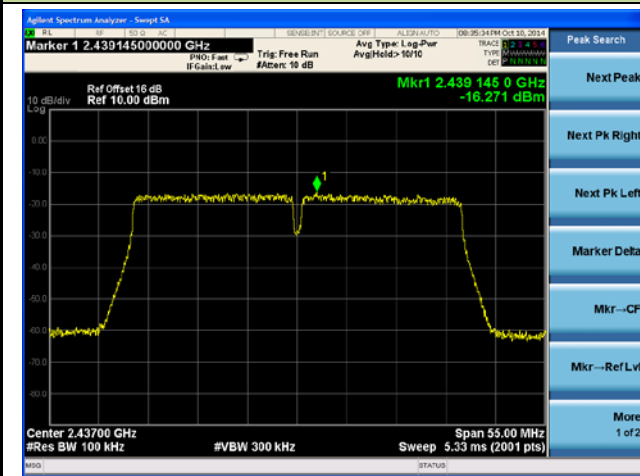
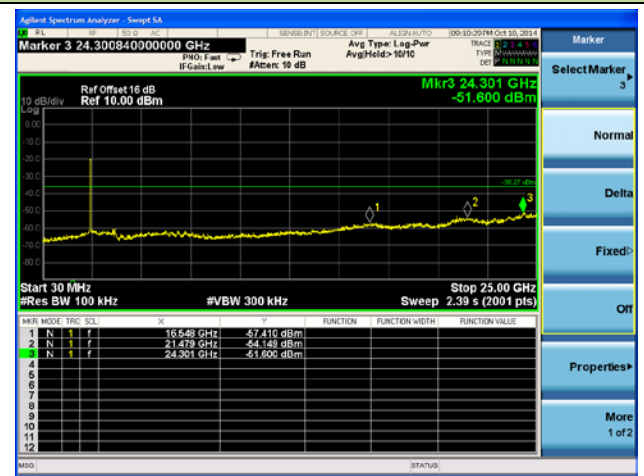


Channel 06 (2437MHz)

100kHz PSD reference Level

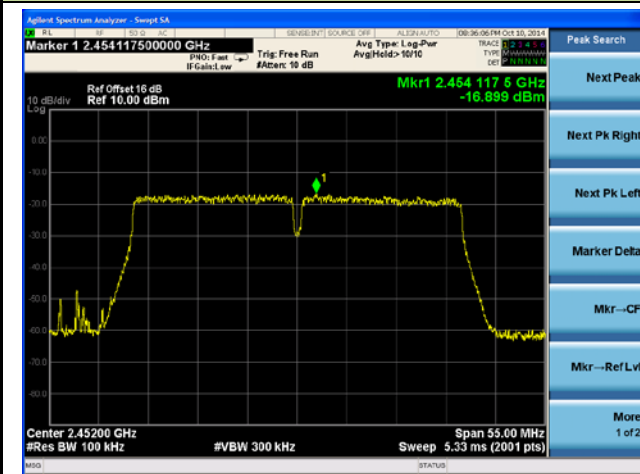


Spurious Emission 30MHz ~ 25GHz

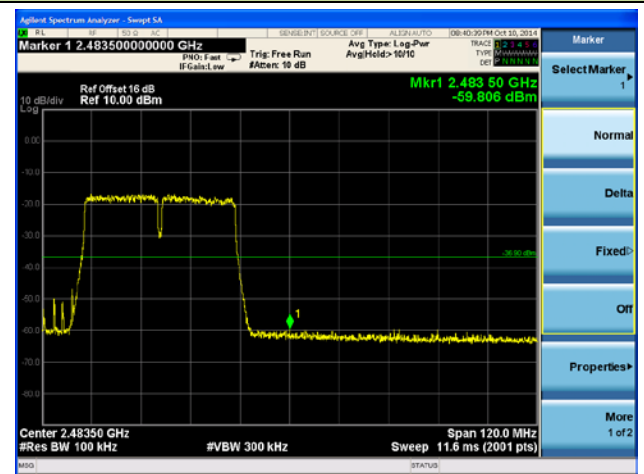


Channel 09 (2452MHz)

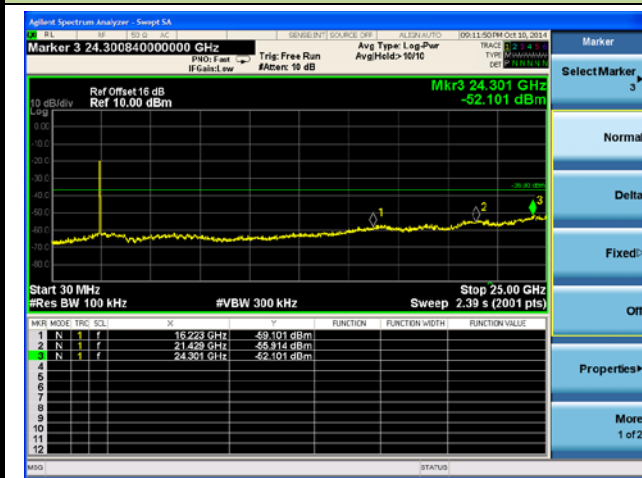
100kHz PSD reference Level



High Band Edge



Spurious Emission 30MHz ~ 25GHz



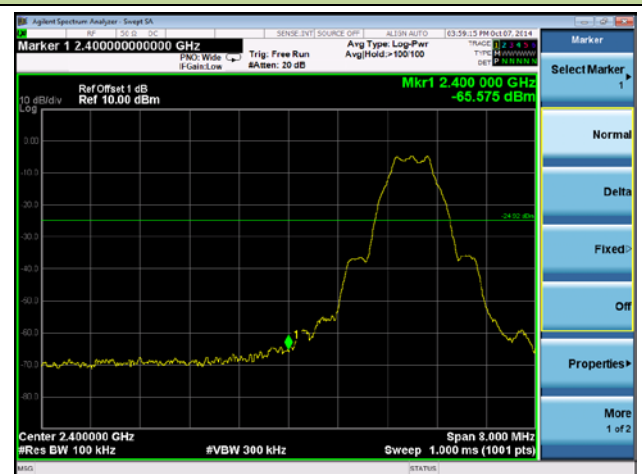
BLE Out-of-Band Emissions

Channel 00 (2402MHz)

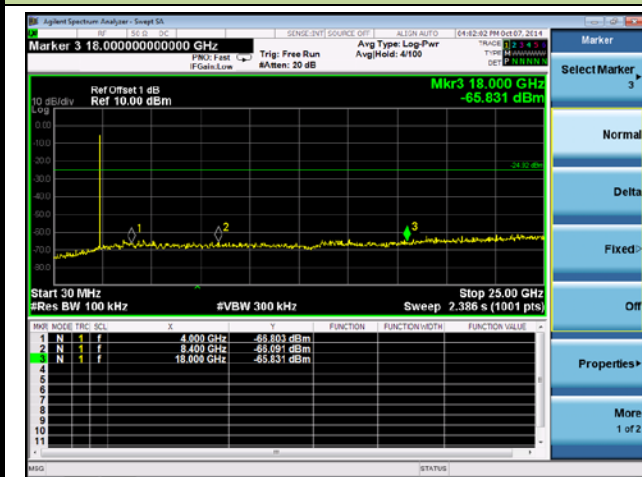
100kHz PSD reference Level



Low Band Edge



Spurious Emission 30MHz ~ 25GHz

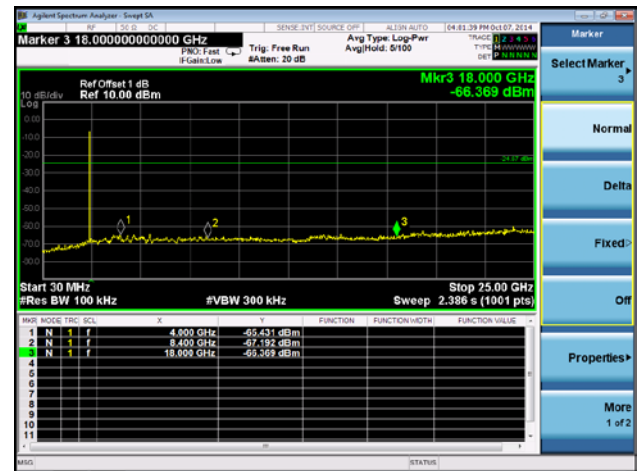


Channel 19 (2440MHz)

100kHz PSD reference Level



Spurious Emission 30MHz ~ 25GHz

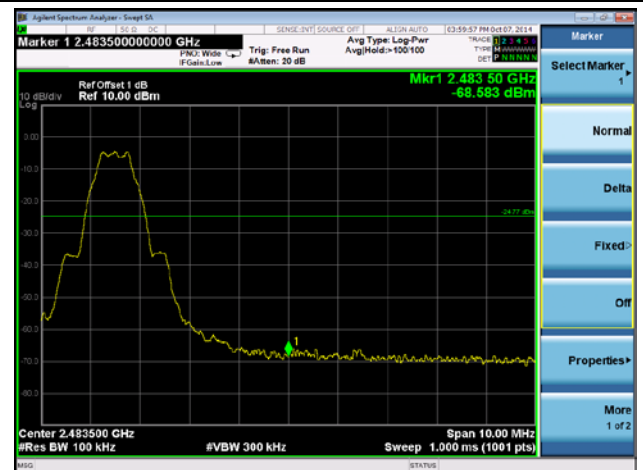


Channel 39 (2480MHz)

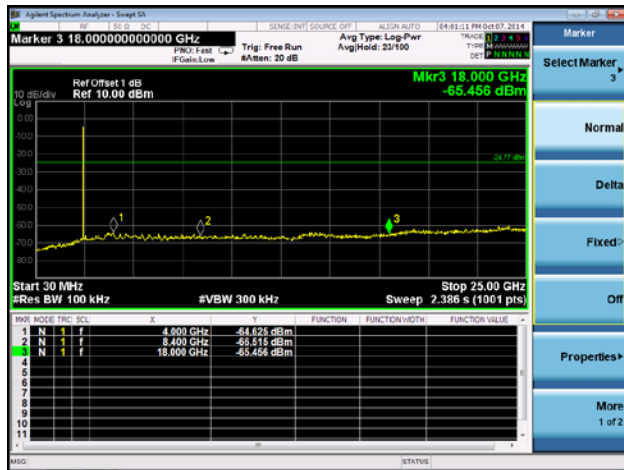
100kHz PSD reference Level



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

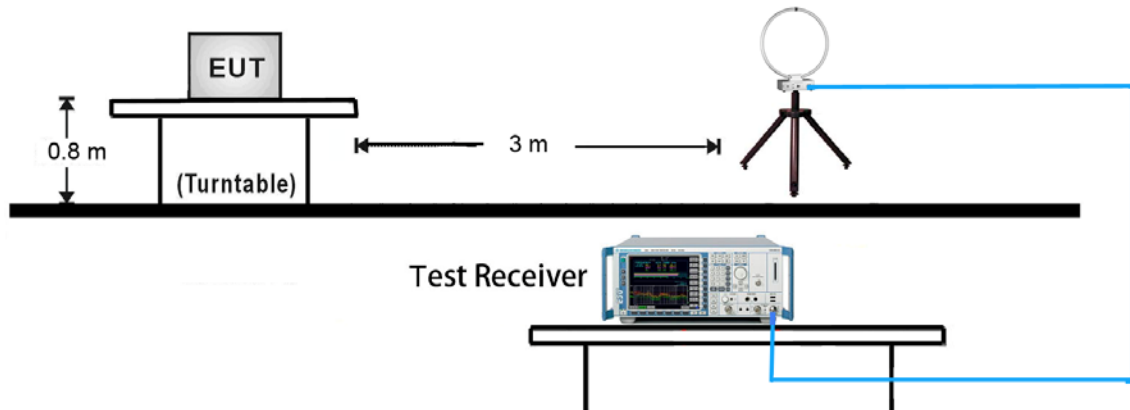
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements per Section 12.2.5.1 of KDB 558074 D01v03r02

