.32	peak

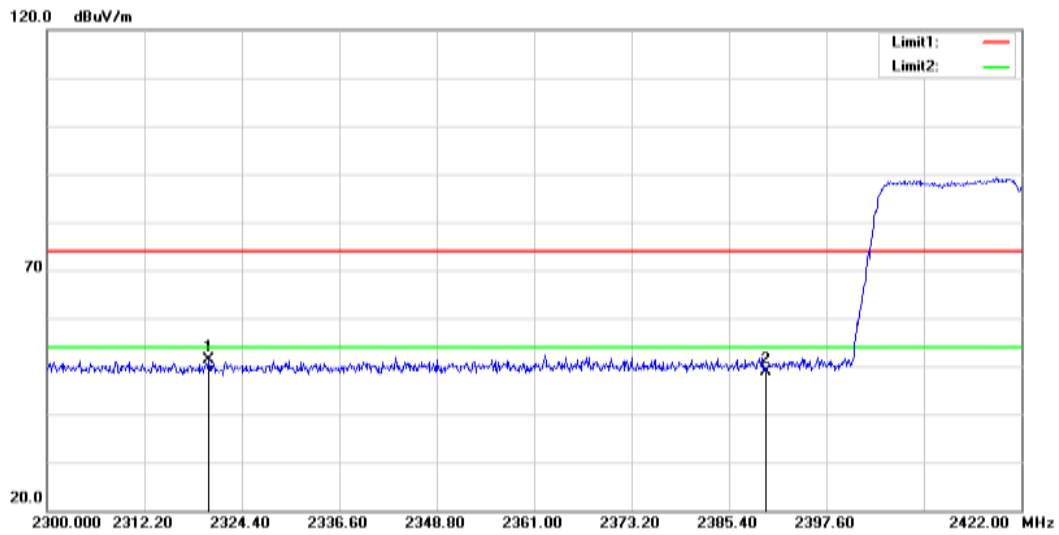
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	22.91	27.54	50.45	74.00	-23.55	peak
2	2522.070	25.21	27.63	52.84	74.00	-21.16	peak

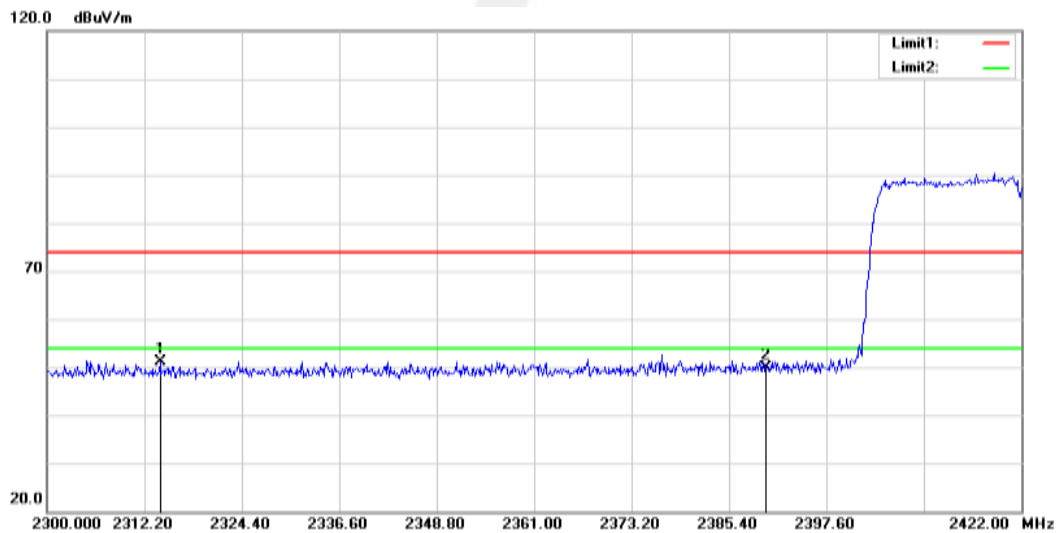


802.11n(HT40) Low Channel  
Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2320.252	24.49	26.99	51.48	74.00	-22.52	peak
2	2390.000	21.61	27.23	48.84	74.00	-25.16	peak

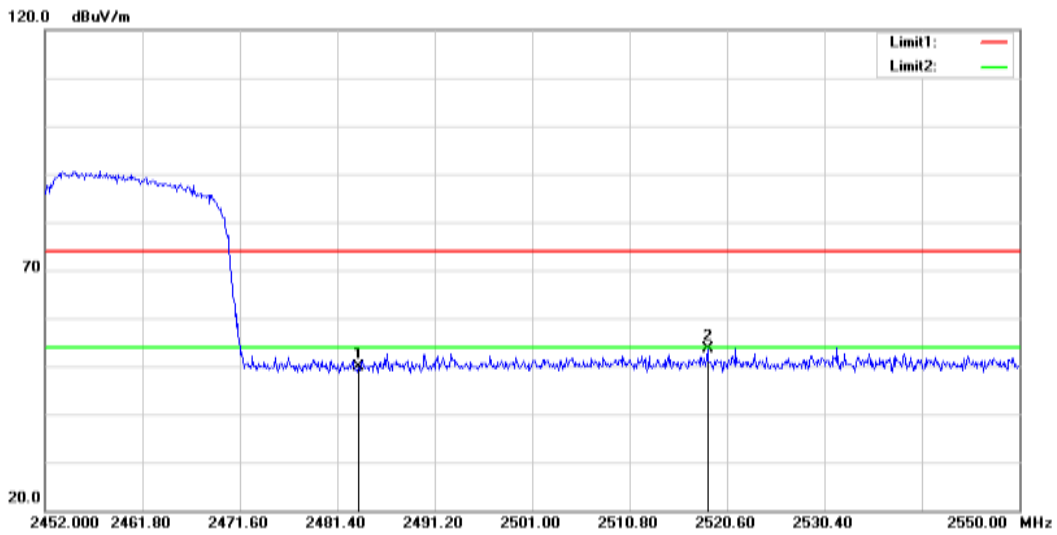
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2314.152	24.21	26.97	51.18	74.00	-22.82	peak
2	2390.000	22.57	27.23	49.80	74.00	-24.20	peak

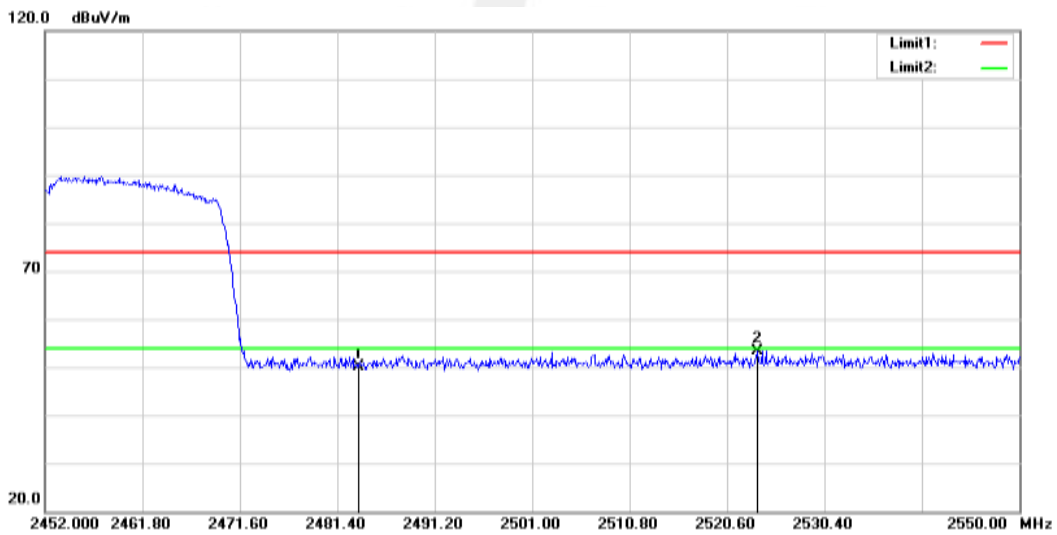


802.11n(HT40) High Channel  
Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	22.34	27.54	49.88	74.00	-24.12	peak
2	2518.640	25.94	27.62	53.56	74.00	-20.44	peak

Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	22.56	27.54	50.10	74.00	-23.90	peak
2	2523.638	25.81	27.63	53.44	74.00	-20.56	peak

## 4 CONDUCTED SPURIOUS & BAND EDGE EMISSION

### 4.1 APPLIED PROCEDURES / LIMIT

According to FCC Part 15.247(d) and RSS-247 Clause 5.5, in any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated 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, based on either an RF conducted or a radiated measurement.

### 4.2 TEST PROCEDURE

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	30 MHz to 10th carrier harmonic
RB / VB (emission in restricted band)	100 KHz/300 KHz
Trace-Mode:	Max hold

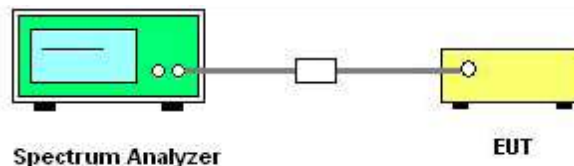
For Band edge

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	Lower Band Edge: 2300 to 2422 MHz Upper Band Edge: 2452 to 2500 MHz
RB / VB (emission in restricted band)	100 KHz/300 KHz
Trace-Mode:	Max hold

### 4.3 DEVIATION FROM STANDARD

No deviation.

### 4.4 TEST SETUP



The EUT which is powered by the Battery, is coupled to the Spectrum Analyzer; the RF load attached to the EUT antenna terminal is 50 Ohm; the path loss as the factor is calibrated to correct the reading.

Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. In order to make an accurate measurement, set the span greater than RBW.

### 4.5 EUT OPERATION CONDITIONS

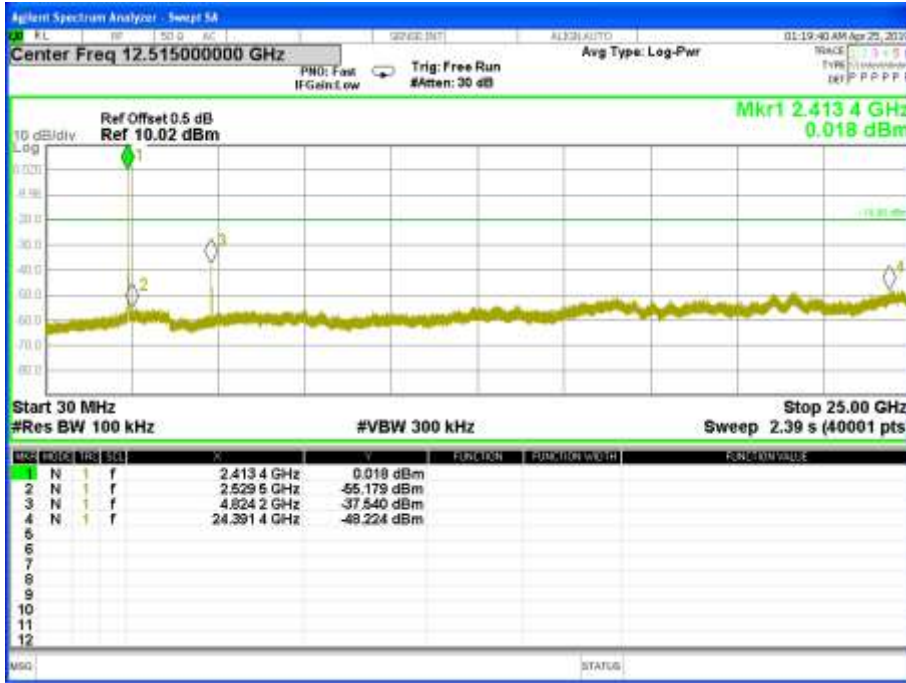
The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.



