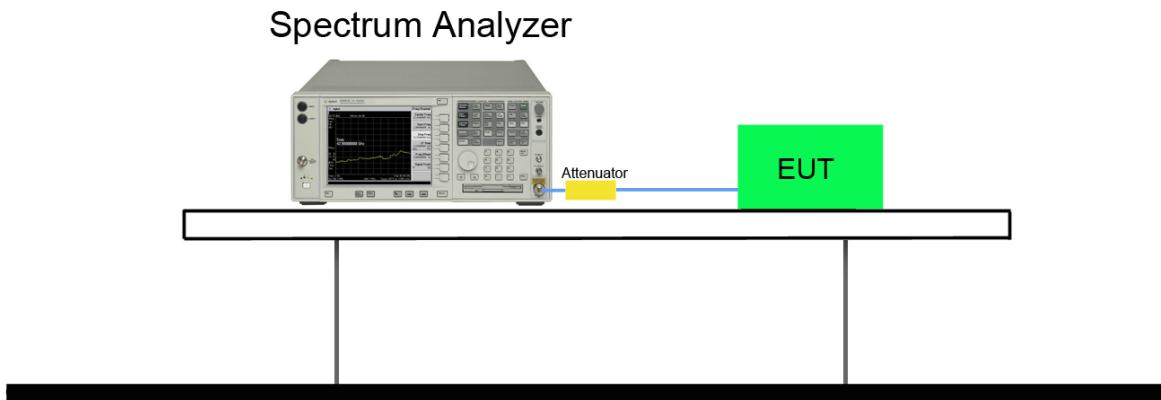


(h) The trace was allowed to stabilize

#### 7.5.4. Test Setup



### 7.5.5. Test Result

Test Mode	Data Rate (Mbps)	Channel No.	Frequency (MHz)	Limit	Result
802.11b	1	01	2412	20dBc	Pass
802.11b	1	06	2437	20dBc	Pass
802.11b	1	11	2462	20dBc	Pass
802.11g	6	01	2412	20dBc	Pass
802.11g	6	06	2437	20dBc	Pass
802.11g	6	11	2462	20dBc	Pass
802.11n-HT20	6.5	01	2412	20dBc	Pass
802.11n-HT20	6.5	06	2437	20dBc	Pass
802.11n-HT20	6.5	11	2462	20dBc	Pass
802.11n-HT40	13.5	03	2422	20dBc	Pass
802.11n-HT40	13.5	06	2437	20dBc	Pass
802.11n-HT40	13.5	09	2452	20dBc	Pass
BLE	1	00	2402	20dBc	Pass
BLE	1	19	2440	20dBc	Pass
BLE	1	39	2480	20dBc	Pass

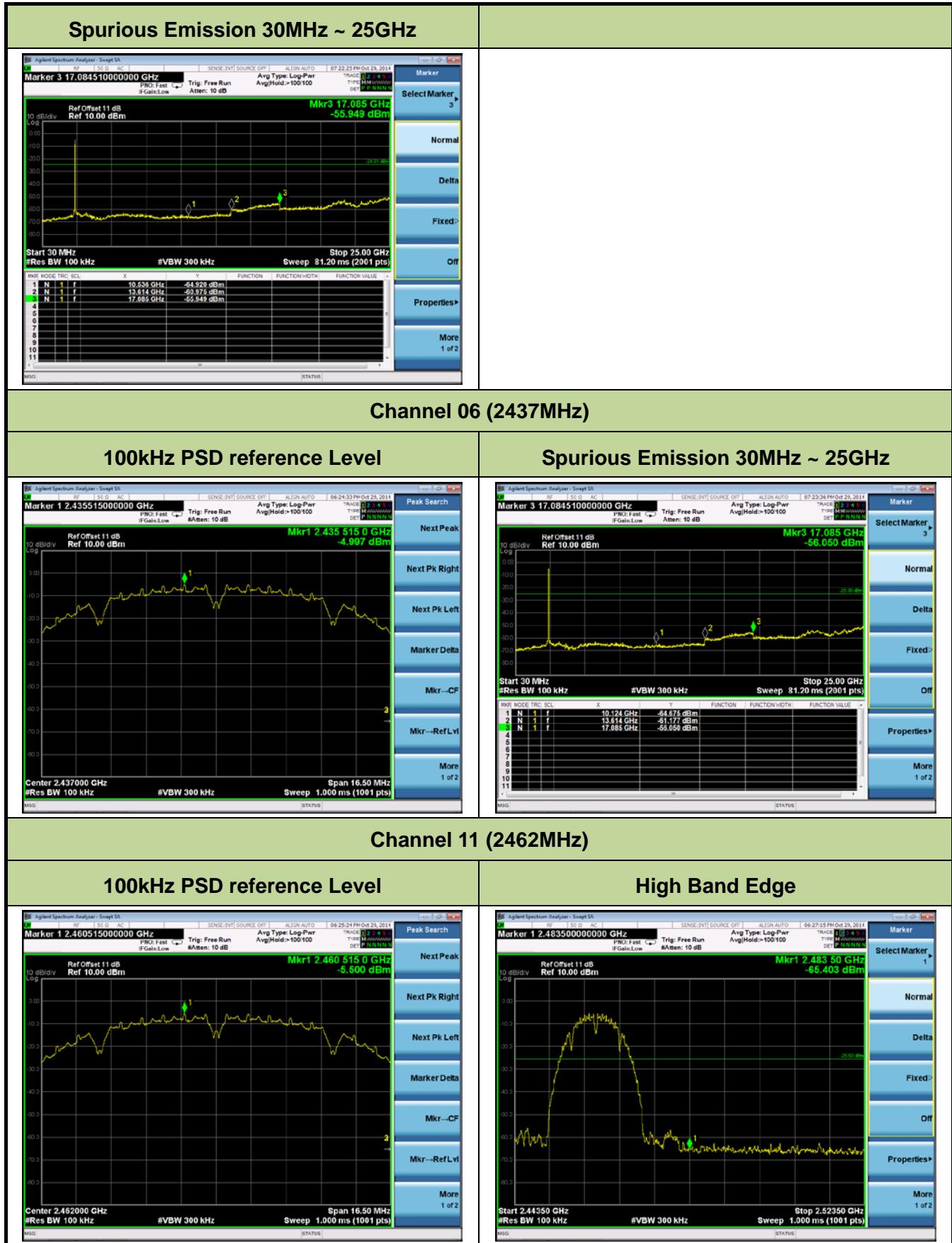
### 802.11b Out-of-Band Emissions

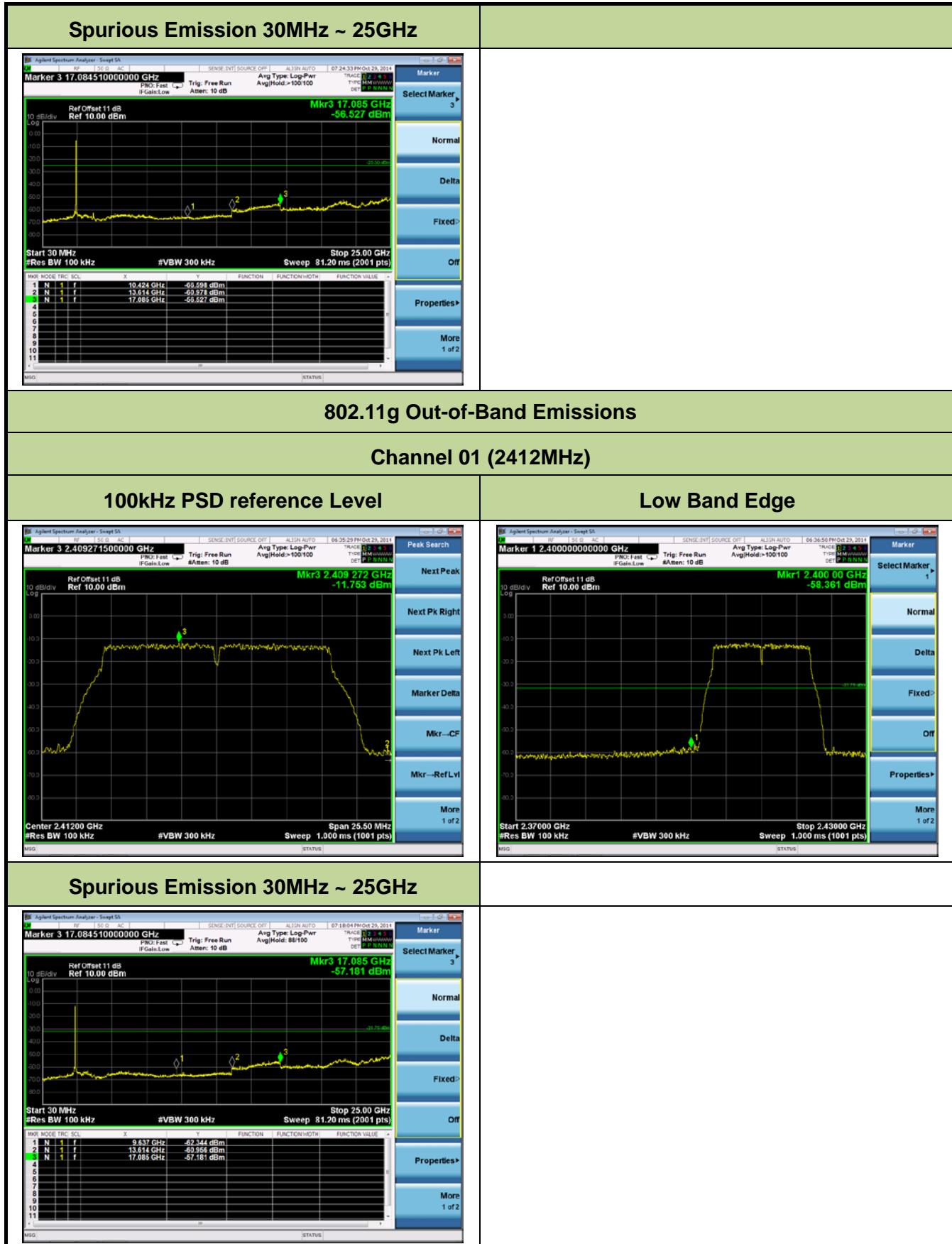
#### Channel 01 (2412MHz)

