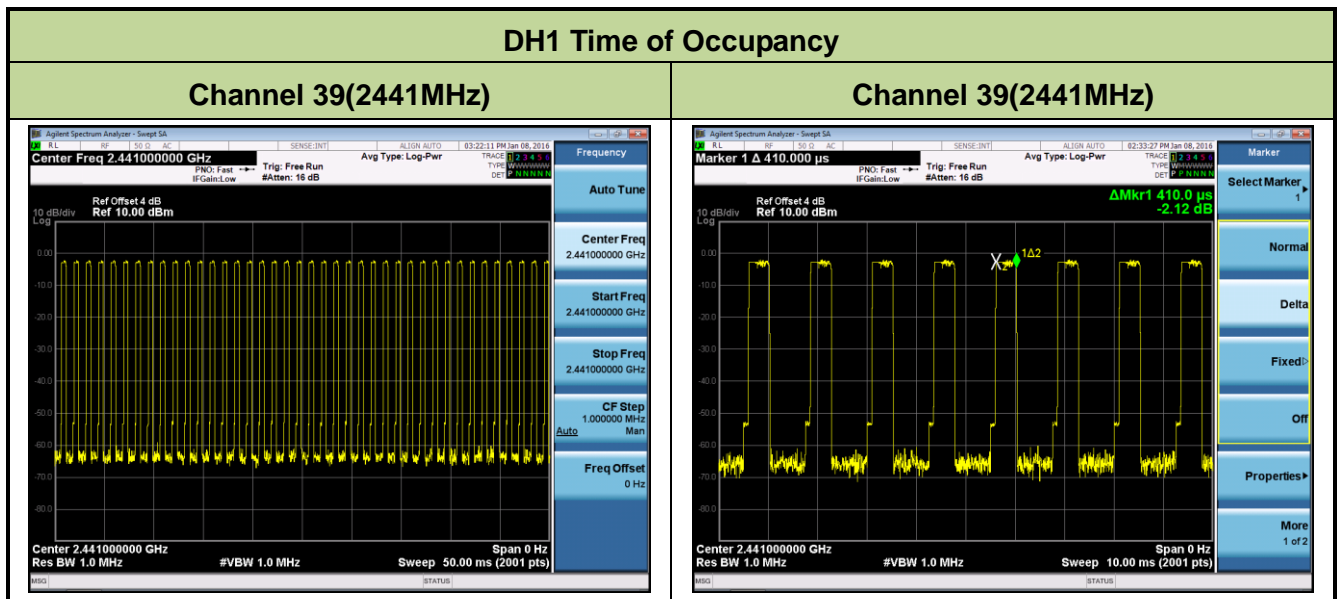


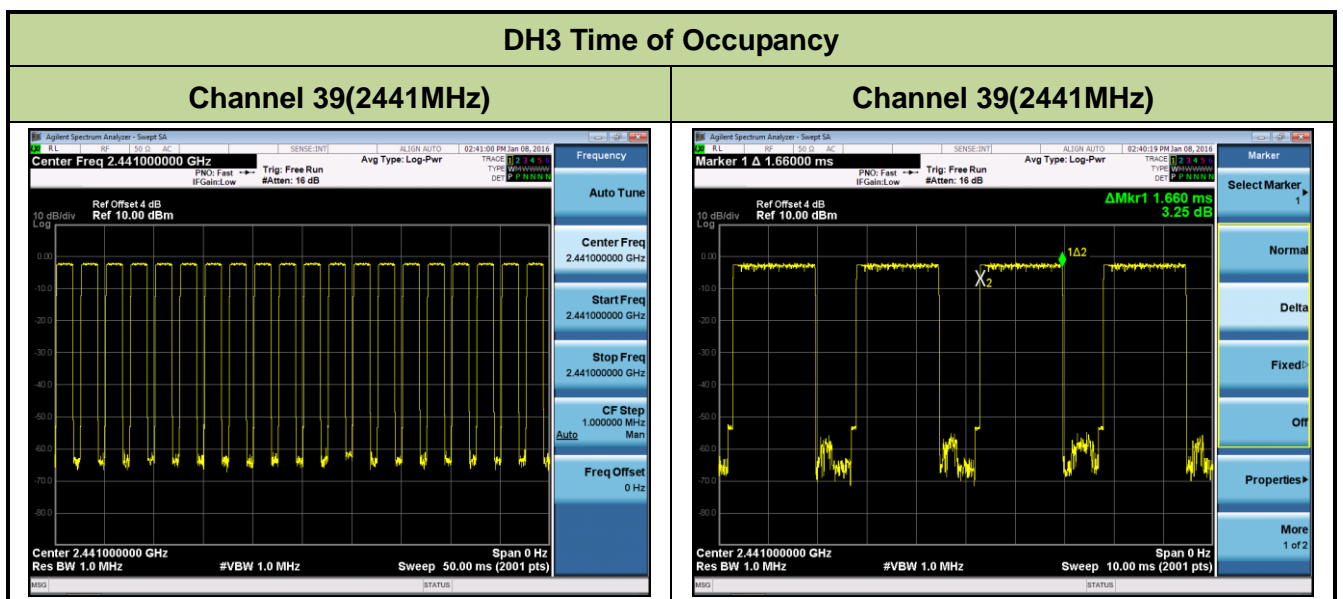
### 7.6.5. Test Result

Test Mode	Channel No.	Frequency (MHz)	Time of Occupancy (ms)	Limit (ms)	Result
DH1	39	2441	131.20	< 400	Pass
DH3	39	2441	265.60	< 400	Pass
DH5	39	2441	302.64	< 400	Pass



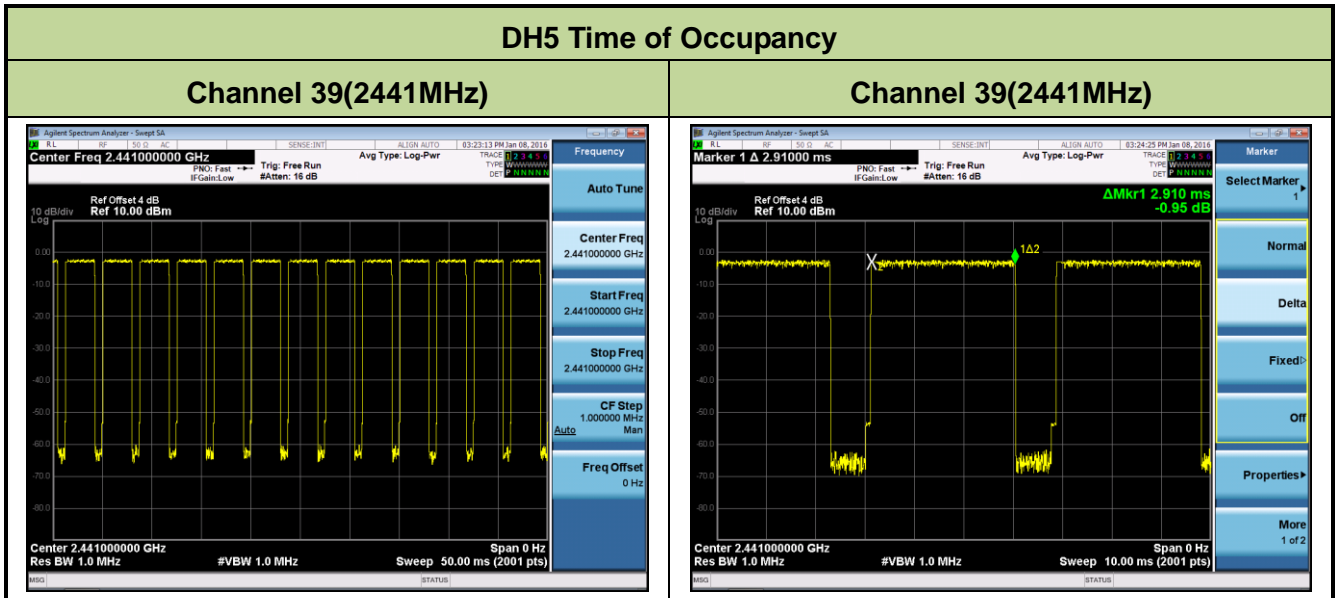
Note: Test Time Period:  $0.4 * 79 = 31.6$ sec, Hopping Times Within 1sec:  $40/50$ msec= $800$  hops/sec.

The Maximum Occupancy Time within 31.6sec:  $[(0.41\text{ms} * 800) / 79] * 31.6 = 131.20$  msec.



Note: Test Time Period:  $0.4 * 79 = 31.6$ sec, Hopping Times Within 1sec:  $20/50$ msec= $400$ hops/sec.

The Maximum Occupancy Time within 31.6sec:  $[(1.66\text{ms} * 400) / 79] * 31.6 = 265.60$  msec.



Note: Test Time Period:  $0.4 * 79 = 31.6$ sec, Hopping Times Within 1sec:  $13/50$ msec= $260$  hops/sec.

The Maximum Occupancy Time within 31.6sec:  $[(2.91\text{ms} * 260) / 79] * 31.6 = 302.64$  msec.

## **7.7. Band-edge Compliance Measurement**

### **7.7.1. Test Limit**

The maximum permissible emission level is 20dBc. Any emissions were lying outside of the emission bandwidth and in authorized band edges to a field strength limit specified in Section 15.209 of the Title 47 CFR.

### **7.7.2. Test Procedure Used**

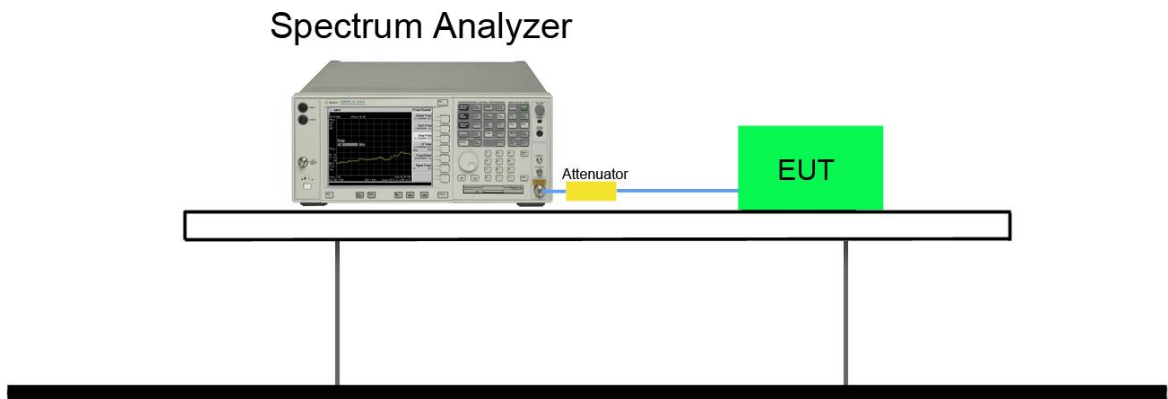
ANSI C63.10-2013 - Section 6.10.4

### **7.7.3. Test Setting**

1. Span = wide enough to capture the peak level of the emission operating on the channel closest to the band edge, as well as any modulation products which fall outside of the authorized band of operation.
2. RBW  $\geq$  1% of spectrum analyzer display span
3. VBW  $\geq$  RBW
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

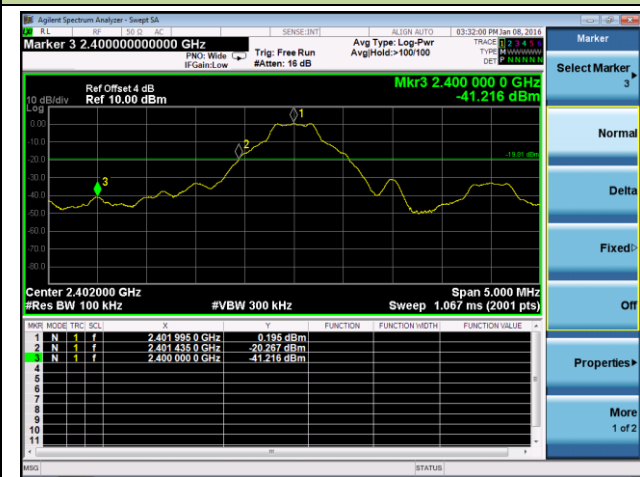
Allow the trace to stabilize. Set the marker on the emission at the band edge, or on the highest modulation product outside of the band, if this level is greater than that at the band edge. Enable the marker-delta function, then use the marker-to-peak function to move the marker to the peak of the in-band emission.

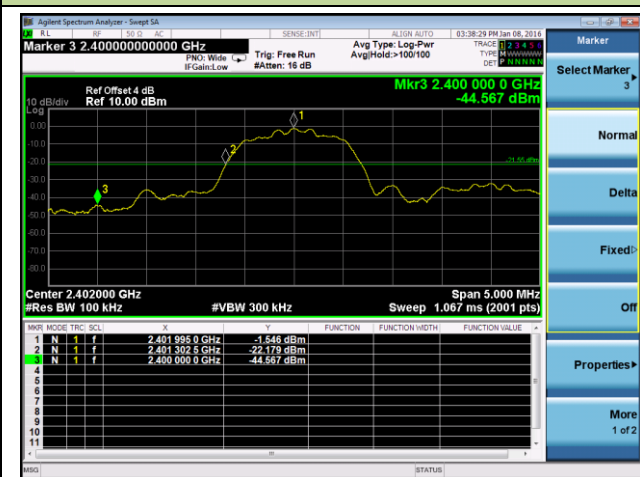
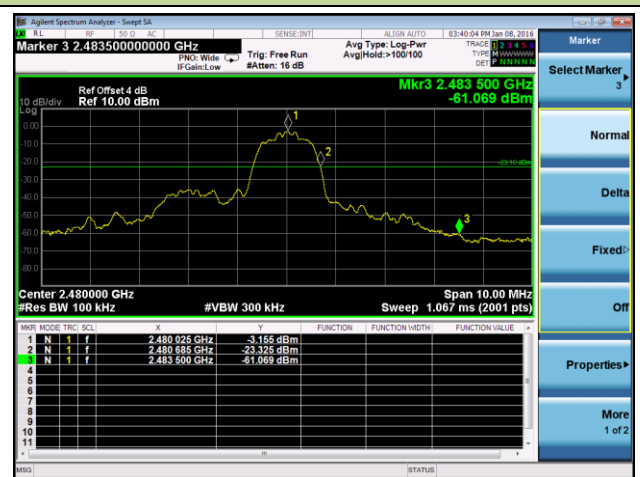
### 7.7.4. Test Setup



**7.7.5. Test Result**

Test Mode	Channel No.	Frequency (MHz)	Limit	Result
DH5	00	2402	20dBc	Pass
DH5	78	2480	20dBc	Pass
2DH5	00	2402	20dBc	Pass
2DH5	78	2480	20dBc	Pass
3DH5	00	2402	20dBc	Pass
3DH5	78	2480	20dBc	Pass

**DH5 Band-edge Compliance**
**Channel 00 (2402MHz)**

**Channel 78 (2480MHz)**

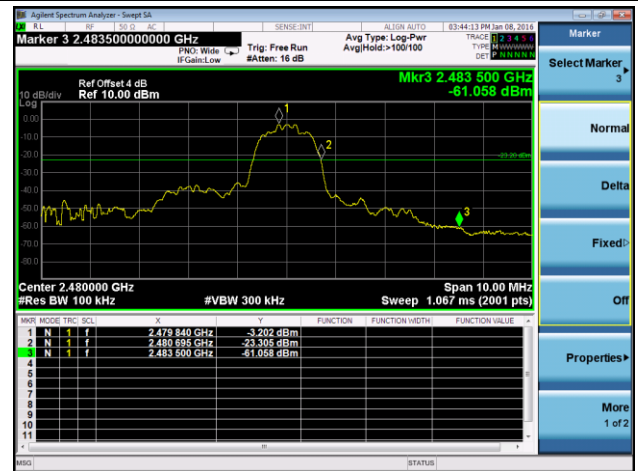
**2DH5 Band-edge Compliance**
**Channel 00 (2402MHz)**