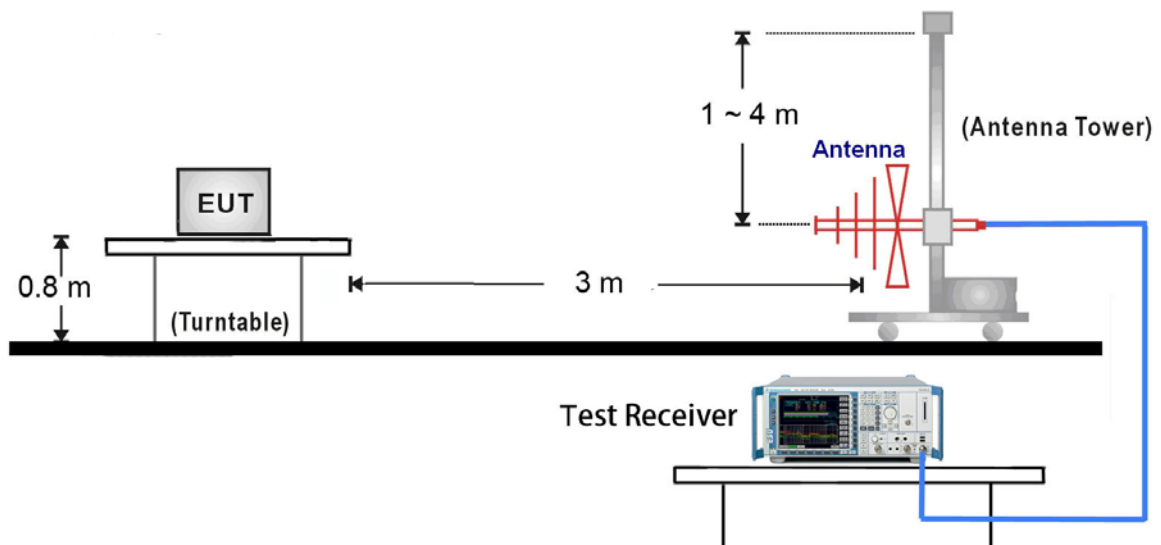
1. RBW = 1MHz.
2. VBW $\geq 3 \times$ RBW.
3. Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
4. Averaging type = power (*i.e.*, RMS).
 - As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
5. Sweep time = auto.
6. Perform a trace average of at least 100 traces.

7.6.4. Test Setup

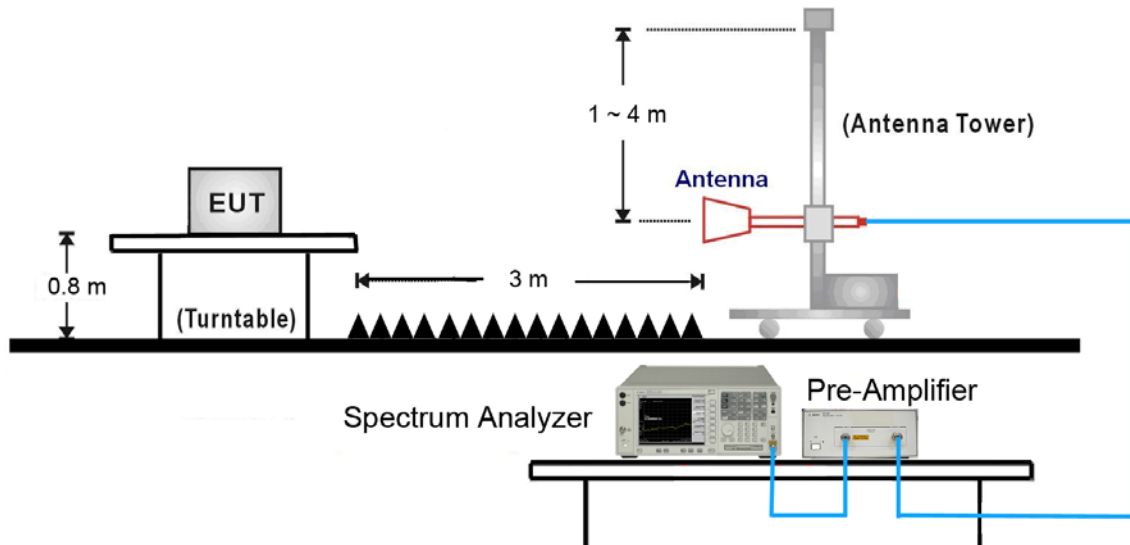
9kHz ~ 30MHz Test Setup:



30MHz ~ 1GHz Test Setup:



1GHz ~ 25GHz Test Setup:



7.6.5. Test Result

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	3026.4	35.9	3.4	39.3	74.2	-34.9	Peak	Horizontal
*	3563.3	35.8	4.1	39.9	74.2	-34.3	Peak	Horizontal
	4874.0	36.4	6.6	43.0	74.0	-31.0	Peak	Horizontal
	7311.0	34.0	14.0	48.0	74.0	-26.0	Peak	Horizontal
*	3024.3	35.6	3.4	39.0	74.2	-35.2	Peak	Vertical
*	3547.9	35.2	4.1	39.3	74.2	-34.9	Peak	Vertical
	4874.0	35.5	6.6	42.1	74.0	-31.9	Peak	Vertical
	7311.0	34.2	14.0	48.2	74.0	-25.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (94.2dBμV/m).

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

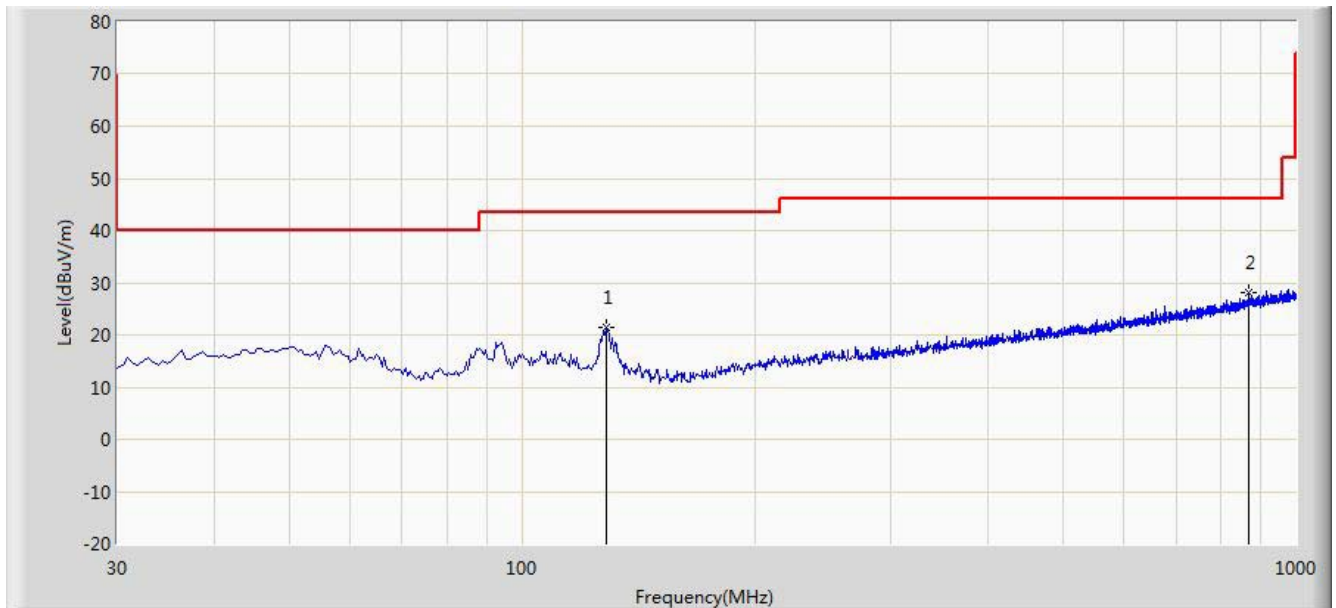
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

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. 2. The worst case of Radiated Spurious Emission. 3. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	3063.5	36.2	3.5	39.7	70.1	-30.4	Peak	Horizontal
*	3524.2	36.2	3.9	40.1	70.1	-30.0	Peak	Horizontal
	4804.0	37.1	6.4	43.5	74.0	-30.5	Peak	Horizontal
	7206.0	34.4	13.6	48.0	74.0	-26.0	Peak	Horizontal
*	3048.4	36.0	3.4	39.4	70.1	-30.7	Peak	Vertical
*	3542.7	34.7	4.0	38.7	70.1	-31.4	Peak	Vertical
	4804.0	36.3	6.4	42.7	74.0	-31.3	Peak	Vertical
	7206.0	34.7	13.6	48.3	74.0	-25.7	Peak	Vertical
Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (90.1dBμV/m). Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + 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: 2014/10/08 - 11:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: 802.11b at channel 2437MHz	

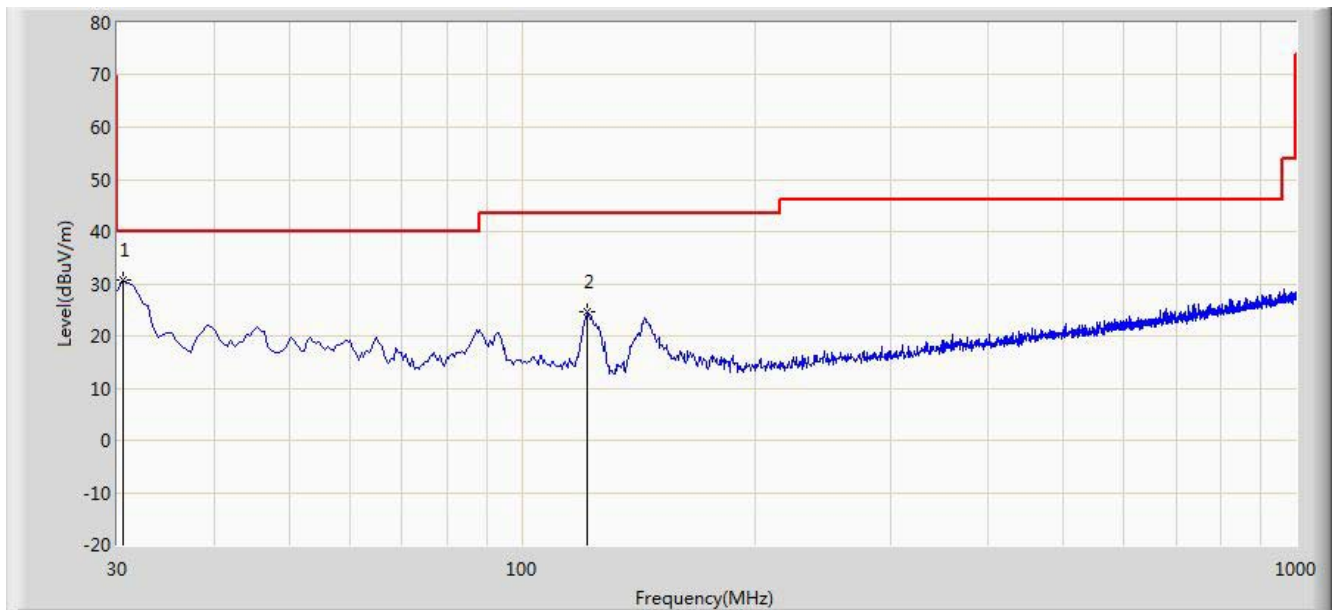


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			128.455	21.351	11.425	-22.149	43.500	9.926	QP
2		*	868.565	28.161	5.096	-17.839	46.000	23.065	QP

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 12:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: 802.11b at channel 2437MHz	