4.6 TEST RESULTS

Temperature :	25°C	Relative Humidity :	60%
Test Voltage :	AC 120V/60Hz	Test Mode :	TX b Mode

CH Low

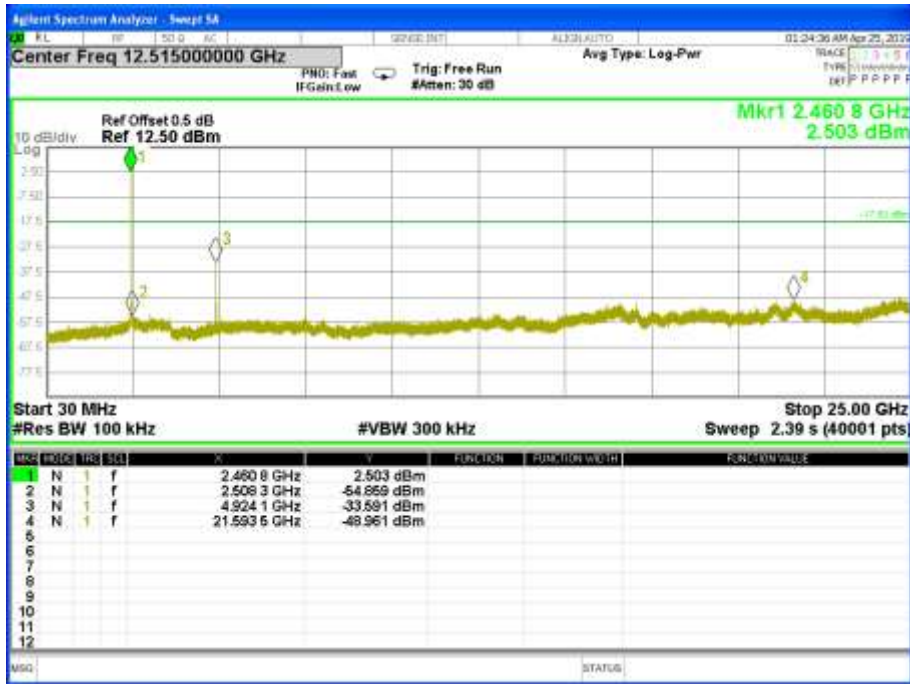


CH Middle





CH High





Band edge

CH Low



CH High

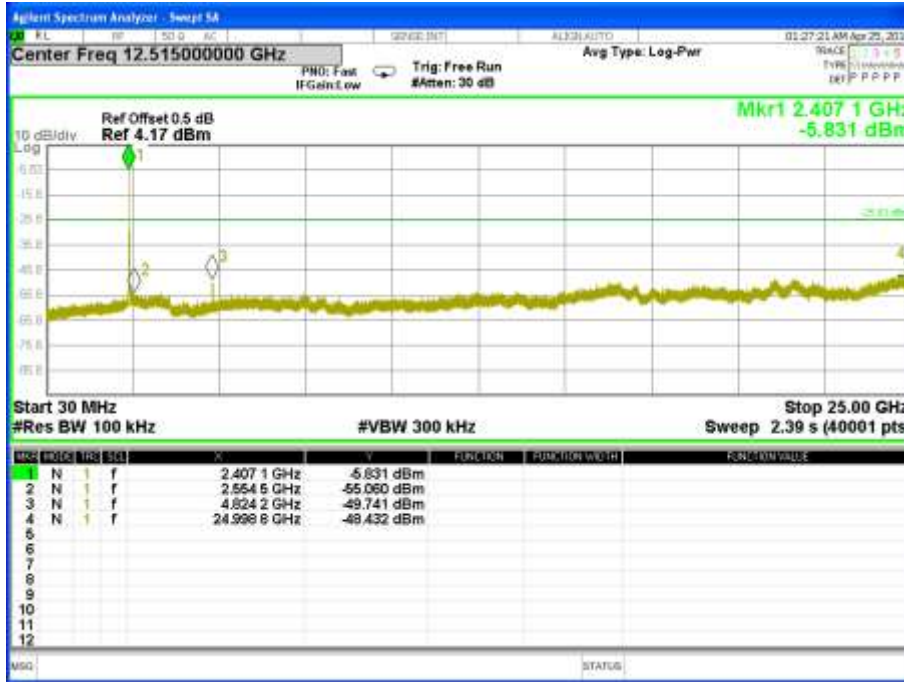




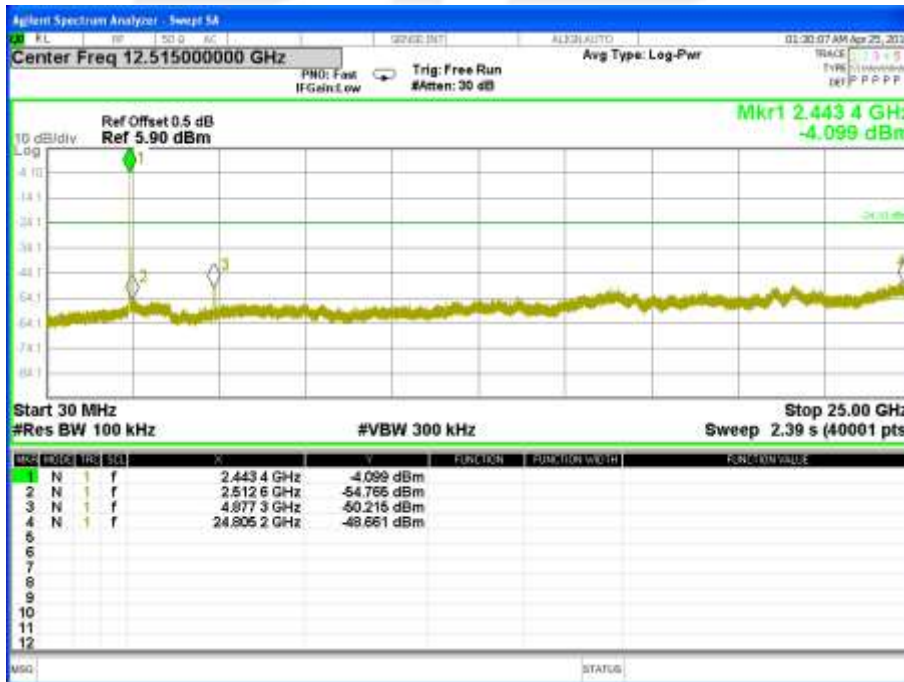


Temperature :	25°C	Relative Humidity :	60%
Test Voltage :	AC 120V/60Hz	Test Mode :	TX g Mode

CH Low

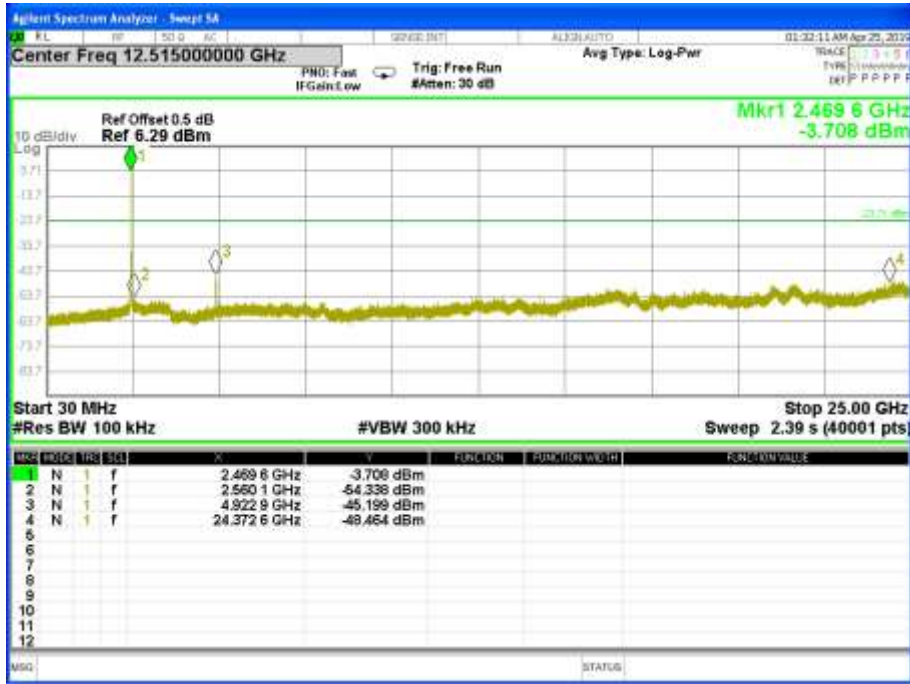


CH Middle





CH High





Band edge

CH Low



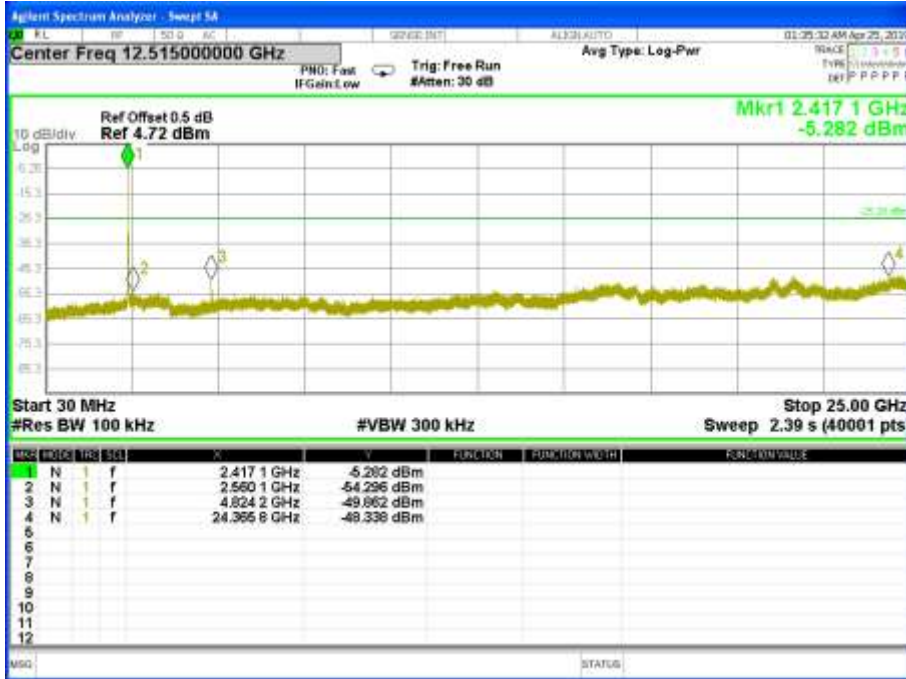
CH High



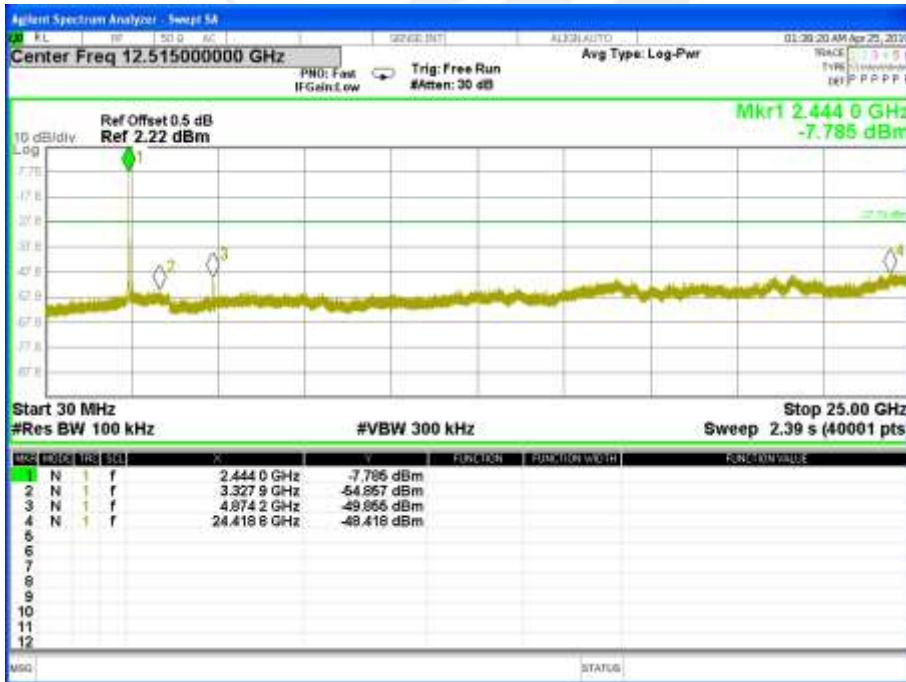


Temperature :	25°C	Relative Humidity :	60%
Test Voltage :	AC 120V/60Hz	Test Mode:	TX n(HT20) Mode