##### 100kHz PSD reference Level

##### Low Band Edge

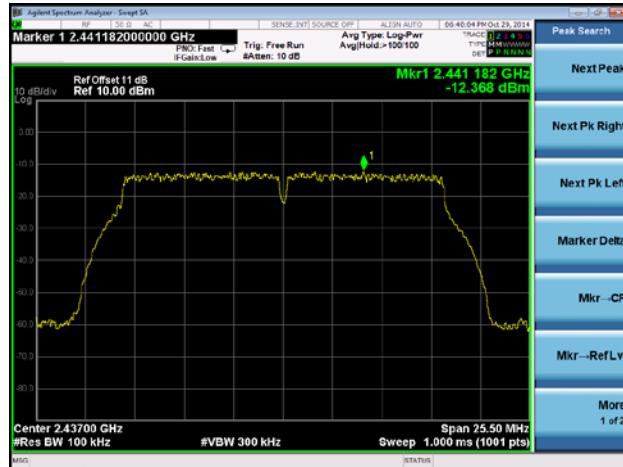




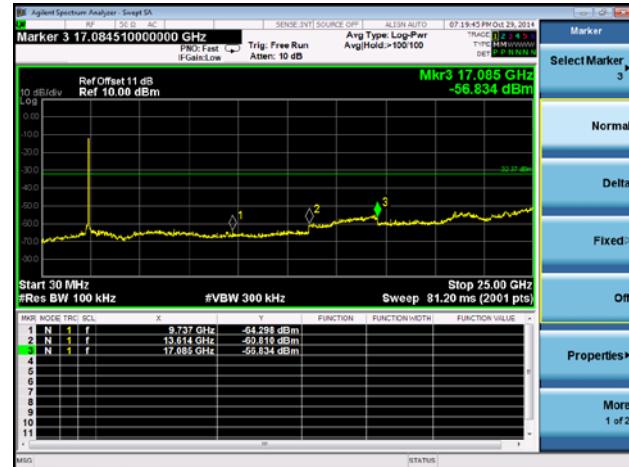


### Channel 06 (2437MHz)

#### 100kHz PSD reference Level

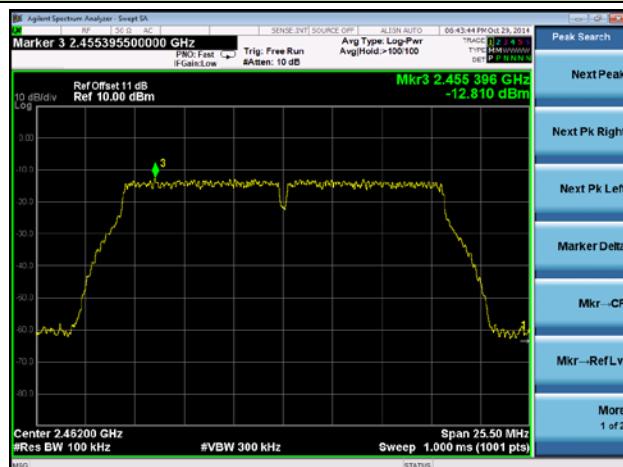


#### Spurious Emission 30MHz ~ 25GHz

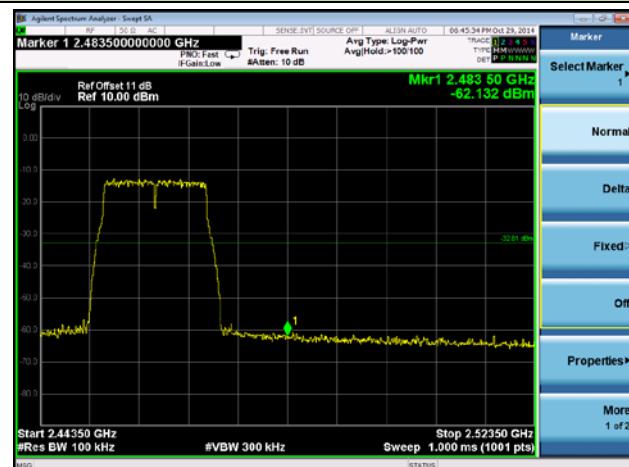


### Channel 11 (2462MHz)

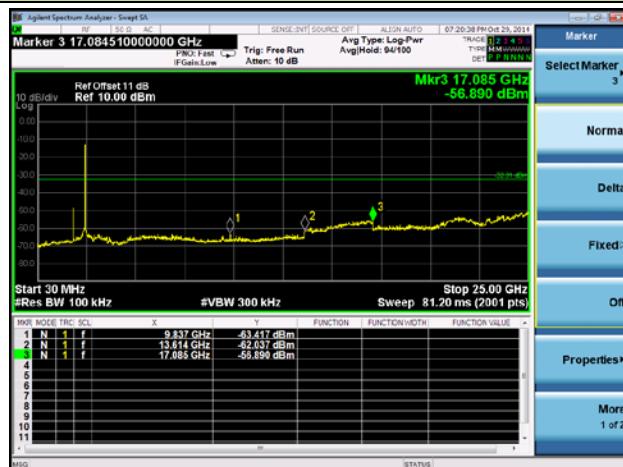
#### 100kHz PSD reference Level



#### High Band Edge



#### Spurious Emission 30MHz ~ 25GHz



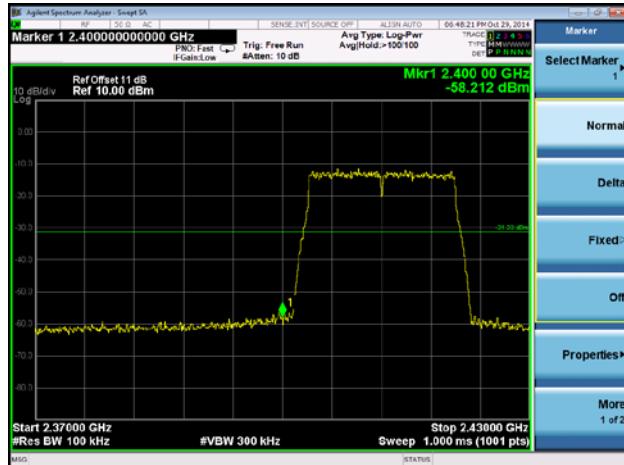
## 802.11n-HT20 Out-of-Band Emissions

### Channel 01 (2412MHz)

#### 100kHz PSD reference Level



#### Low Band Edge



### Spurious Emission 30MHz ~ 25GHz



### Channel 06 (2437MHz)

#### 100kHz PSD reference Level

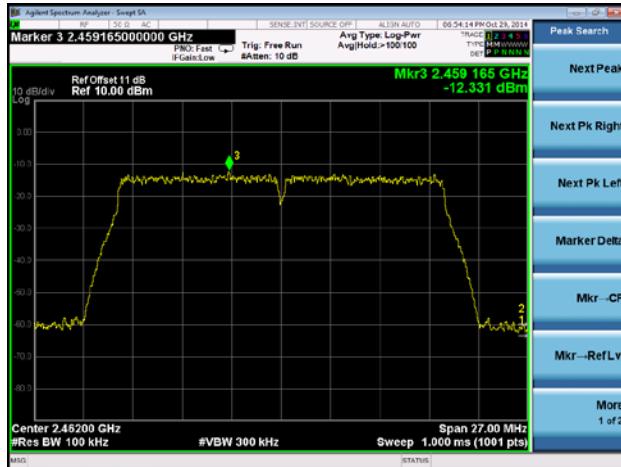


#### Spurious Emission 30MHz ~ 25GHz

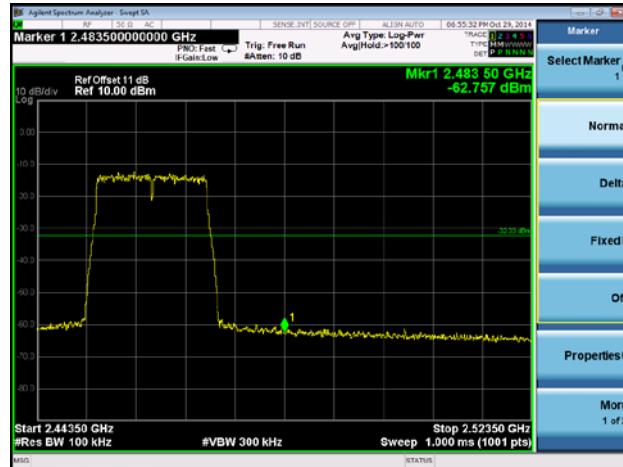


## Channel 11 (2462MHz)

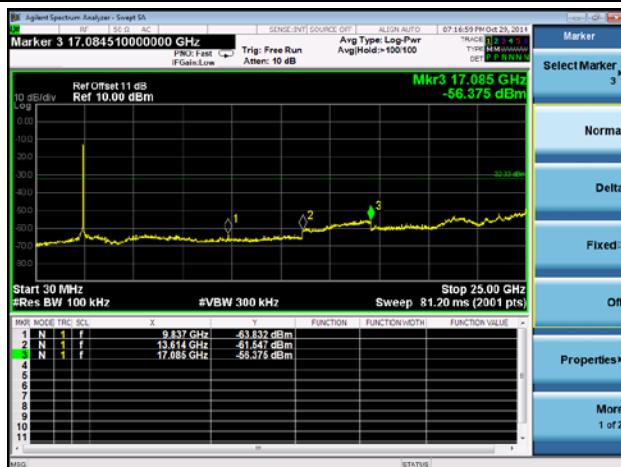
### 100kHz PSD reference Level



### High Band Edge



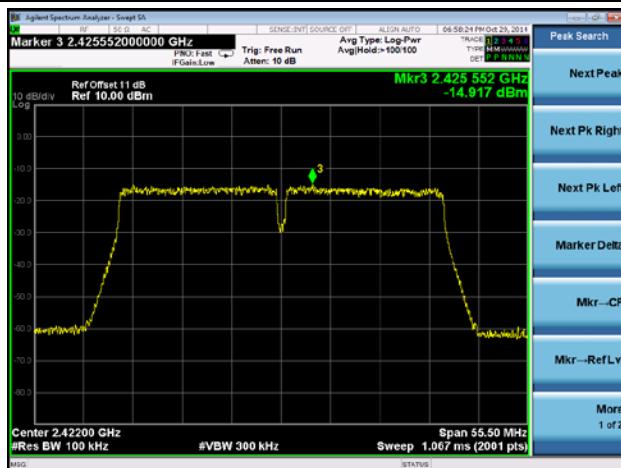
### Spurious Emission 30MHz ~ 25GHz



### 802.11n-HT40 Out-of-Band Emissions

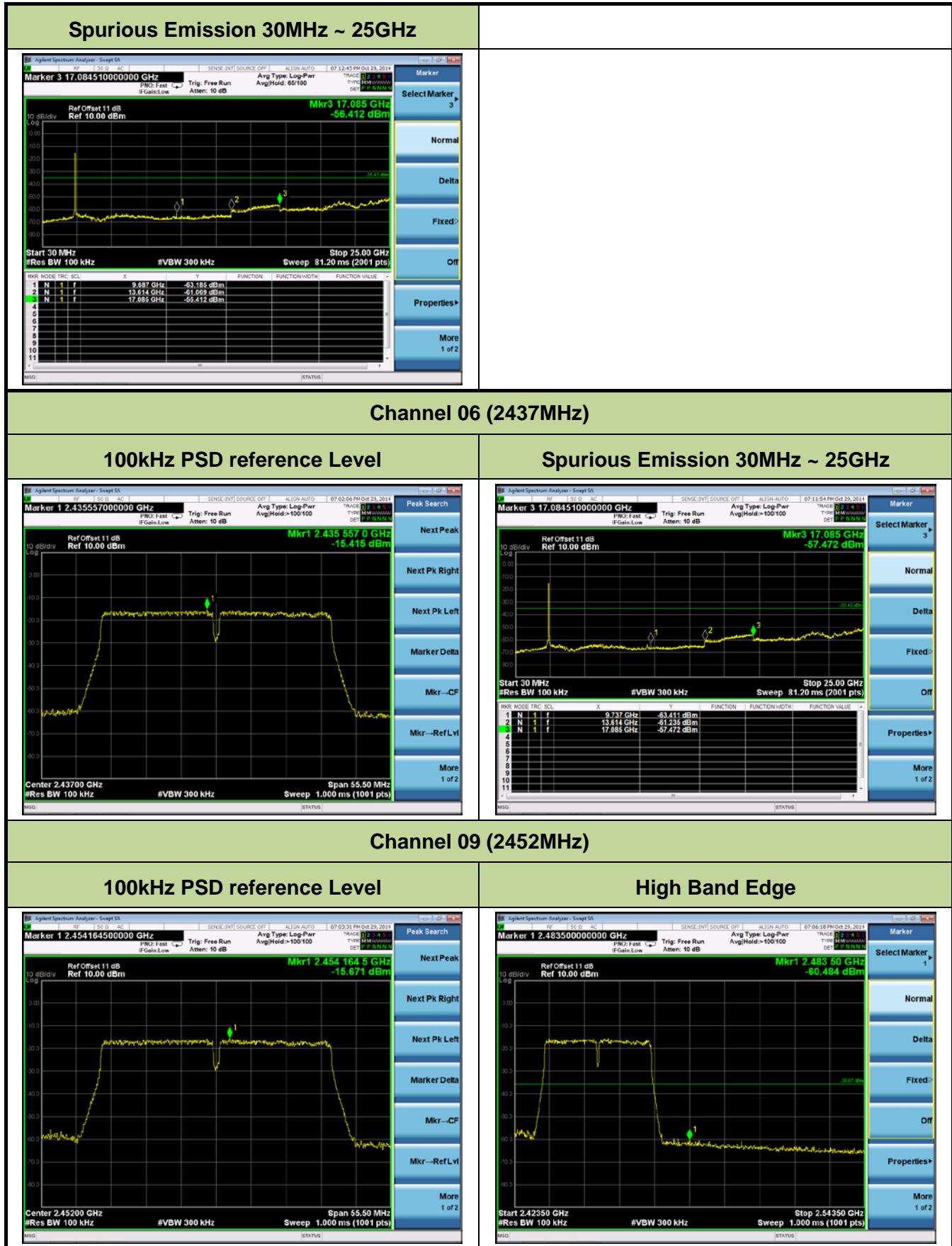
### Channel 03 (2422MHz)