**Channel 78 (2480MHz)**


### 3DH5 Band-edge Compliance

#### Channel 00 (2402MHz)

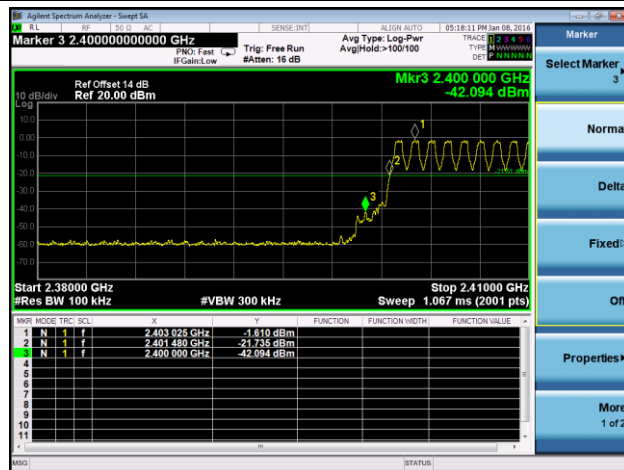


#### Channel 78 (2480MHz)

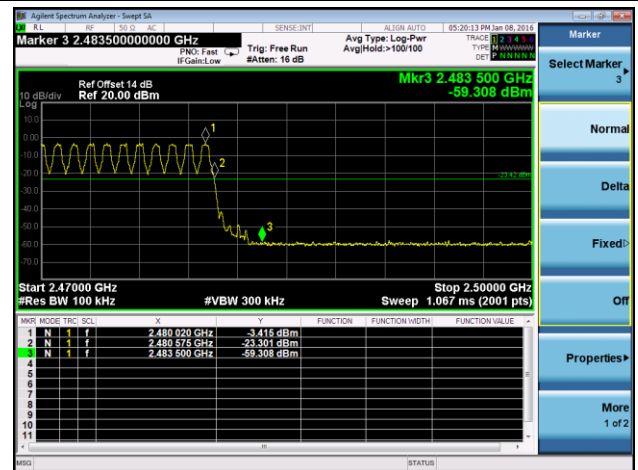


### DH5 Band-edge within Hopping Mode

#### Channel 00 (2402MHz)

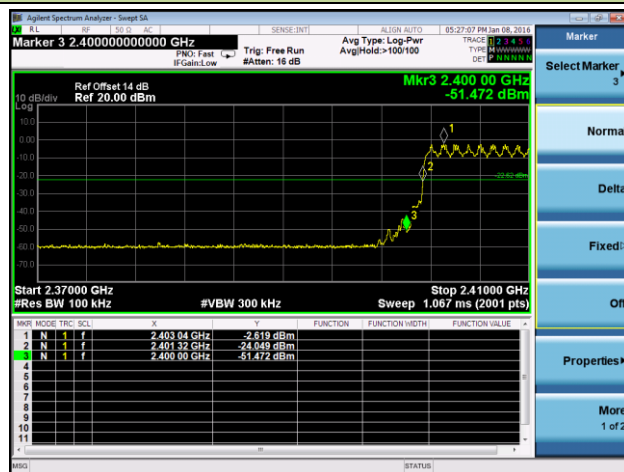


#### Channel 78 (2480MHz)

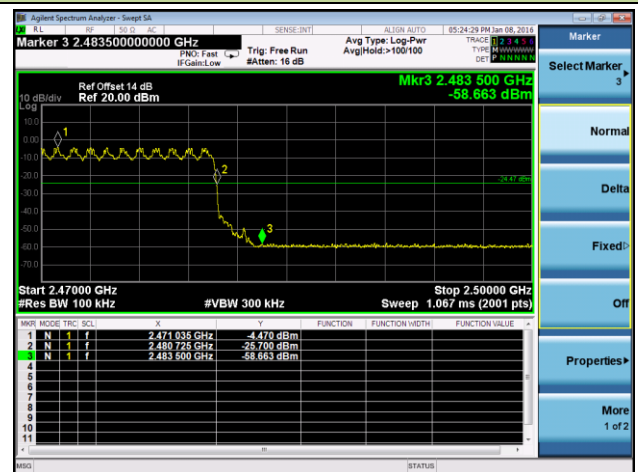


### 2DH5 Band-edge within Hopping Mode

#### Channel 00 (2402MHz)



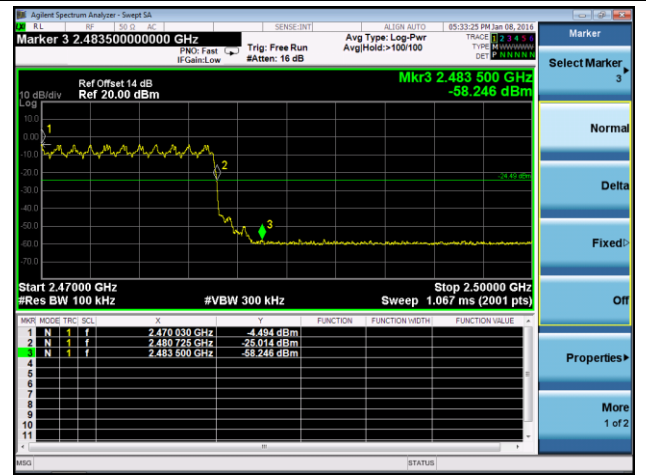
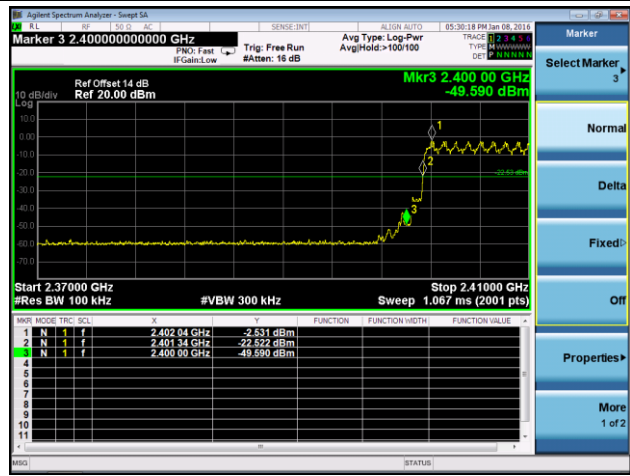
#### Channel 78 (2480MHz)



### 3DH5 Band-edge within Hopping Mode

#### Channel 00 (2402MHz)

#### Channel 78 (2480MHz)



## **7.8. Conducted Spurious Emissions Measurement**

### **7.8.1. Test Limit**

In any 100 kHz 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 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

### **7.8.2. Test Procedure Used**

ANSI C63.10-2013 - Section 7.8.8

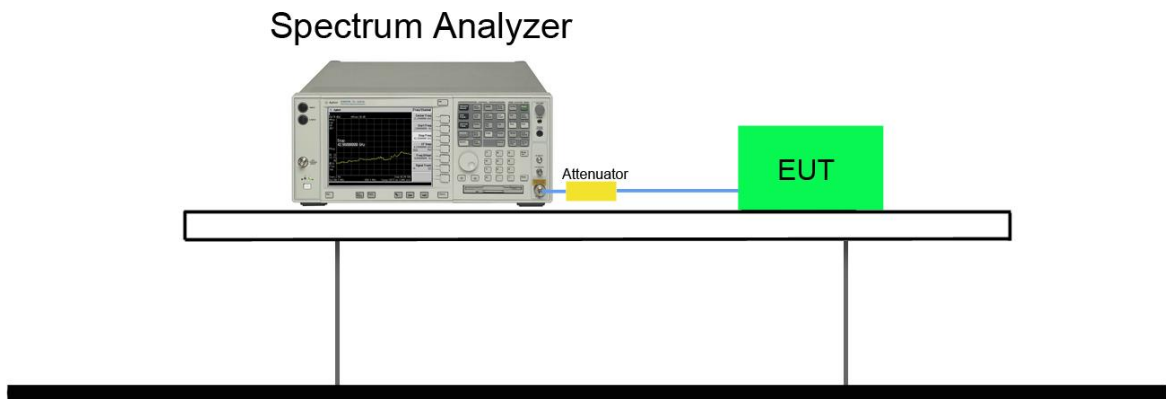
### **7.8.3. Test Setting**

1. Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10<sup>th</sup> harmonic. Typically, several plots are required to cover this entire span.
2. RBW = 100 KHz
3. VBW  $\geq$  RBW
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Set the marker on the peak of any spurious emission recorded. The level displayed must comply with the limit specified in this section.

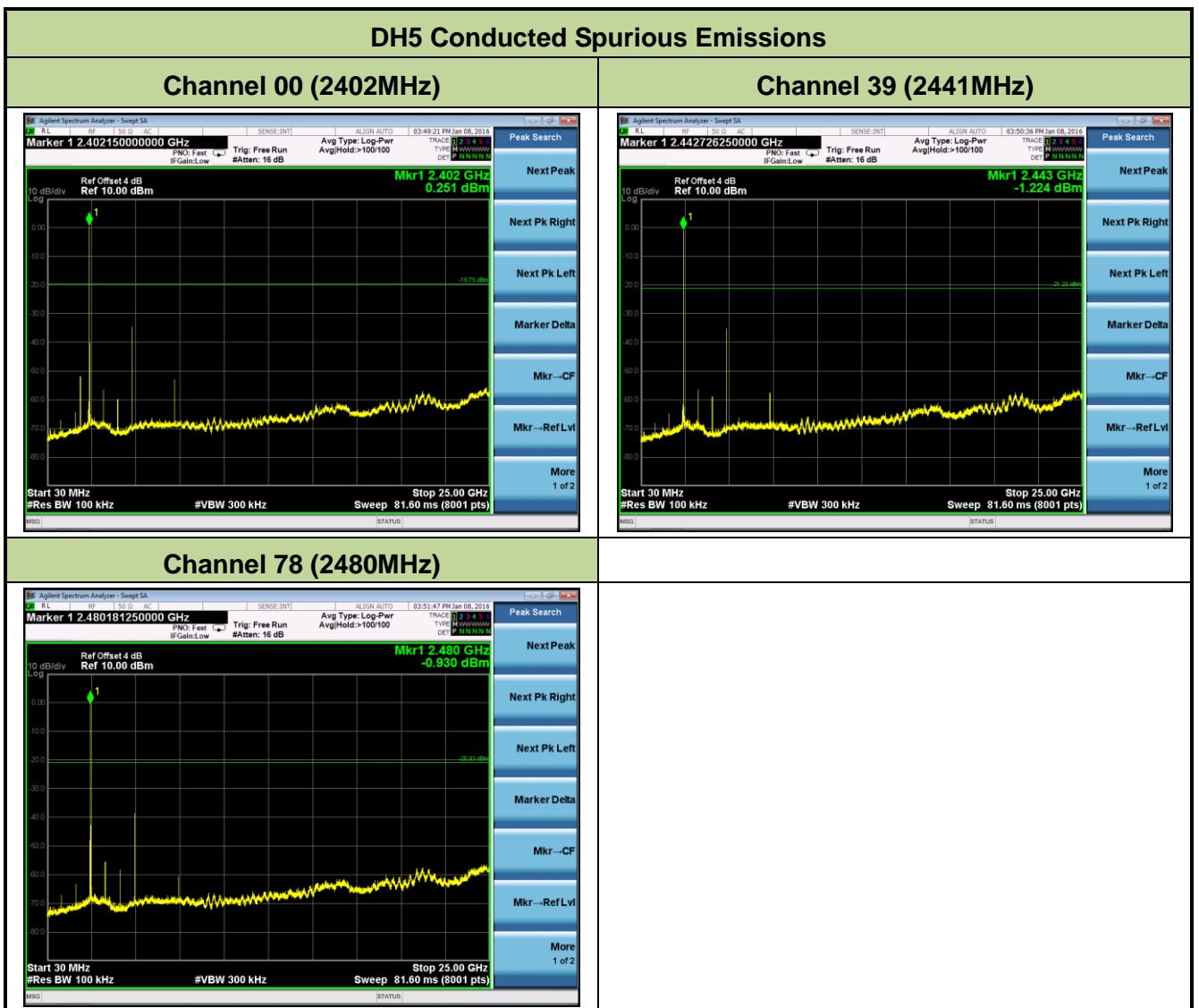


### 7.8.4. Test Setup



**7.8.5. Test Result**

Test Mode	Channel No.	Frequency (MHz)	Limit (MHz)	Result
DH5	00	2402	20dBc	Pass
DH5	39	2441	20dBc	Pass
DH5	78	2480	20dBc	Pass
2DH5	00	2402	20dBc	Pass
2DH5	39	2441	20dBc	Pass
2DH5	78	2480	20dBc	Pass
3DH5	00	2402	20dBc	Pass
3DH5	39	2441	20dBc	Pass
3DH5	78	2480	20dBc	Pass

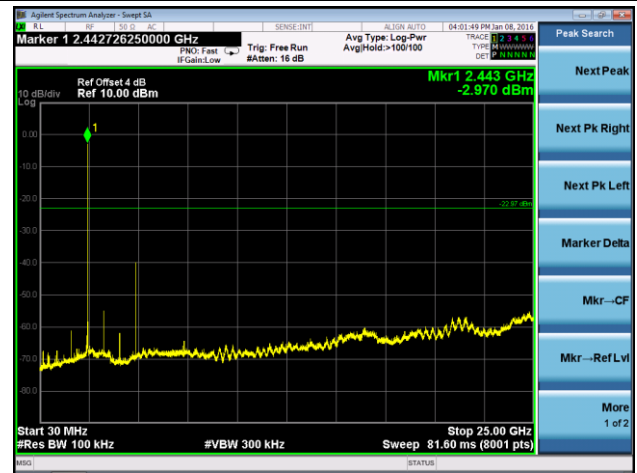


### 2DH5 Conducted Spurious Emissions

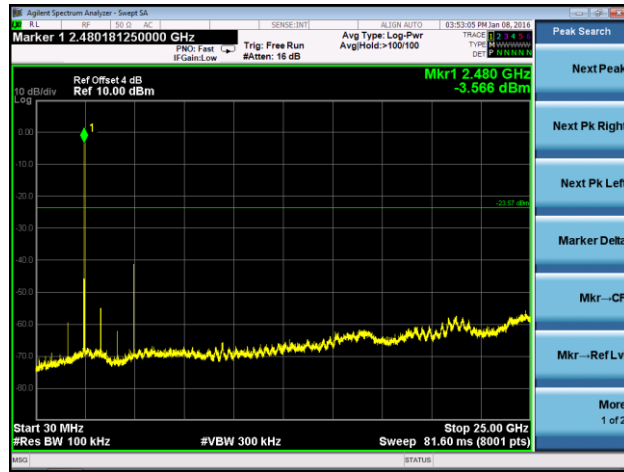
#### Channel 00 (2402MHz)



#### Channel 39 (2441MHz)

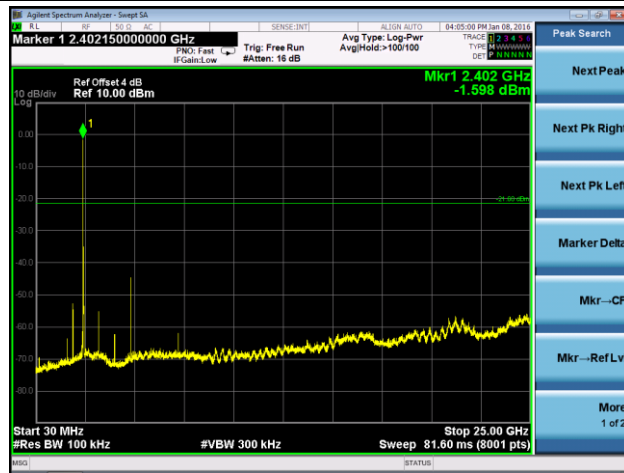


#### Channel 78 (2480MHz)

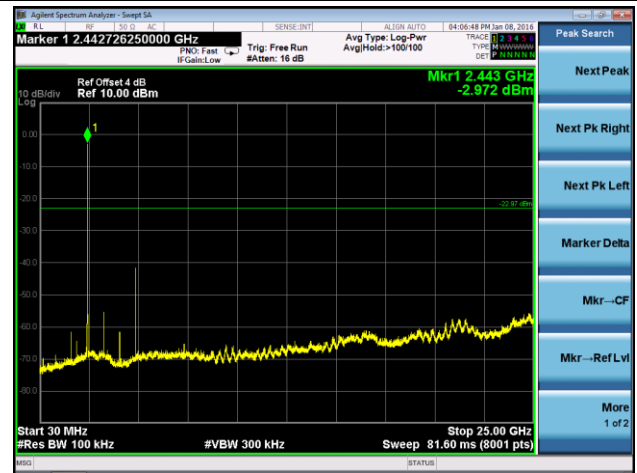


### 3DH5 Conducted Spurious Emissions

#### Channel 00 (2402MHz)



#### Channel 39 (2441MHz)



#### Channel 78 (2480MHz)



## 7.9. Radiated Spurious Emission Measurement

### 7.9.1. 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

### 7.9.2. Test Procedure Used

ANSI C63.10-2013 - Section 11.12.1

### 7.9.3. Test Setting

#### Peak Field Strength Measurements

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 = 3 \* RBW
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**