CH Low

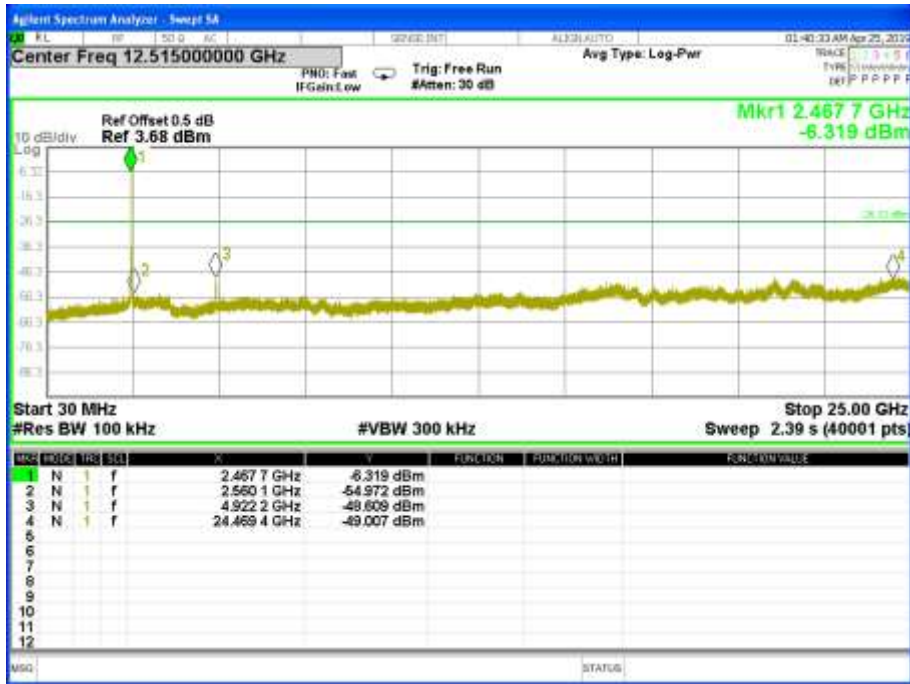


CH Middle





CH High





Band edge

CH Low



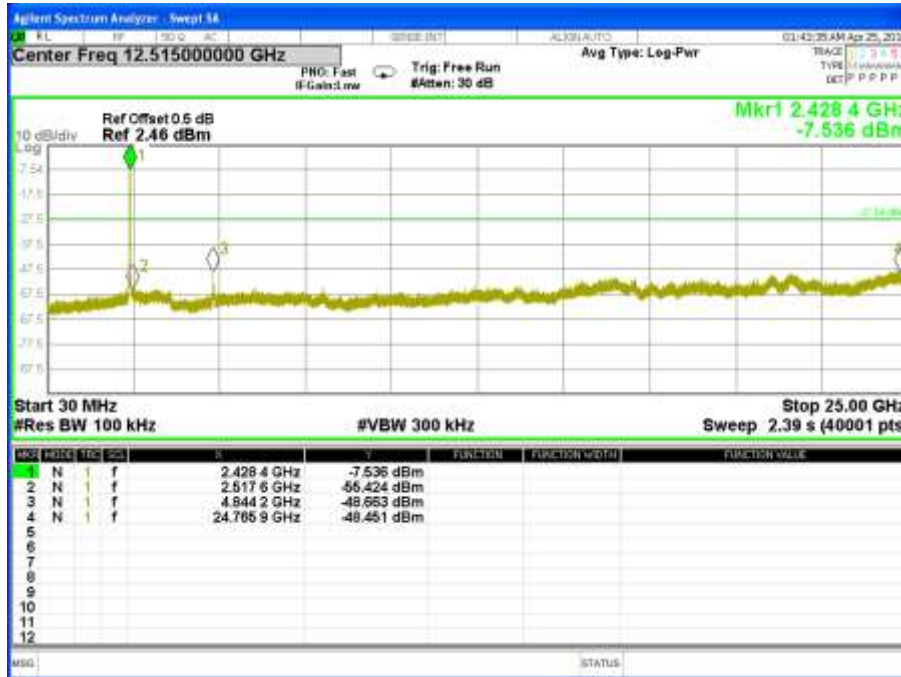
CH High





Temperature:	25 °C	Relative Humidity:	60%
Test Voltage:	AC 120V/60Hz	Test Mode:	TX n(HT40) Mode

CH Low

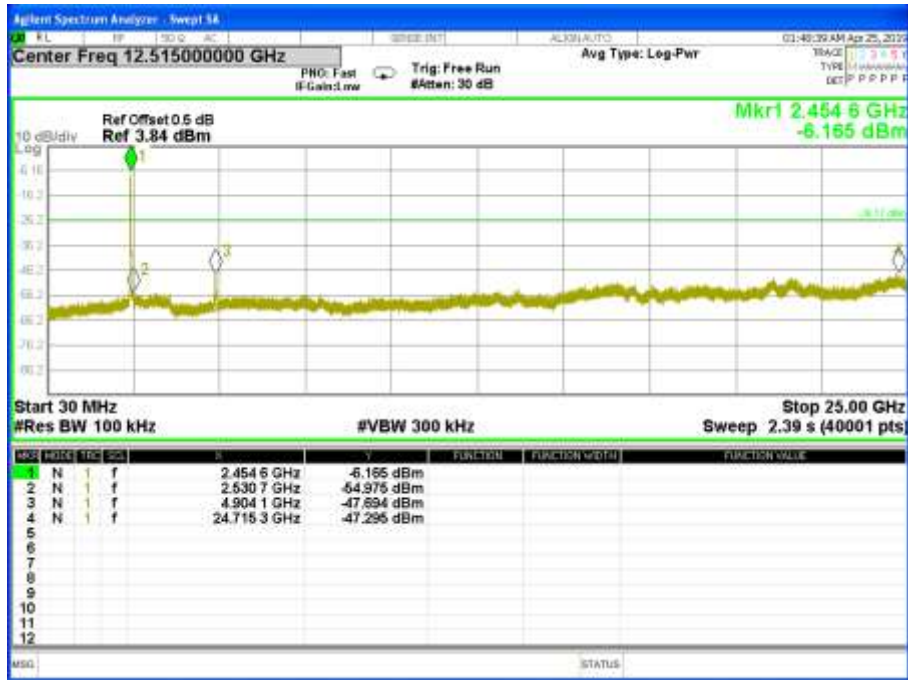


CH Middle





CH High

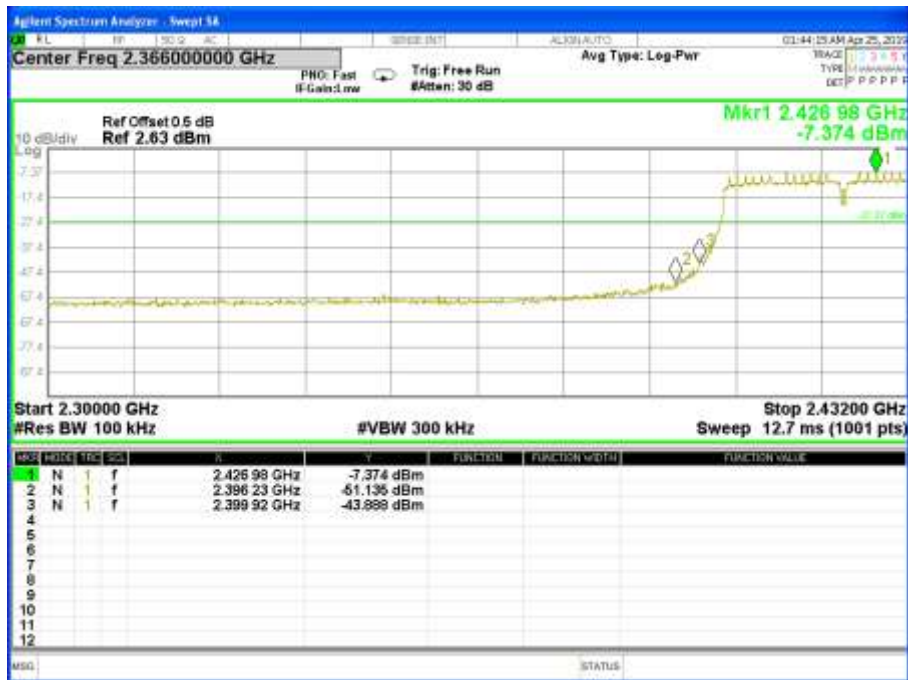






Band edge

CH Low



CH High





## 5 POWER SPECTRAL DENSITY TEST

### 5.1 APPLIED PROCEDURES / LIMIT

FCC Part15.247, Subpart C RSS-247 Issue 2				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(e) RSS-247 Clause 5.2(b)	Power Spectral Density	$\leq 8$ dBm (RBW $\geq 3$ KHz)	2400-2483.5	PASS

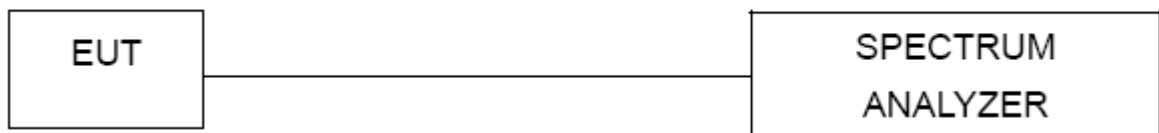
### 5.2 TEST PROCEDURE

- 1) Set analyzer center frequency to DTS channel center frequency.
- 2) Set the span to 1.5 times the DTS channel bandwidth.
- 3) Set the  $100 \text{ kHz} \geq \text{RBW} \geq 3 \text{ kHz}$ .
- 4) Set the  $\text{VBW} \geq 3 \times \text{RBW}$ .
- 5) Detector = peak.
- 6) Sweep time = auto couple.
- 7) Trace mode = max hold.
- 8) Allow trace to fully stabilize.
- 9) Use the peak marker function to determine the maximum amplitude level.
- 10) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

### 5.3 DEVIATION FROM STANDARD

No deviation.

### 5.4 TEST SETUP



### 5.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.



5.6 TEST RESULTS

Temperature:	25°C	Relative Humidity:	60%
Test Voltage:	AC 120V/60Hz	Test Mode:	TX b Mode

Test Mode	Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3KHz)	Result
b mode (1 Mbps)	2412.00	-13.081	≤ 8.00	PASS
	2437.00	-11.158	≤ 8.00	PASS
	2462.00	-10.903	≤ 8.00	PASS

TX CH Low





### TX CH Middle



### TX CH High





Temperature:	25°C	Relative Humidity:	60%
Test Voltage:	AC 120V/60Hz	Test Mode:	TX g Mode

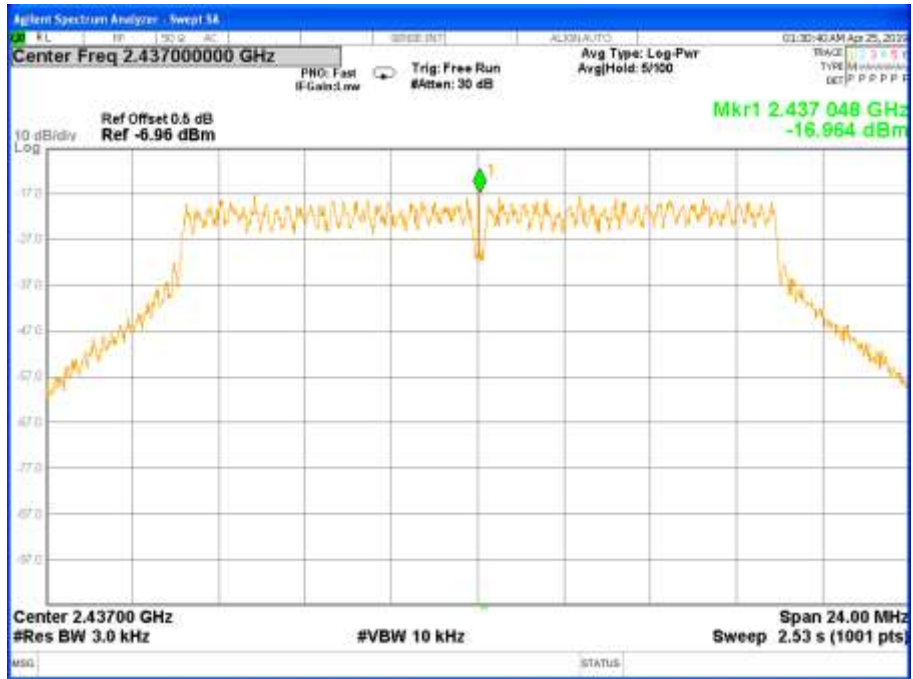
Test Mode	Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3KHz)	Result
g mode (6 Mbps)	2412.00	-15.996	≤ 8.00	PASS
	2437.00	-16.964	≤ 8.00	PASS
	2462.00	-15.698	≤ 8.00	PASS