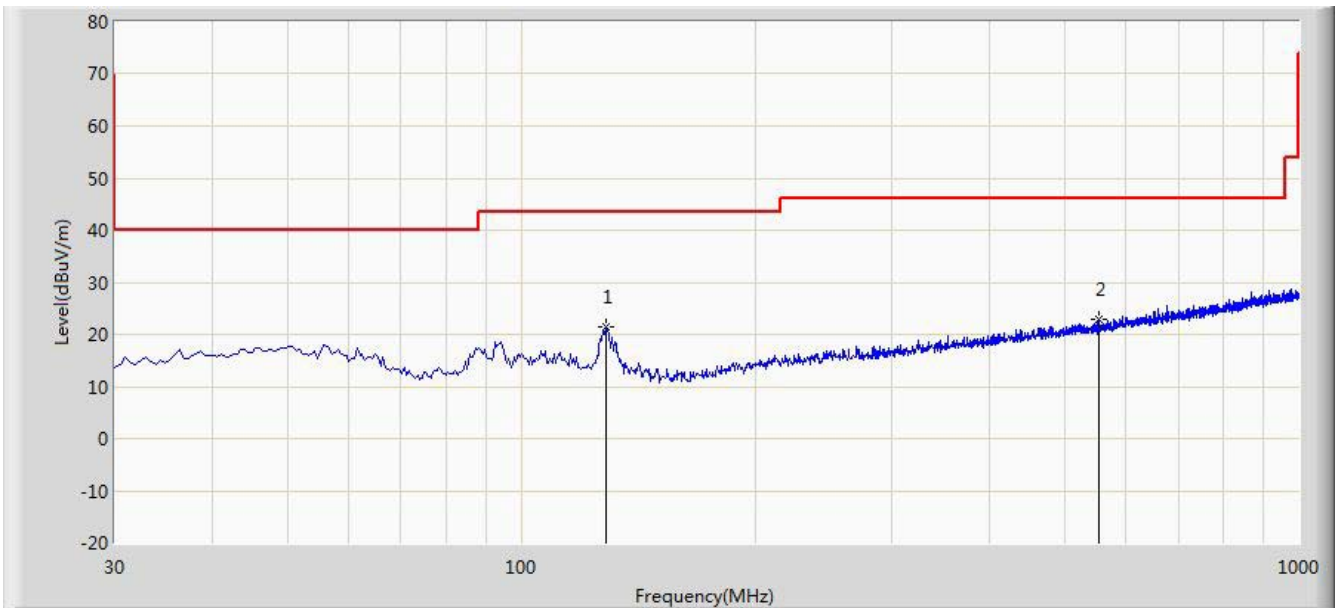


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	30.485	30.607	18.618	-9.393	40.000	11.989	QP
2			121.180	24.667	13.833	-18.833	43.500	10.834	QP

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Roy Cheng	
Site: AC1	Time: 2014/10/13 - 20:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: 10.1" PAD	Power: AC 120V/60Hz
Worst Case Mode: BLE at channel 2441MHz	

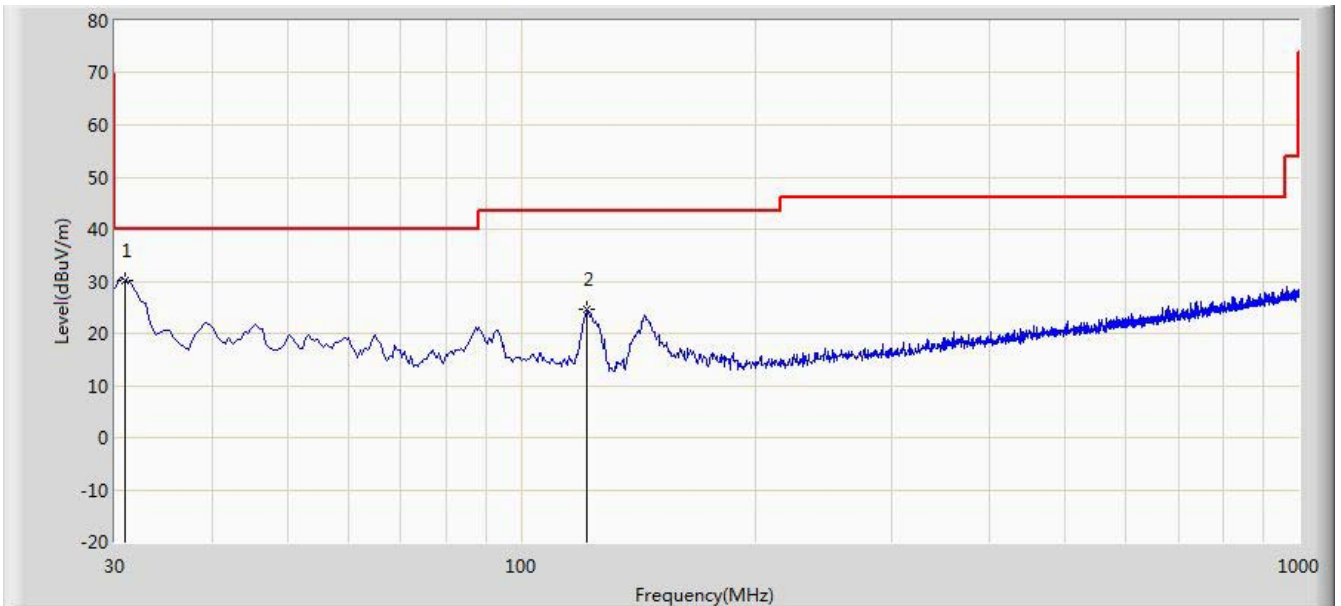


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	128.455	21.351	11.425	-22.149	43.500	9.926	PK
2			552.830	22.943	4.347	-23.057	46.000	18.596	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Roy Cheng	
Site: AC1	Time: 2014/10/13 - 20:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: 10.1" PAD	Power: AC 120V/60Hz
Worst Case Mode: BLE at channel 2441MHz	

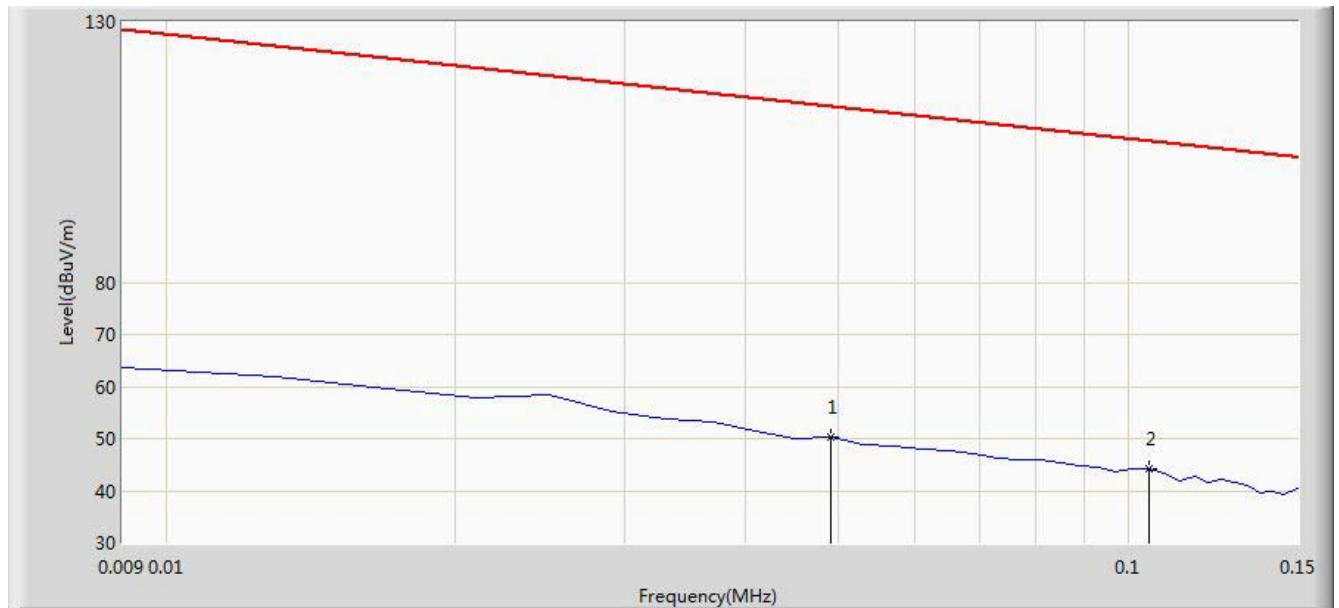


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	30.970	30.253	18.175	-9.747	40.000	12.078	PK
2			121.180	24.667	13.833	-18.833	43.500	10.834	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Roy Cheng	
Site: AC1	Time: 2014/10/11 - 16:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: FMZB1519_0.009-30MHz	Polarity: Face On
EUT: 10.1"PAD	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	



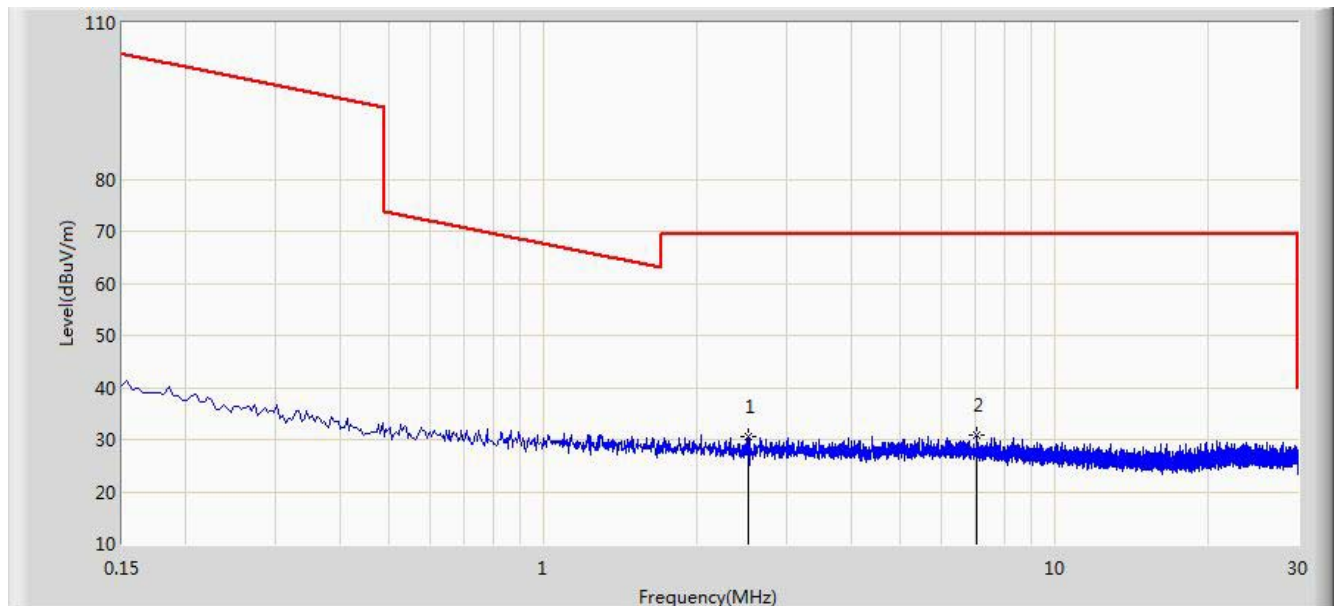
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.049	50.366	29.861	-63.423	113.789	20.505	QP
2		*	0.105	44.143	23.996	-63.029	107.173	20.147	QP

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

For 9kHz-30MHz has assessed 802.11b/g/n and BLE test mode, and showed the worst test data in this report.