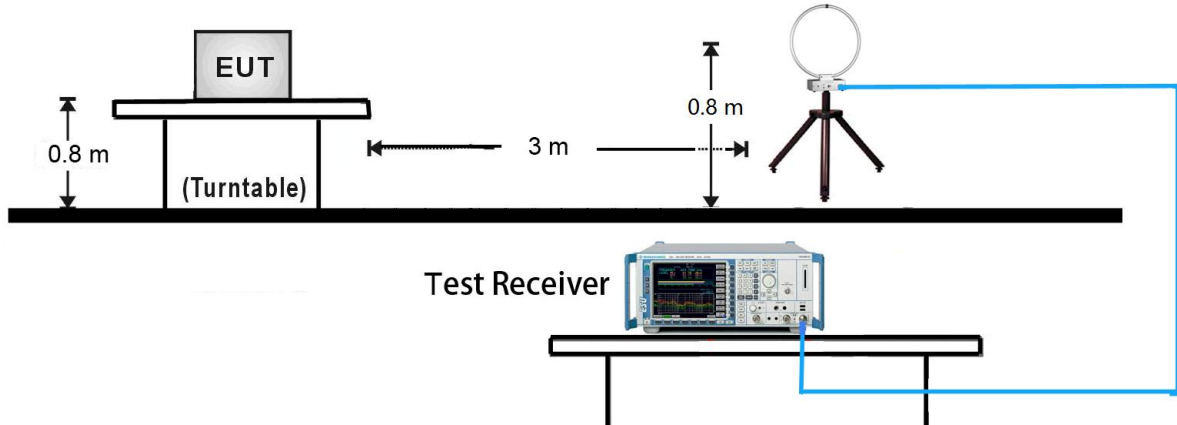
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

**Average Field Strength Measurements**

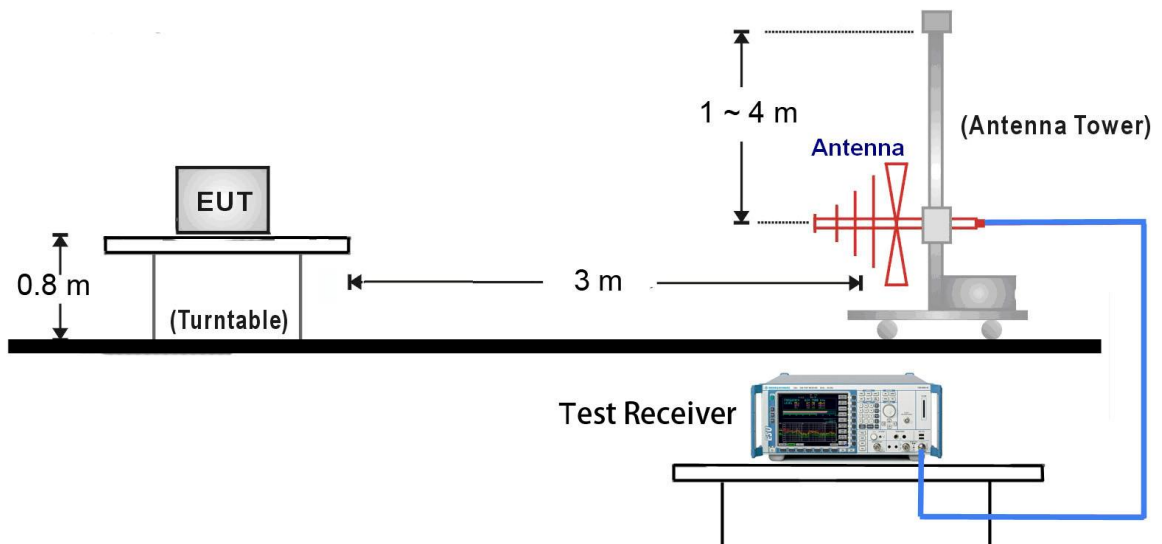
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW  $\geq 1/T$
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB 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

### 7.9.4. Test Setup

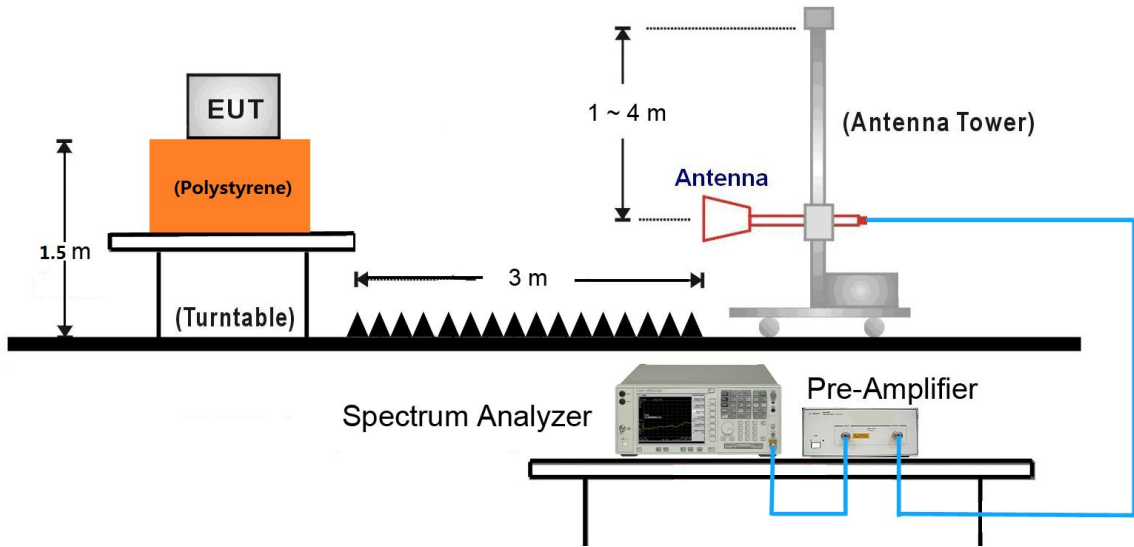
#### 9kHz ~ 30MHz Test Setup:



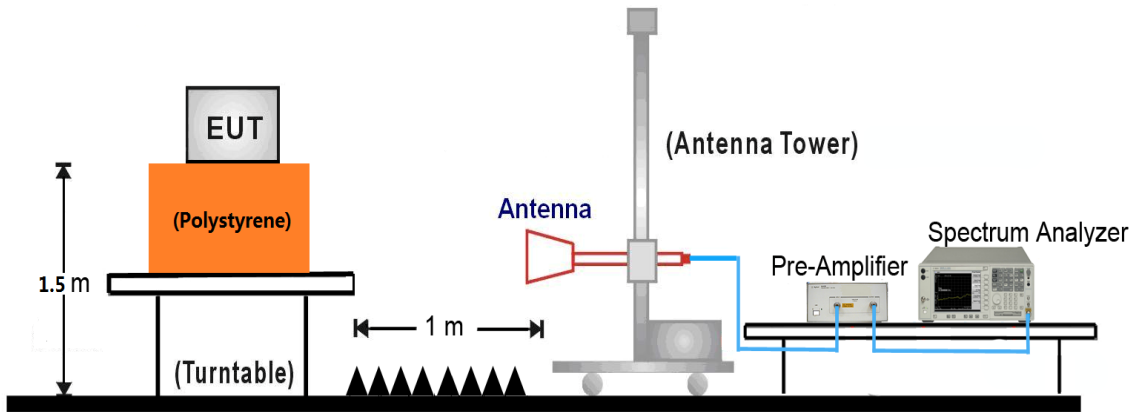
#### 30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



18GHz ~40GHz Test Setup:





**7.9.5. Test Result**

Test Mode:	DH5	Test Site:	AC2
Test Channel:	00	Test Engineer:	Lewis Huang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. 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
	3856.0	38.9	-0.6	38.3	74.0	-35.7	Peak	Horizontal
	4799.5	48.4	2.8	51.2	74.0	-22.8	Peak	Horizontal
*	6414.5	36.4	6.7	43.1	78.8	-35.7	Peak	Horizontal
*	9644.5	34.9	12.7	47.6	78.8	-31.2	Peak	Horizontal
	3890.0	39.2	-0.6	38.6	74.0	-35.4	Peak	Vertical
	4799.5	50.6	2.8	53.4	74.0	-20.6	Peak	Vertical
*	6482.5	35.1	7.2	42.3	78.8	-36.5	Peak	Vertical
*	9848.5	34.3	13.3	47.6	78.8	-31.2	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (98.8dBμV/m) or 15.209 which is higher.

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:	DH5	Test Site:	AC2
Test channel:	39	Test Engineer:	Lewis Huang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. 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
	3873.0	38.7	-0.6	38.1	74.0	-35.9	Peak	Horizontal
	4884.5	41.6	2.7	44.3	74.0	-29.7	Peak	Horizontal
*	6508.0	35.5	7.3	42.8	79.3	-36.5	Peak	Horizontal
*	9695.5	35.2	12.4	47.6	79.3	-31.7	Peak	Horizontal
	3728.5	40.0	-0.8	39.2	74.0	-34.8	Peak	Vertical
	4884.5	44.6	2.7	47.3	74.0	-26.7	Peak	Vertical
*	6559.0	35.8	7.5	43.3	79.3	-36.0	Peak	Vertical
*	9840.0	34.3	13.5	47.8	79.3	-31.5	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (99.3dBμV/m) or 15.209 which is higher.

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:	DH5	Test Site:	AC2
Test channel:	78	Test Engineer:	Lewis Huang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. 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
	3881.5	39.0	-0.6	38.4	74.0	-35.6	Peak	Horizontal
	4961.0	51.0	2.7	53.7	74.0	-20.3	Peak	Horizontal
*	6508.0	35.5	7.3	42.8	75.6	-32.8	Peak	Horizontal
*	9780.5	35.2	12.7	47.9	75.6	-27.7	Peak	Horizontal
	3813.5	38.6	-0.6	38.0	74.0	-36.0	Peak	Vertical
	4961.0	46.9	2.7	49.6	74.0	-24.4	Peak	Vertical
*	6440.0	35.3	6.8	42.1	75.6	-33.5	Peak	Vertical
*	9840.0	34.2	13.5	47.7	75.6	-27.9	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (95.6dB $\mu$ V/m) or 15.209 which is higher.

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:	2DH5	Test Site:	AC2
Test channel:	00	Test Engineer:	Lewis Huang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. 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
	3788.0	39.9	-0.6	39.3	74.0	-34.7	Peak	Horizontal
	4808.0	42.4	2.7	45.1	74.0	-28.9	Peak	Horizontal
*	6440.0	35.4	6.8	42.2	75.7	-33.5	Peak	Horizontal
*	9704.0	35.0	12.3	47.3	75.7	-28.4	Peak	Horizontal
	3728.5	40.4	-0.8	39.6	74.0	-34.4	Peak	Vertical
	4808.0	45.5	2.7	48.2	74.0	-25.8	Peak	Vertical
*	6559.0	35.4	7.5	42.9	75.7	-32.8	Peak	Vertical
*	9721.0	34.8	12.3	47.1	75.7	-28.6	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (95.7dBμV/m) or 15.209 which is higher.

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:	2DH5	Test Site:	AC2
Test channel:	39	Test Engineer:	Lewis Huang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. 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
	3864.5	39.6	-0.6	39.0	74.0	-35.0	Peak	Horizontal
	4884.5	40.7	2.7	43.4	74.0	-30.6	Peak	Horizontal
*	6525.0	35.3	7.3	42.6	77.8	-35.2	Peak	Horizontal
*	9840.0	34.1	13.5	47.6	77.8	-30.2	Peak	Horizontal
	3864.5	39.6	-0.6	39.0	74.0	-35.0	Peak	Vertical
	4884.5	40.7	2.7	43.4	74.0	-30.6	Peak	Vertical
*	6559.0	35.2	7.5	42.7	77.8	-35.1	Peak	Vertical
*	9840.0	34.7	13.5	48.2	77.8	-29.6	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (97.8dBμV/m) or 15.209 which is higher.

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:	2DH5	Test Site:	AC2
Test channel:	78	Test Engineer:	Lewis Huang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. 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
	3856.0	38.8	-0.6	38.2	74.0	-35.8	Peak	Horizontal
	4961.0	43.2	2.7	45.9	74.0	-28.1	Peak	Horizontal
*	6474.0	35.2	7.1	42.3	73.9	-31.6	Peak	Horizontal
*	9695.5	35.2	12.4	47.6	73.9	-26.3	Peak	Horizontal
	3830.5	39.2	-0.6	38.6	74.0	-35.4	Peak	Vertical
	4961.0	39.7	2.7	42.4	74.0	-31.6	Peak	Vertical
*	6406.0	35.7	6.6	42.3	73.9	-31.6	Peak	Vertical
*	9840.0	34.2	13.5	47.7	73.9	-26.2	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (93.9dBμV/m) or 15.209 which is higher.

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:	3DH5	Test Site:	AC2
Test channel:	00	Test Engineer:	Lewis Huang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. 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
	3720.0	39.1	-0.8	38.3	74.0	-35.7	Peak	Horizontal
	4808.0	42.1	2.7	44.8	74.0	-29.2	Peak	Horizontal
*	6457.0	35.6	6.9	42.5	76.1	-33.6	Peak	Horizontal
*	9619.0	34.0	12.4	46.4	76.1	-29.7	Peak	Horizontal
	3796.5	39.0	-0.6	38.4	74.0	-35.6	Peak	Vertical
	4808.0	42.1	2.7	44.8	74.0	-29.2	Peak	Vertical
*	6465.5	35.8	7.0	42.8	76.1	-33.3	Peak	Vertical
*	9721.0	35.0	12.3	47.3	76.1	-28.8	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (96.1dB $\mu$ V/m) or 15.209 which is higher.

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:	3DH5	Test Site:	AC2
Test channel:	39	Test Engineer:	Lewis Huang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. 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
	3873.0	39.4	-0.6	38.8	74.0	-35.2	Peak	Horizontal
	4884.5	37.3	2.7	40.0	74.0	-34.0	Peak	Horizontal
*	6474.0	35.2	7.1	42.3	77.8	-35.5	Peak	Horizontal
*	9840.0	34.1	13.5	47.6	77.8	-30.2	Peak	Horizontal
	3720.0	40.2	-0.8	39.4	74.0	-34.6	Peak	Vertical
	4884.5	38.0	2.7	40.7	74.0	-33.3	Peak	Vertical
*	6712.0	36.1	7.7	43.8	77.8	-34.0	Peak	Vertical
*	9789.0	35.1	12.9	48.0	77.8	-29.8	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (97.8dBμV/m) or 15.209 which is higher.