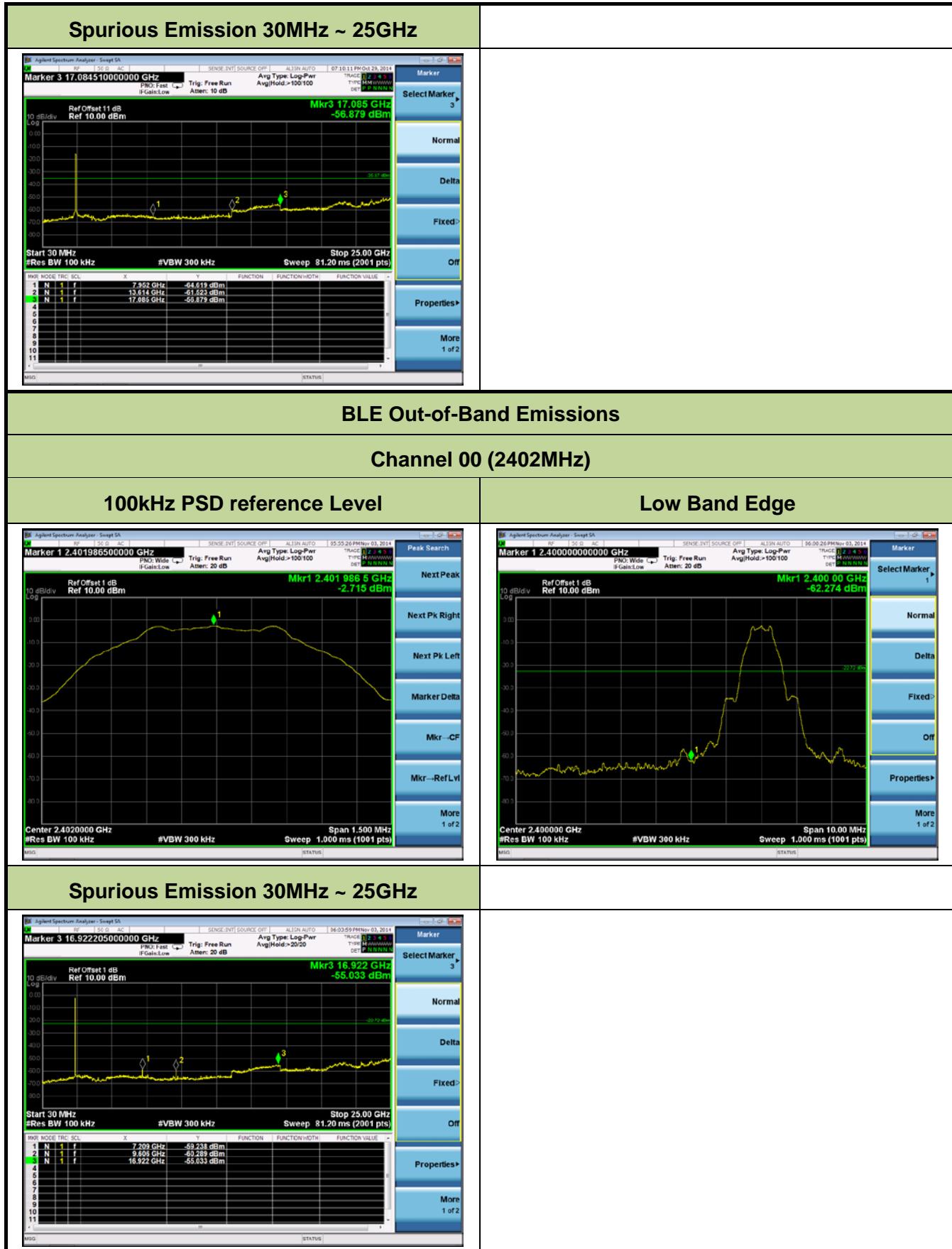
### 100kHz PSD reference Level



### Low Band Edge





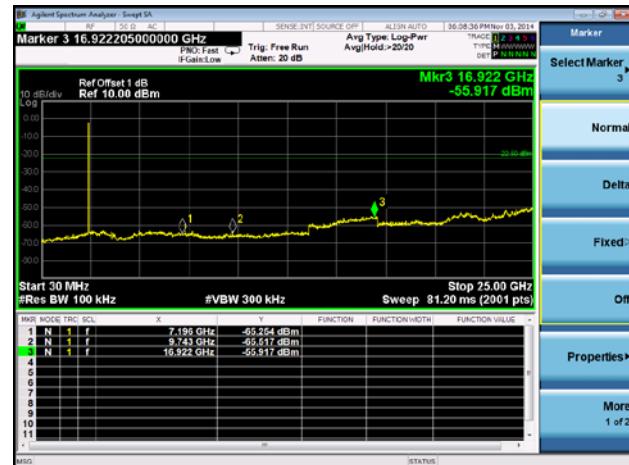


### Channel 19 (2440MHz)

#### 100kHz PSD reference Level



#### Spurious Emission 30MHz ~ 25GHz



### Channel 39 (2480MHz)

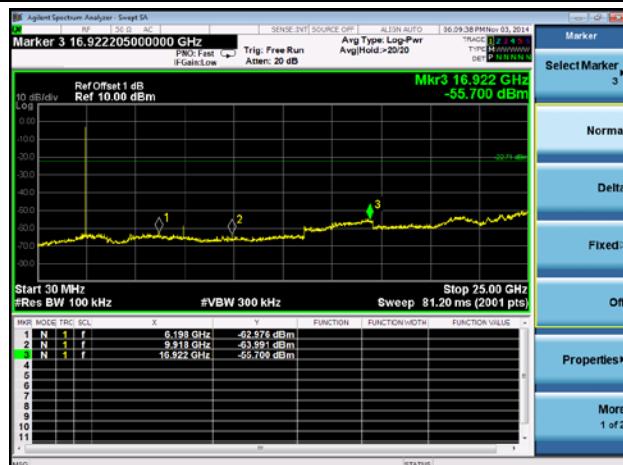
#### 100kHz PSD reference Level



#### High Band Edge



### Spurious Emission 30MHz ~ 25GHz



## 7.6. Radiated Spurious Emission Measurement

### 7.6.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [V/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

### 7.6.2. Test Procedure Used

KDB 558074 D01v03r02 - Section 12.2.3 (quasi-peak measurements)

KDB 558074 D01v03r02 - Section 12.2.4 (peak power measurements)

KDB 558074 D01v03r02 - Section 12.2.5 (average power measurements)

### 7.6.3. Test Setting

#### Peak Field Strength Measurements per Section 12.2.4 of KDB 558074 D01v03r02

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = as specified in Table 1
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple

6. Trace mode = max hold
7. Trace was allowed to stabilize

**Table 1 - RBW as a function of frequency**

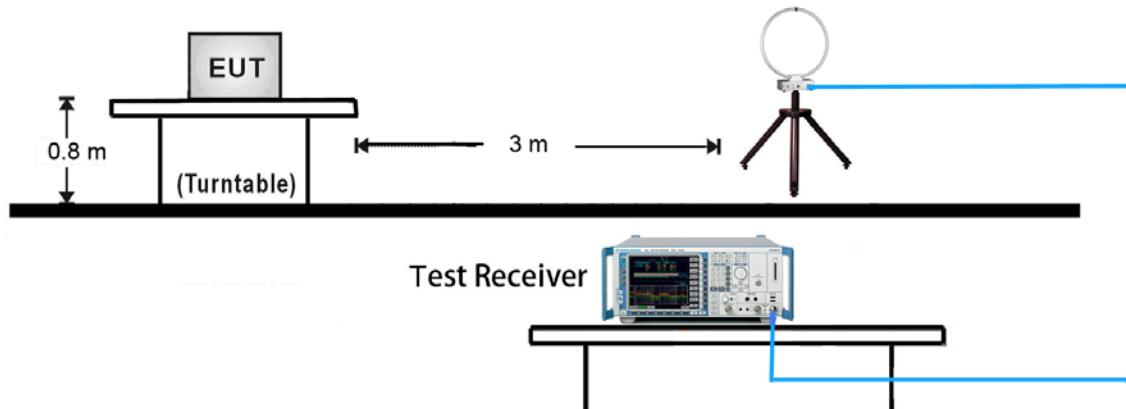
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

**Average Field Strength Measurements per Section 12.2.5.1 of KDB 558074 D01v03r02**

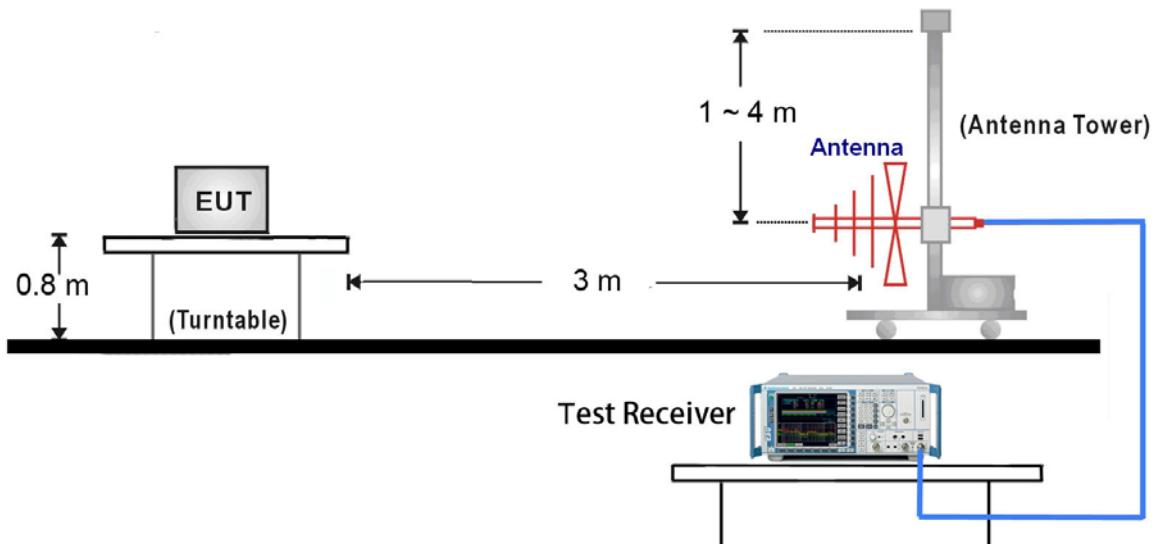
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW  $\geq 1/T$
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

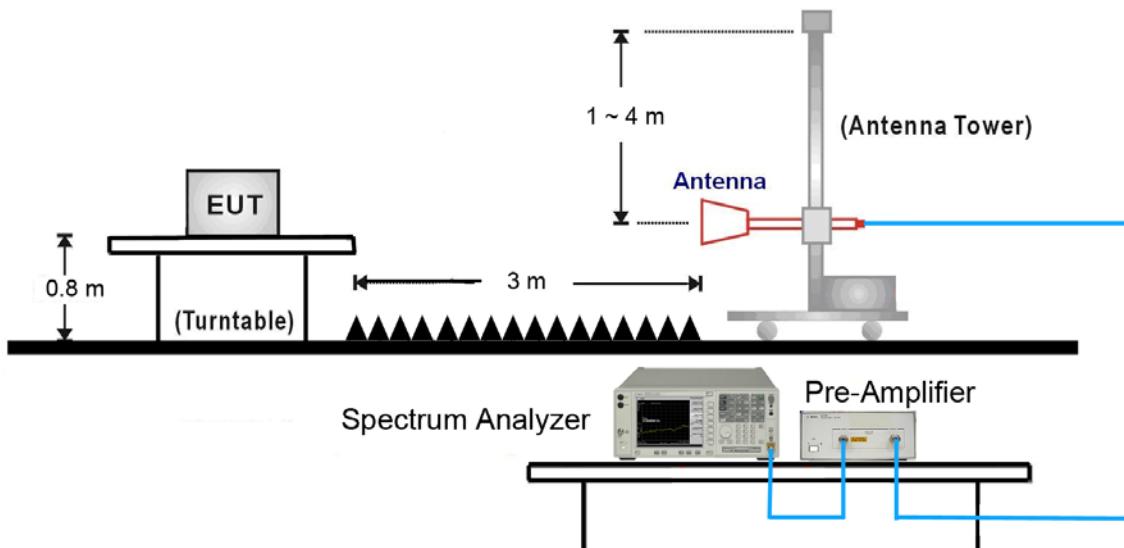
#### 7.6.4. Test Setup

##### 9kHz ~ 30MHz Test Setup:



##### 30MHz ~ 1GHz Test Setup:



1GHz ~ 25GHz Test Setup:

### 7.6.5. Test Result

Test Mode:	802.11g	Test Site:	AC1
Test Channel:	06	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. <b>2. The worst case of Radiated Spurious Emission.</b> 3. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
*	3059.0	36.1	3.5	39.6	74.6	-35.0	Peak	Horizontal
*	3398.0	36.0	3.3	39.3	74.6	-35.3	Peak	Horizontal
	4874.0	38.1	6.6	44.7	74.0	-29.3	Peak	Horizontal
	7311.0	34.8	14.0	48.8	74.0	-25.2	Peak	Horizontal
*	3056.0	36.8	3.5	40.3	74.6	-34.3	Peak	Vertical
*	3441.0	37.1	3.5	40.6	74.6	-34.0	Peak	Vertical
	4874.0	39.5	6.6	46.1	74.0	-27.9	Peak	Vertical
	7311.0	35.5	14.0	49.5	74.0	-24.5	Peak	Vertical

Note 1: “\*\*” is not in restricted band, its limit is 20dBc of the fundamental emission level (94.6dB $\mu$ V/m).

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Test Mode:	BLE	Test Site:	AC1
Test Channel:	00	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. <b>2. The worst case of Radiated Spurious Emission.</b> 3. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
*	3110.0	37.8	3.5	41.3	66.7	-25.4	Peak	Horizontal
*	3445.0	37.4	3.5	40.9	66.7	-25.8	Peak	Horizontal
	4804.0	36.5	6.4	42.9	74.0	-30.5	Peak	Horizontal
	7206.0	35.6	13.6	49.2	74.0	-26	Peak	Horizontal
*	3056.0	36.4	3.5	39.9	66.7	-26.8	Peak	Vertical
*	3478.0	36.1	3.7	39.8	66.7	-26.9	Peak	Vertical
	4804.0	35.6	6.4	42.0	74.0	-31.3	Peak	Vertical
	7206.0	35.4	13.6	49.0	74.0	-25.7	Peak	Vertical

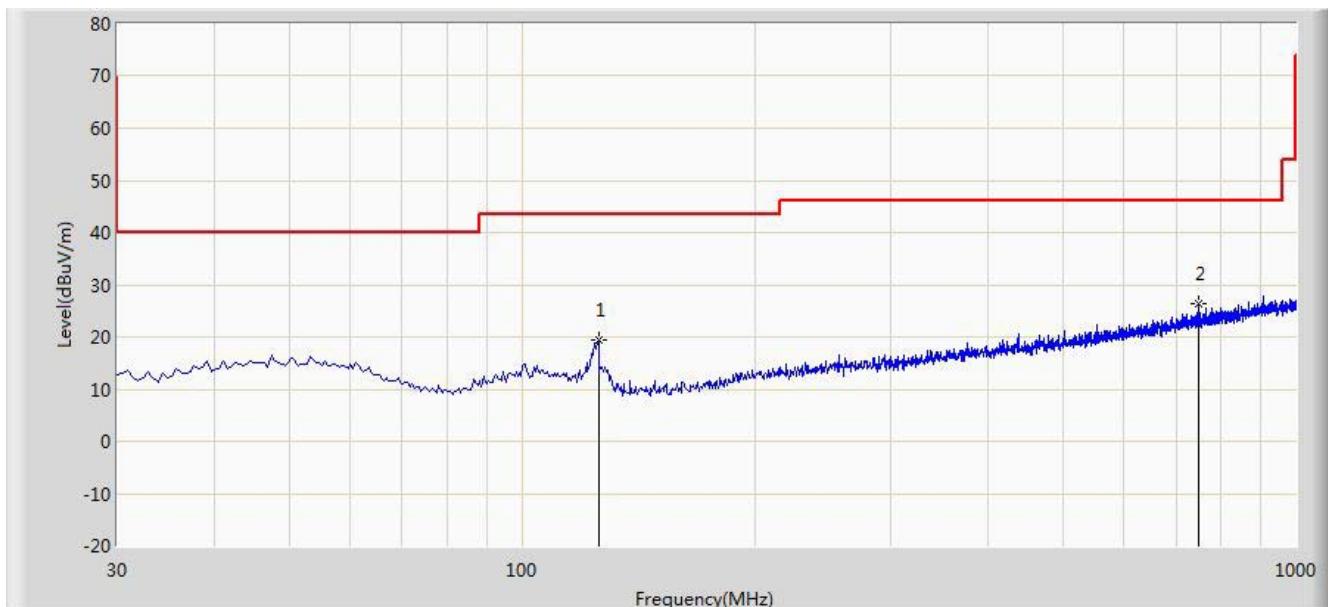
Note 1: “\*\*” is not in restricted band, its limit is 20dBc of the fundamental emission level (86.7dB $\mu$ V/m).