Engineer: Roy Cheng	
Site: AC1	Time: 2014/10/11 - 16:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: FMZB1519_0.009-30MHz	Polarity: Face On
EUT: 10.1"PAD	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	



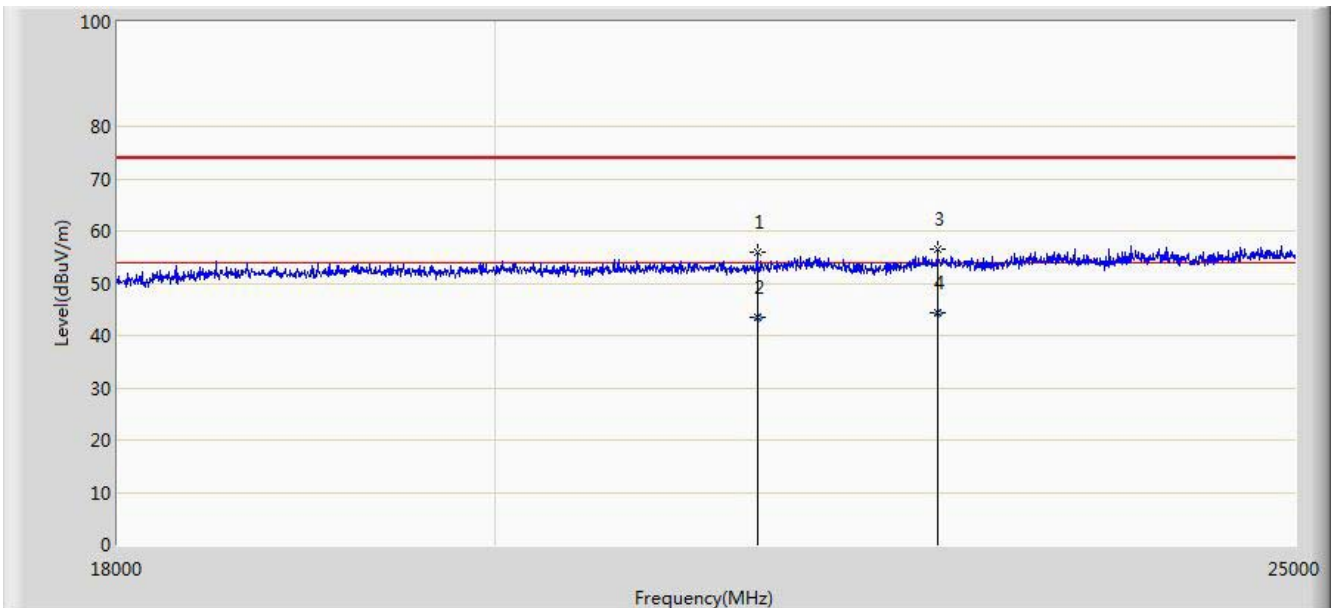
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2.513	30.495	10.336	-39.005	69.500	20.159	QP
2		*	7.041	30.974	10.579	-38.526	69.500	20.395	QP

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

For 9kHz-30MHz has assessed 802.11b/g/n and BLE test mode, and showed the worst test data in this report.

Engineer: Roy Cheng	
Site: AC1	Time: 2014/10/11 - 17:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: 10.1"PAD	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18 ~ 25GHz.	

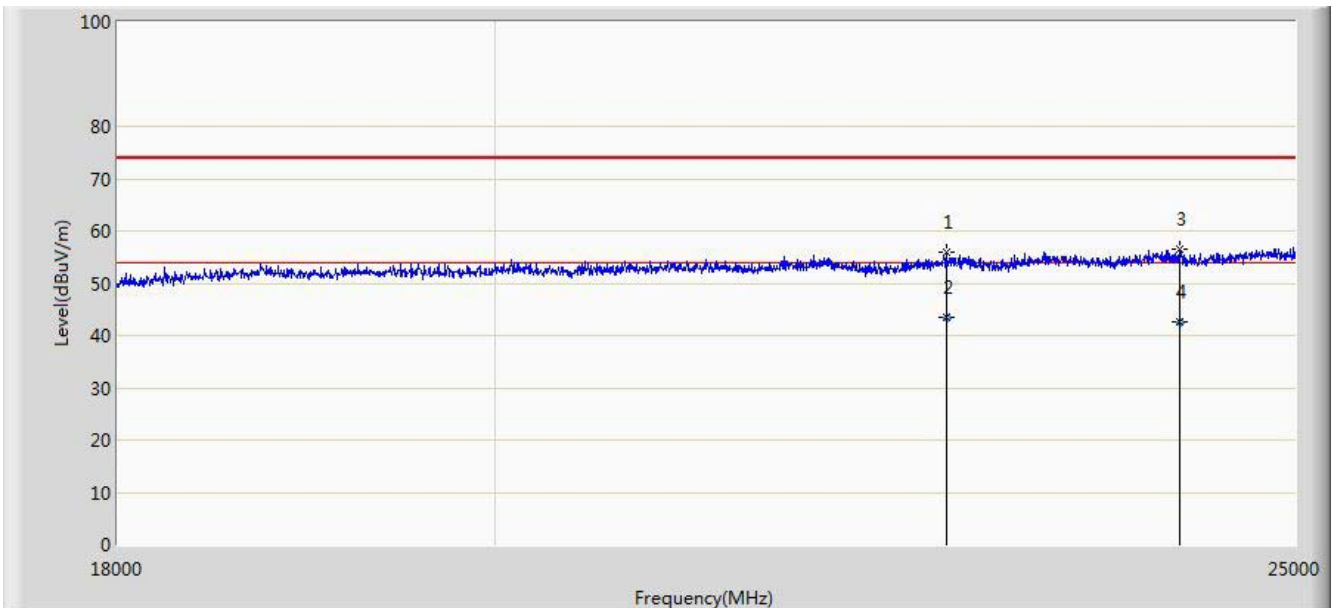


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			21517.500	55.869	17.883	-18.131	74.000	37.986	PK
2			21517.650	43.351	5.365	-10.649	54.000	37.986	AV
3			22630.500	56.509	18.223	-17.491	74.000	38.286	PK
4		*	22630.540	44.310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

Note:

1. Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)
2. Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)
3. For 18 ~ 25GHz has assessed 802.11b/g/n and BLE test mode, and showed the worst test data in this report.

Engineer: Roy Cheng	
Site: AC1	Time: 2014/10/11 - 17:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: 10.1"PAD	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:

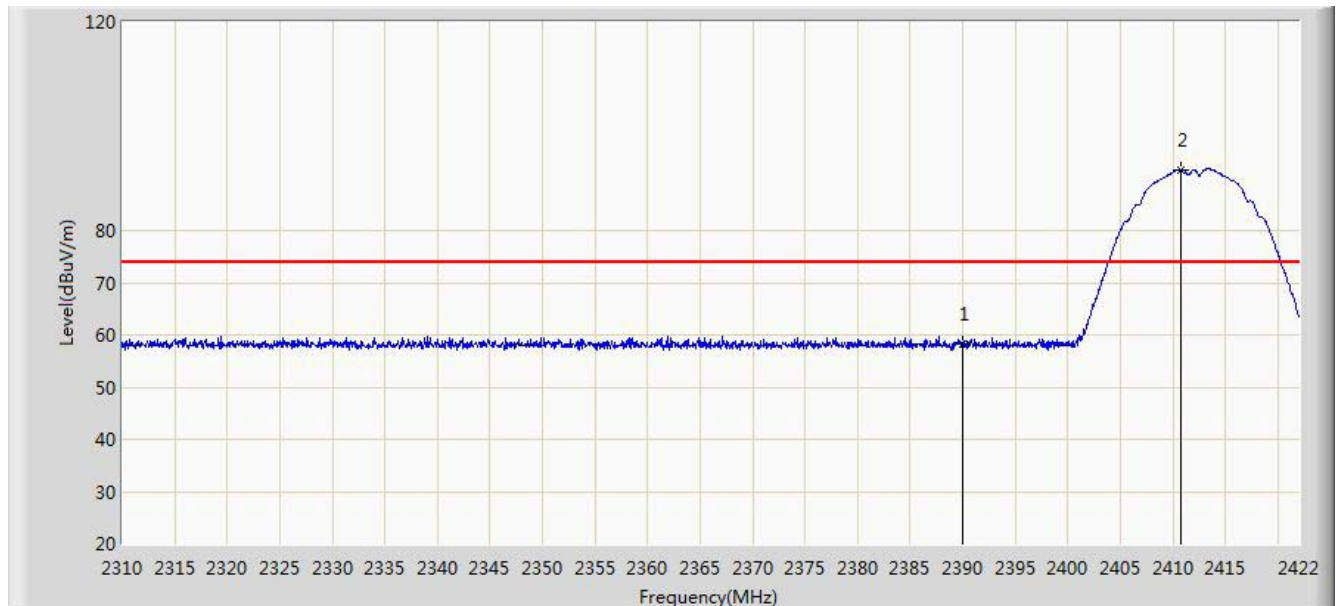
1. Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)
2. Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)
3. For 18 ~ 25GHz has assessed 802.11b/g/n and BLE test mode, and showed the worst test data in this report.

7.7. Radiated Restricted Band Edge Measurement

7.7.1. Test Result

For this test result has assessed the 802.11b/g/n-HT20/n-HT40 test mode, and showed the worst data.

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 13:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: 802.11b at channel 2412MHz	

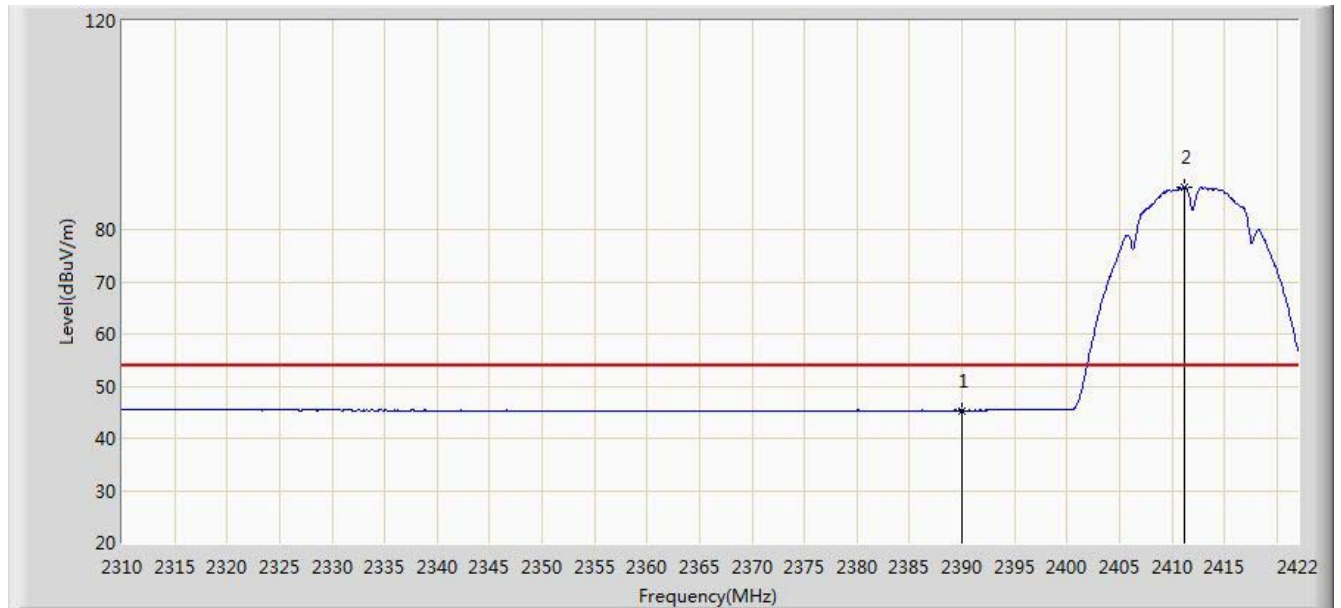


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	58.331	27.647	-15.669	74.000	30.684	PK
2		*	2410.800	91.653	61.006	N/A	N/A	30.647	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 13:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: 802.11b at channel 2412MHz	