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:	3DH5	Test Site:	AC2
Test channel:	78	Test Engineer:	Lewis Huang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. 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
	3847.5	39.7	-0.6	39.1	74.0	-34.9	Peak	Horizontal
	4961.0	42.5	2.7	45.2	74.0	-28.8	Peak	Horizontal
*	6627.0	35.0	7.6	42.6	73.2	-30.6	Peak	Horizontal
*	9865.5	35.1	13.2	48.3	73.2	-24.9	Peak	Horizontal
	3788.0	39.2	-0.6	38.6	74.0	-35.4	Peak	Vertical
	4961.0	43.2	2.7	45.9	74.0	-28.1	Peak	Vertical
*	6516.5	34.9	7.4	42.3	73.2	-30.9	Peak	Vertical
*	9840.0	34.0	13.5	47.5	73.2	-25.7	Peak	Vertical

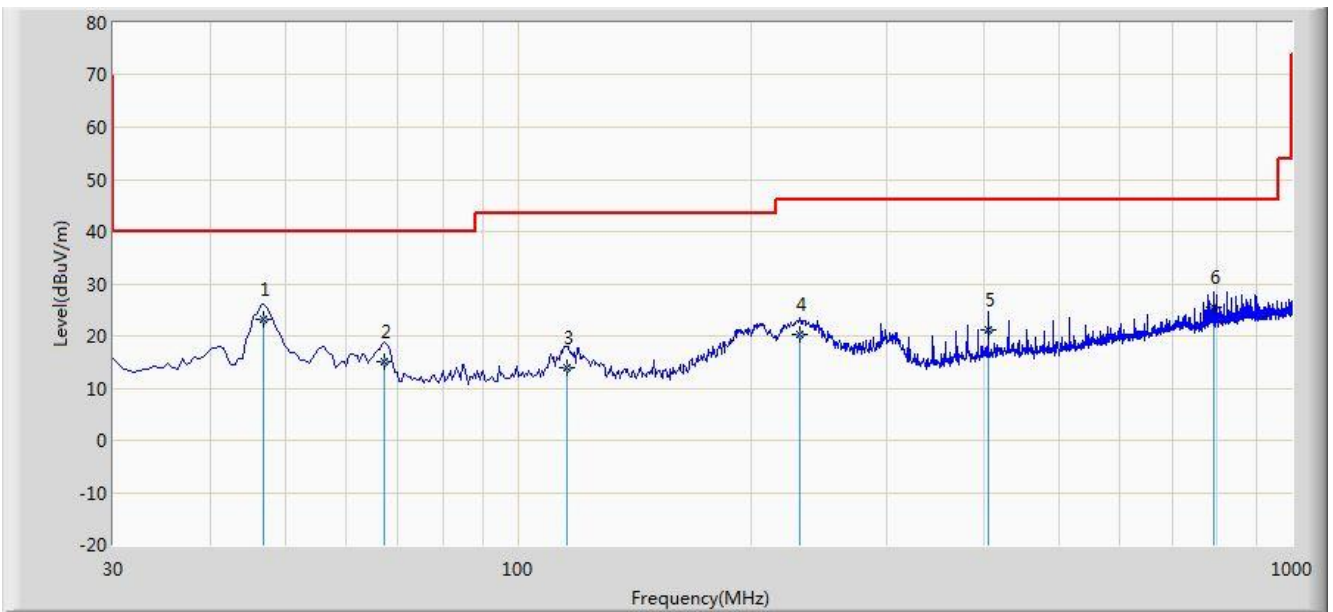
Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (93.2dBμV/m) or 15.209 which is higher.

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 9KHz ~ 1GHz and 18GHz ~ 25GHz:**

Site: AC2	Time: 2016/08/16 - 14:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: Pulse2	Power: AC 120V/60Hz
Mode: Transmit at Channel 2402MHz by 2DH5	

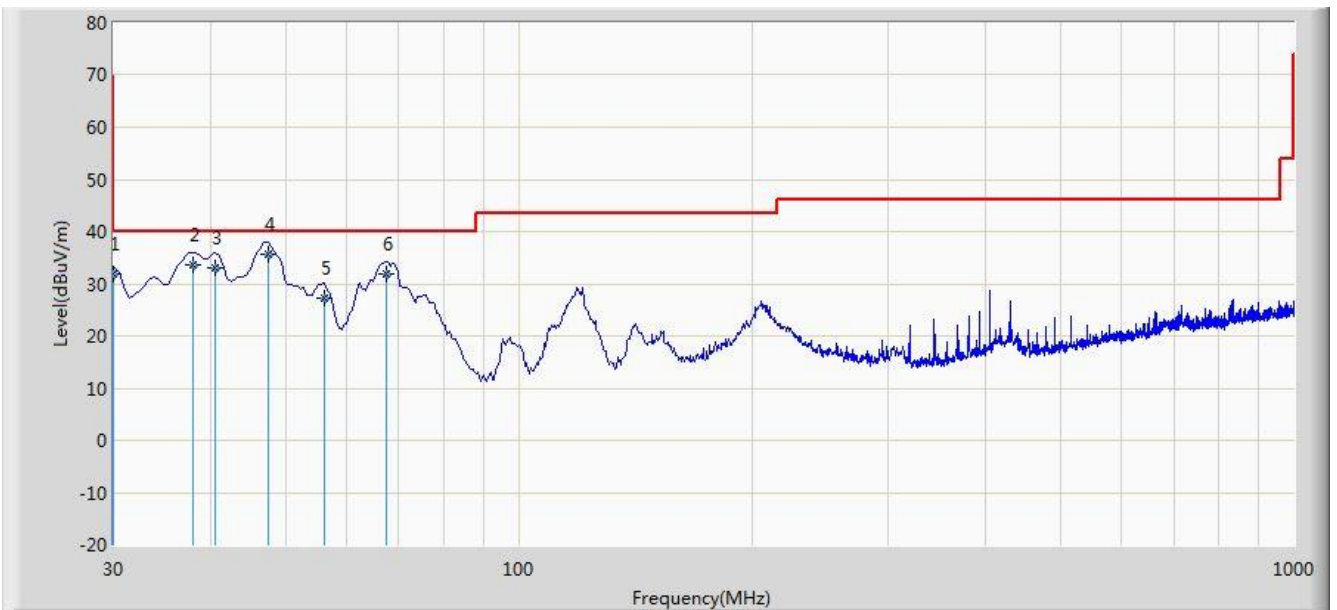


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	46.975	23.121	8.141	-16.879	40.000	14.980	QP
2		67.345	15.110	3.345	-24.890	40.000	11.765	QP
3		115.845	13.946	2.005	-29.554	43.500	11.941	QP
4		231.760	20.375	7.232	-25.625	46.000	13.143	QP
5		405.390	21.151	4.332	-24.849	46.000	16.819	QP
6		792.905	25.543	2.768	-20.457	46.000	22.775	QP

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

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

Site: AC2	Time: 2016/08/16 - 14:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: Pulse2	Power: AC 120V/60Hz
Mode: Transmit at Channel 2402MHz by 2DH5	

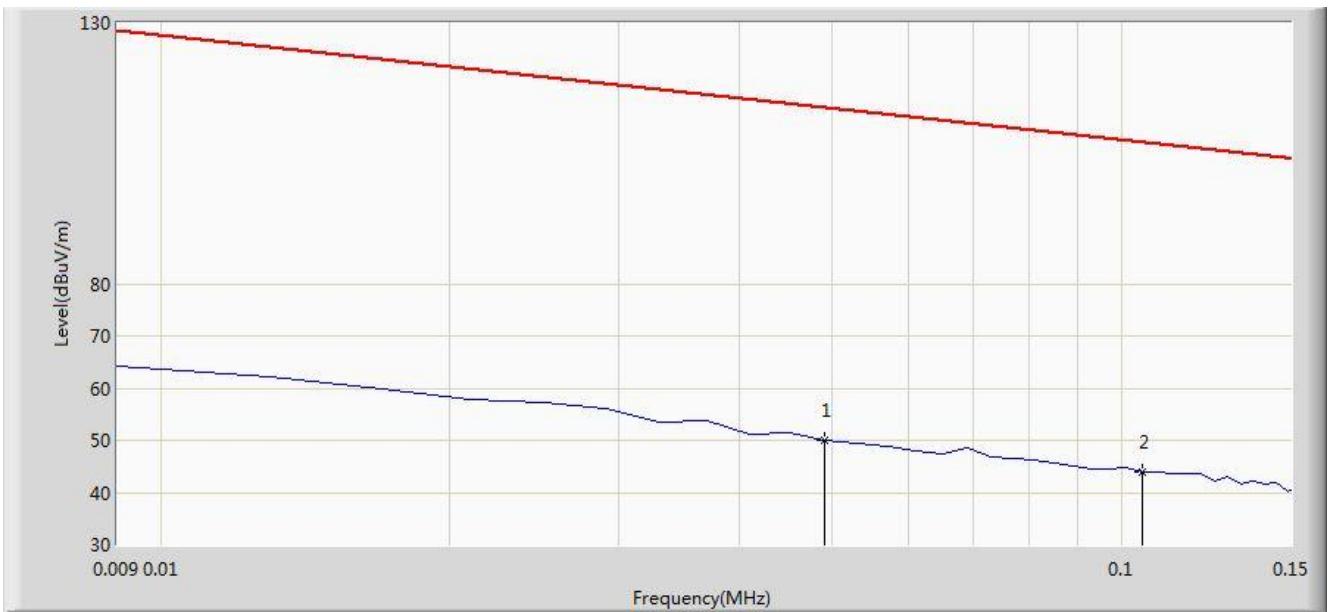


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		30.000	31.867	19.800	-8.133	40.000	12.067	QP
2		38.050	33.666	20.200	-6.334	40.000	13.466	QP
3		40.540	32.966	19.000	-7.034	40.000	13.966	QP
4	*	47.580	35.670	20.700	-4.330	40.000	14.970	QP
5		56.190	27.381	12.902	-12.619	40.000	14.478	QP
6		67.560	31.894	20.200	-8.106	40.000	11.694	QP

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

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

Site: AC2	Time: 2016/08/22 - 18:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Line Chen
Probe: FMZB1519_0.009-30MHz	Polarity: Face On
EUT: Pulse2	Power: AC 120V/60Hz
<b>Note: There is the ambient noise within frequency range 9kHz~30MHz.</b>	

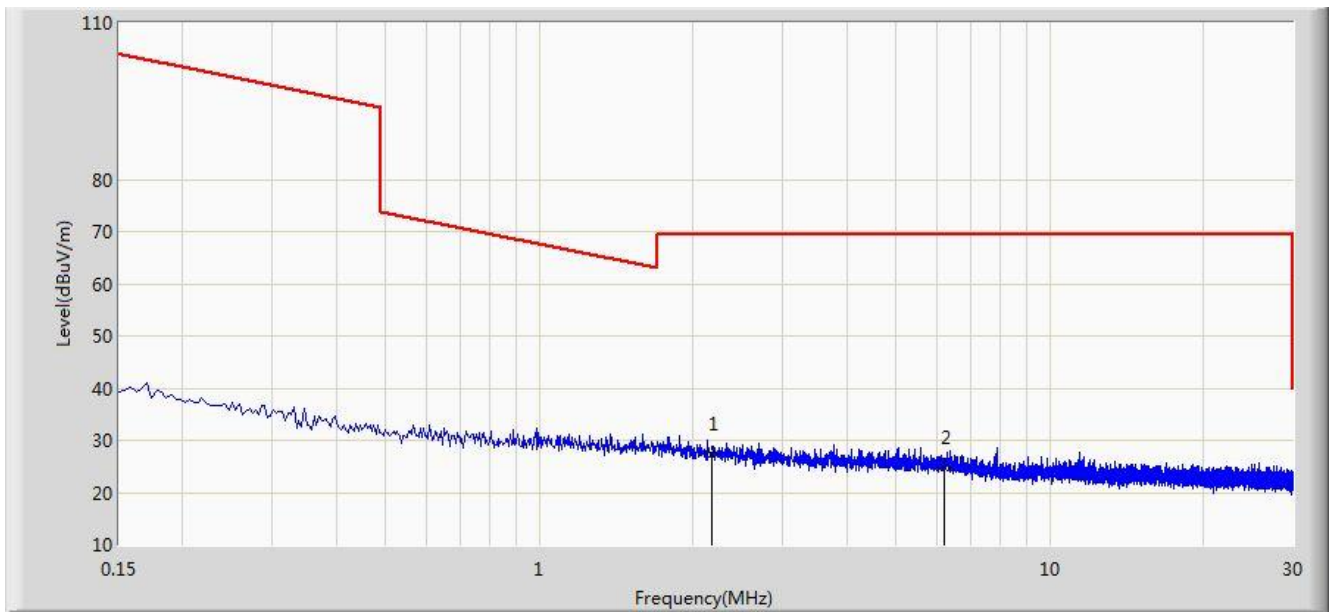


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.049	50.112	29.552	-63.677	113.789	20.560	QP
2		*	0.105	44.043	23.845	-63.130	107.173	20.198	QP

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

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

Site: AC2	Time: 2016/08/22 - 18:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: FMZB1519_0.009-30MHz	Polarity: Face On
EUT: Pulse2	Power: AC 120V/60Hz
<b>Note: There is the ambient noise within frequency range 9kHz~30MHz.</b>	

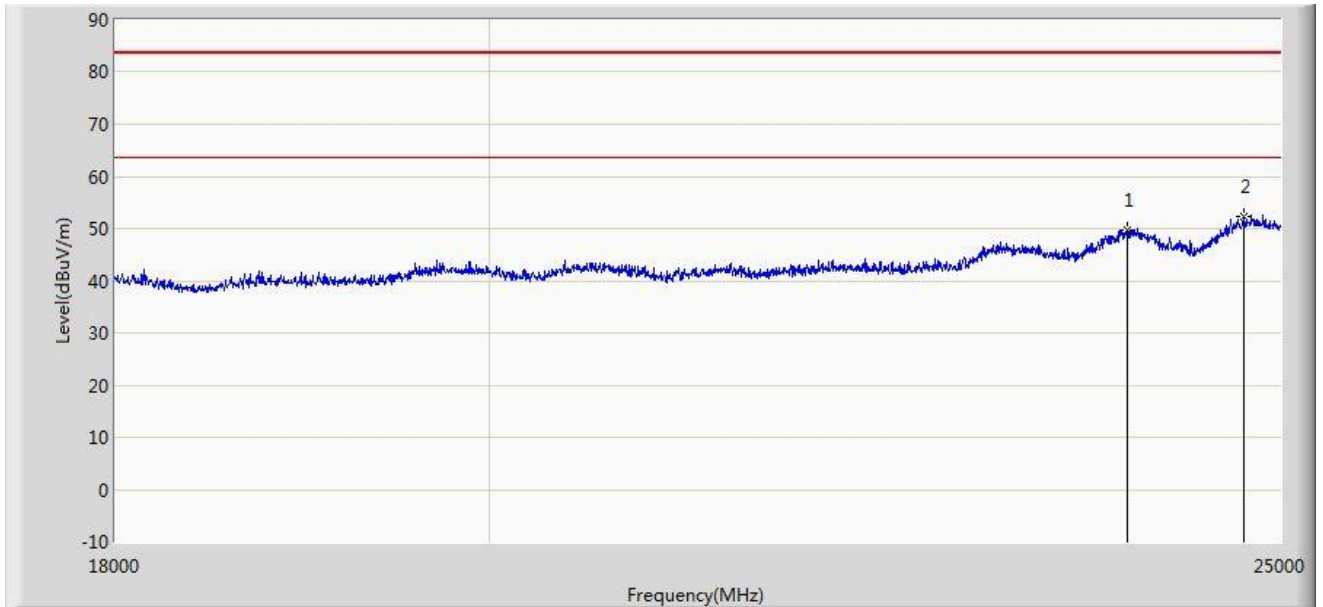


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2.175	27.371	6.960	-42.129	69.500	20.412	QP
2			6.216	24.786	4.701	-44.714	69.500	20.085	QP

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

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

Site: AC2	Time: 2016/08/22 - 20:25
Limit: FCC_Part15.209_RE(1m)	Engineer: Jone Zhang
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: Pulse2	Power: AC 120V/60Hz
<b>Note: There is the ambient noise within frequency range 18GHz~25GHz.</b>	