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

**The worst case of Radiated Emission below 1GHz:**

Engineer: Milo Li	
Site: AC1	Time: 2014/10/27 - 10:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Worst Case Mode:** 802.11b at channel 2412MHz


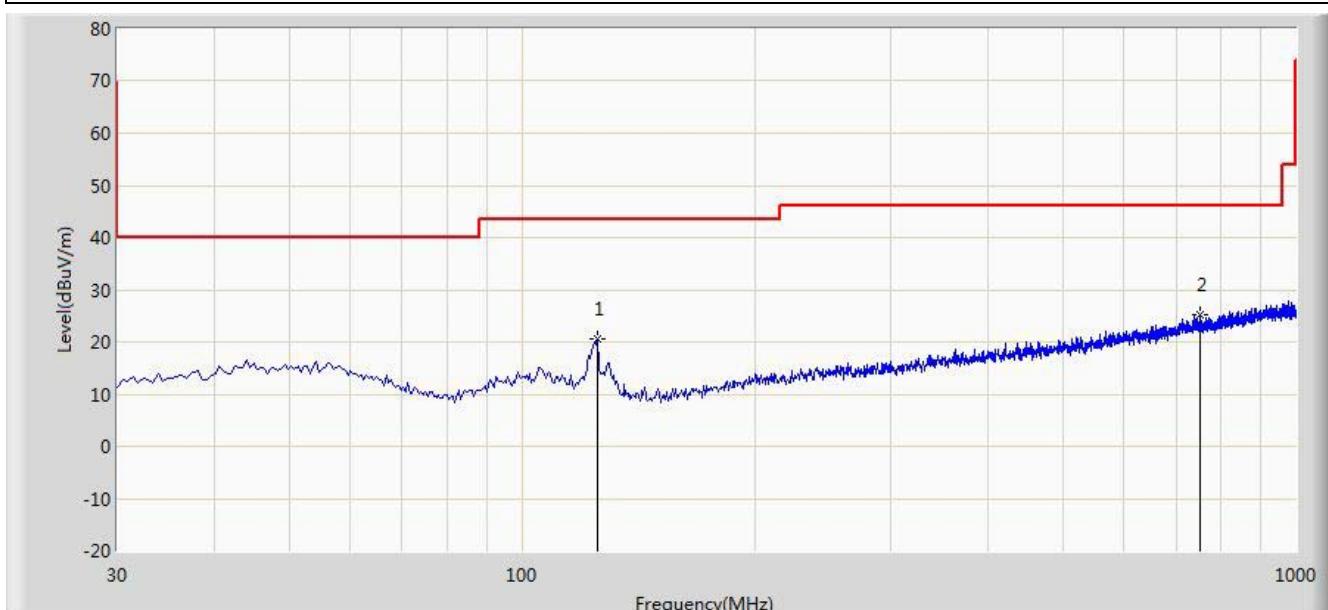
No	Flag	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Over Limit (dB)	Limit (dB $\mu$ V/m)	Factor (dB)	Type
1			125.545	19.553	9.372	-23.947	43.500	10.181	QP
2	*	*	750.225	26.391	4.858	-19.609	46.000	21.532	QP

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/27 - 10:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Worst Case Mode:** 802.11b at channel 2412MHz



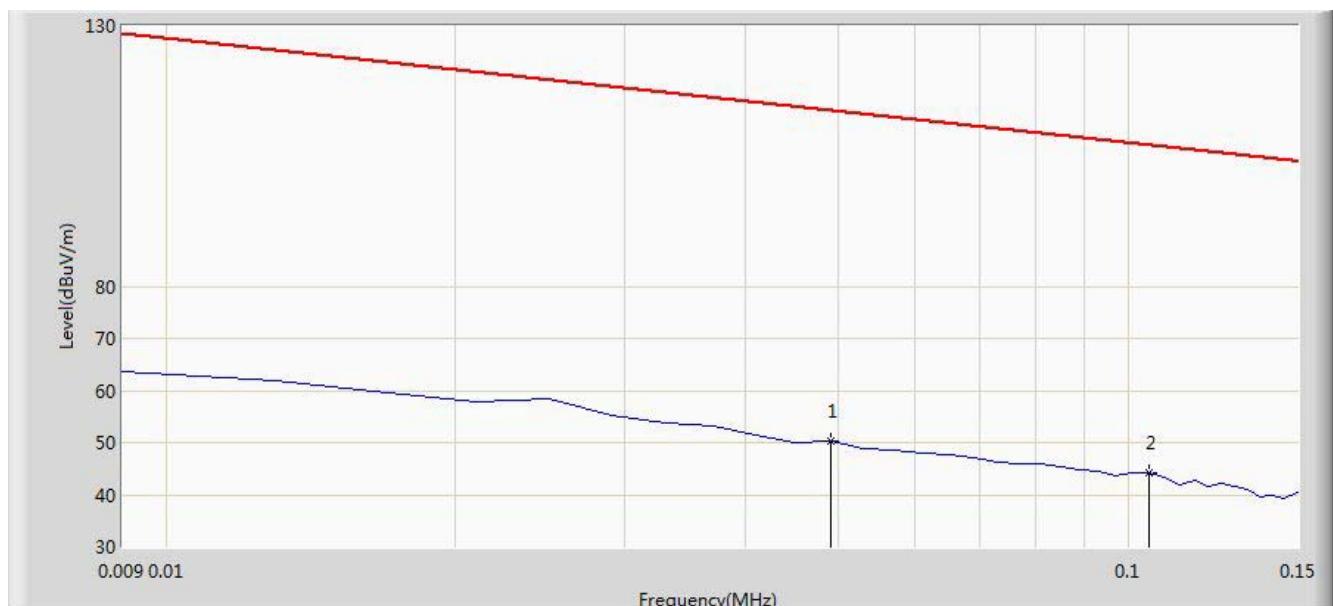
No	Flag	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Over Limit (dB)	Limit (dB $\mu$ V/m)	Factor (dB)	Type
1			125.060	20.644	10.391	-22.856	43.500	10.253	QP
2	*	*	751.195	25.296	3.749	-20.704	46.000	21.547	QP

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Roy Cheng	
Site: AC1	Time: 2014/10/27 - 16:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: FMZB1519_0.009-30MHz	Polarity: Face On
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Note:** There is the ambient noise within frequency range 9kHz~30MHz.



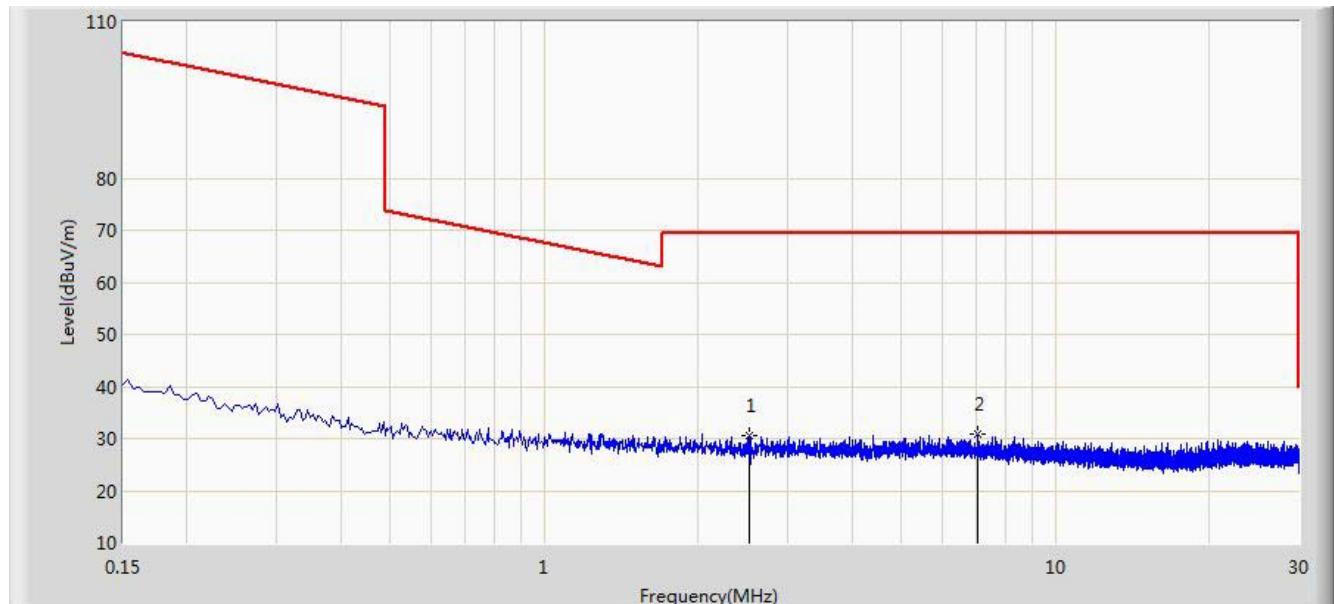
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.049	50.367	29.861	-63.422	113.789	20.505	QP
2		*	0.105	44.143	23.996	-63.029	107.173	20.147	QP

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Roy Cheng	
Site: AC1	Time: 2014/10/27 - 16:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: FMZB1519_0.009-30MHz	Polarity: Face On
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Note:** There is the ambient noise within frequency range 9kHz~30MHz.



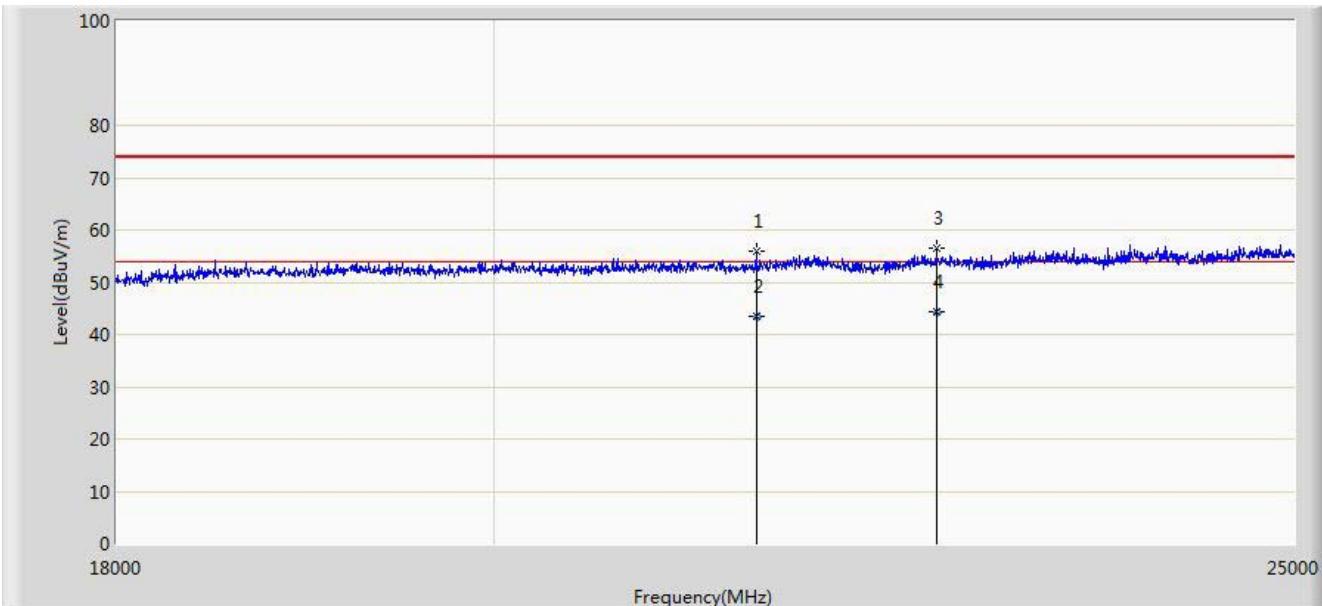
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2.513	30.495	10.336	-39.005	69.500	20.159	QP
2	*		7.041	30.974	10.579	-38.526	69.500	20.395	QP

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Roy Cheng	
Site: AC1	Time: 2014/10/27 - 17:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Note:** There is the ambient noise within frequency range 18 ~ 25GHz.



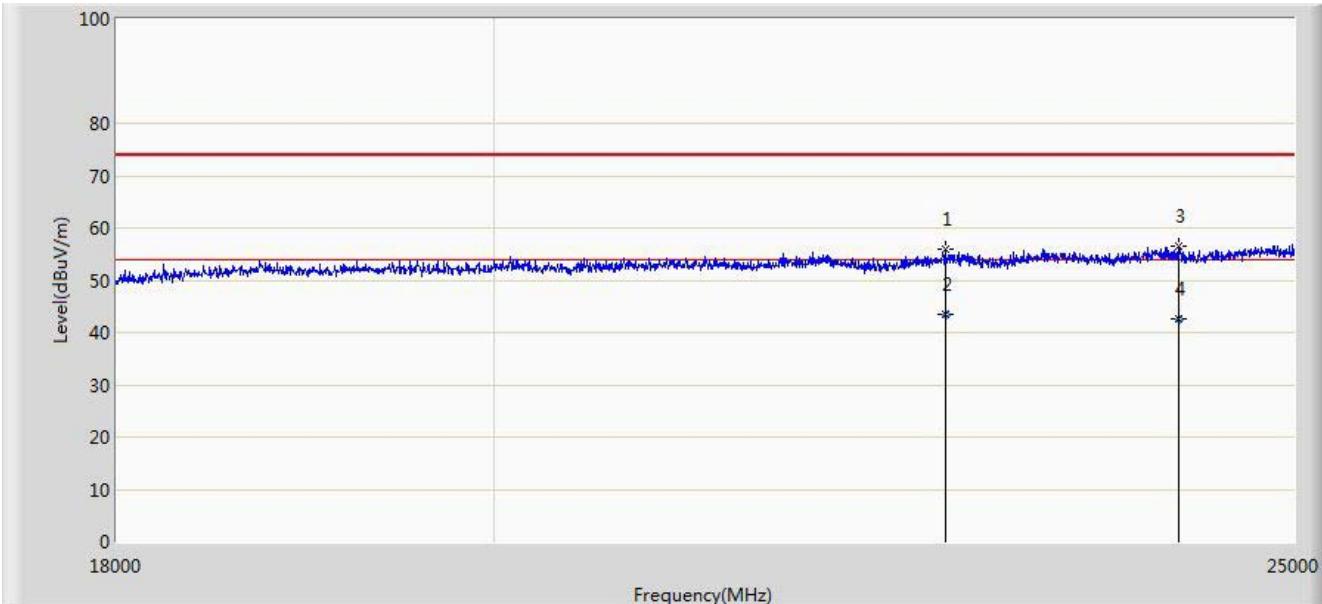
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			21517.500	55.869	17.883	-18.131	74.000	37.986	PK
2			21517.650	43.351	5.365	-10.649	54.000	37.986	AV
3			22630.500	56.509	18.223	-17.491	74.000	38.286	PK
4	*		22630.540	44.310	6.024	-9.690	54.000	38.286	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Roy Cheng	
Site: AC1	Time: 2014/10/27 - 17:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Note:** There is the ambient noise within frequency range 18 ~ 25GHz.