**TX CH Low**





### TX CH Middle



### TX CH High





Temperature:	25°C	Relative Humidity:	60%
Test Voltage:	AC 120V/60Hz	Test Mode:	TX n(HT20) Mode

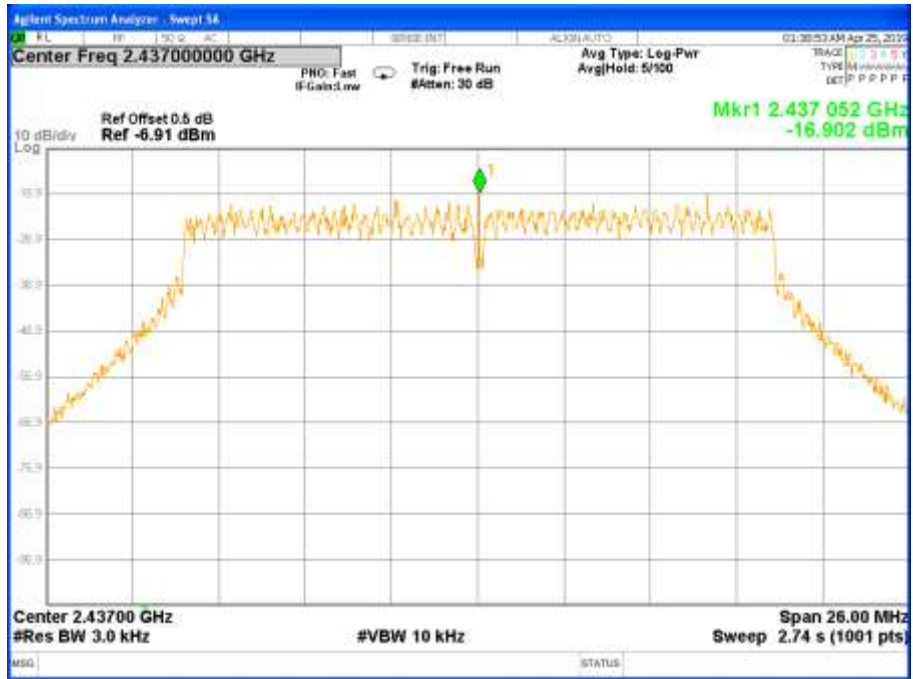
Test Mode	Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3KHz)	Result
n(HT20) mode (MCS0)	2412.00	-16.997	≤ 8.00	PASS
	2437.00	-16.902	≤ 8.00	PASS
	2462.00	-15.95	≤ 8.00	PASS

TX CH Low





### TX CH Middle



### TX CH High







Temperature:	25°C	Relative Humidity:	60%
Test Voltage:	AC 120V/60Hz	Test Mode:	TX n(HT40) Mode

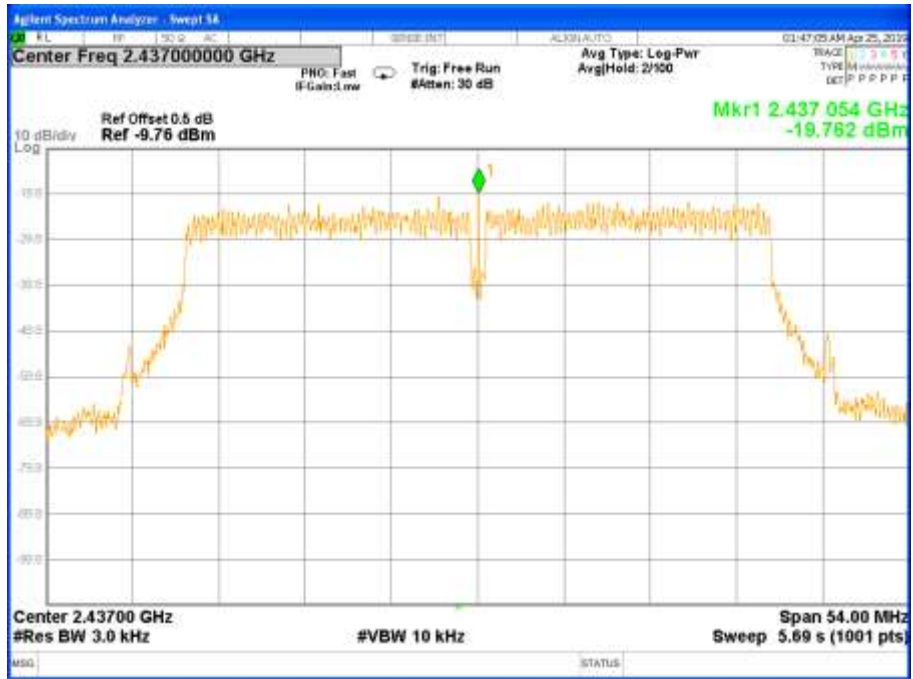
Test Mode	Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3KHz)	Result
n(HT40) mode (MCS0)	2422.00	-17.539	≤ 8.00	PASS
	2437.00	-19.762	≤ 8.00	PASS
	2452.00	-17.322	≤ 8.00	PASS

**TX CH Low**





### TX CH Middle



### TX CH High





## 6 BANDWIDTH TEST

### 6.1 APPLIED PROCEDURES / LIMIT

FCC Part15.247,Subpart C RSS-247 Issue 2&RSS-Gen Issue 5				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(a)(2) RSS-247 Clause 5.2(b)	6dB Bandwidth	$\geq 500\text{KHz}$	2400-2483.5	PASS
RSS-Gen Clause 6.6	99%Bandwidth	-	2400-2483.5	PASS

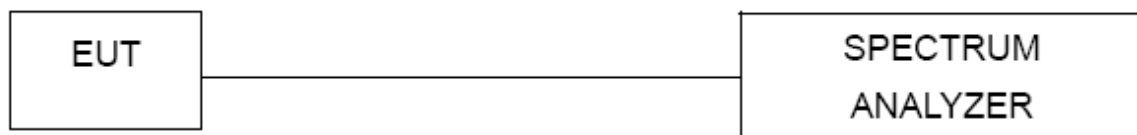
### 6.2 TEST PROCEDURE

The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described above (i.e., RBW = 100 kHz, VBW $\geq$ 3RBW, peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be $\geq$ 6 dB.

### 6.3 DEVIATION FROM STANDARD

No deviation.

### 6.4 TEST SETUP



### 6.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.



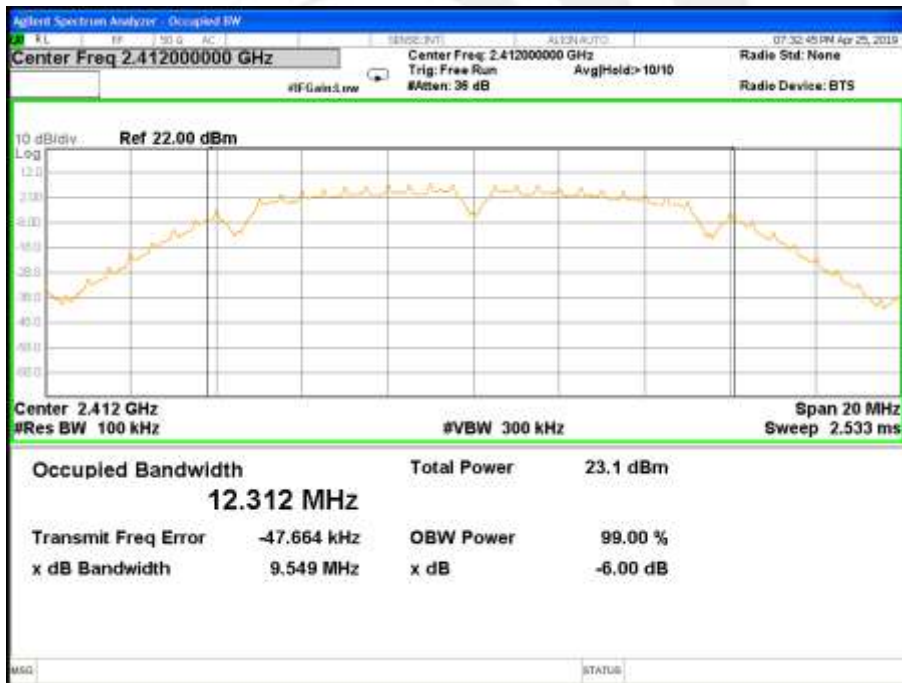
6.6 TEST RESULTS

Temperature:	25°C	Relative Humidity:	60%
Test Voltage:	AC 120V/60Hz	Test Mode:	TX b Mode

Remark: PEAK DETECTOR IS USED

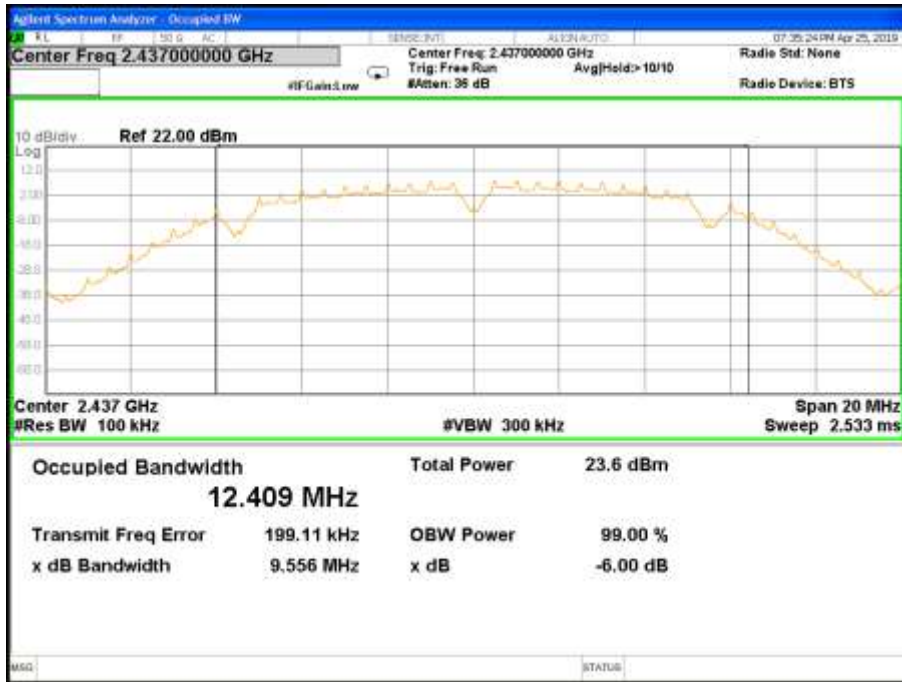
Test Mode	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit of 6dB Bandwidth (MHz)	Result
b mode (1 Mbps)	2412.00	9.549	13.449	≥ 0.50	PASS
	2437.00	9.556	13.441	≥ 0.50	PASS
	2462.00	9.077	13.401	≥ 0.50	PASS