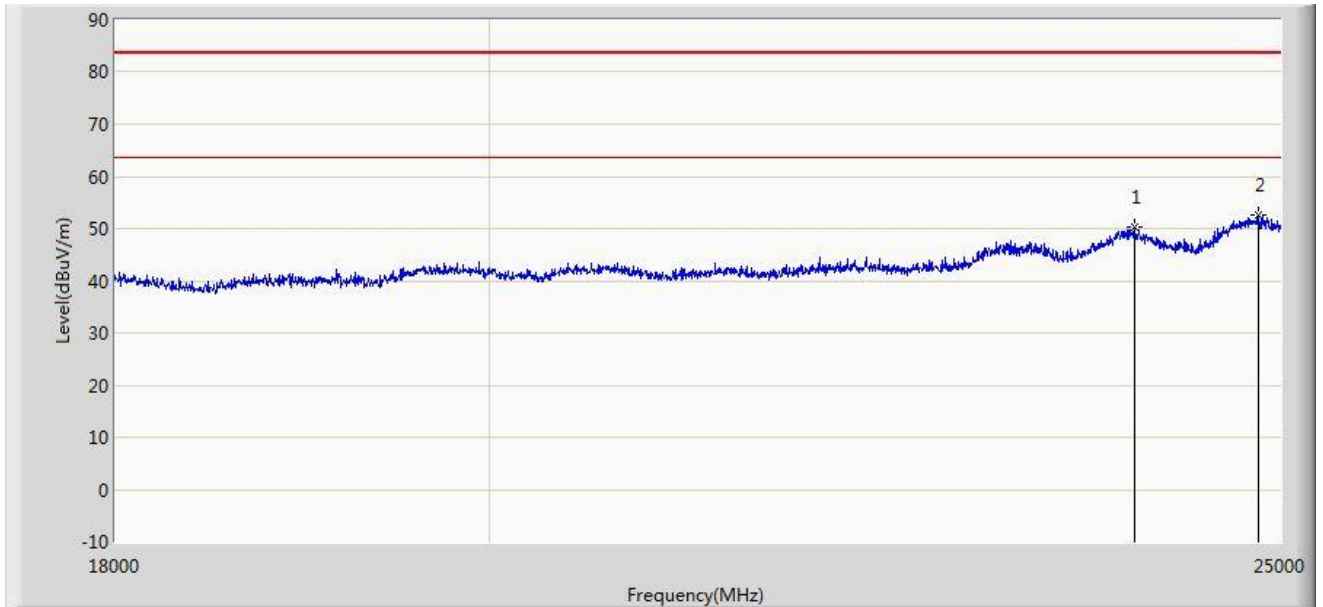


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			23943.000	49.776	35.866	-33.724	83.500	13.910	PK
2		*	24741.000	52.375	37.681	-31.125	83.500	14.694	PK

Note: 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)

Site: AC2	Time: 2016/08/22 - 20:31
Limit: FCC_Part15.209_RE(1m)	Engineer: Jone Zhang
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: Pulse2	Power: AC 120V/60Hz
<b>Note: There is the ambient noise within frequency range 18GHz~25GHz.</b>	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			23999.000	50.379	36.435	-33.121	83.500	13.944	PK
2		*	24846.000	52.503	37.735	-30.997	83.500	14.768	PK

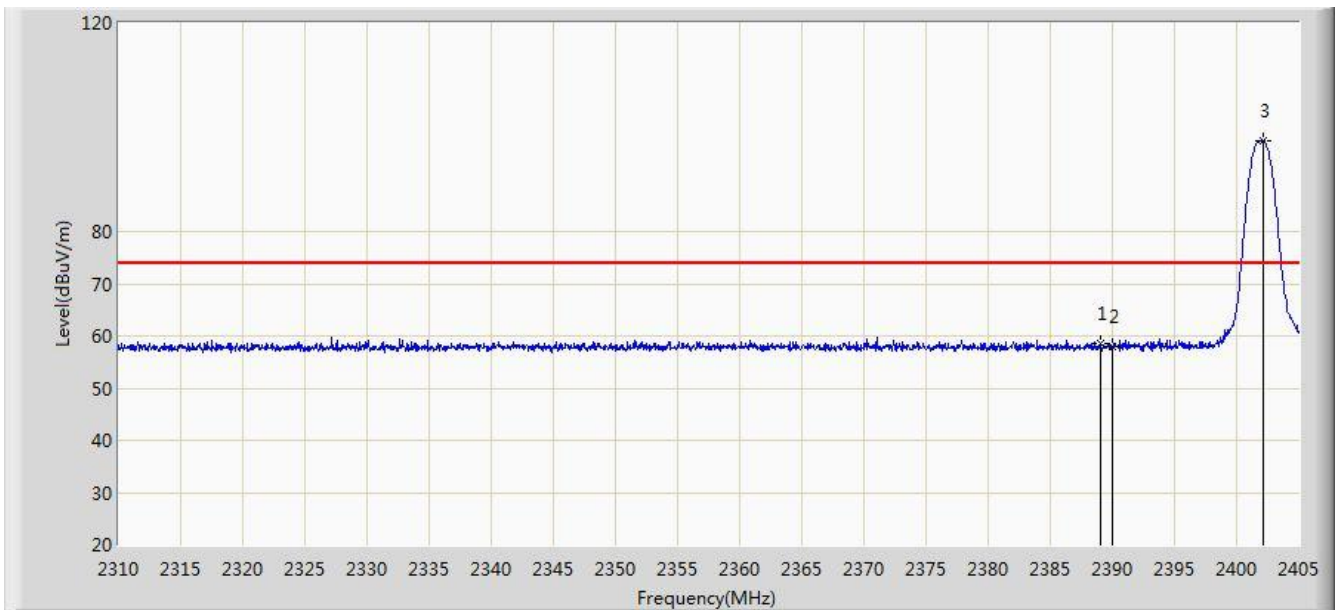
Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

## 7.10. Radiated Restricted Band Edge Measurement

### 7.10.1. Test Result

Site: AC2	Time: 2016/08/16 - 22:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	



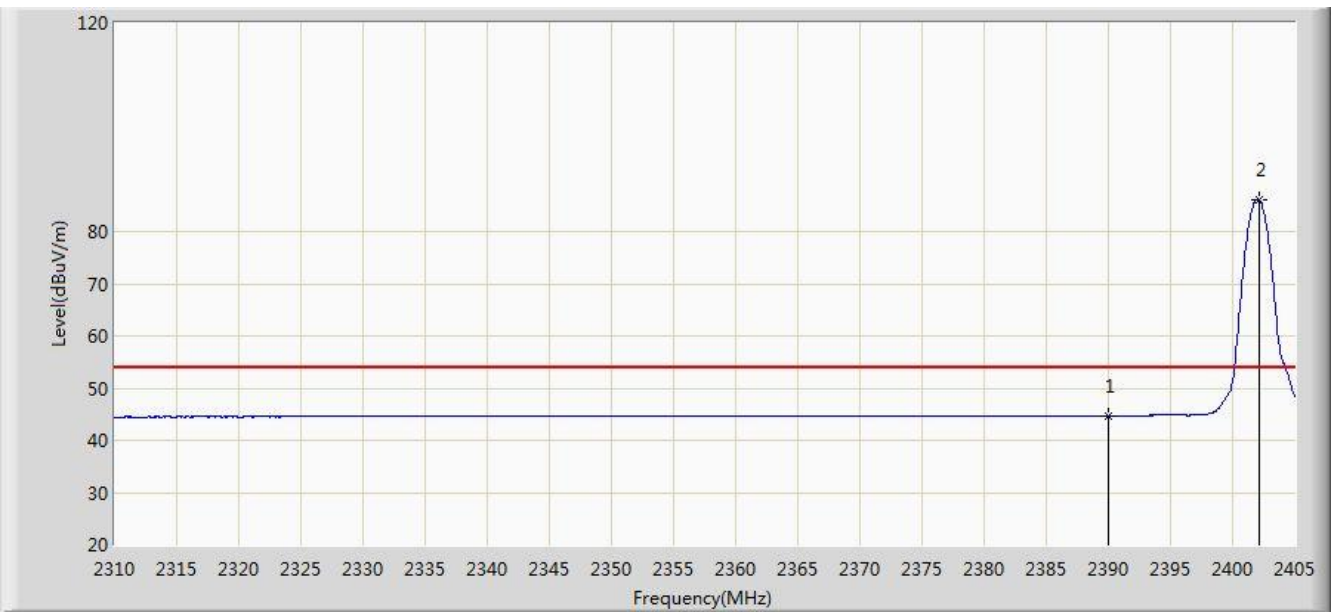
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2341.492	58.999	26.530	-15.001	74.000	32.469	PK
2			2390.000	56.996	24.628	-17.004	74.000	32.368	PK
3		*	2402.008	98.841	66.494	N/A	N/A	32.347	PK

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

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



Site: AC2	Time: 2016/08/16 - 22:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

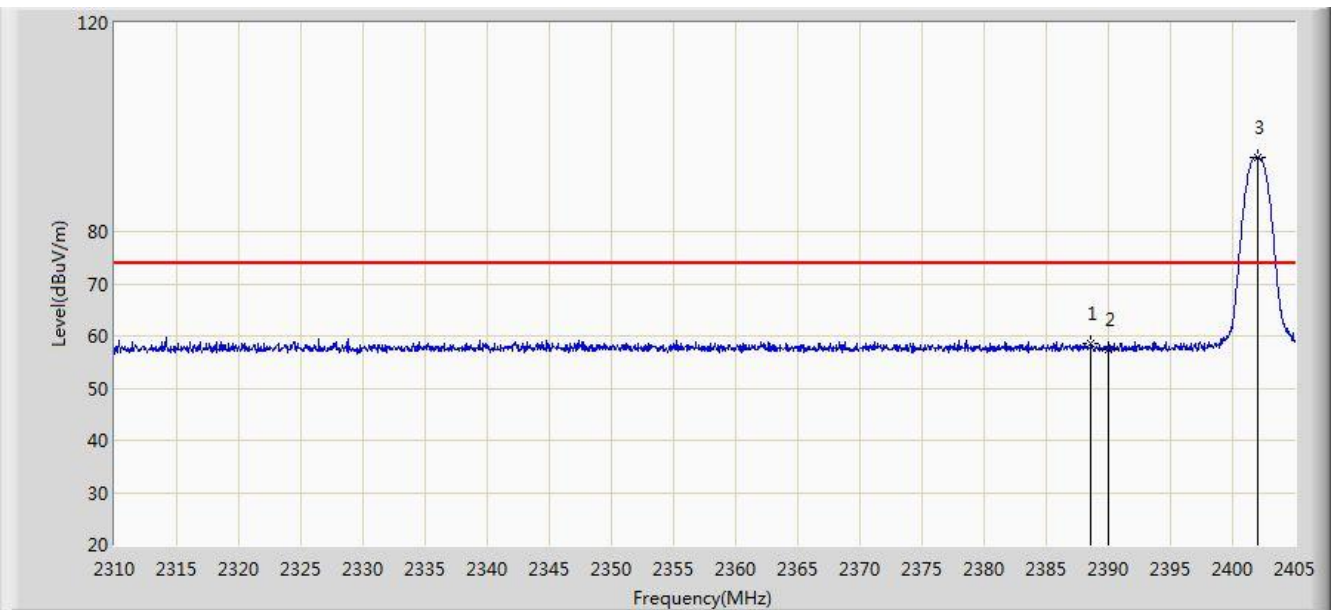


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.725	12.447	-9.275	54.000	32.278	AV
2		*	2402.150	86.080	53.807	N/A	N/A	32.273	AV

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

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

Site: AC2	Time: 2016/08/16 - 22:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

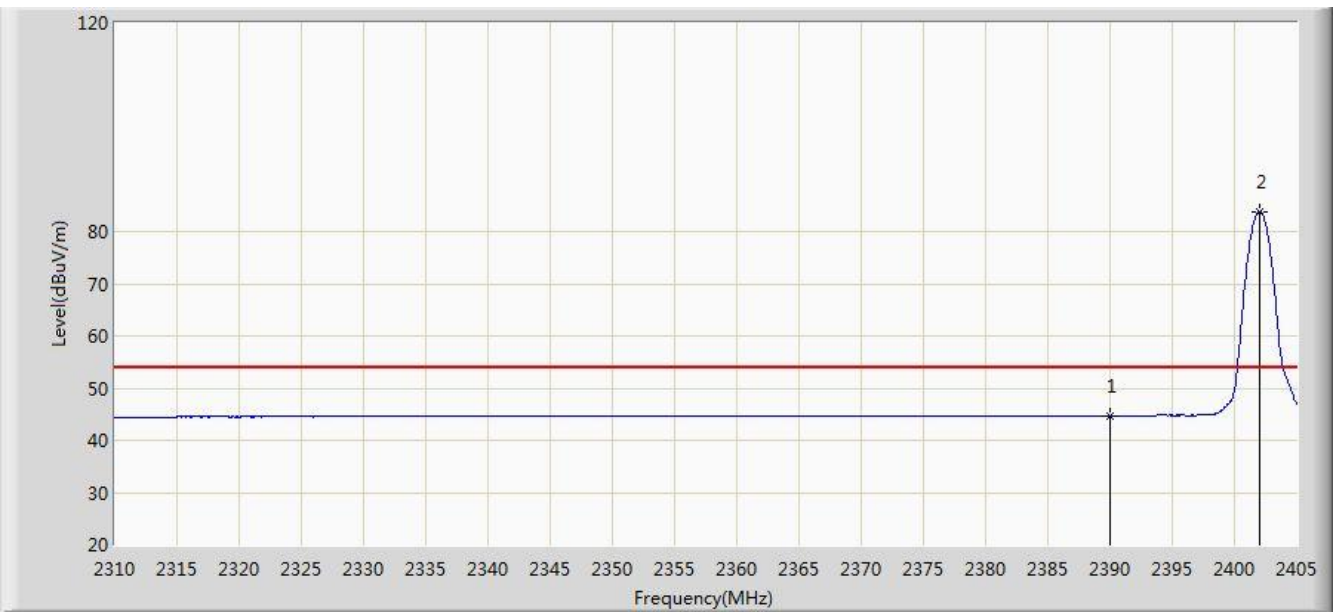


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.613	58.467	26.197	-15.533	74.000	32.270	PK
2			2390.000	57.481	25.203	-16.519	74.000	32.278	PK
3		*	2402.008	94.077	61.803	N/A	N/A	32.274	PK

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

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

Site: AC2	Time: 2016/08/16 - 22:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

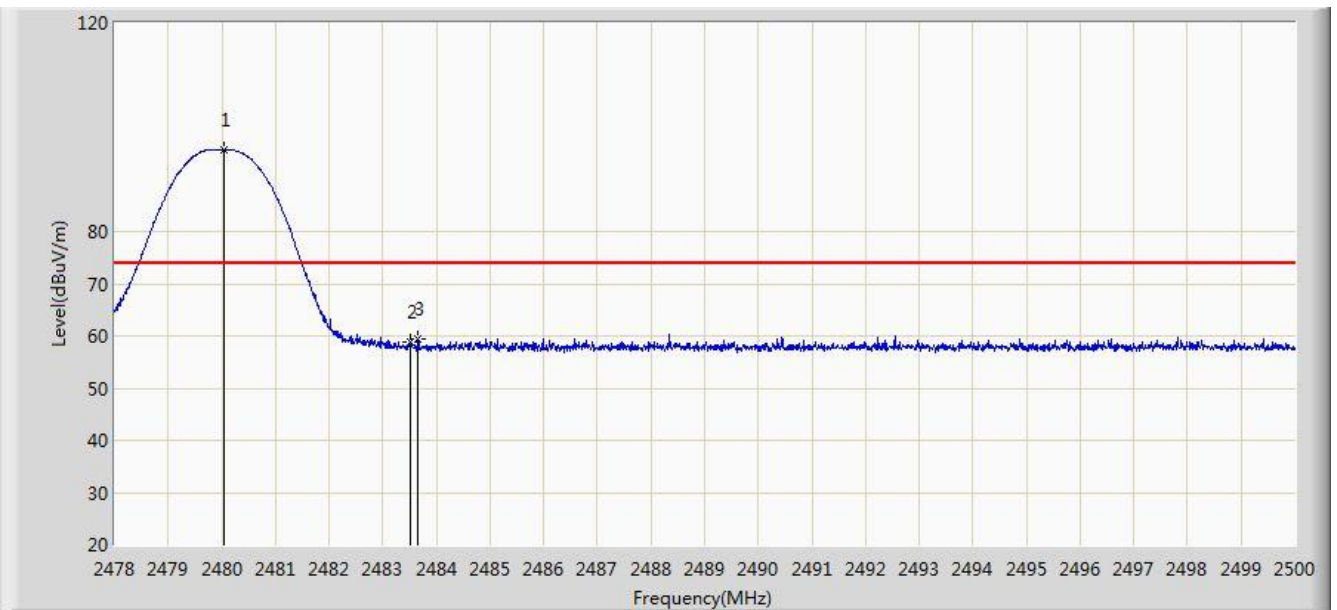


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.658	12.380	-9.342	54.000	32.278	AV
2		*	2402.008	83.885	51.611	N/A	N/A	32.274	AV