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			22686.500	55.811	17.457	-18.189	74.000	38.354	PK
2		*	22686.540	43.598	5.244	-10.402	54.000	38.354	AV
3			24205.500	56.430	17.607	-17.570	74.000	38.823	PK
4			24205.658	42.518	3.695	-11.482	54.000	38.823	AV

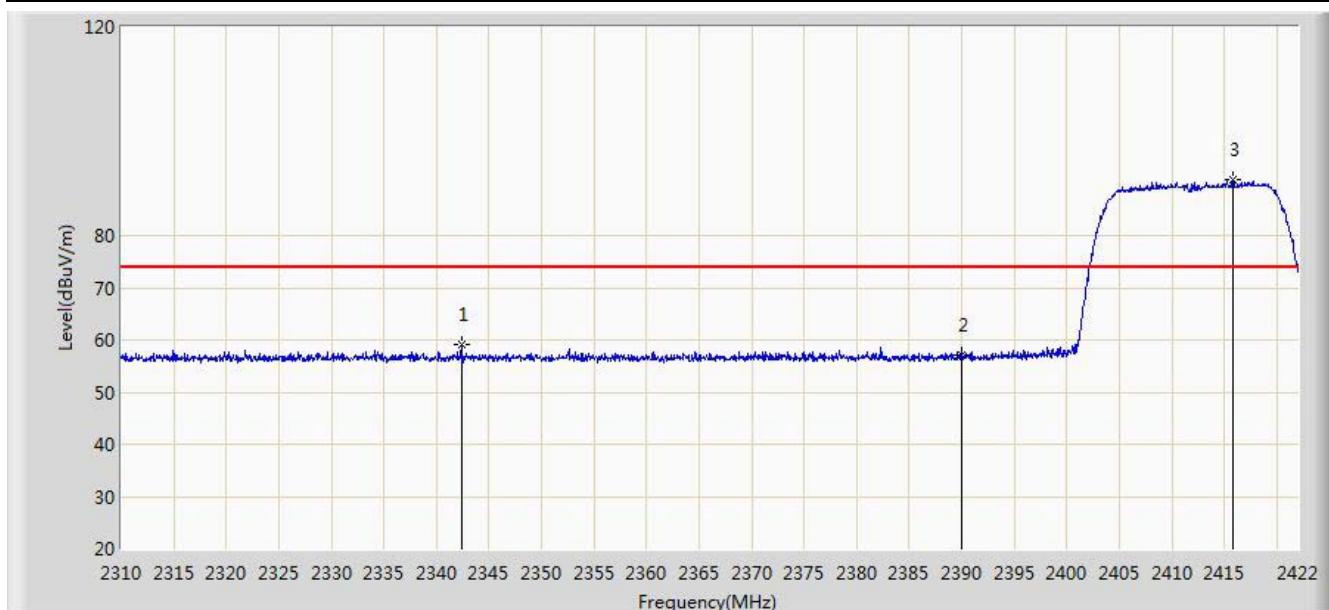
Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

## 7.7. Radiated Restricted Band Edge Measurement

### 7.7.1. Test Result

Engineer: Milo Li	
Site: AC1	Time: 2014/10/27 - 12:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 7 Inch Tablet	Power: AC 120V/60Hz
<b>Worst Case Mode:</b> 802.11g at channel 2412MHz	



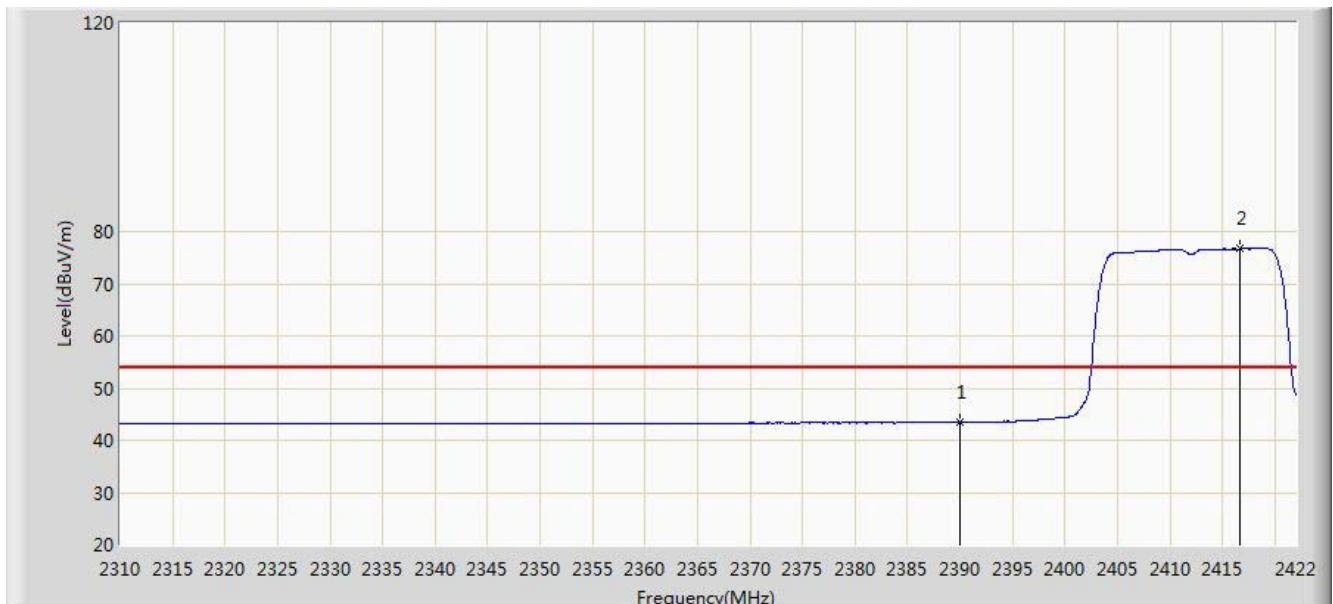
No	Flag	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Over Limit (dB)	Limit (dB $\mu$ V/m)	Factor (dB)	Type
1			2342.368	59.184	28.372	-14.816	74.000	30.813	PK
2			2390.000	56.998	26.314	-17.002	74.000	30.684	PK
3		*	2415.840	90.649	60.010	N/A	N/A	30.639	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/27 - 12:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Worst Case Mode:** 802.11g at channel 2412MHz



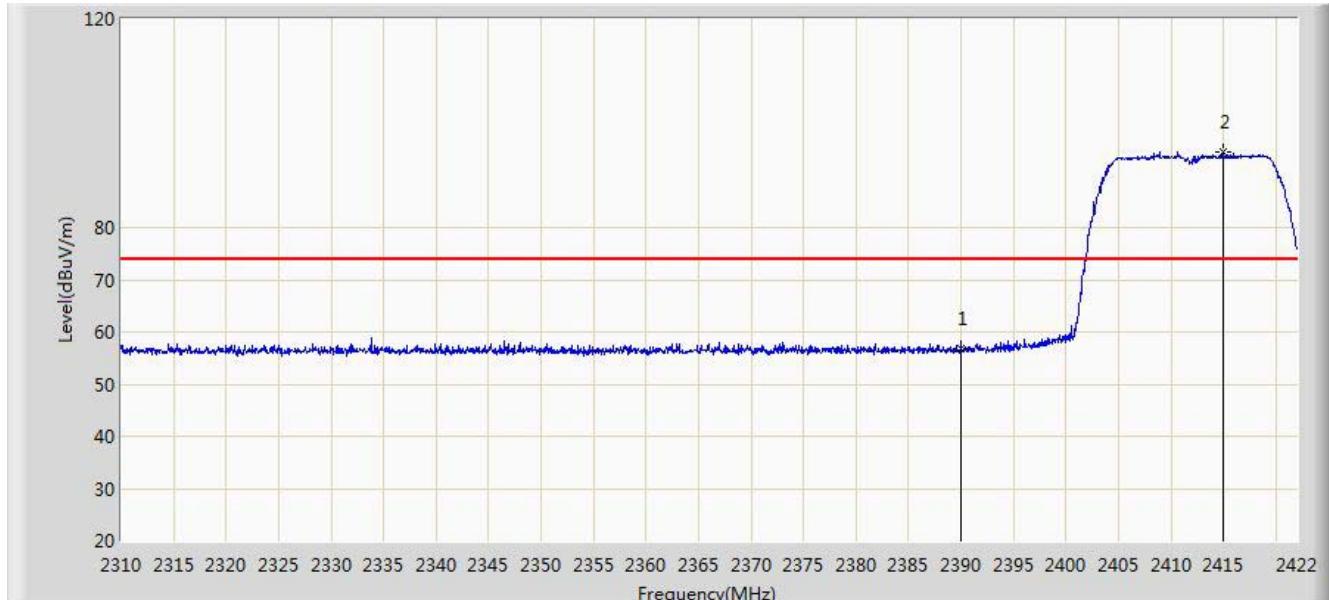
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.400	12.716	-10.600	54.000	30.684	AV
2	*		2416.680	76.704	46.067	N/A	N/A	30.638	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/27 - 12:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Worst Case Mode:** 802.11g at channel 2412MHz



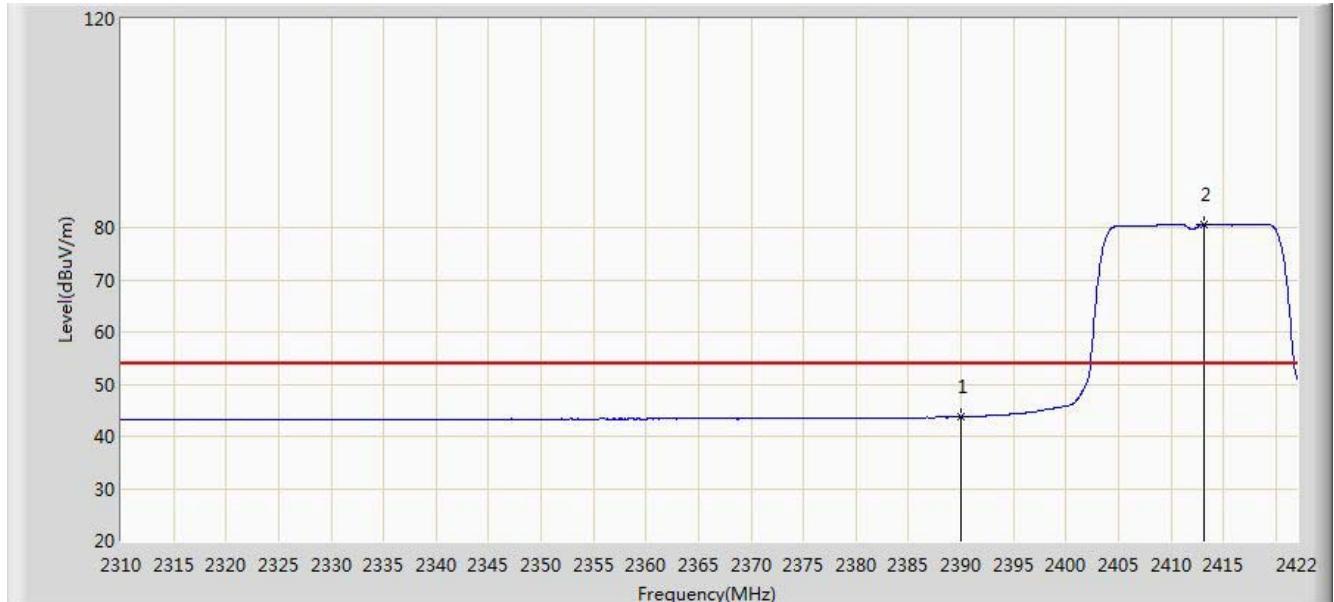
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	56.850	26.166	-17.150	74.000	30.684	PK
2	*		2415.000	94.593	63.953	N/A	N/A	30.640	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/27 - 13:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Worst Case Mode:** 802.11g at channel 2412MHz



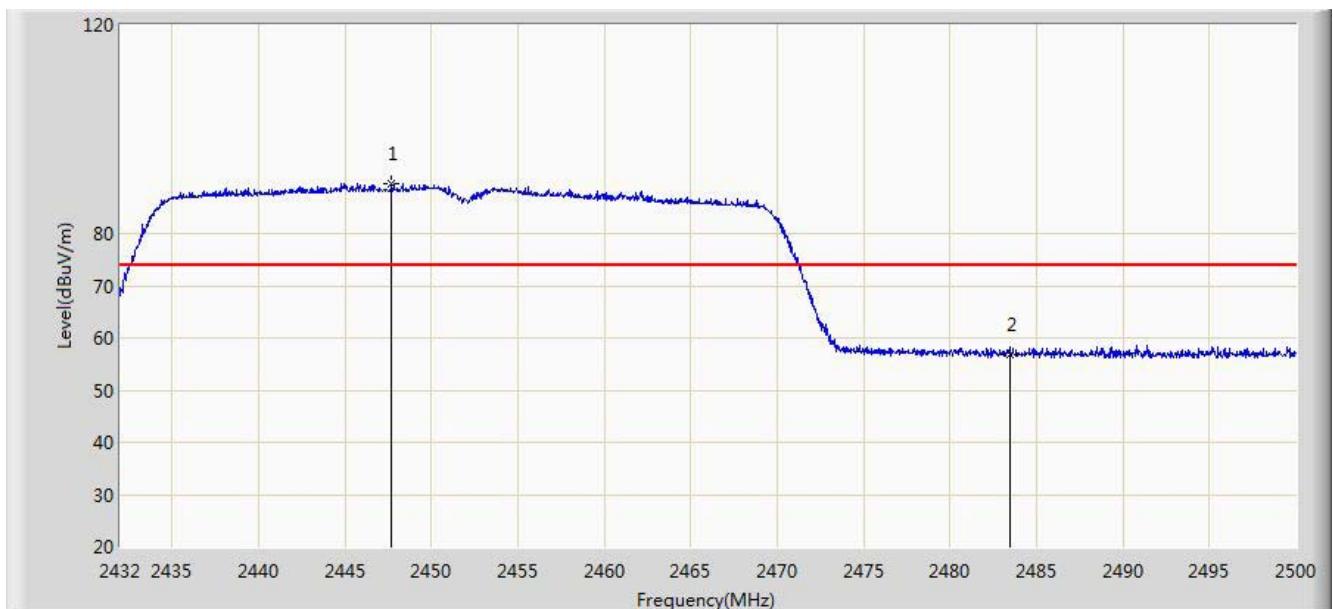
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.762	13.078	-10.238	54.000	30.684	AV
2		*	2413.208	80.567	49.924	N/A	N/A	30.643	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/27 - 13:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Worst Case Mode:** 802.11n-HT40 at channel 2452MHz