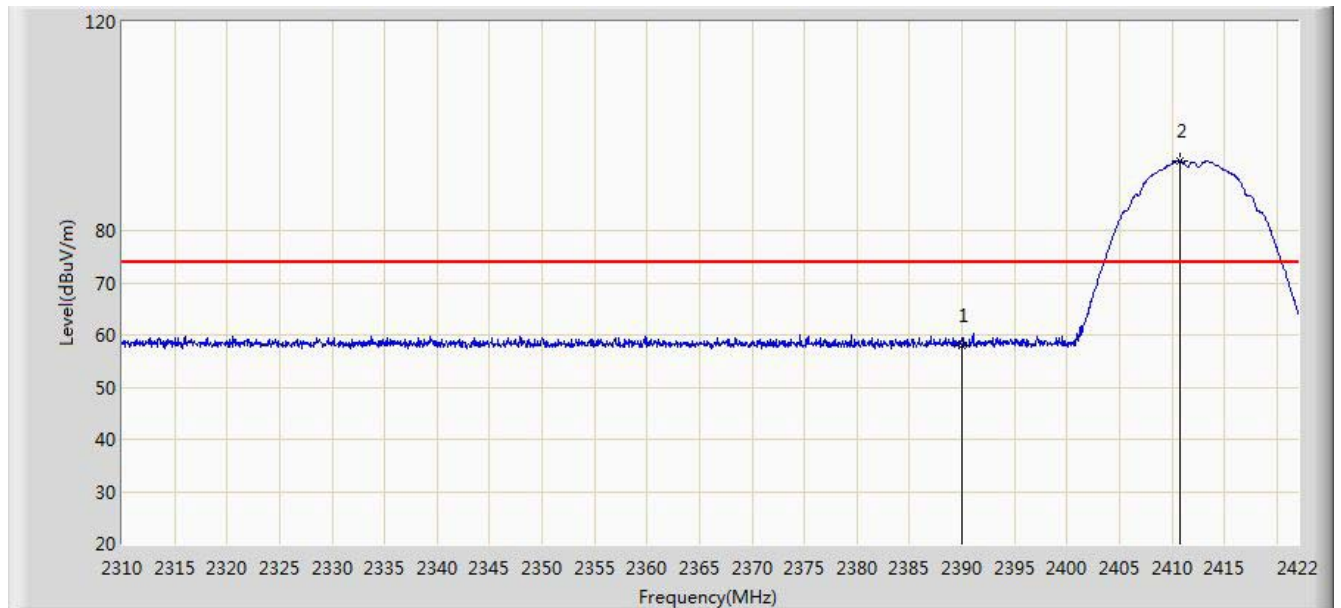


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.351	14.667	-8.649	54.000	30.684	AV
2		*	2411.192	88.175	57.529	N/A	N/A	30.646	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 13:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: 802.11b 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	58.112	27.428	-15.888	74.000	30.684	PK
2		*	2410.800	93.241	62.594	N/A	N/A	30.647	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 13:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: 802.11b at channel 2412MHz	

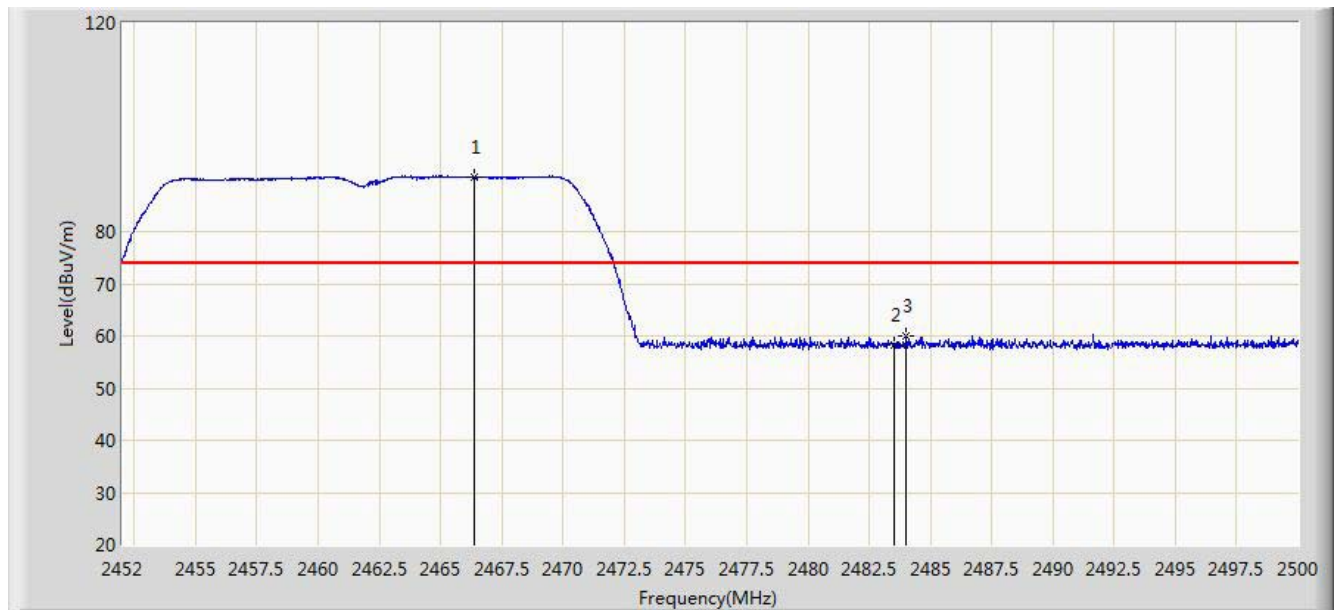


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.305	14.621	-8.695	54.000	30.684	AV
2		*	2411.304	89.818	59.172	N/A	N/A	30.646	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 13:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: 802.11n-HT20 at channel 2462MHz	

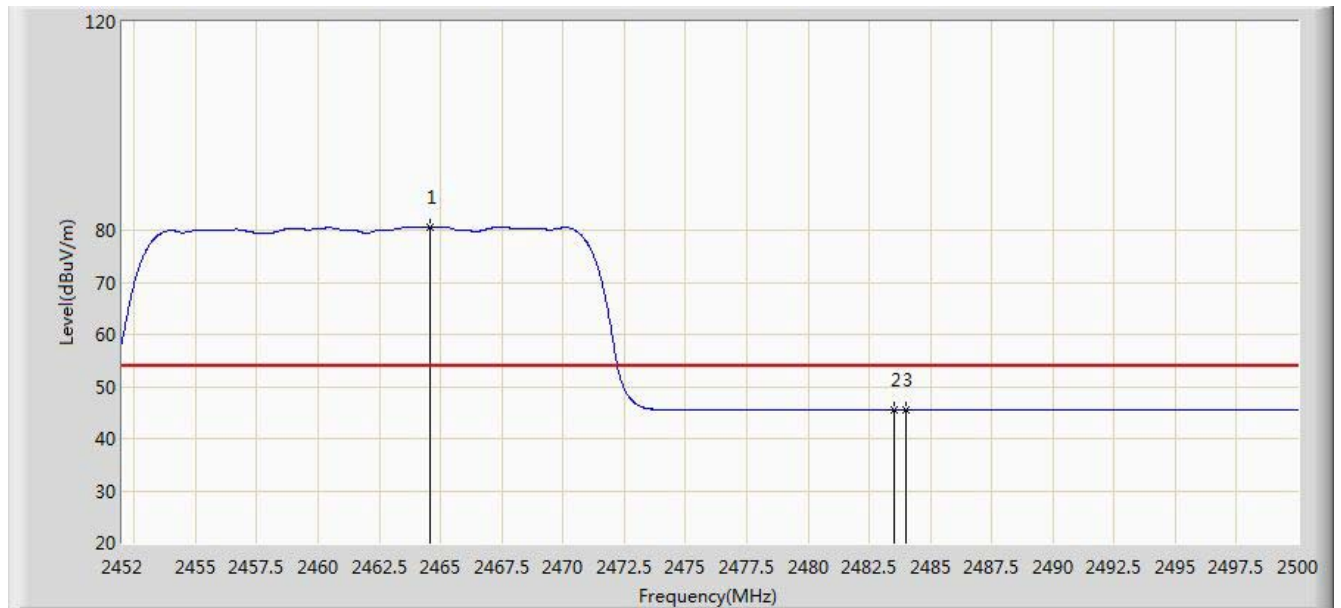


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2466.376	90.419	59.796	N/A	N/A	30.623	PK
2			2483.500	58.237	27.564	-15.763	74.000	30.673	PK
3			2484.016	59.955	29.280	-14.045	74.000	30.675	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 13:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: 802.11n-HT20 at channel 2462MHz	

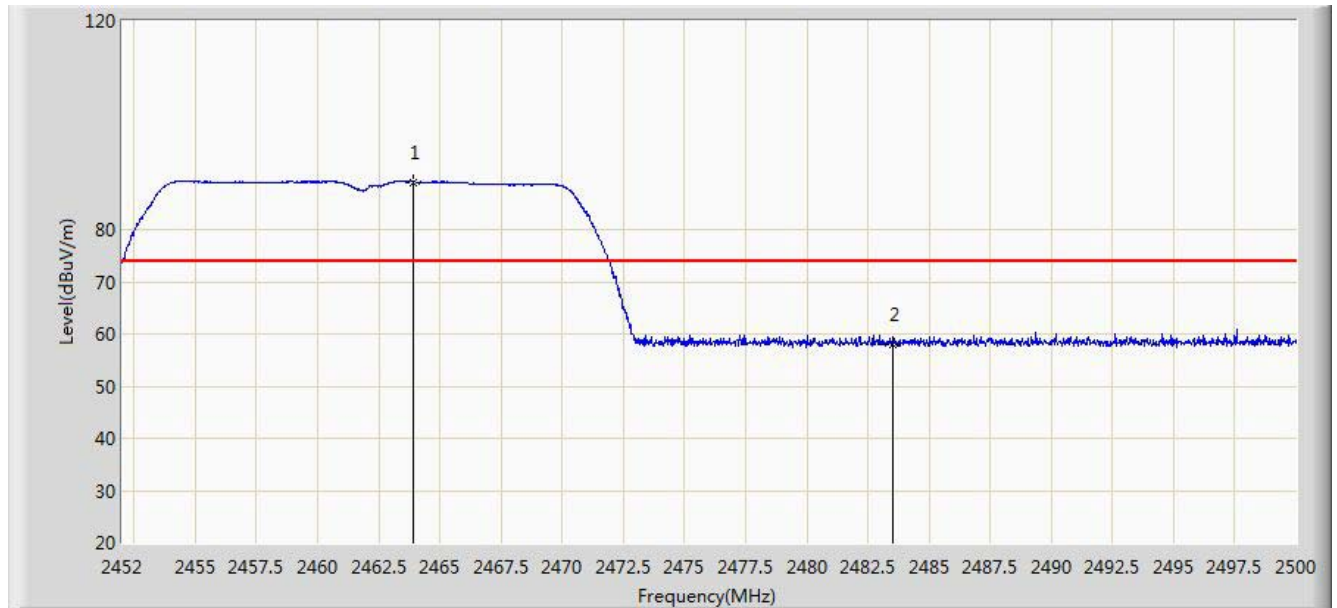


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.600	80.497	49.880	N/A	N/A	30.617	AV
2			2483.500	45.534	14.861	-8.466	54.000	30.673	AV
3			2484.016	45.539	14.864	-8.461	54.000	30.675	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 13:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: 802.11n-HT20 at channel 2462MHz	