6dB Bandwidth CH Low

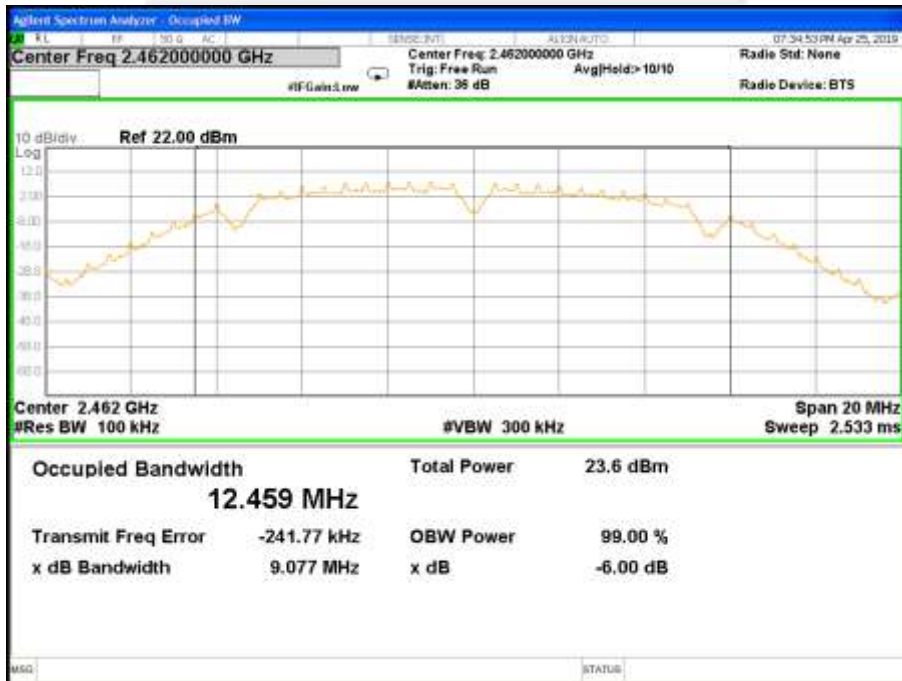




### 6dB Bandwidth CH Middle

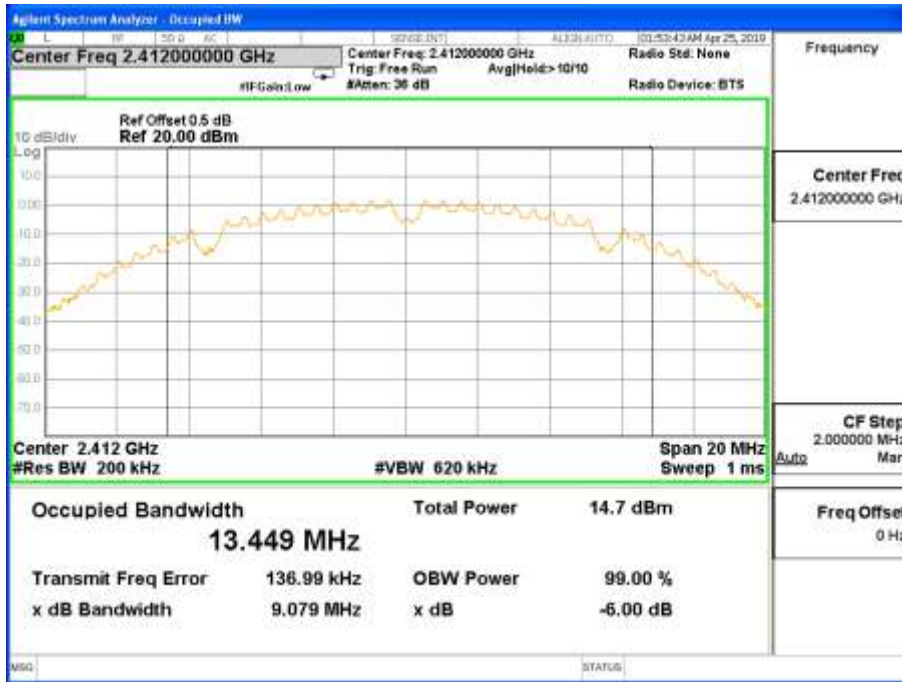


### 6dB Bandwidth CH High

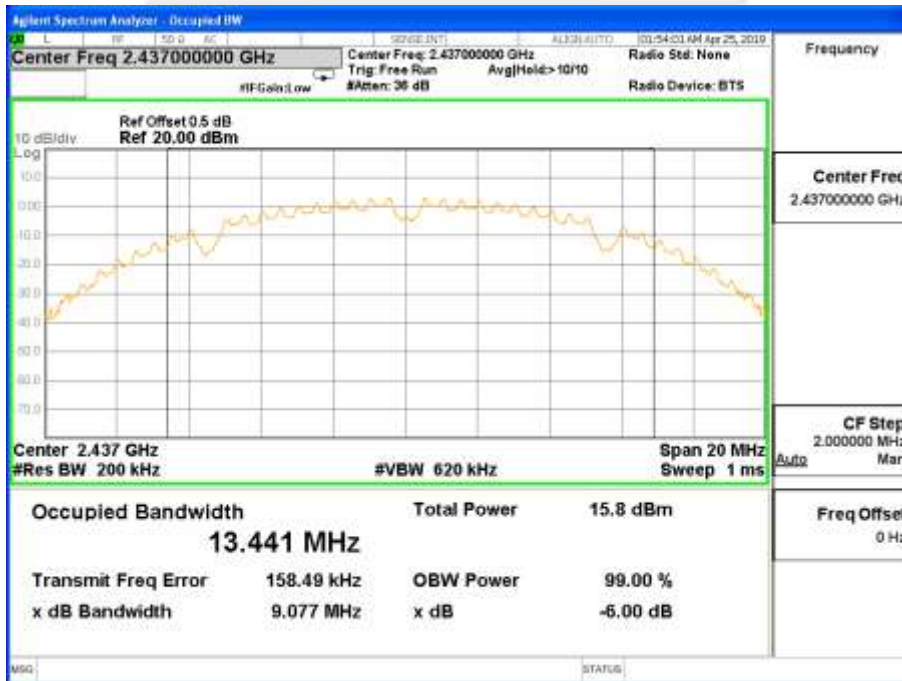




### 99% Bandwidth CH Low

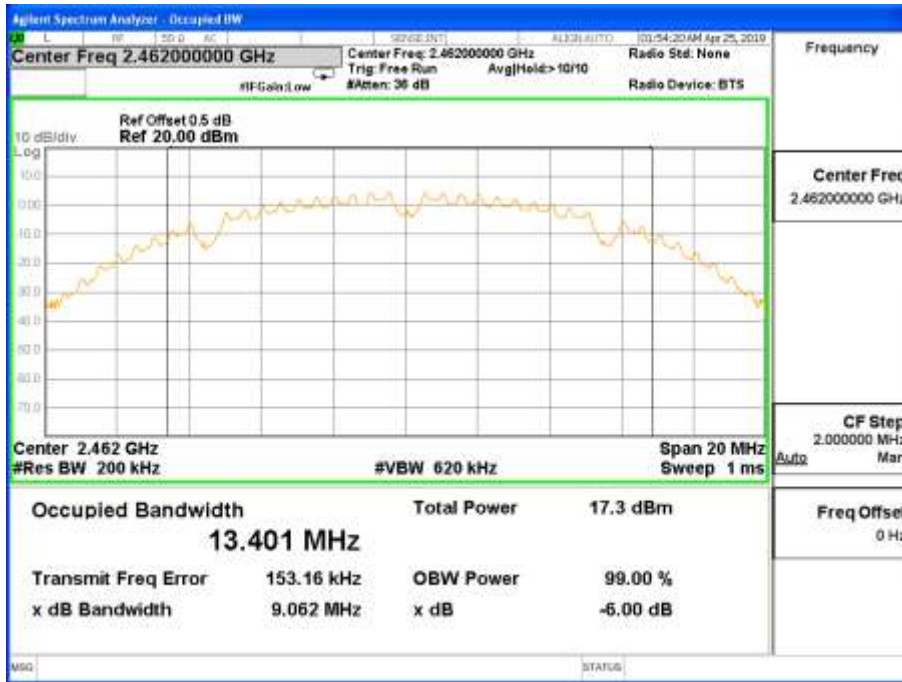


### 99% Bandwidth CH Middle





### 99% Bandwidth CH High

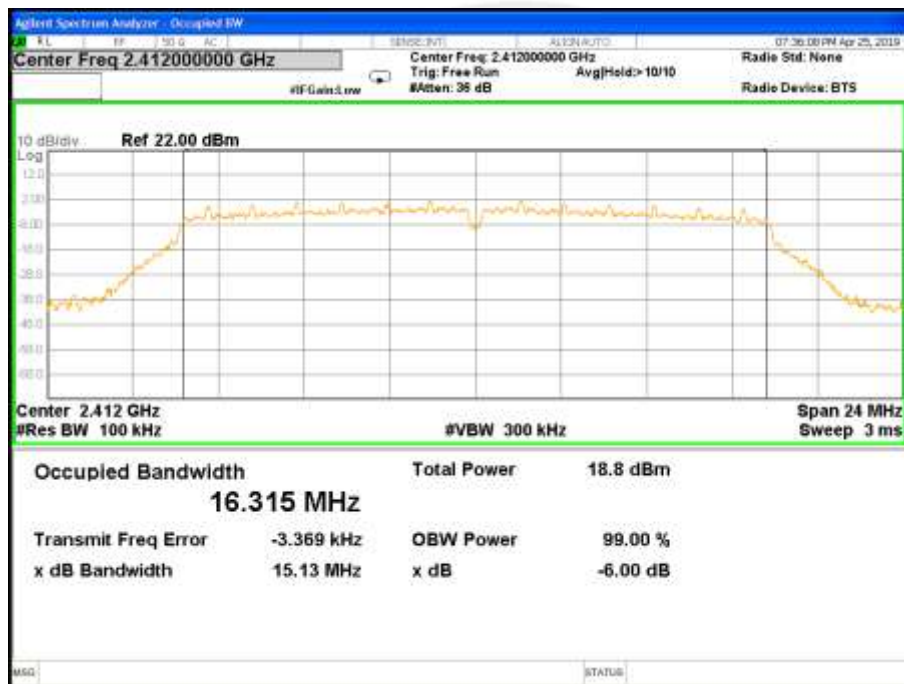




Temperature:	25°C	Relative Humidity:	60%
Test Voltage:	AC 120V/60Hz	Test Mode:	TX g Mode

Test Mode	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit of 6dB Bandwidth (MHz)	Result
g mode (6 Mbps)	2412.00	15.13	16.620	≥ 0.50	PASS
	2437.00	15.70	16.610	≥ 0.50	PASS
	2462.00	15.70	16.618	≥ 0.50	PASS