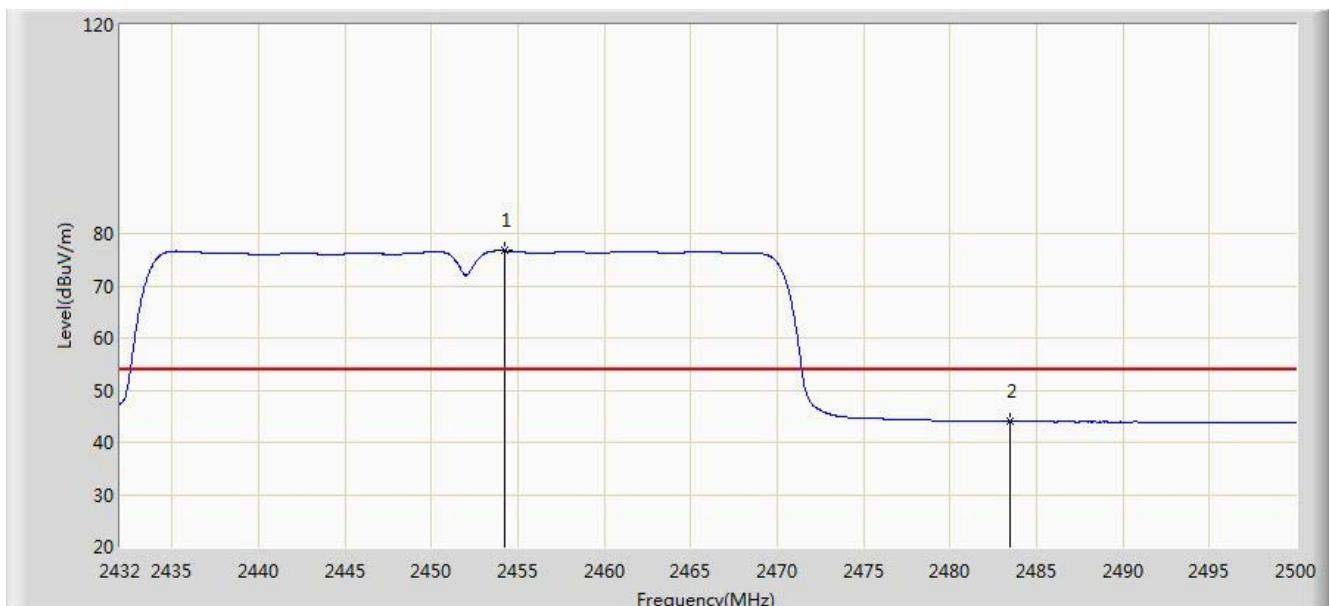
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2447.708	89.438	58.848	N/A	N/A	30.590	PK
2			2483.500	56.888	26.215	-17.112	74.000	30.673	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/27 - 13:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Worst Case Mode:** 802.11n-HT40 at channel 2452MHz



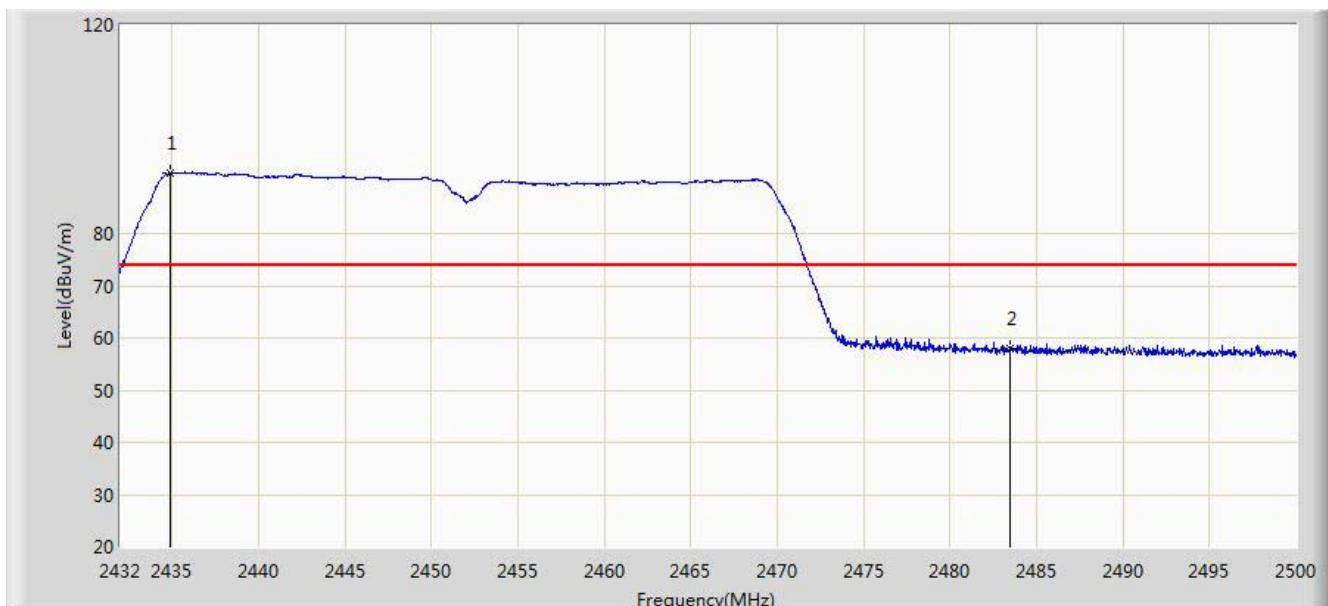
No	Flag	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Over Limit (dB)	Limit (dB $\mu$ V/m)	Factor (dB)	Type
1		*	2454.270	76.686	46.086	N/A	N/A	30.599	AV
2			2483.500	44.001	13.328	-9.999	54.000	30.673	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/27 - 13:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Worst Case Mode:** 802.11n-HT40 at channel 2452MHz



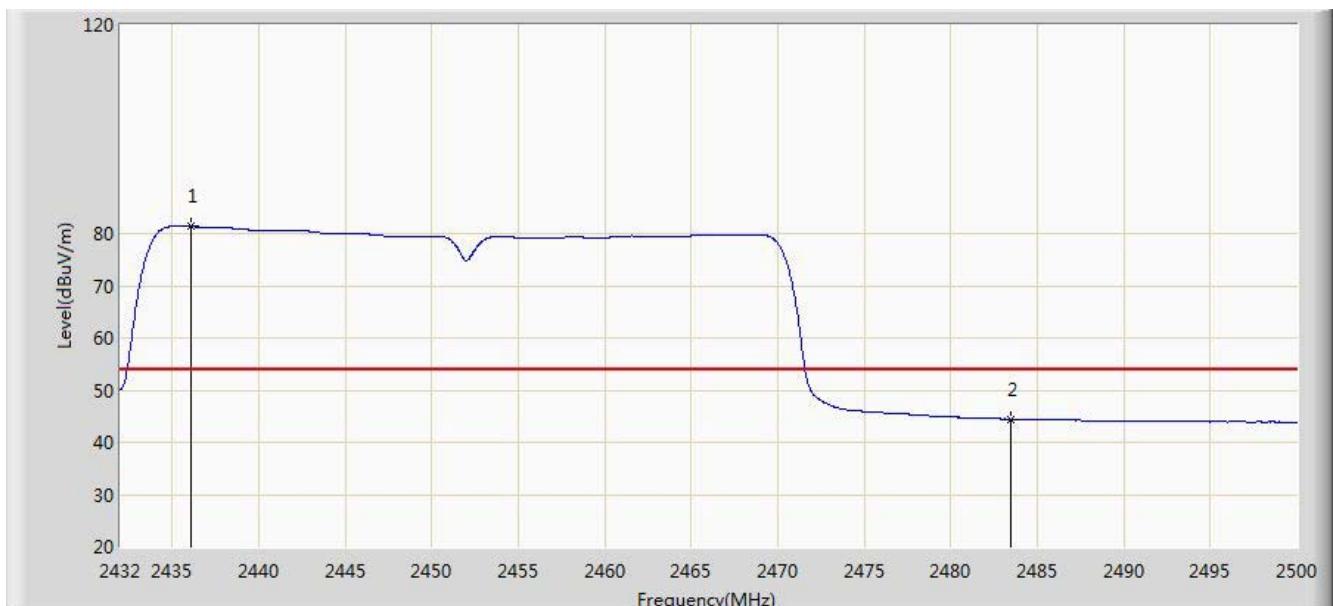
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2434.924	91.591	60.983	N/A	N/A	30.607	PK
2			2483.500	58.005	27.332	-15.995	74.000	30.673	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/27 - 13:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Worst Case Mode:** 802.11n-HT40 at channel 2452MHz



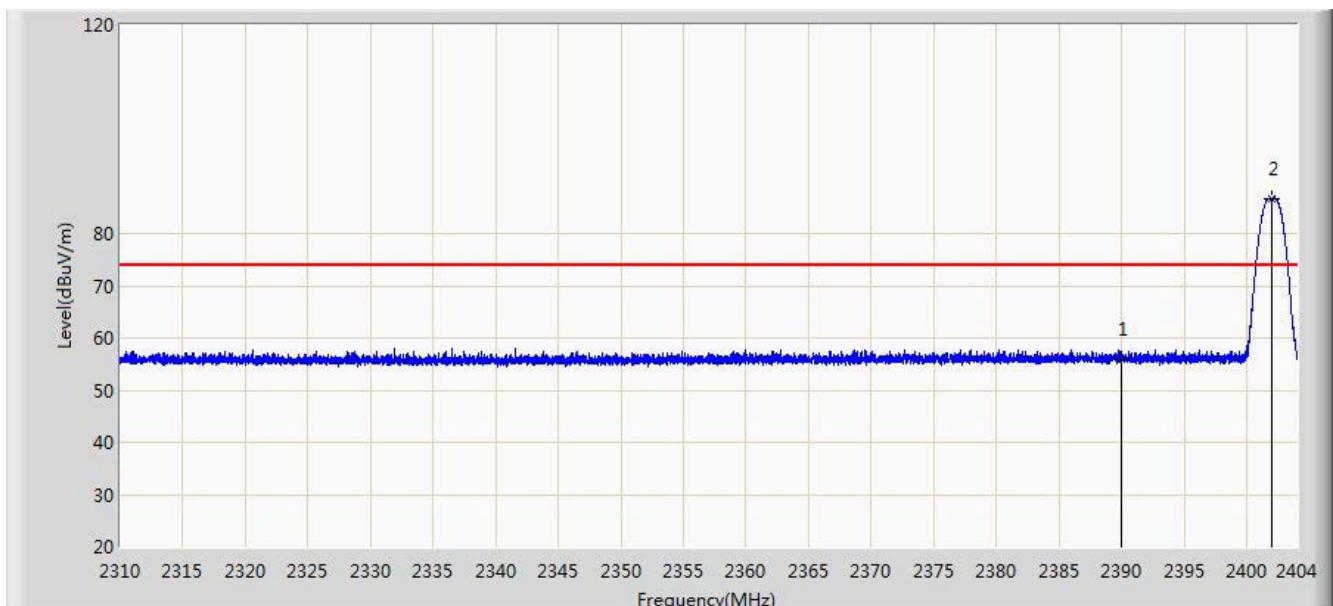
No	Flag	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Over Limit (dB)	Limit (dB $\mu$ V/m)	Factor (dB)	Type
1		*	2436.080	81.349	50.743	N/A	N/A	30.605	AV
2			2483.500	44.441	13.768	-9.559	54.000	30.673	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/28 - 09:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Test Mode:** BLE at channel 2402MHz



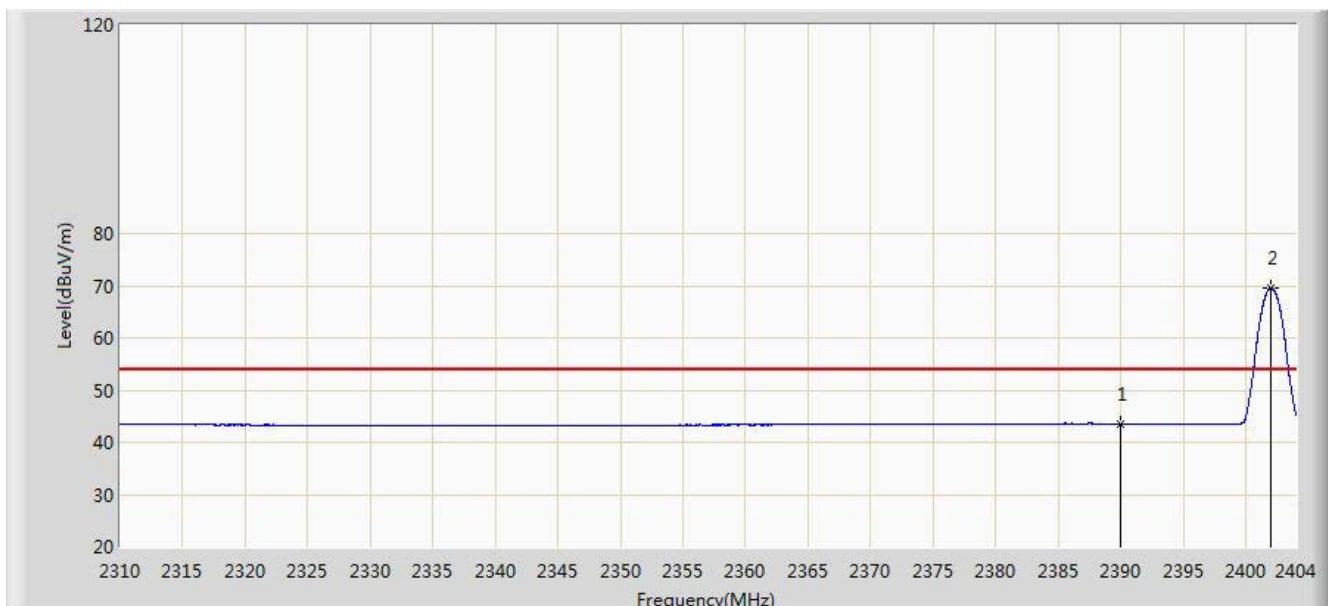
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	55.944	25.260	-18.056	74.000	30.684	PK
2	*		2402.038	86.706	56.045	N/A	N/A	30.662	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/28 - 09:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Test Mode:** BLE at channel 2402MHz