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

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

Site: AC2	Time: 2016/08/16 - 22:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

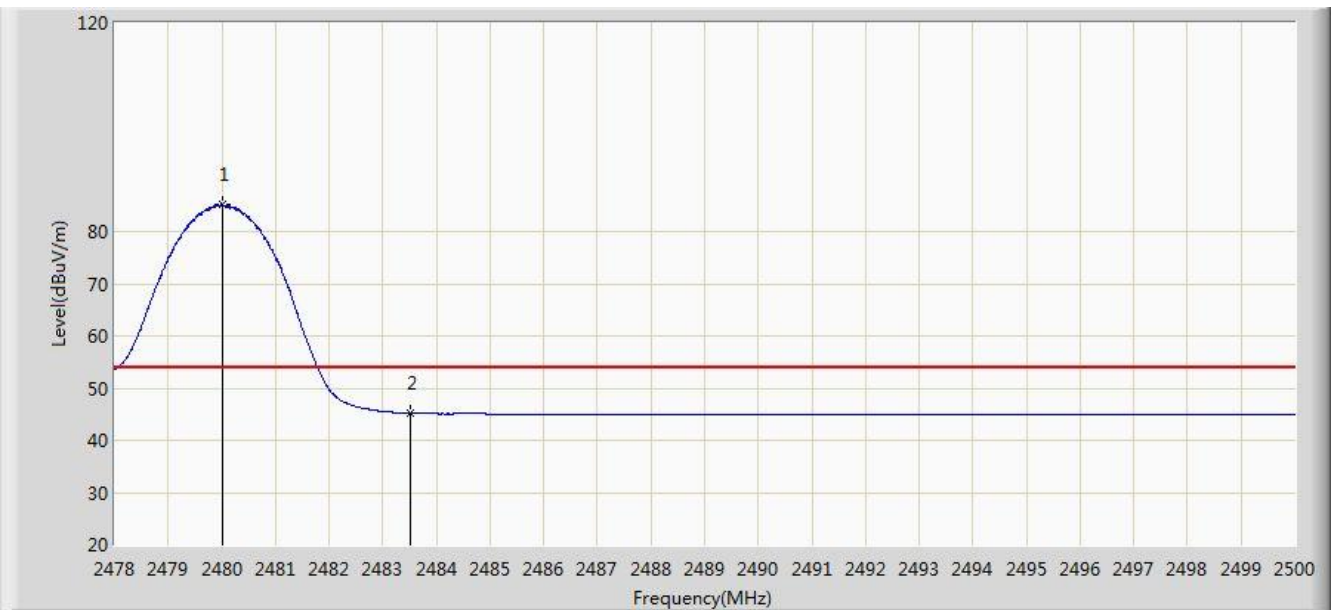


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	95.629	63.360	N/A	N/A	32.269	PK
2			2483.500	58.852	26.571	-15.148	74.000	32.282	PK
3			2483.654	59.309	27.027	-14.691	74.000	32.282	PK

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

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

Site: AC2	Time: 2016/08/16 - 22:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

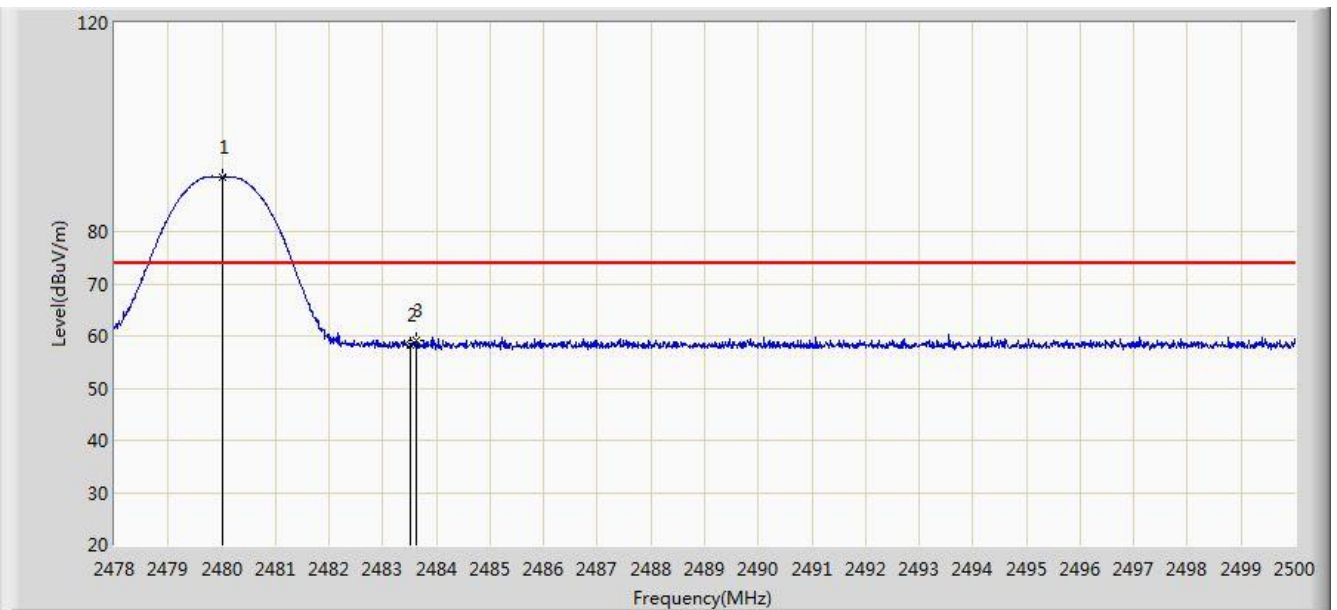


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.013	85.081	52.812	31.081	54.000	32.269	AV
2			2483.500	45.175	12.894	-8.825	54.000	32.282	AV

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

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

Site: AC2	Time: 2016/08/16 - 22:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

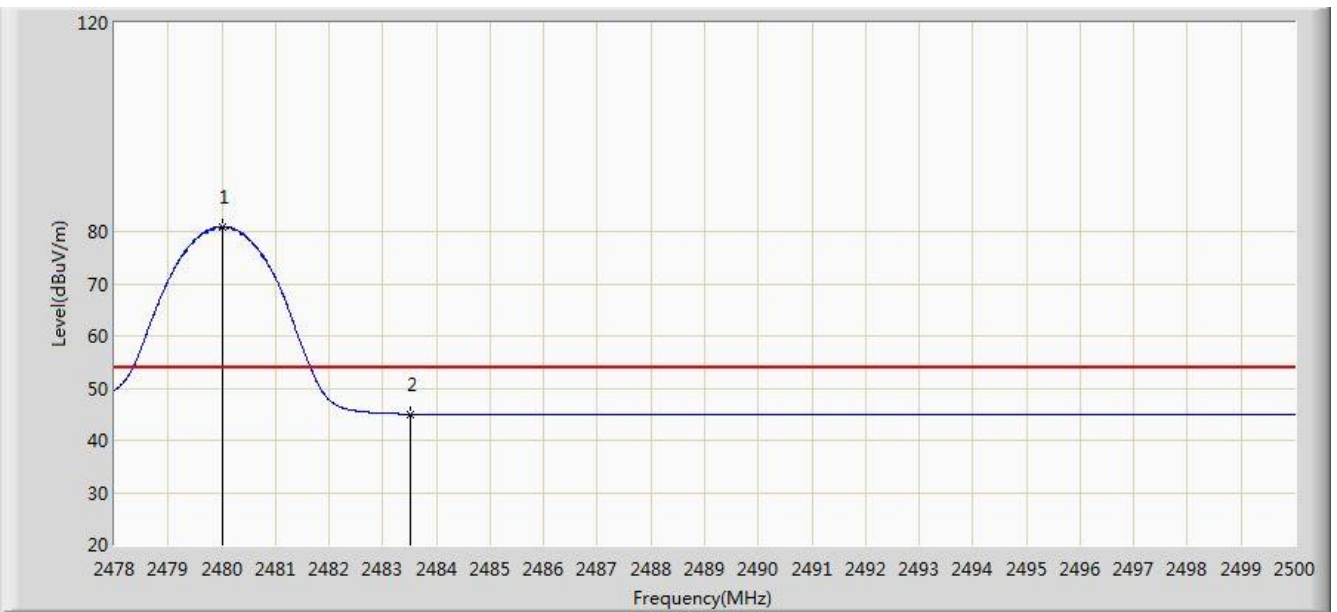


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	90.520	58.251	N/A	N/A	32.269	PK
2			2483.500	58.192	25.911	-15.808	74.000	32.282	PK
3			2483.632	59.202	26.920	-14.798	74.000	32.282	PK

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

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

Site: AC2	Time: 2016/08/16 - 22:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

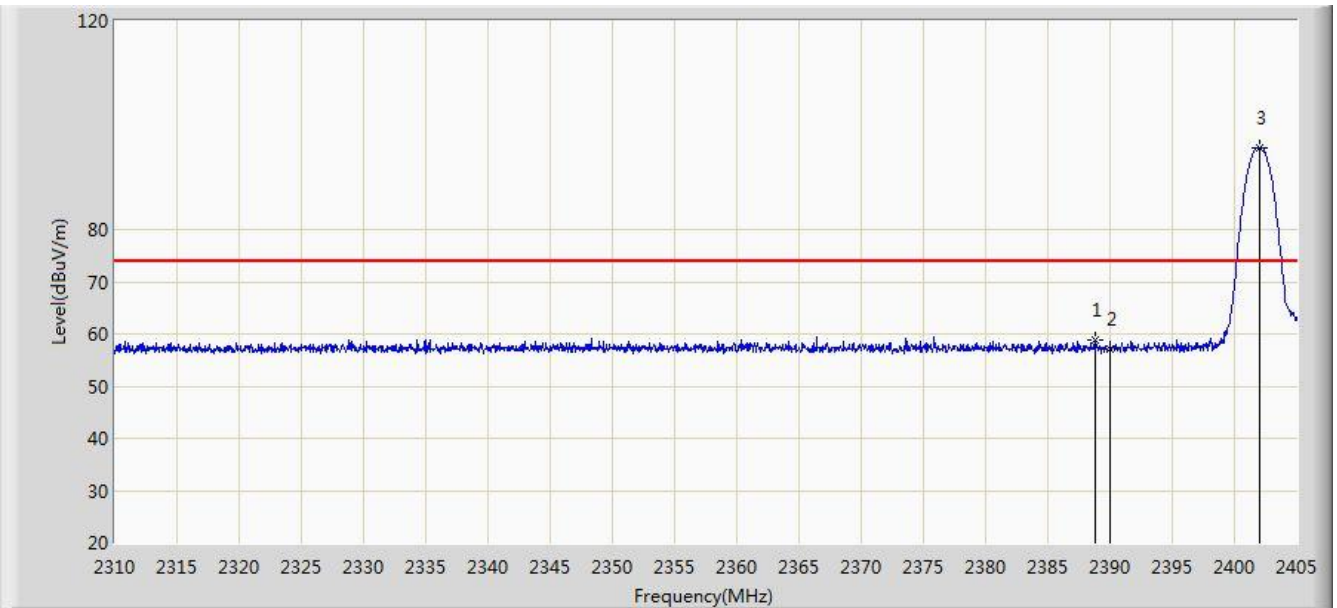


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	80.988	48.719	N/A	N/A	32.269	AV
2			2483.500	45.039	12.758	-8.961	54.000	32.282	AV

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

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

Site: AC2	Time: 2016/08/16 - 22:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	



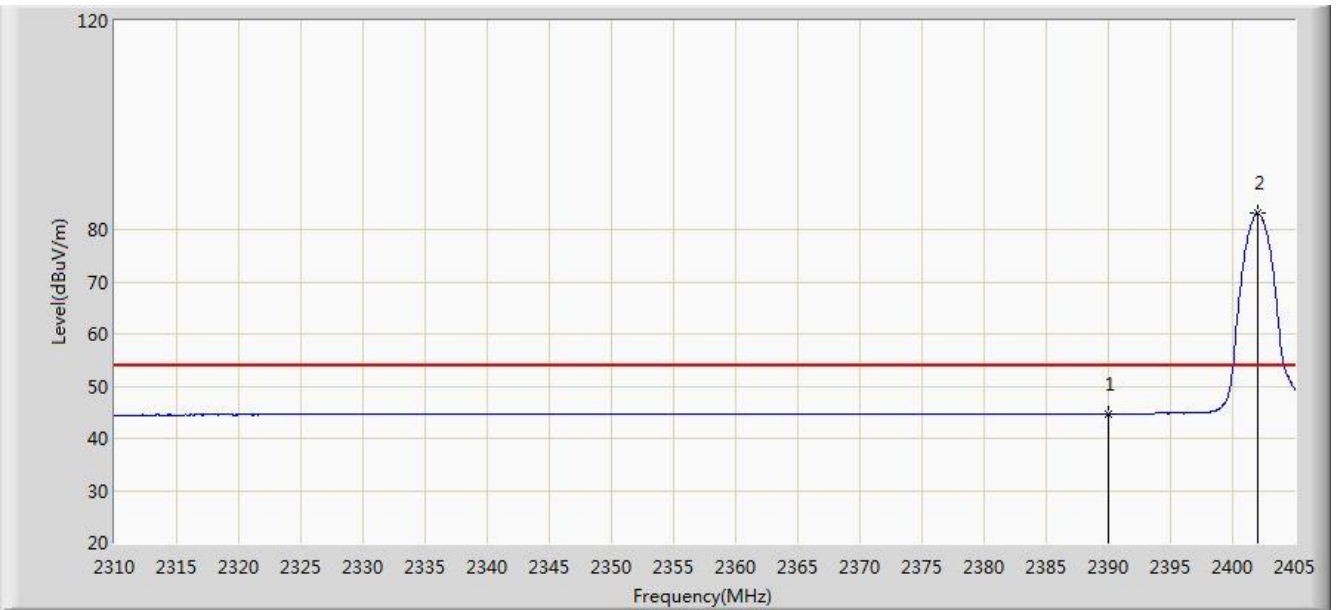
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.755	58.760	26.489	-15.240	74.000	32.271	PK
2			2390.000	57.094	24.816	-16.906	74.000	32.278	PK
3		*	2402.008	95.677	63.403	N/A	N/A	32.274	PK

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

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



Site: AC2	Time: 2016/08/16 - 22:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

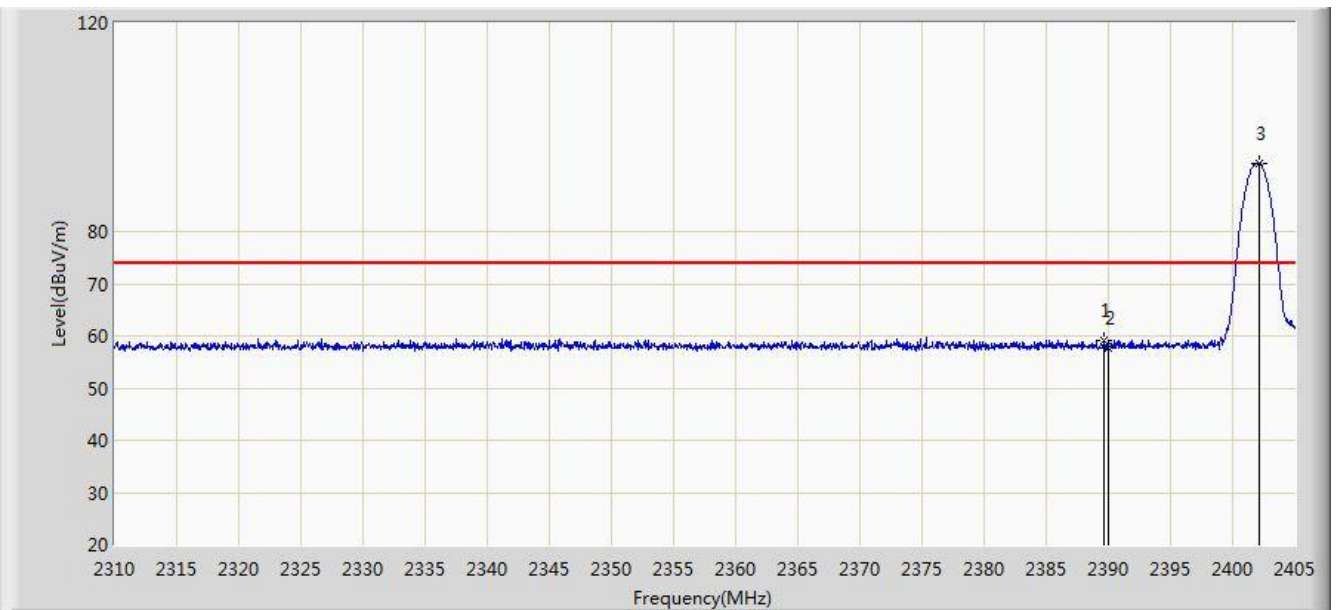


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.662	12.384	-9.338	54.000	32.278	AV
2		*	2402.008	83.092	50.818	N/A	N/A	32.274	AV