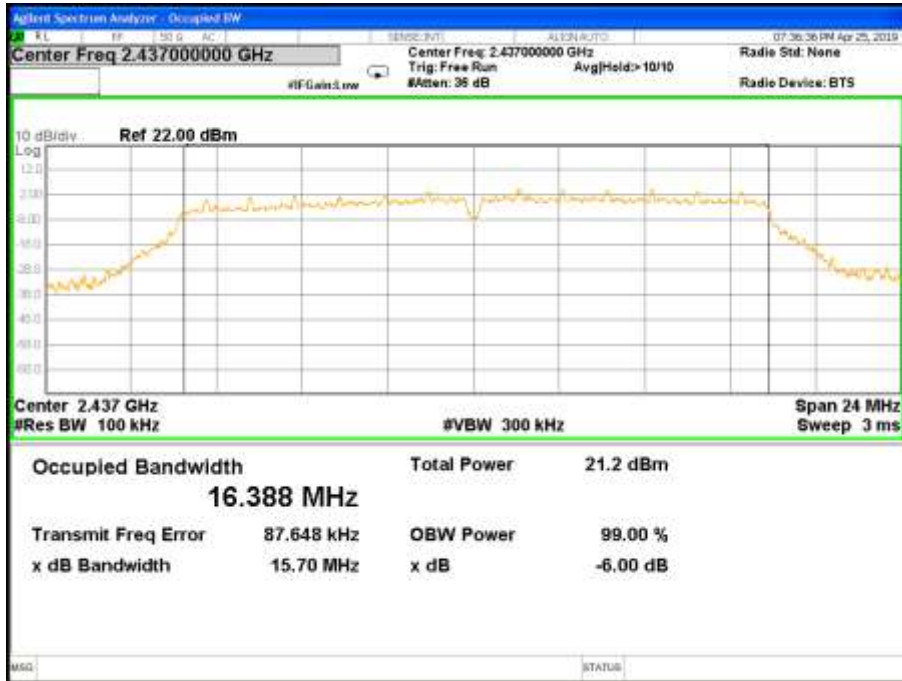
6dB Bandwidth CH Low



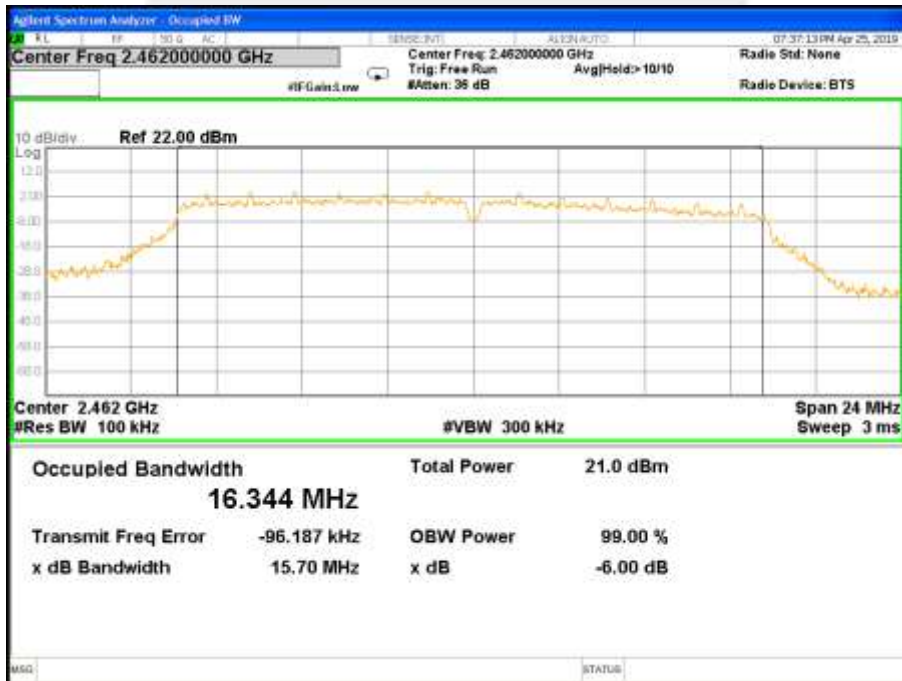




### 6dB Bandwidth CH Middle

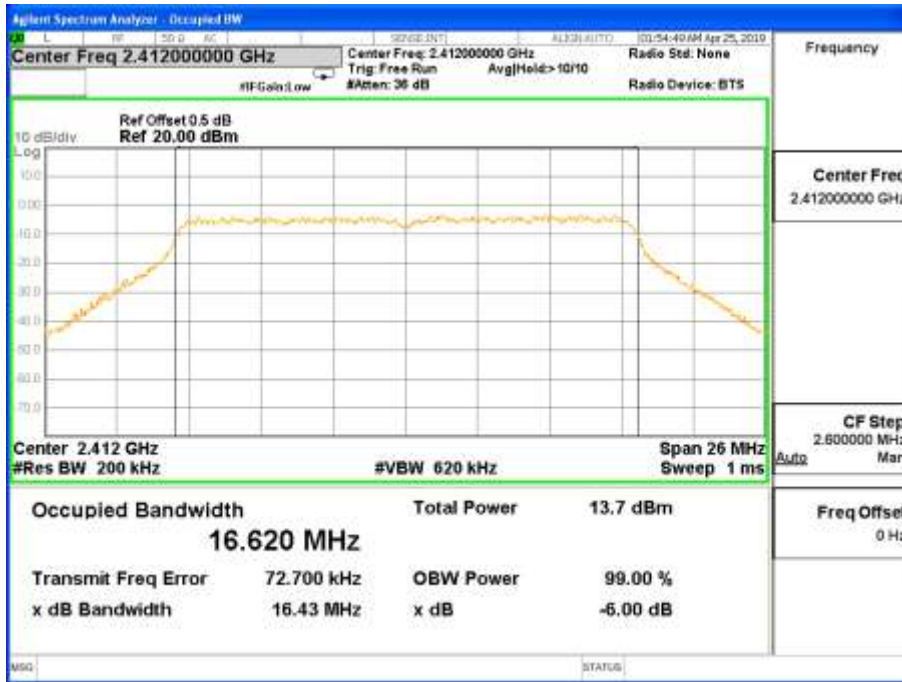


### 6dB Bandwidth CH High

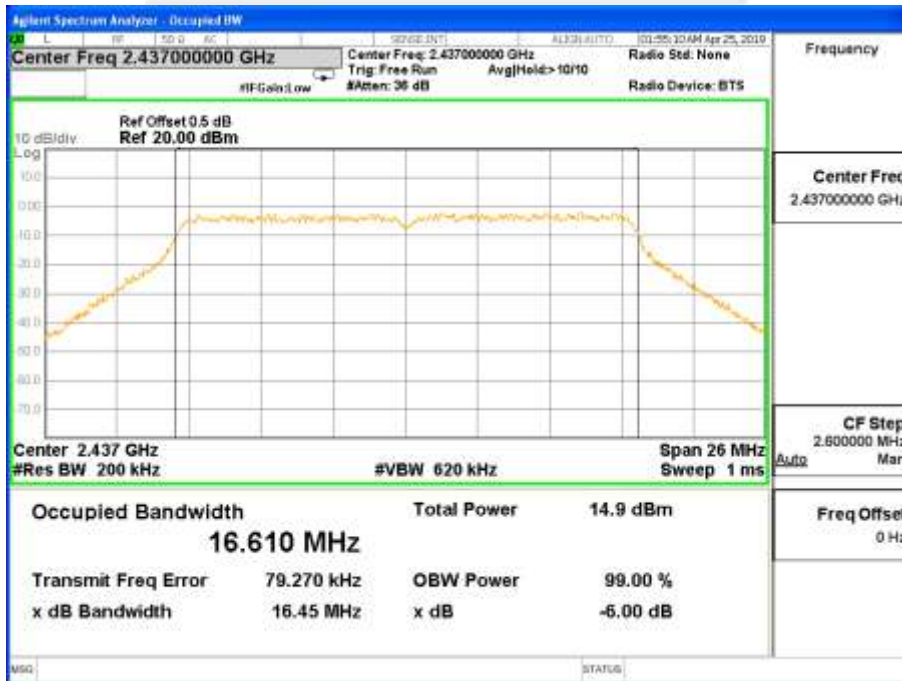




### 99% Bandwidth CH Low

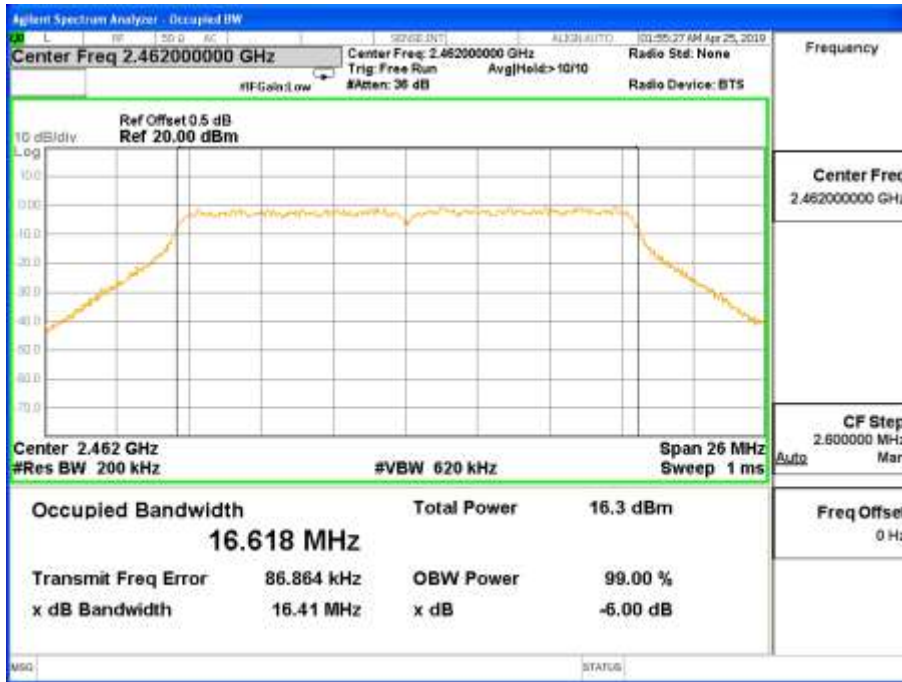


### 99% Bandwidth CH Middle





### 99% Bandwidth CH High

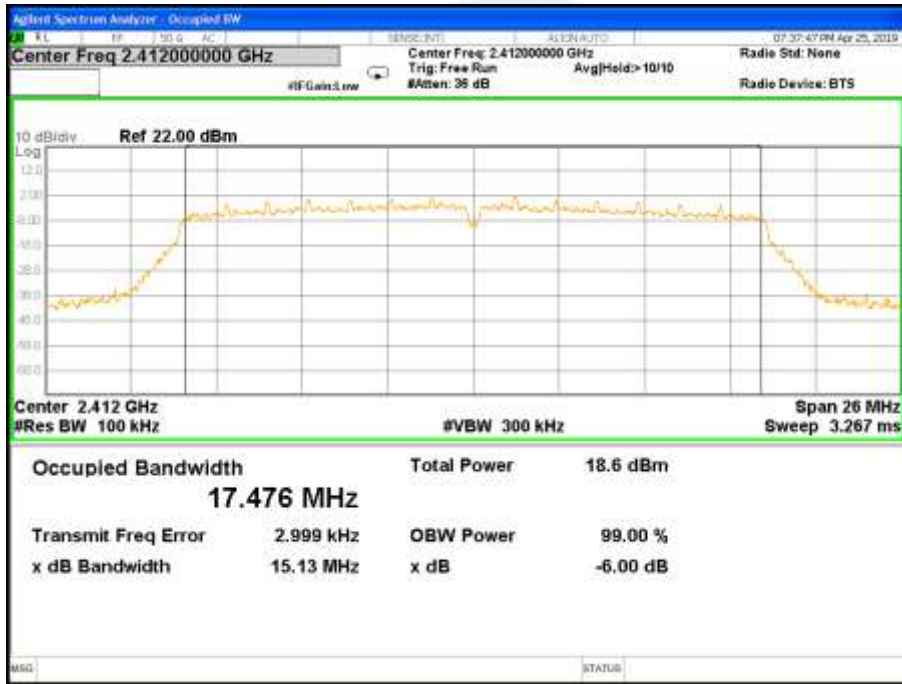




Temperature:	25°C	Relative Humidity:	60%
Test Voltage:	AC 120V/60Hz	Test Mode:	TX n(HT20) Mode

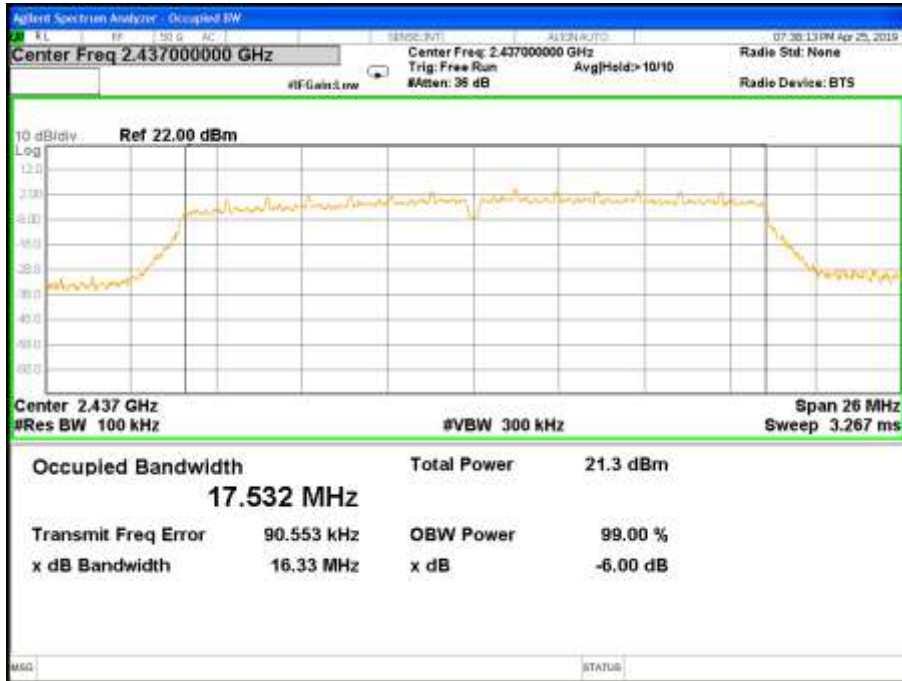
Test Mode	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit of 6dB Bandwidth (MHz)	Result
n(HT20) mode (MCS0)	2412.00	15.13	17.694	≥ 0.50	PASS
	2437.00	16.33	17.686	≥ 0.50	PASS
	2462.00	16.32	17.701	≥ 0.50	PASS