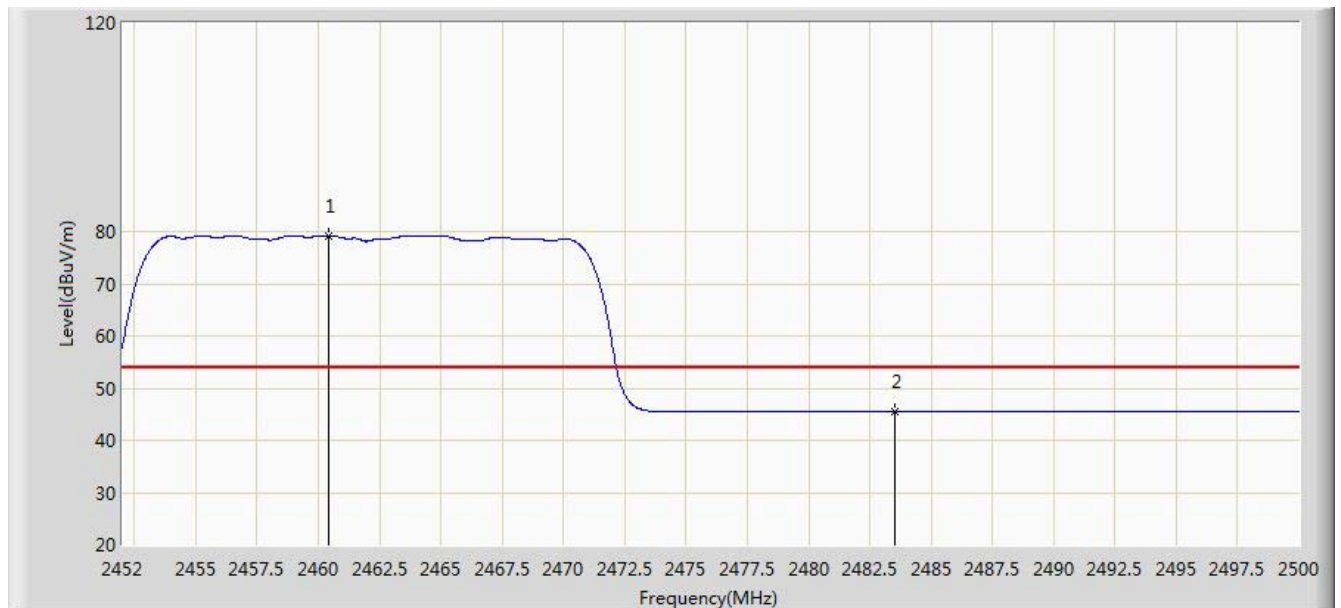


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.928	89.114	58.499	N/A	N/A	30.615	PK
2			2483.500	58.011	27.338	-15.989	74.000	30.673	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 13:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: 802.11n-HT20 at channel 2462MHz	

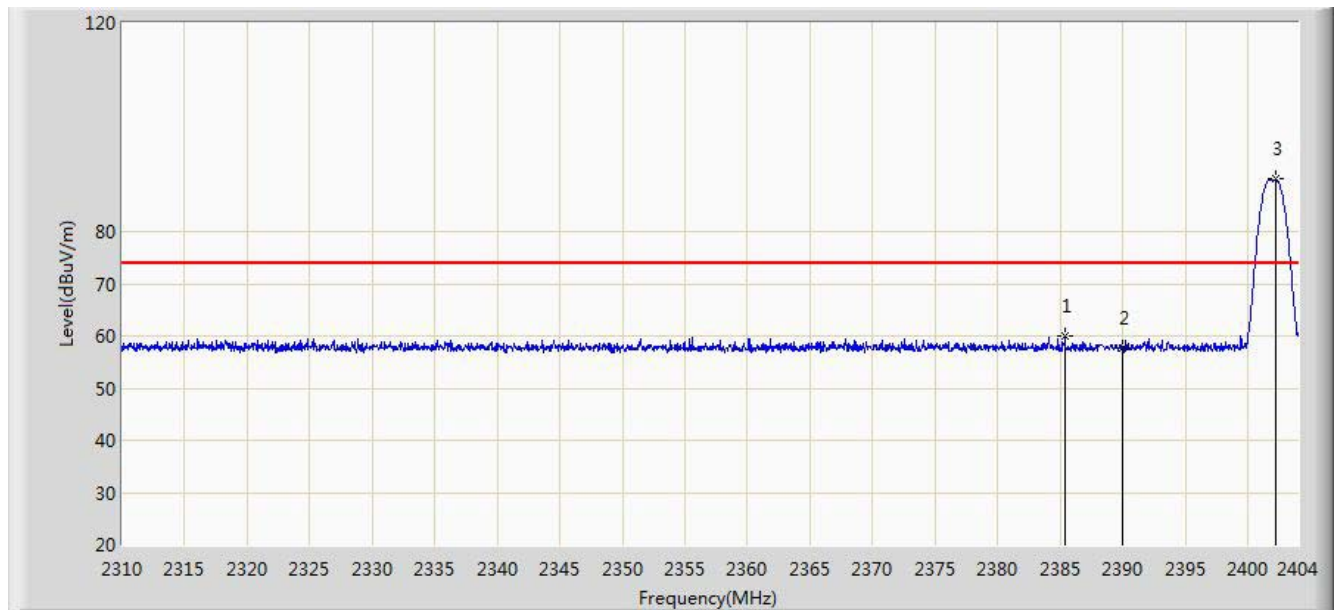


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.400	79.254	48.645	N/A	N/A	30.609	AV
2			2483.500	45.544	14.871	-8.456	54.000	30.673	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 13:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: BLE at channel 2402MHz	

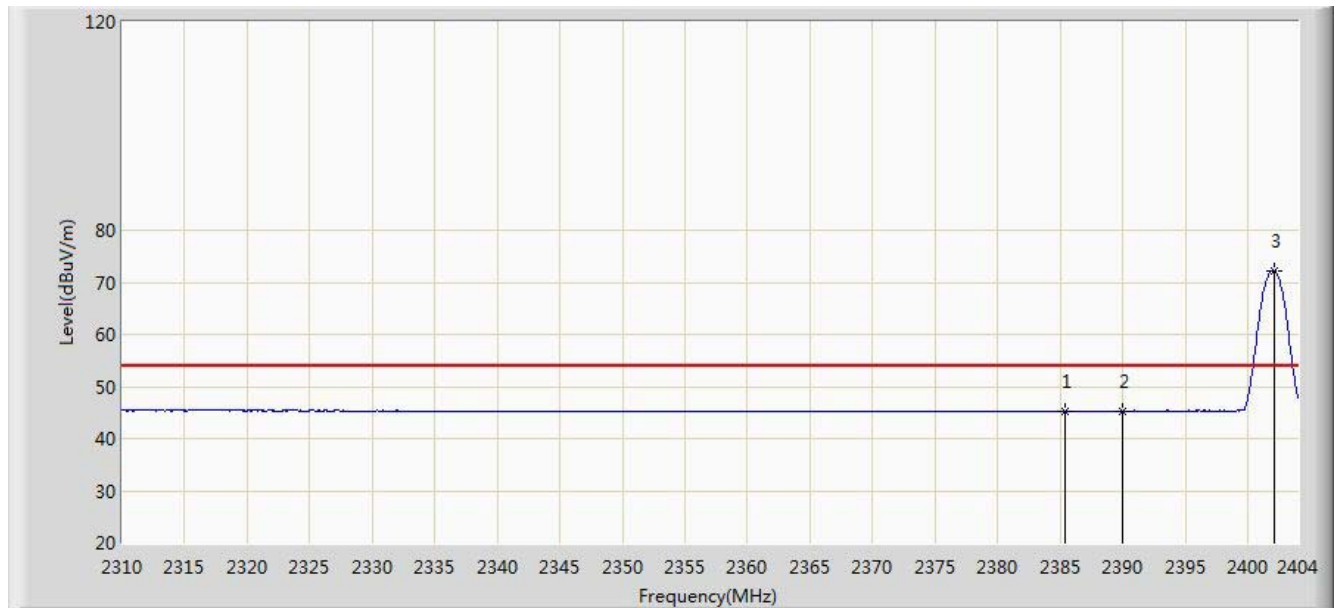


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.388	59.908	29.214	-14.092	74.000	30.694	PK
2			2390.000	57.717	27.033	-16.283	74.000	30.684	PK
3		*	2402.214	90.056	59.395	N/A	N/A	30.661	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 14:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: BLE at channel 2402MHz	

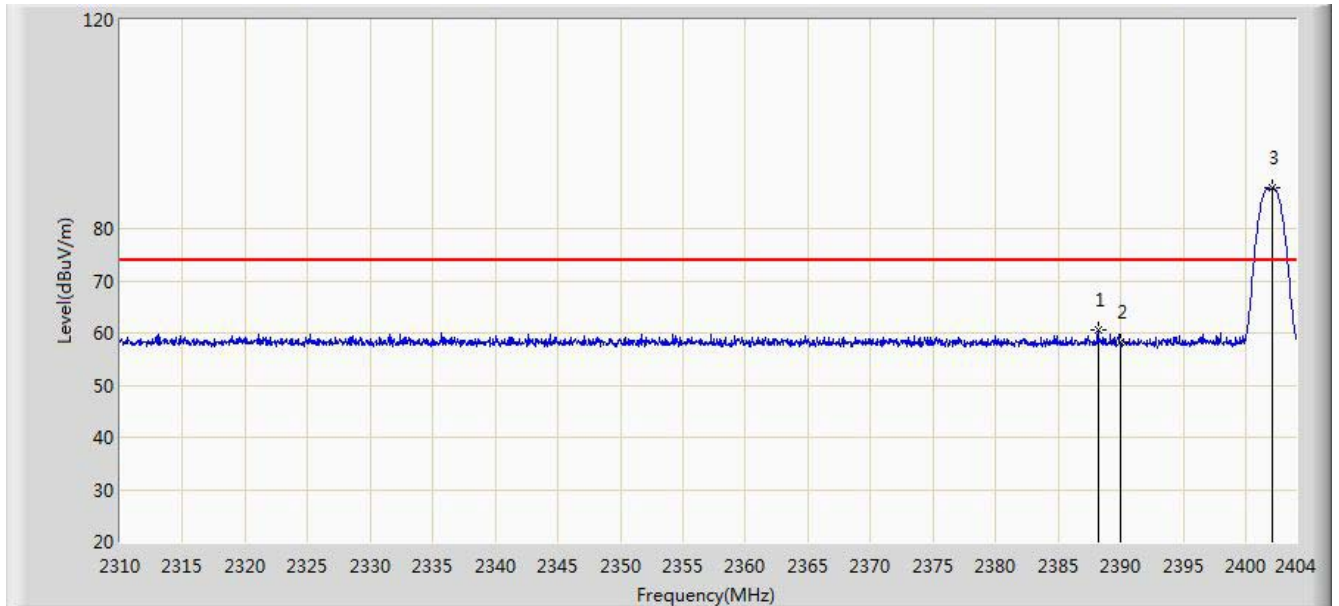


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.388	45.275	14.581	-8.725	54.000	30.694	AV
2			2390.000	45.282	14.598	-8.718	54.000	30.684	AV
3		*	2402.073	72.254	41.593	N/A	N/A	30.661	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 14:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: BLE at channel 2402MHz	