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

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

Site: AC2	Time: 2016/08/16 - 22:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

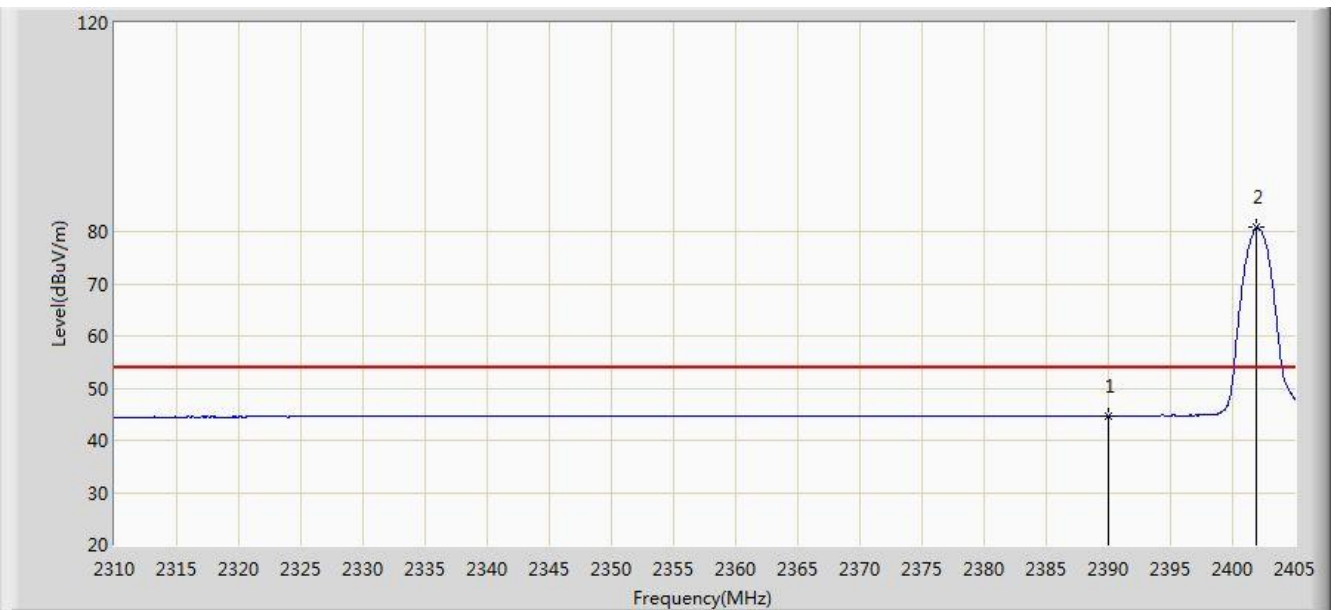


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.657	59.270	26.994	-14.730	74.000	32.276	PK
2			2390.000	57.670	25.392	-16.330	74.000	32.278	PK
3		*	2402.150	93.062	60.789	N/A	N/A	32.273	PK

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

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

Site: AC2	Time: 2016/08/16 - 22:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

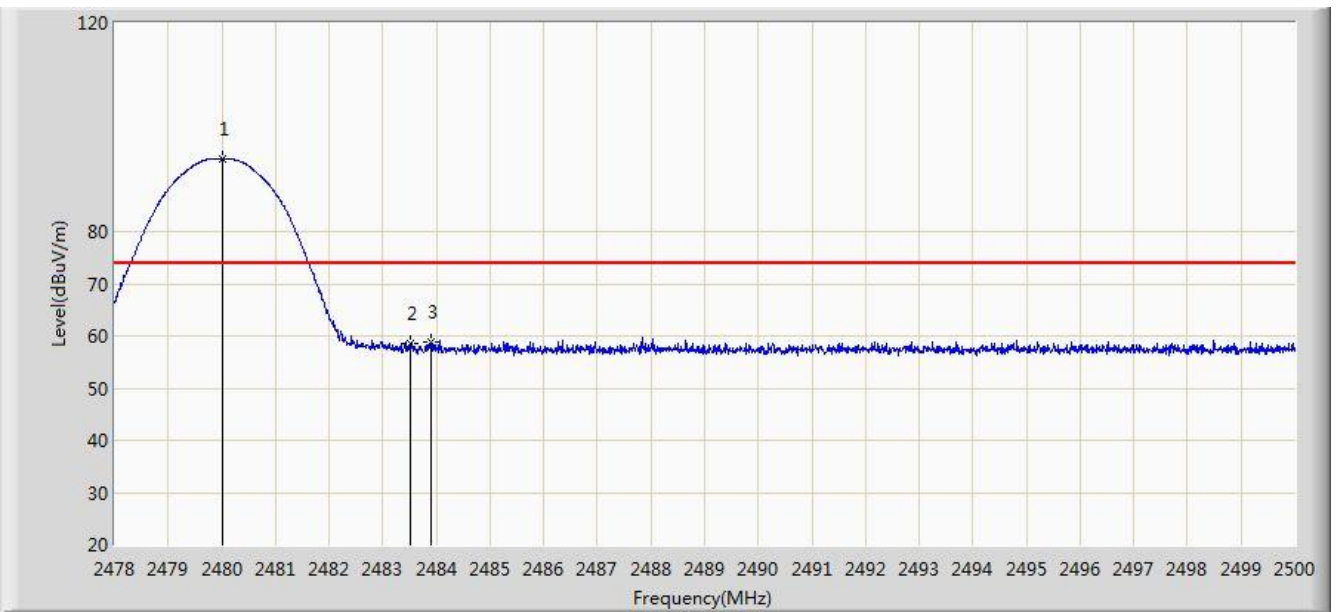


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.626	12.348	-9.374	54.000	32.278	AV
2		*	2401.960	80.740	48.466	N/A	N/A	32.274	AV

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

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

Site: AC2	Time: 2016/08/16 - 22:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

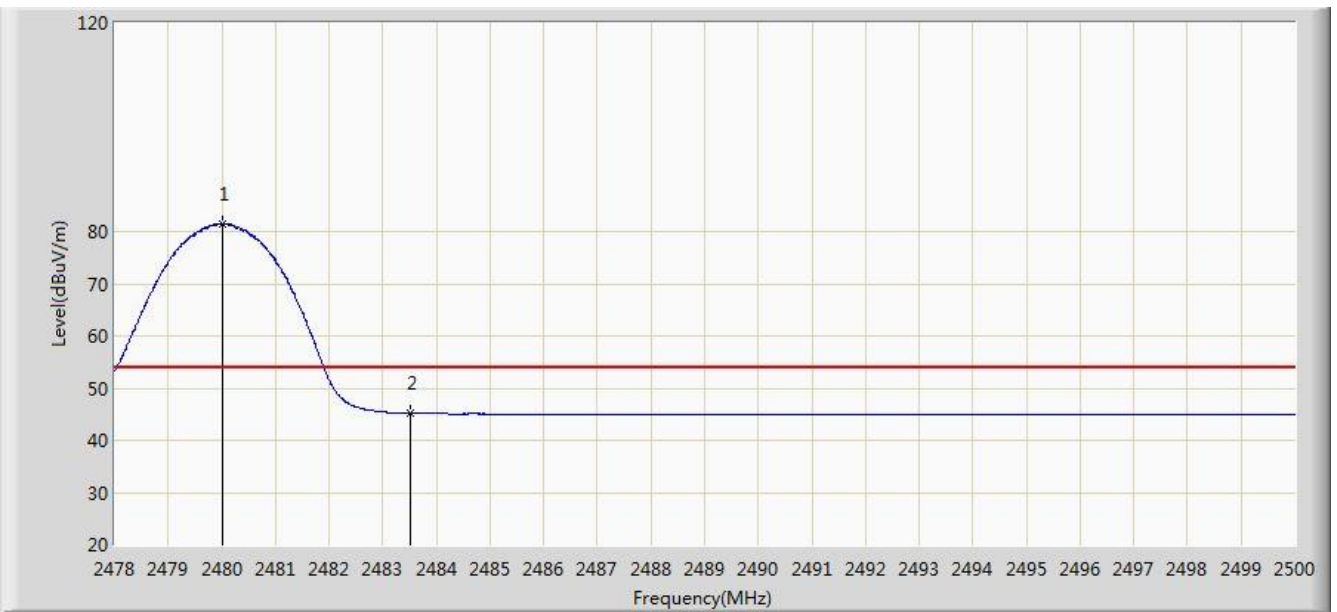


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	93.859	61.590	N/A	N/A	32.269	PK
2			2483.500	58.457	26.176	-15.543	74.000	32.282	PK
3			2483.896	58.801	26.518	-15.199	74.000	32.282	PK

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

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

Site: AC2	Time: 2016/08/16 - 22:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

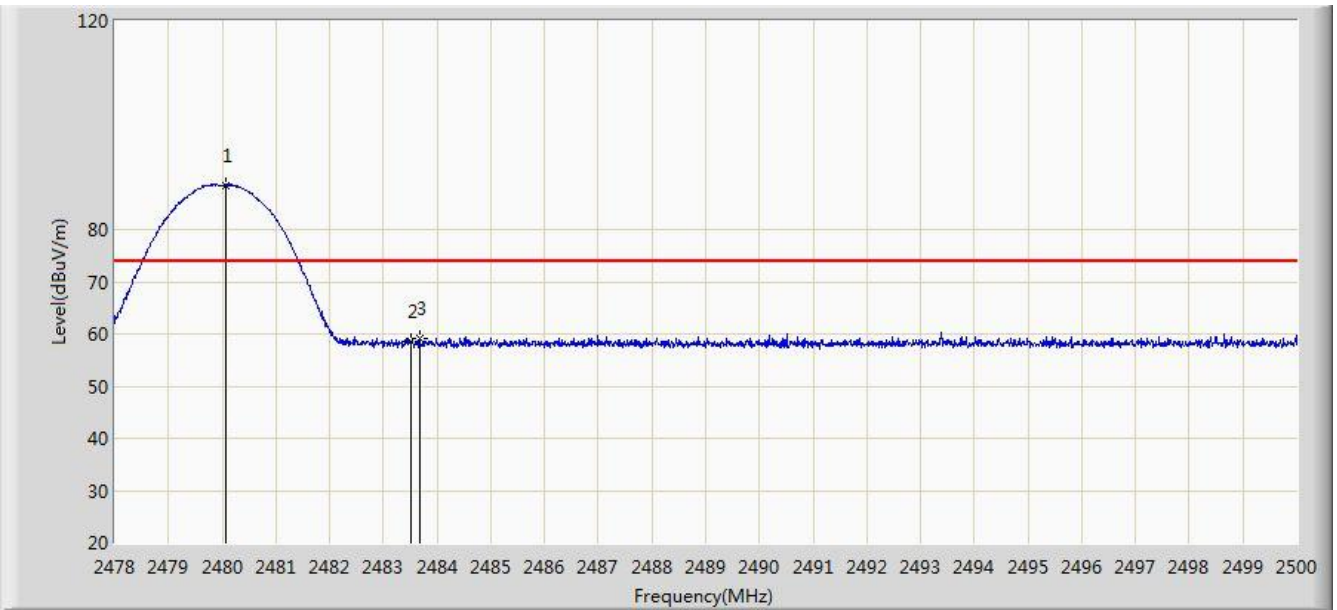


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	81.561	49.292	N/A	N/A	32.269	AV
2			2483.500	45.129	12.848	-8.871	54.000	32.282	AV

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

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

Site: AC2	Time: 2016/08/16 - 22:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

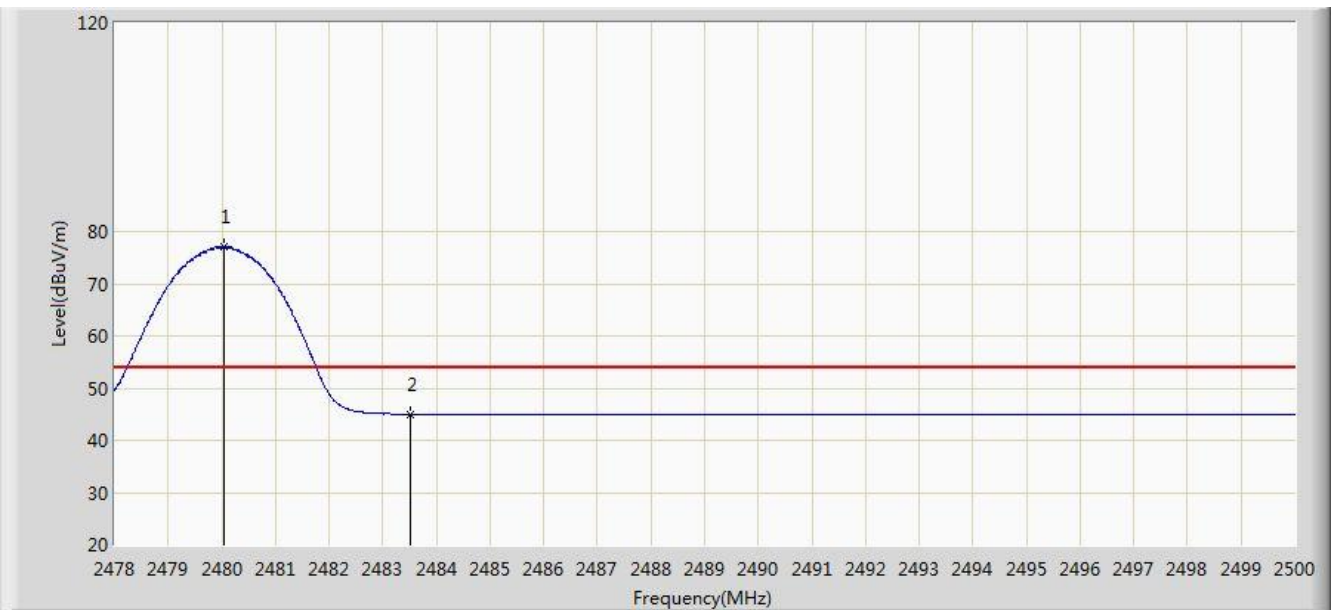


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	88.506	56.237	N/A	N/A	32.269	PK
2			2483.500	58.512	26.231	-15.488	74.000	32.282	PK
3			2483.676	59.140	26.858	-14.860	74.000	32.282	PK

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

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

Site: AC2	Time: 2016/08/16 - 23:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