6dB Bandwidth CH Low

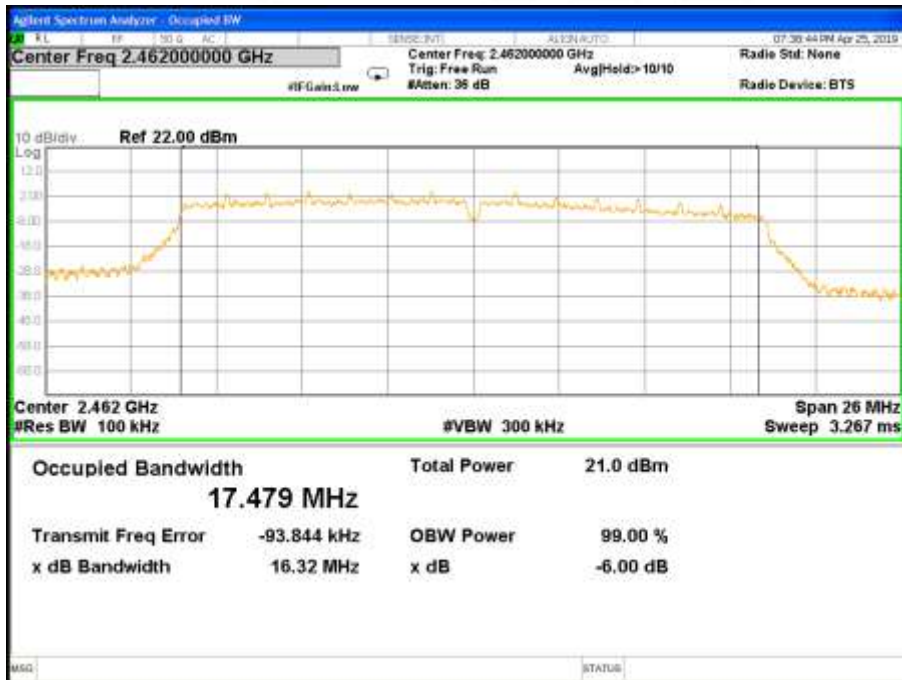




### 6dB Bandwidth CH Middle

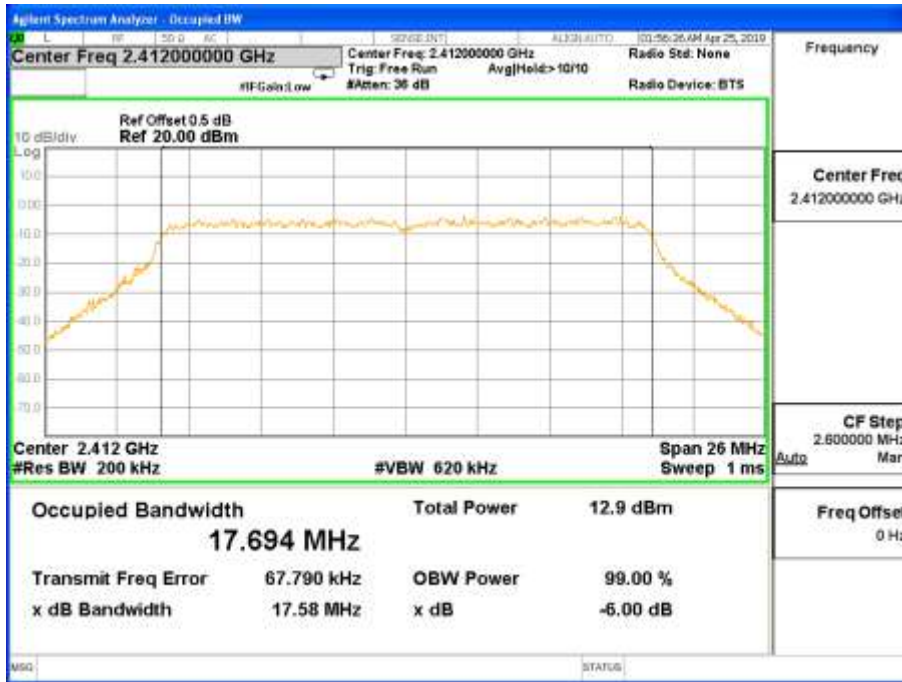


### 6dB Bandwidth CH High

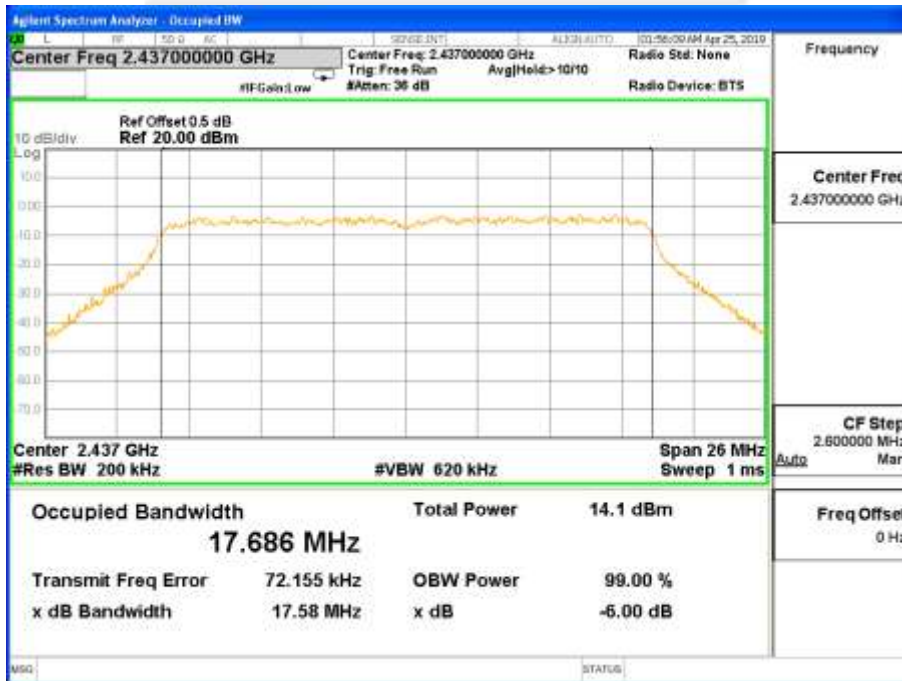




### 99% Bandwidth CH Low

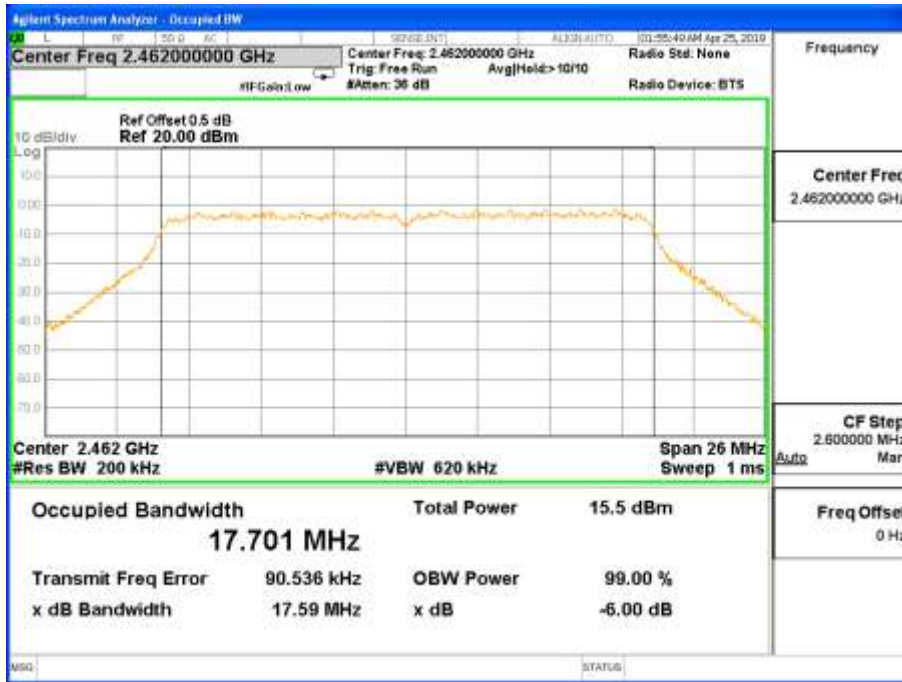


### 99% Bandwidth CH Middle





### 99% Bandwidth CH High

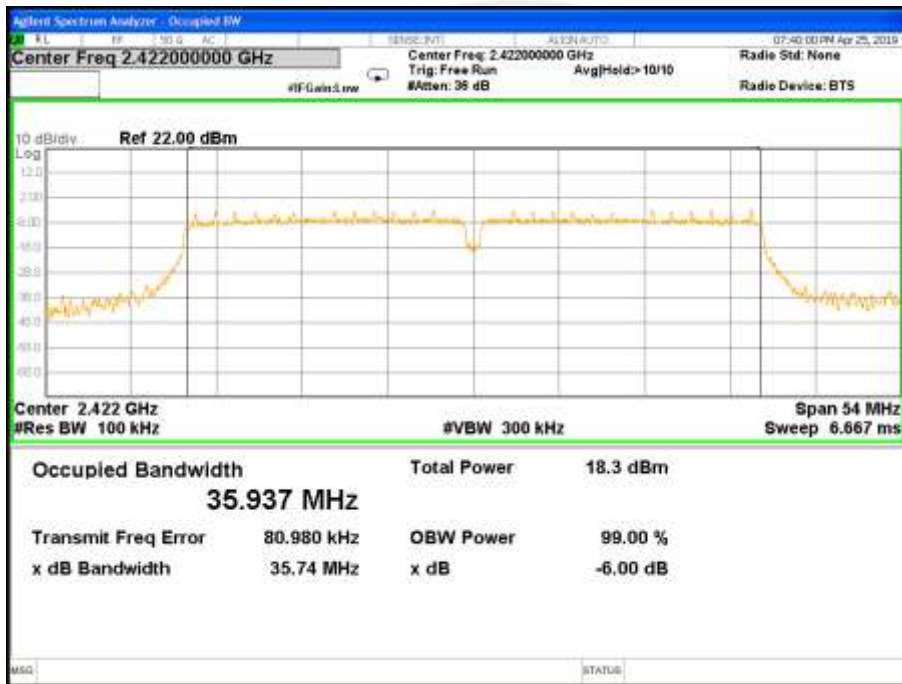




Temperature:	25°C	Relative Humidity:	60%
Test Voltage:	AC 120V/60Hz	Test Mode:	TX n(HT40) Mode

Test Mode	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit of 6dB Bandwidth (MHz)	Result
n(HT40) mode (MCS0)	2422.00	35.74	36.202	≥ 0.50	PASS
	2437.00	35.30	36.203	≥ 0.50	PASS
	2452.00	35.01	36.188	≥ 0.50	PASS