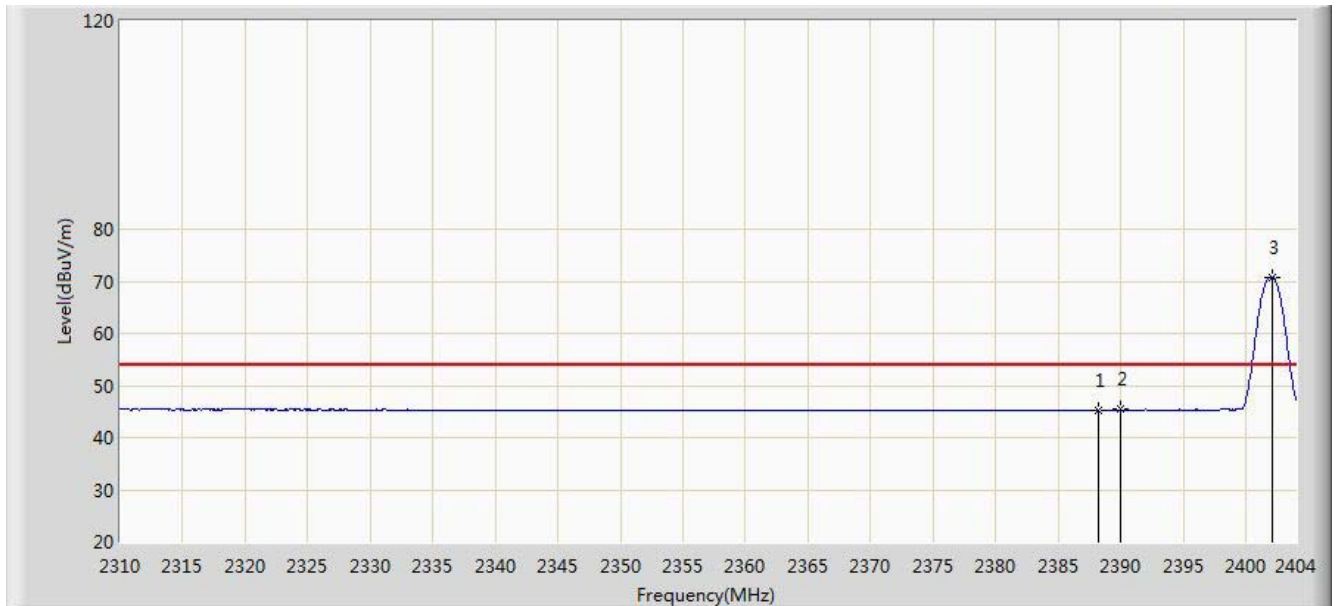


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.161	60.625	29.937	-13.375	74.000	30.688	PK
2			2390.000	58.342	27.658	-15.658	74.000	30.684	PK
3		*	2402.073	87.696	57.035	N/A	N/A	30.661	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 14:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: BLE at channel 2402MHz	

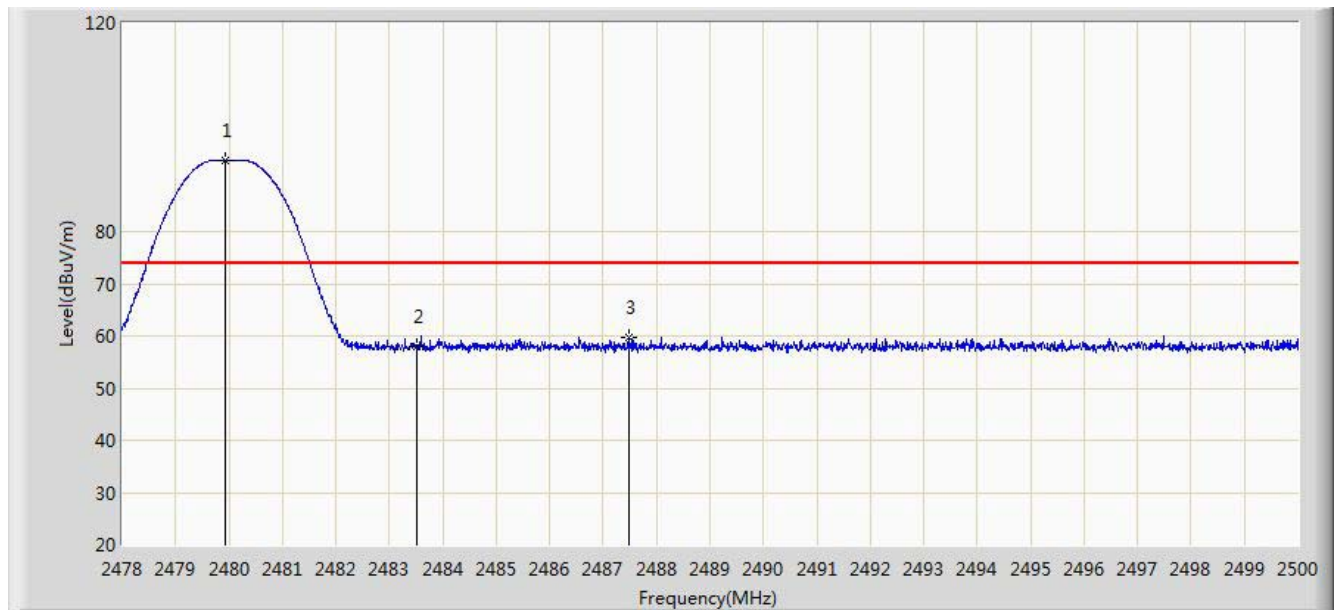


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.161	45.342	14.654	-8.658	54.000	30.688	AV
2			2390.000	45.364	14.680	-8.636	54.000	30.684	AV
3		*	2402.073	70.827	40.166	N/A	N/A	30.661	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 14:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: BLE at channel 2480MHz	

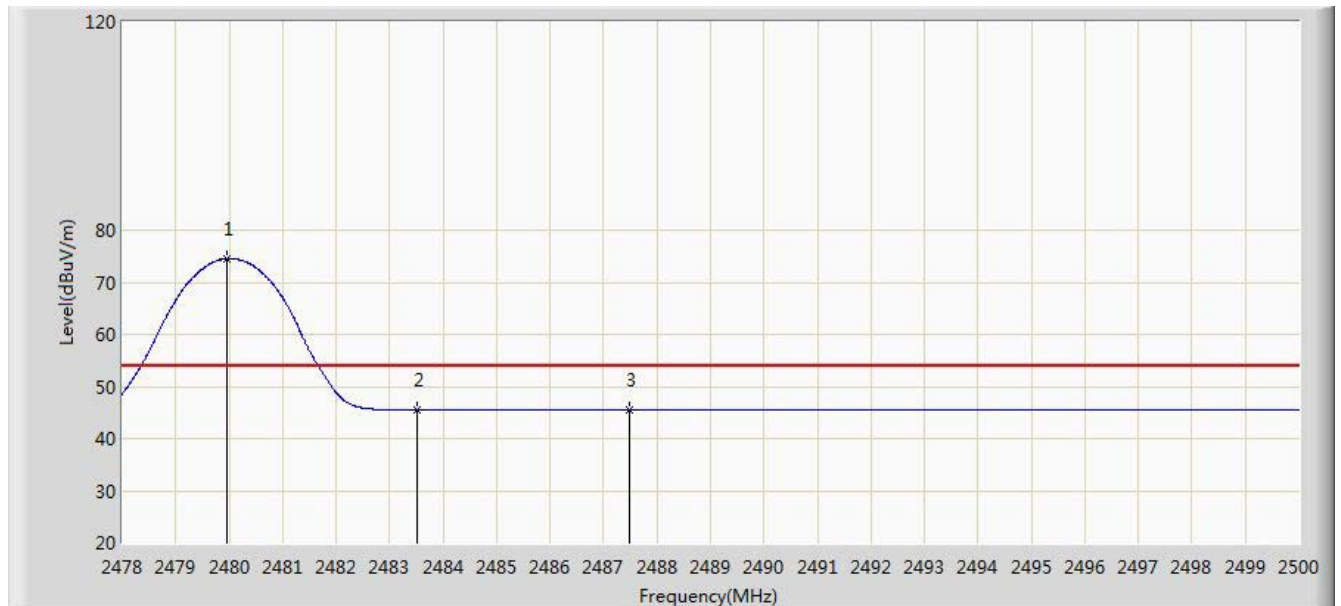


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.936	93.608	62.946	N/A	N/A	30.662	PK
2			2483.500	58.081	27.408	-15.919	74.000	30.673	PK
3			2487.471	59.715	29.031	-14.285	74.000	30.684	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 14:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: BLE at channel 2480MHz	

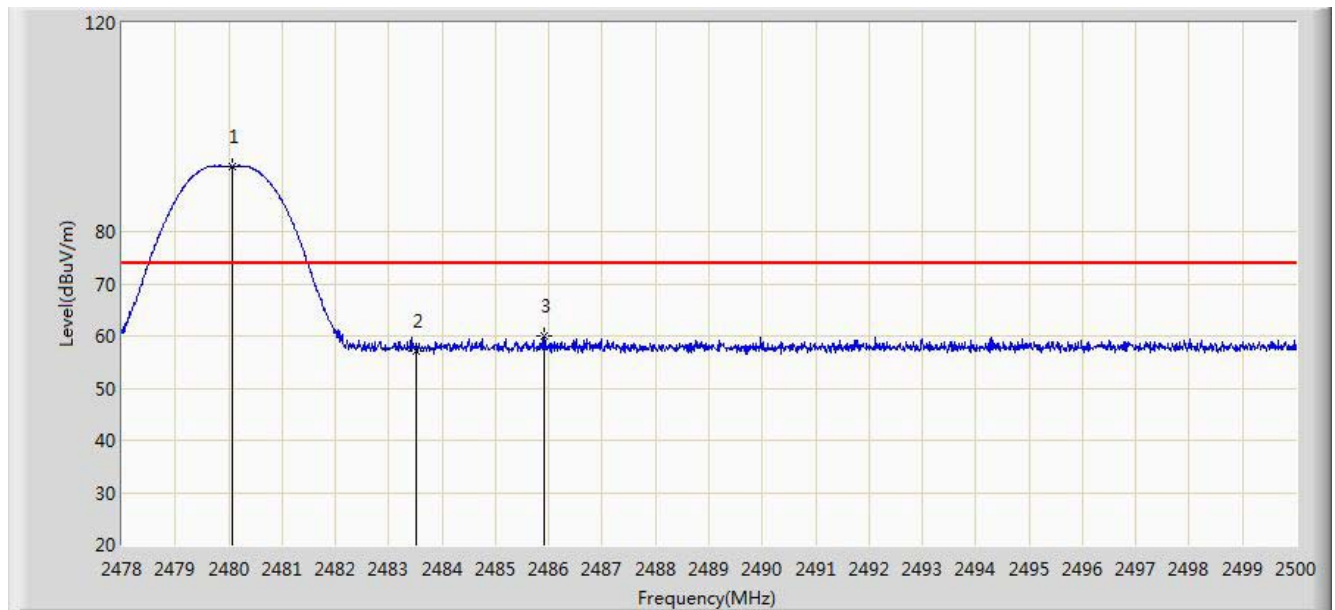


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	74.506	43.844	N/A	N/A	30.662	AV
2			2483.500	45.477	14.804	-8.523	54.000	30.673	AV
3			2487.471	45.472	14.788	-8.528	54.000	30.684	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 14:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case Mode: BLE at channel 2480MHz	