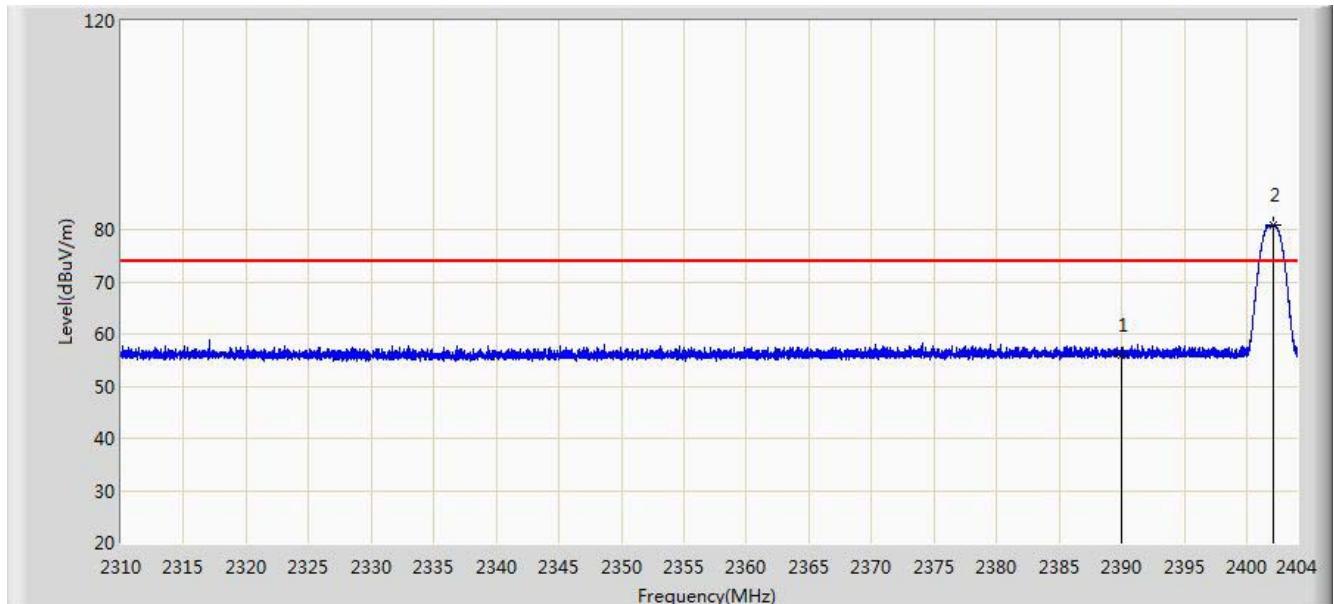
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.535	12.851	-10.465	54.000	30.684	AV
2	*	*	2402.038	69.561	38.900	N/A	N/A	30.662	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/28 - 09:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Test Mode:** BLE at channel 2402MHz



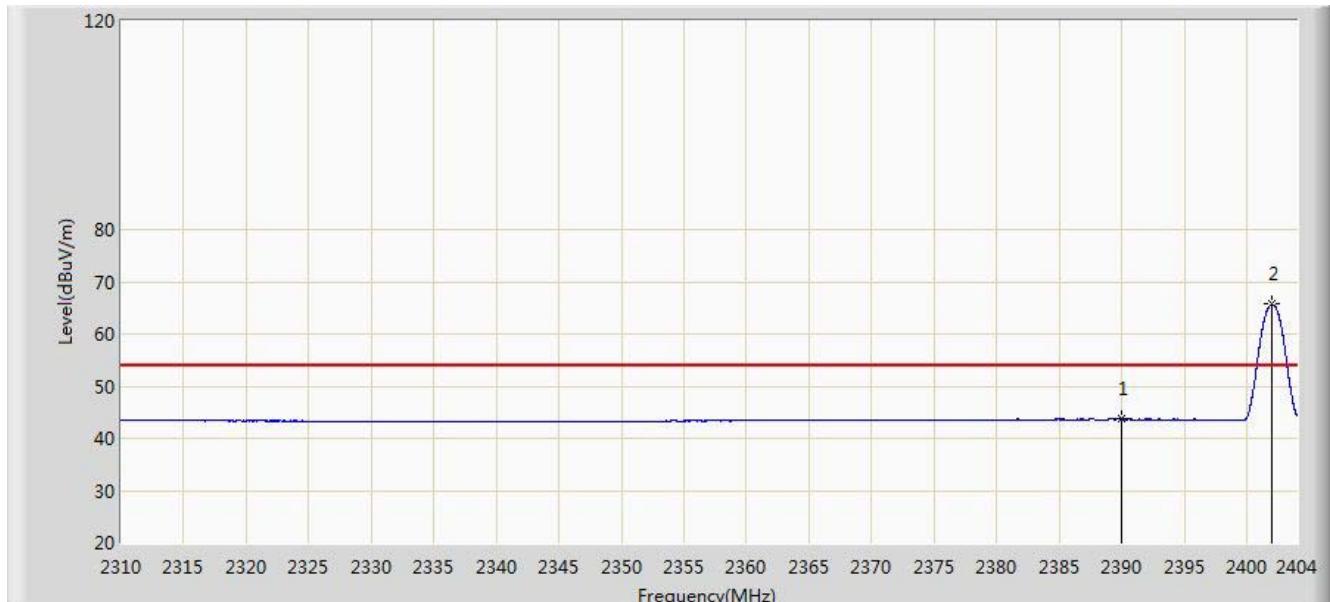
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	56.058	25.374	-17.942	74.000	30.684	PK
2	*		2402.061	80.741	50.080	N/A	N/A	30.661	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/28 - 09:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Test Mode:** BLE at channel 2402MHz



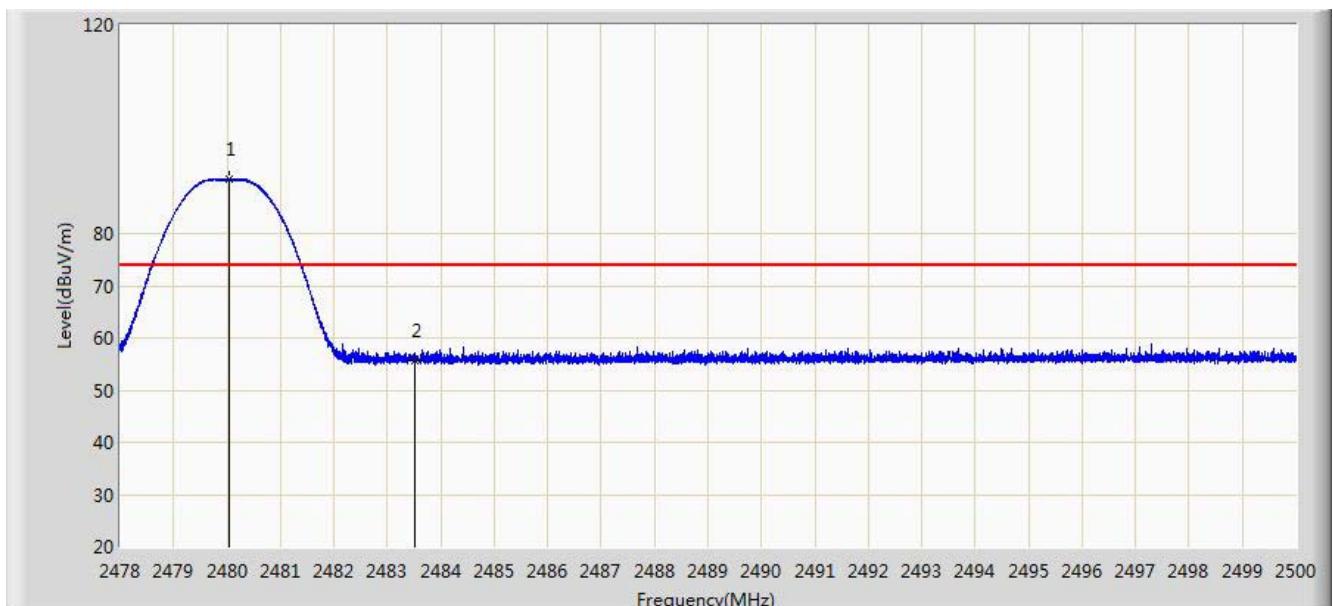
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.626	12.942	-10.374	54.000	30.684	AV
2	*		2402.038	65.658	34.997	N/A	N/A	30.662	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/28 - 09:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Test Mode:** BLE at channel 2480MHz



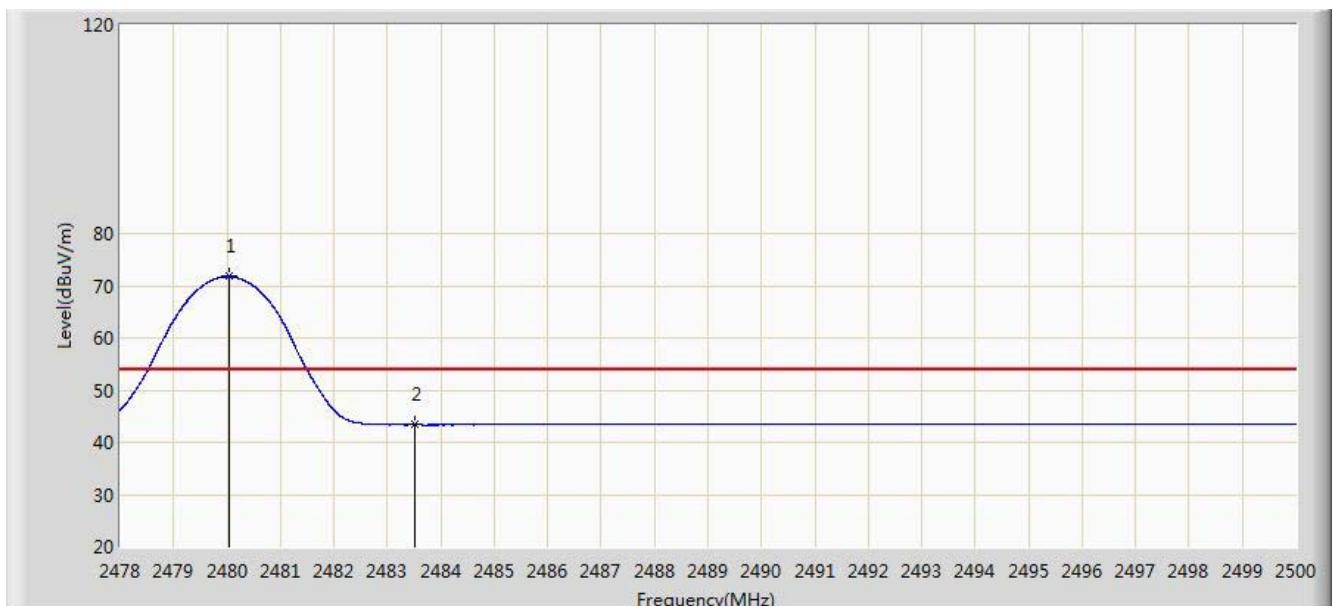
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.038	90.415	59.752	N/A	N/A	30.662	PK
2			2483.500	55.676	25.003	-18.324	74.000	30.673	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/28 - 09:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Test Mode:** BLE at channel 2480MHz



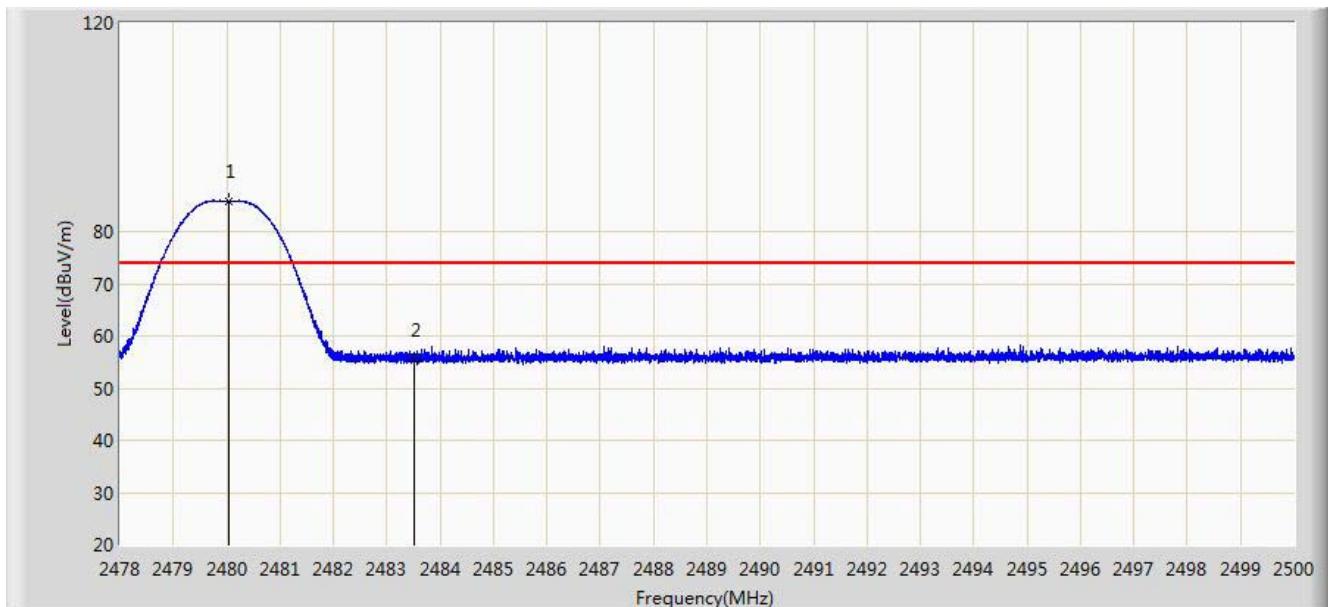
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.038	71.772	41.109	N/A	N/A	30.662	AV
2			2483.500	43.350	12.677	-10.650	54.000	30.673	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/28 - 09:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Test Mode:** BLE at channel 2480MHz