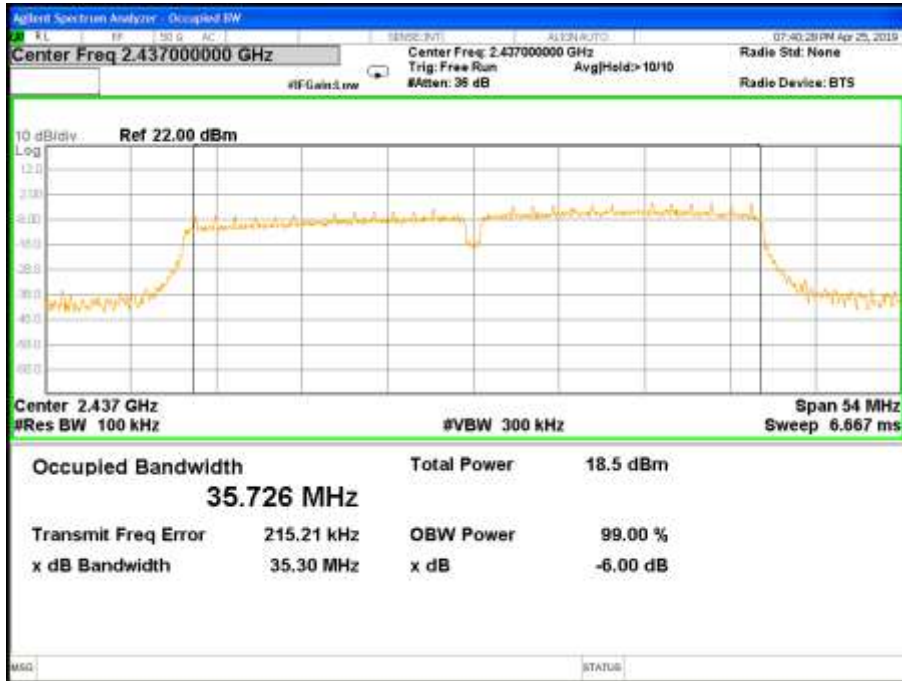
6dB Bandwidth CH Low



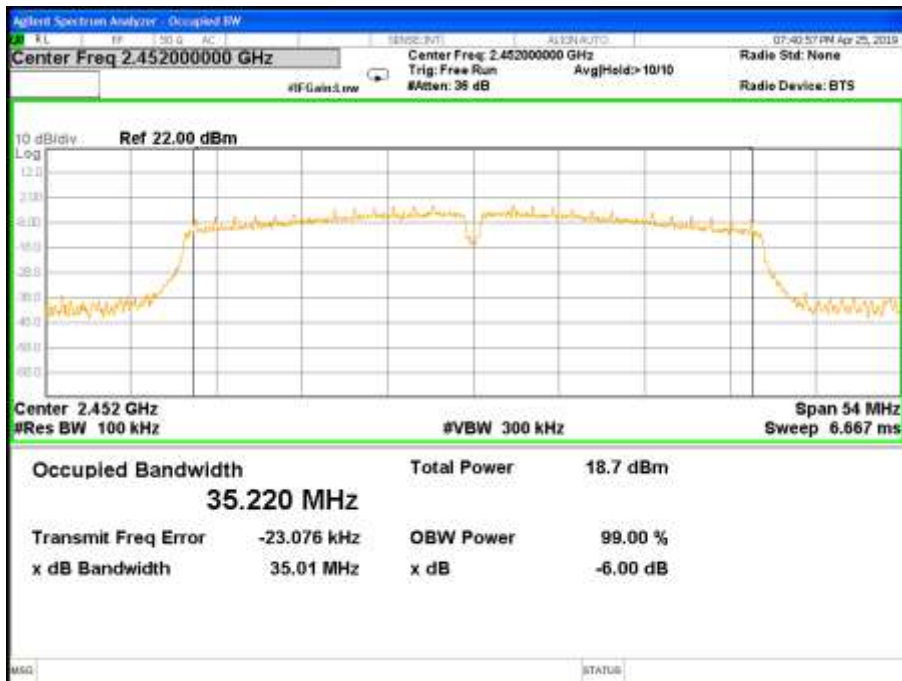




### 6dB Bandwidth CH Middle

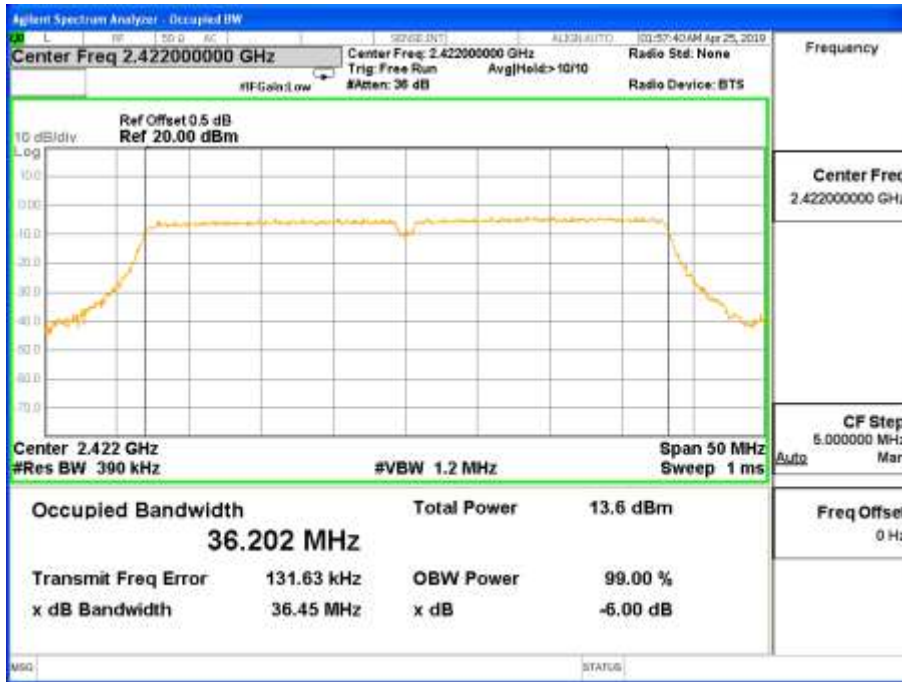


### 6dB Bandwidth CH High

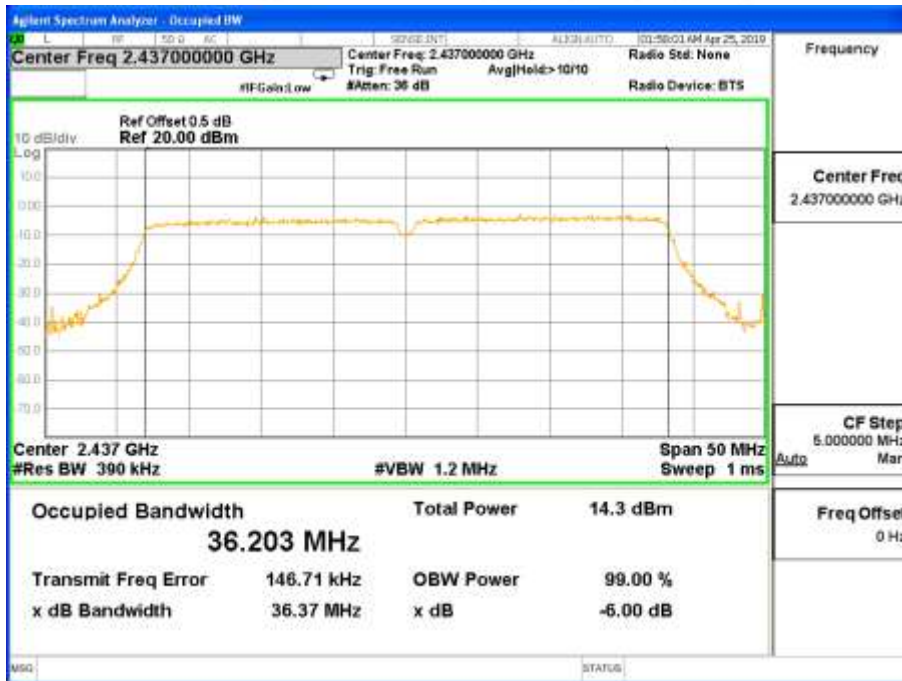




### 99% Bandwidth CH Low

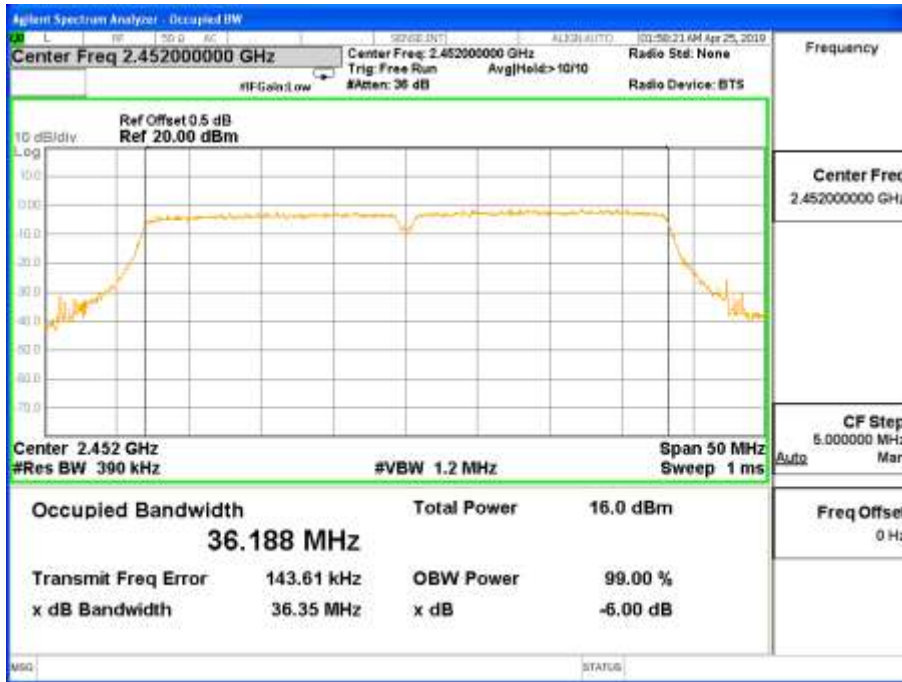


### 99% Bandwidth CH Middle





### 99% Bandwidth CH High





## 7 PEAK OUTPUT POWER TEST

### 7.1 APPLIED PROCEDURES / LIMIT

FCC Part15.247,Subpart C RSS-247 Issue 2				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(3) RSS-247 Clause 5.4(d)	Output Power	1 watt or 30dBm	2400-2483.5	PASS
RSS-247 Clause 5.4(d)	e.i.r.p.	4 watt or 36.02dBm	2400-2483.5	PASS

### 7.2 TEST PROCEDURE

- a. The EUT was directly connected to the Power Sensor&PC

### 7.3 DEVIATION FROM STANDARD

No deviation.

### 7.4 TEST SETUP



### 7.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.



7.6 TEST RESULTS

Temperature :	25°C	Relative Humidity :	60%
Test Voltage :	AC 120V/60Hz		

TX 802.11b Mode				
Test Channe	Frequency	Peak Conducted Output Power	Average Conducted Output Power	LIMIT
	(MHz)	(dBm)	(dBm)	dBm
CH01	2412	14.42	11.34	30
CH06	2437	15.87	12.79	30
CH11	2462	16.80	13.53	30
TX 802.11g Mode				
Test Channe	Frequency	Peak Conducted Output Power	Average Conducted Output Power	LIMIT
	(MHz)	(dBm)	(dBm)	dBm
CH01	2412	18.24	8.22	30
CH06	2437	19.48	9.53	30
CH11	2462	20.71	10.38	30
TX 802.11n(HT20) Mode				
Test Channe	Frequency	Peak Conducted Output Power	Average Conducted Output Power	LIMIT
	(MHz)	(dBm)	(dBm)	dBm
CH01	2412	17.53	7.28	30
CH06	2437	18.74	8.64	30
CH11	2462	20.09	10.17	30
TX 802.11n(HT40) Mode				
Test Channe	Frequency	Peak Conducted Output Power	Average Conducted Output Power	LIMIT
	(MHz)	(dBm)	(dBm)	dBm
CH03	2422	17.25	7.67	30
CH06	2437	18.19	8.31	30
CH09	2452	18.76	8.89	30

Note:

- 1) The cable loss and antenna gain are taken into account in results.
- 2) Antenna gain(G): 2.5 dBi
- 3) The max e.i.r.p = conducted power + antenna gain = 23.21 dBm



## 8 ANTENNA REQUIREMENT

### 8.1 STANDARD REQUIREMENT

15.203 and RSS-Gen Issue 5 requirement: For intentional device, according to 15.203 and RSS-Gen Issue 5: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

### 8.2 EUT ANTENNA

The EUT antenna is Integral Antenna. It complies with the standard requirement.