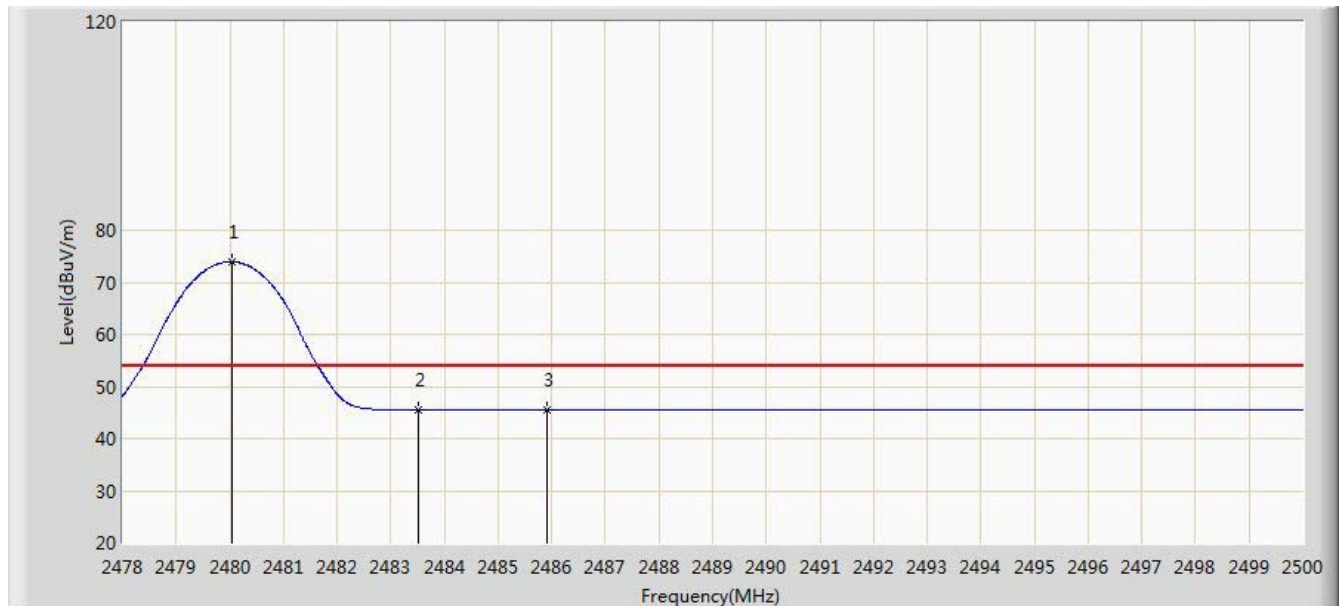


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	92.541	61.879	N/A	N/A	30.662	PK
2			2483.500	57.148	26.475	-16.852	74.000	30.673	PK
3			2485.909	60.016	29.336	-13.984	74.000	30.680	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Engineer: Milo Li	
Site: AC1	Time: 2014/10/08 - 14:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 10.1"PAD	Power: AC 120V/60Hz
Worst Case 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		*	2480.046	73.934	43.272	N/A	N/A	30.662	AV
2			2483.500	45.488	14.815	-8.512	54.000	30.673	AV
3			2485.909	45.453	14.773	-8.547	54.000	30.680	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

7.8. AC Conducted Emissions Measurement

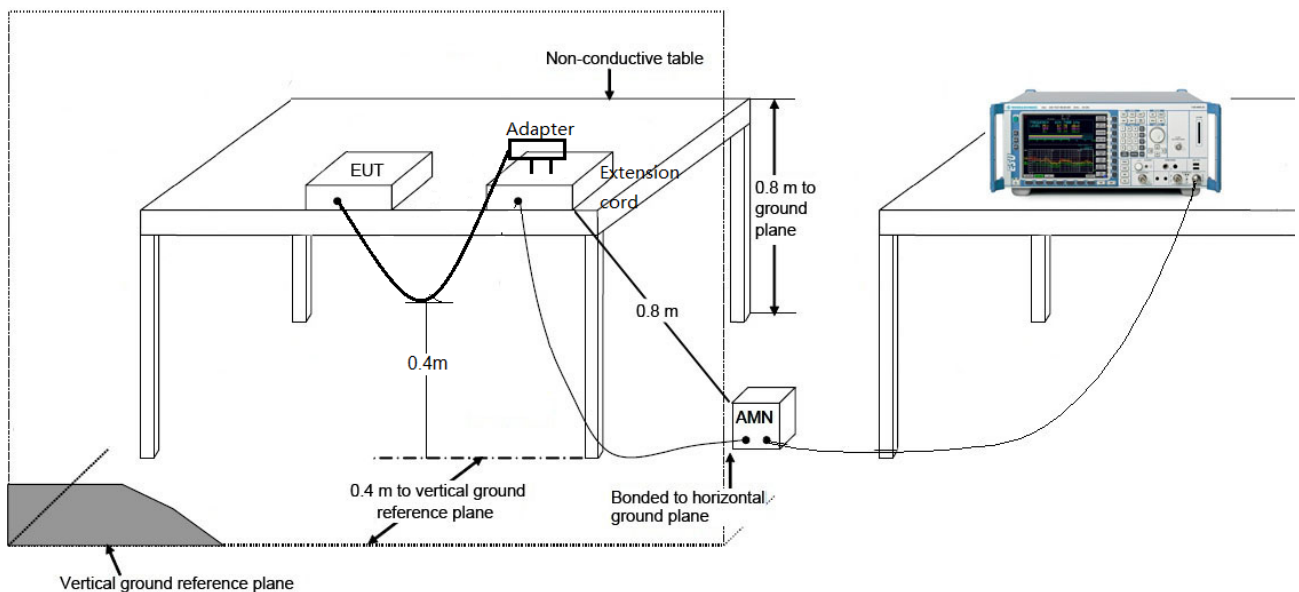
7.8.1. Test Limit

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.

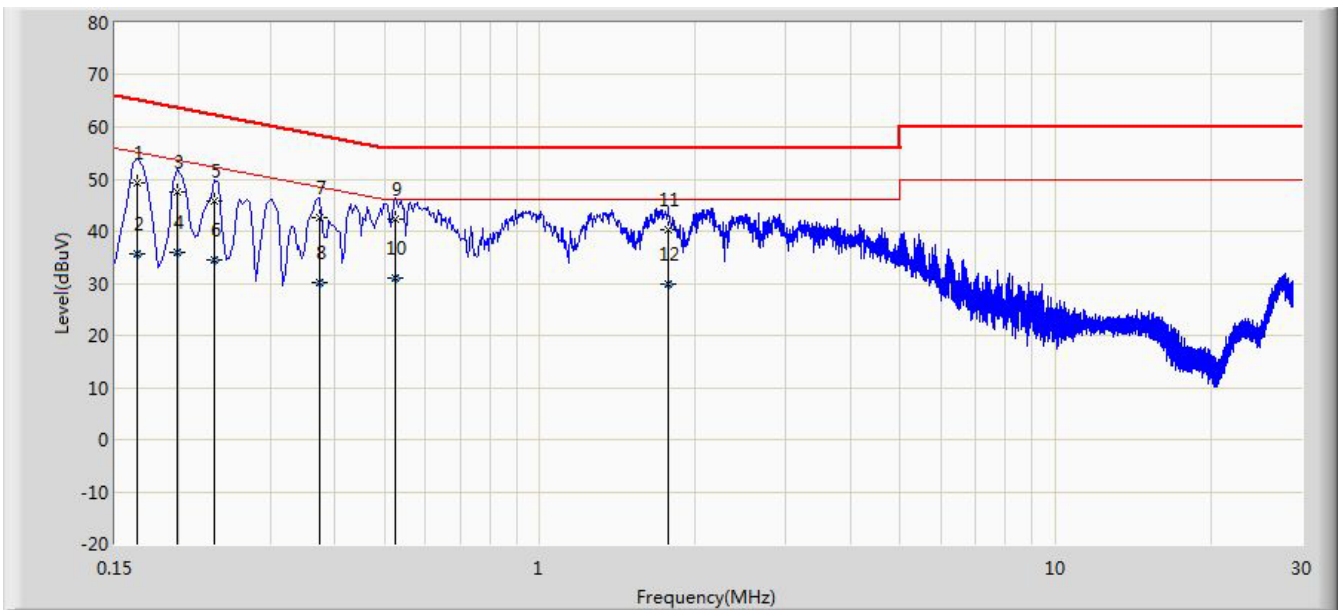
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3. Test Result

Engineer: Roy Cheng	
Site: SR2	Time: 2014/10/13 - 10:55
Limit: FCC_Part15.207_CE_AC Power	Margin: 0
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: 10.1"PAD	Power: AC 120V/60Hz
Note: Normal Operation	

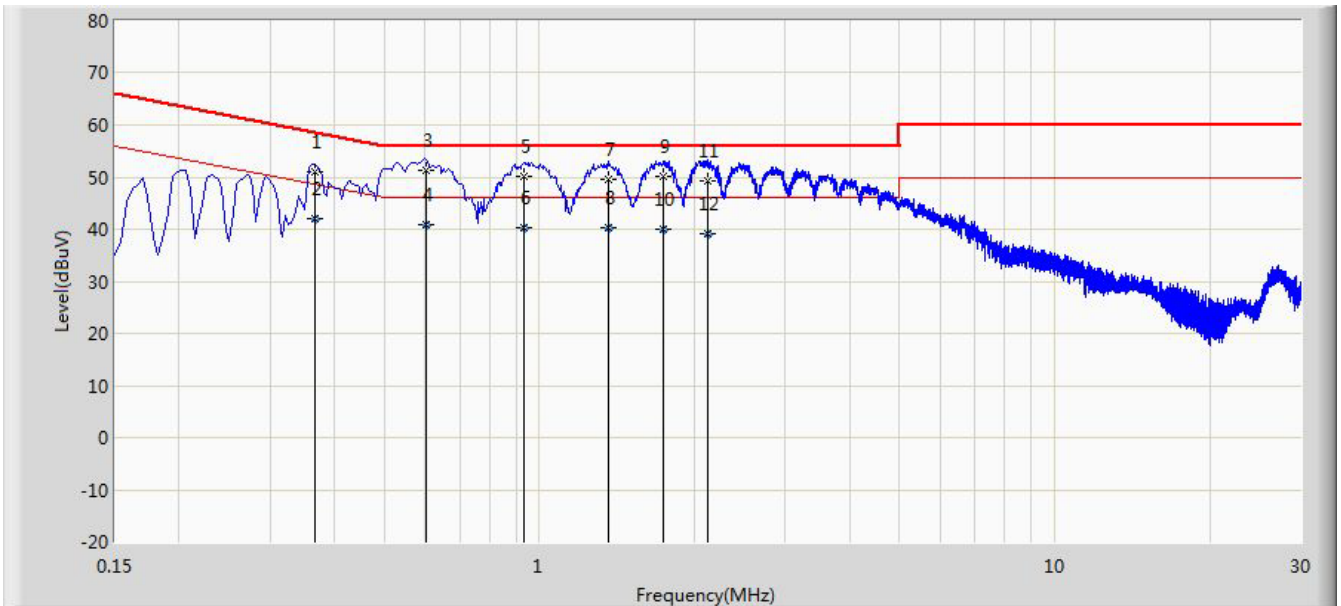


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.166	49.311	39.224	-15.847	65.158	10.087	QP
2			0.166	35.557	25.470	-19.601	55.158	10.087	AV
3			0.198	47.670	37.665	-16.024	63.694	10.005	QP
4			0.198	35.839	25.834	-17.855	53.694	10.005	AV
5			0.234	45.890	35.939	-16.417	62.307	9.951	QP
6			0.234	34.366	24.415	-17.941	52.307	9.951	AV
7			0.374	42.749	32.685	-15.663	58.412	10.064	QP
8			0.374	30.147	20.083	-18.265	48.412	10.064	AV
9		*	0.526	42.411	32.258	-13.589	56.000	10.153	QP
10			0.526	30.886	20.733	-15.114	46.000	10.153	AV
11			1.774	40.260	30.381	-15.740	56.000	9.879	QP
12			1.774	29.975	20.096	-16.025	46.000	9.879	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

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

Engineer: Roy Cheng	
Site: SR2	Time: 2014/10/13 - 10:59
Limit: FCC_Part15.207_CE_AC Power	Margin: 0
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: 10.1"PAD	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			0.366	50.986	40.899	-7.605	58.591	10.087	QP
2			0.366	41.912	31.825	-6.679	48.591	10.087	AV
3		*	0.602	51.445	41.315	-4.555	56.000	10.130	QP
4			0.602	40.967	30.837	-5.033	46.000	10.130	AV
5			0.934	50.132	40.187	-5.868	56.000	9.945	QP
6			0.934	40.332	30.387	-5.668	46.000	9.945	AV
7			1.362	49.668	39.772	-6.332	56.000	9.896	QP
8			1.362	40.184	30.288	-5.816	46.000	9.896	AV
9			1.742	50.090	40.208	-5.910	56.000	9.882	QP
10			1.742	39.868	29.986	-6.132	46.000	9.882	AV
11			2.126	49.360	39.489	-6.640	56.000	9.871	QP
12			2.126	39.156	29.285	-6.844	46.000	9.871	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + 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 **10.1"PAD FCC ID: ROU00010** is in compliance with Part 15C of the FCC Rules.