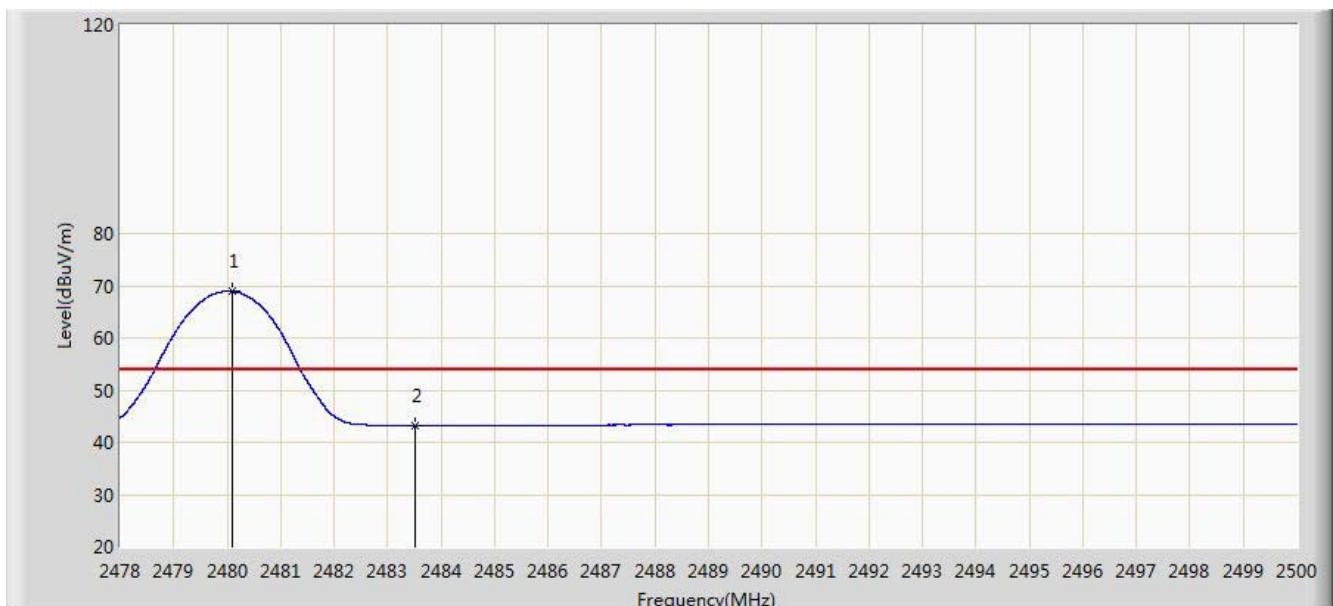
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.038	85.853	55.190	N/A	N/A	30.662	PK
2			2483.500	55.249	24.576	-18.751	74.000	30.673	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Milo Li	
Site: AC1	Time: 2014/10/28 - 09:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 7 Inch Tablet	Power: AC 120V/60Hz

**Test Mode:** BLE at channel 2480MHz



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.106	68.921	38.258	N/A	N/A	30.662	AV
2			2483.500	43.224	12.551	-10.776	54.000	30.673	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

## 7.8. AC Conducted Emissions Measurement

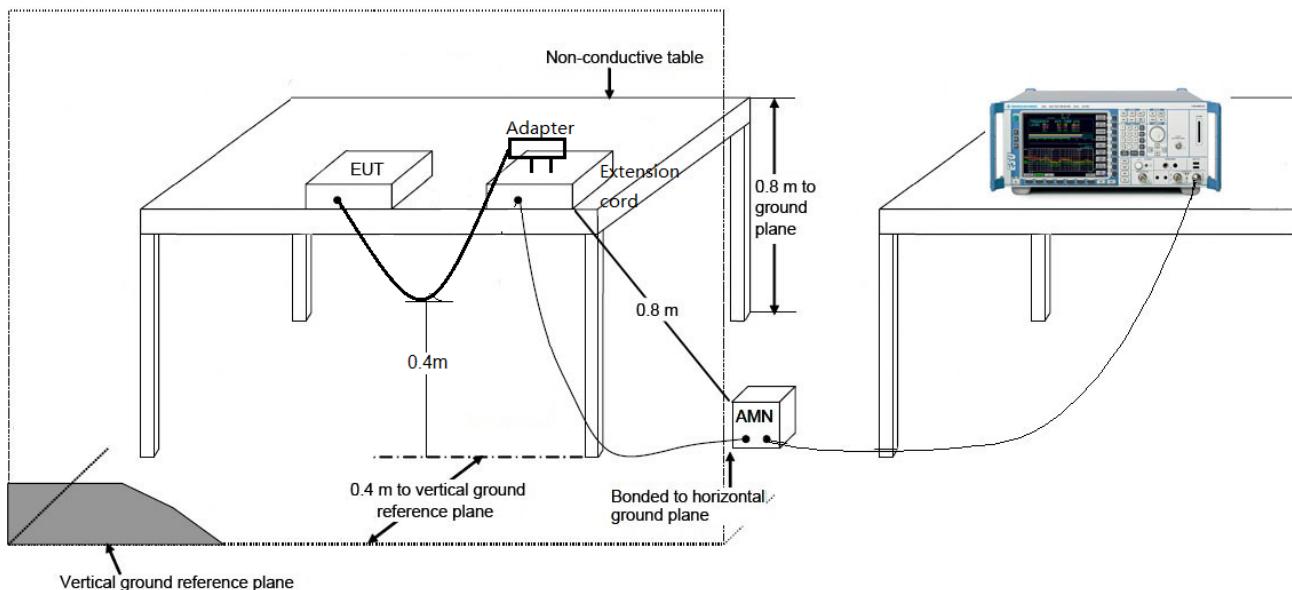
### 7.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

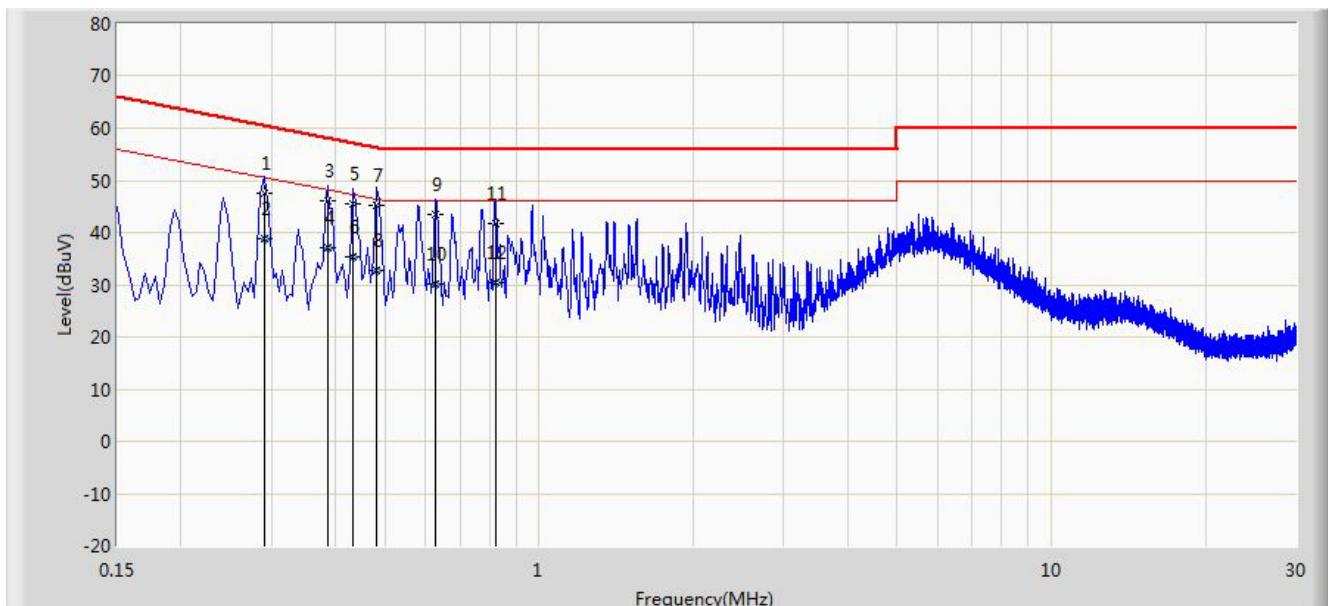
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

### 7.8.2. Test Setup



### 7.8.3. Test Result

Engineer: Milo Li	
Site: SR2	Time: 2014/10/27 - 19:29
Limit: FCC_Part15.207_CE_AC Power	Margin: 0
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: 7 Inch Tablet	Power: AC 120V/60Hz
Note: Normal Operation	

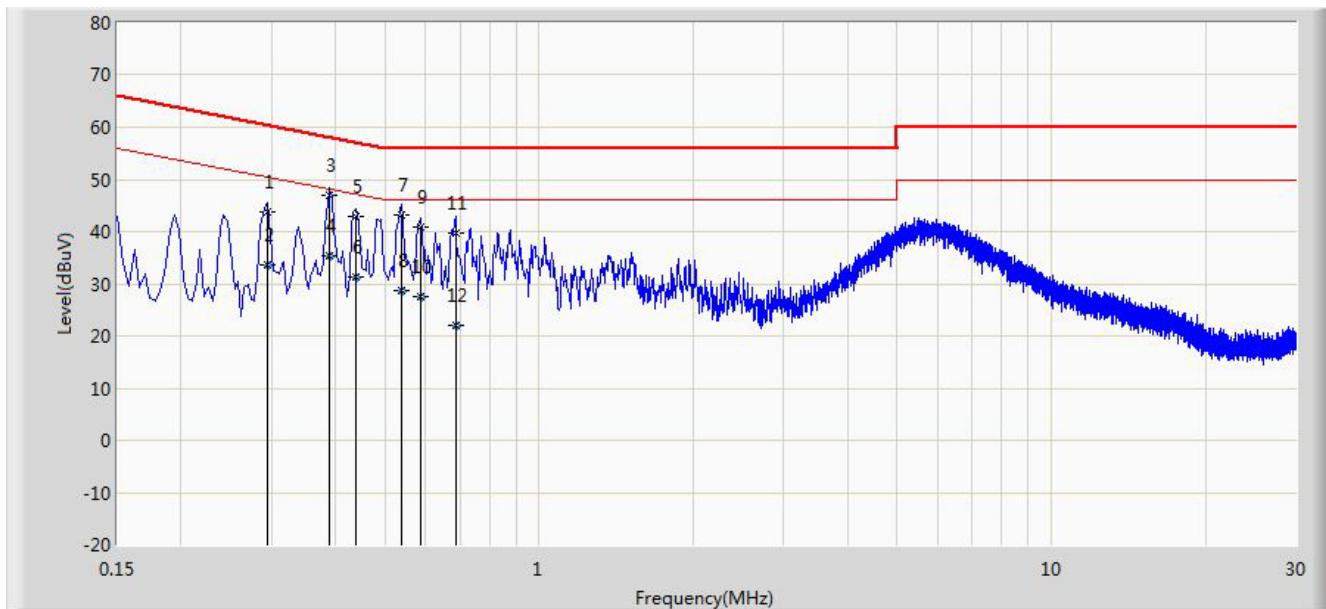


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.290	47.604	37.608	-12.920	60.524	9.996	QP
2			0.290	38.906	28.910	-11.619	50.524	9.996	AV
3			0.386	46.022	35.948	-12.127	58.149	10.074	QP
4			0.386	37.104	27.030	-11.045	48.149	10.074	AV
5			0.434	45.630	35.517	-11.546	57.176	10.113	QP
6			0.434	35.484	25.371	-11.691	47.176	10.113	AV
7	*		0.482	45.265	35.114	-11.039	56.305	10.152	QP
8			0.482	32.770	22.618	-13.534	46.305	10.152	AV
9			0.626	43.517	33.415	-12.483	56.000	10.101	QP
10			0.626	30.049	19.948	-15.951	46.000	10.101	AV
11			0.822	41.671	31.671	-14.329	56.000	10.000	QP
12			0.822	30.503	20.504	-15.497	46.000	10.000	AV

Note: Measure Level (dB $\mu$ V) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Engineer: Milo Li	
Site: SR2	Time: 2014/10/27 - 19:34
Limit: FCC_Part15.207_CE_AC Power	Margin: 0
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: 7 Inch Tablet	Power: AC 120V/60Hz
Note: Normal Operation	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.294	43.690	33.656	-16.721	60.411	10.033	QP
2			0.294	33.503	23.470	-16.907	50.411	10.033	AV
3	*	*	0.390	46.928	36.823	-11.136	58.064	10.105	QP
4			0.390	35.500	25.395	-12.564	48.064	10.105	AV
5			0.438	42.793	32.652	-14.307	57.100	10.141	QP
6			0.438	31.176	21.035	-15.924	47.100	10.141	AV
7			0.538	43.089	32.923	-12.911	56.000	10.166	QP
8			0.538	28.554	18.389	-17.446	46.000	10.166	AV
9			0.586	40.746	30.607	-15.254	56.000	10.139	QP
10			0.586	27.488	17.349	-18.512	46.000	10.139	AV
11			0.686	39.705	29.622	-16.295	56.000	10.083	QP
12			0.686	21.997	11.914	-24.003	46.000	10.083	AV

Note: Measure Level (dB $\mu$ V) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

## 8. CONCLUSION

The data collected relate only the item(s) tested and show that the **7 Inch Tablet FCC ID: XHWEWT716** is in compliance with Part 15C of the FCC Rules.

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The End

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