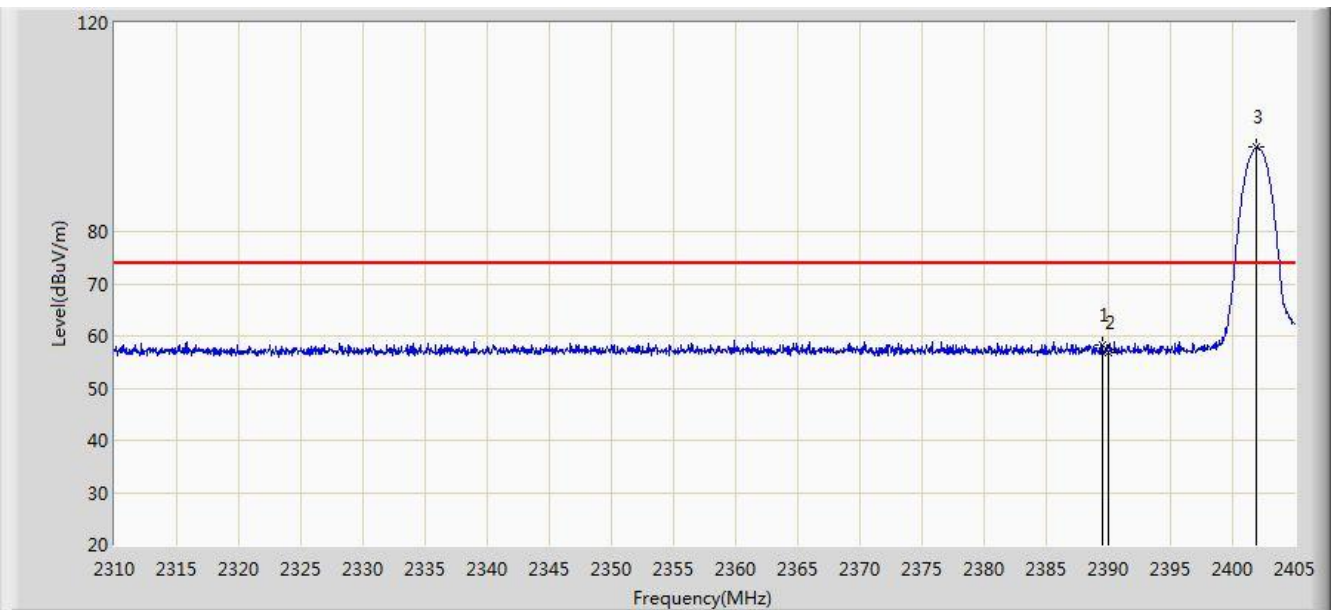


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	77.115	44.846	N/A	N/A	32.269	AV
2			2483.500	45.005	12.724	-8.995	54.000	32.282	AV

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

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

Site: AC2	Time: 2016/08/16 - 23:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	



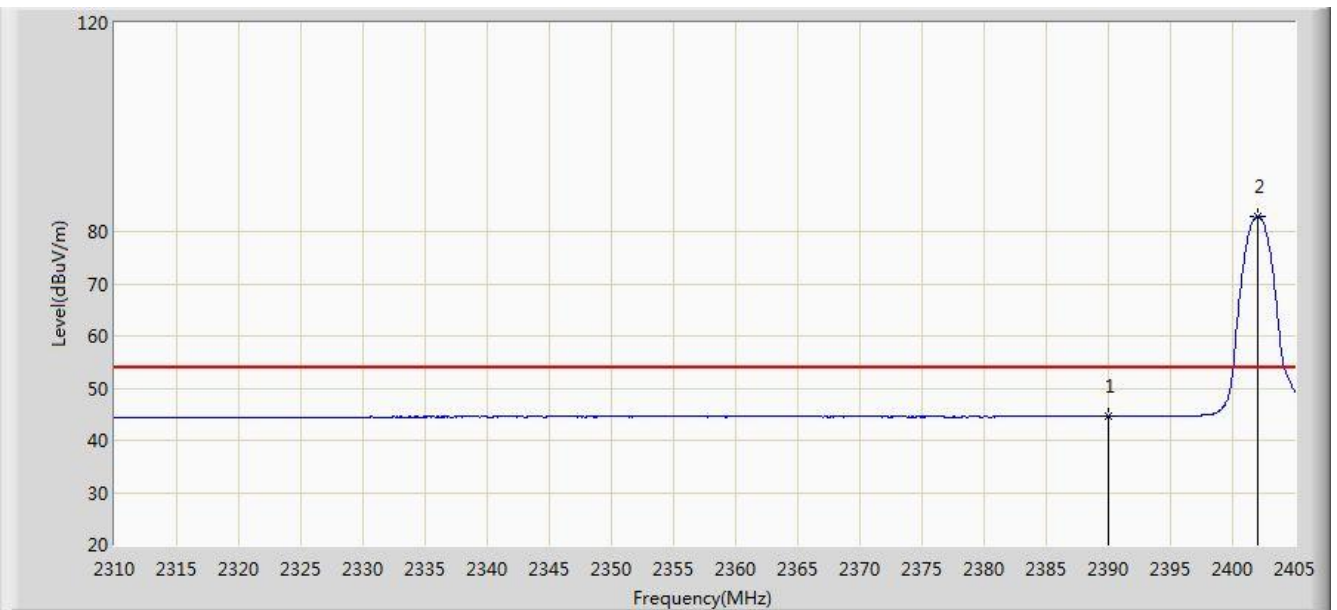
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.468	58.116	25.841	-15.884	74.000	32.275	PK
2			2390.000	56.699	24.421	-17.301	74.000	32.278	PK
3		*	2401.913	96.106	63.832	N/A	N/A	32.274	PK

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

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



Site: AC2	Time: 2016/08/16 - 23:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

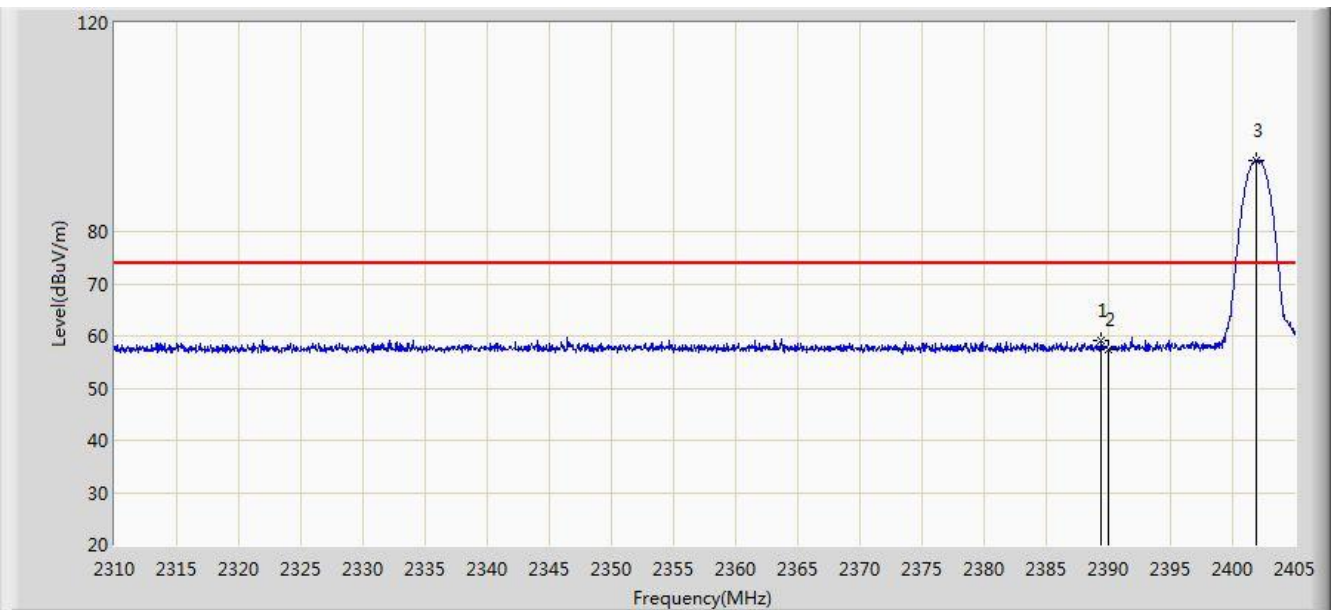


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.564	12.286	-9.436	54.000	32.278	AV
2		*	2402.008	83.014	50.740	N/A	N/A	32.274	AV

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

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

Site: AC2	Time: 2016/08/16 - 23:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

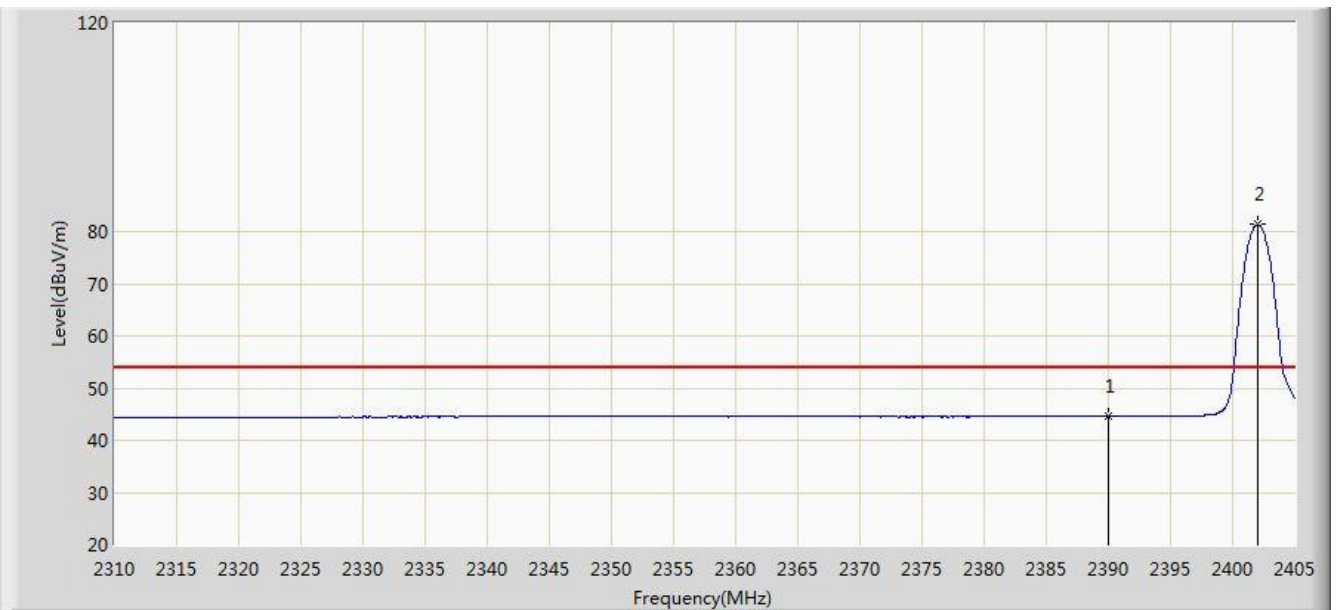


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.420	59.018	26.743	-14.982	74.000	32.275	PK
2			2390.000	57.407	25.129	-16.593	74.000	32.278	PK
3		*	2401.960	93.763	61.489	N/A	N/A	32.274	PK

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

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

Site: AC2	Time: 2016/08/16 - 23:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

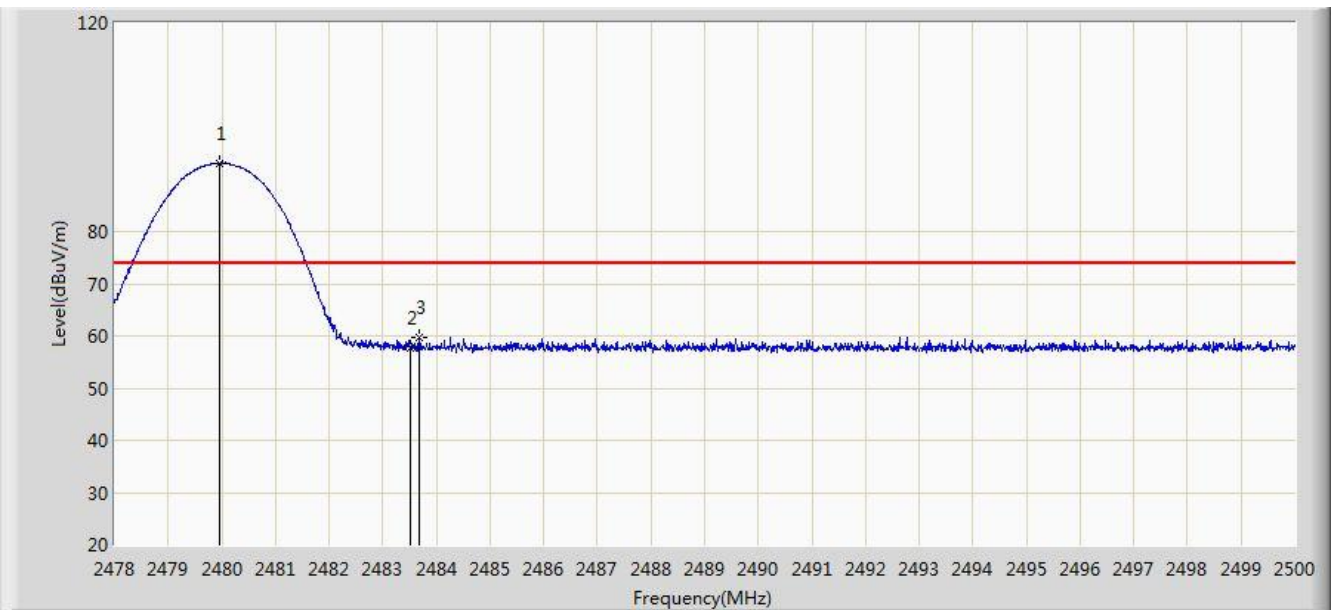


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.573	12.295	-9.427	54.000	32.278	AV
2		*	2402.008	81.317	49.043	N/A	N/A	32.274	AV

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

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

Site: AC2	Time: 2016/08/16 - 23:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

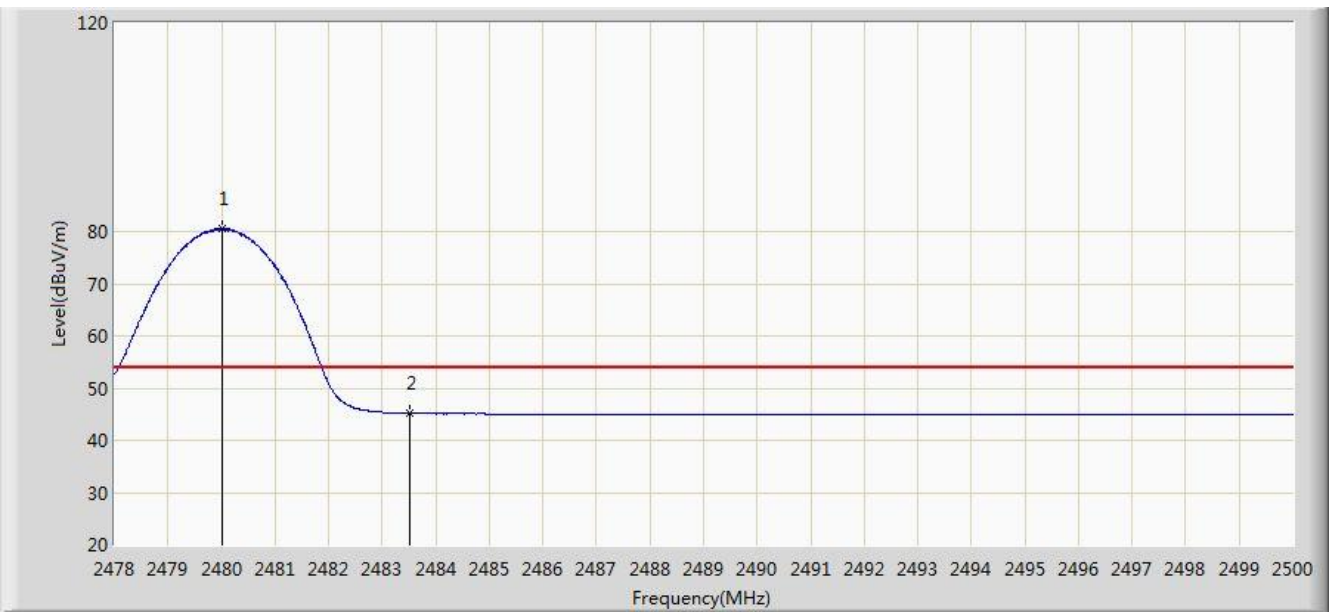


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	93.172	60.903	N/A	N/A	32.269	PK
2			2483.500	57.603	25.322	-16.397	74.000	32.282	PK
3			2483.687	59.572	27.290	-14.428	74.000	32.282	PK

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

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

Site: AC2	Time: 2016/08/16 - 23:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

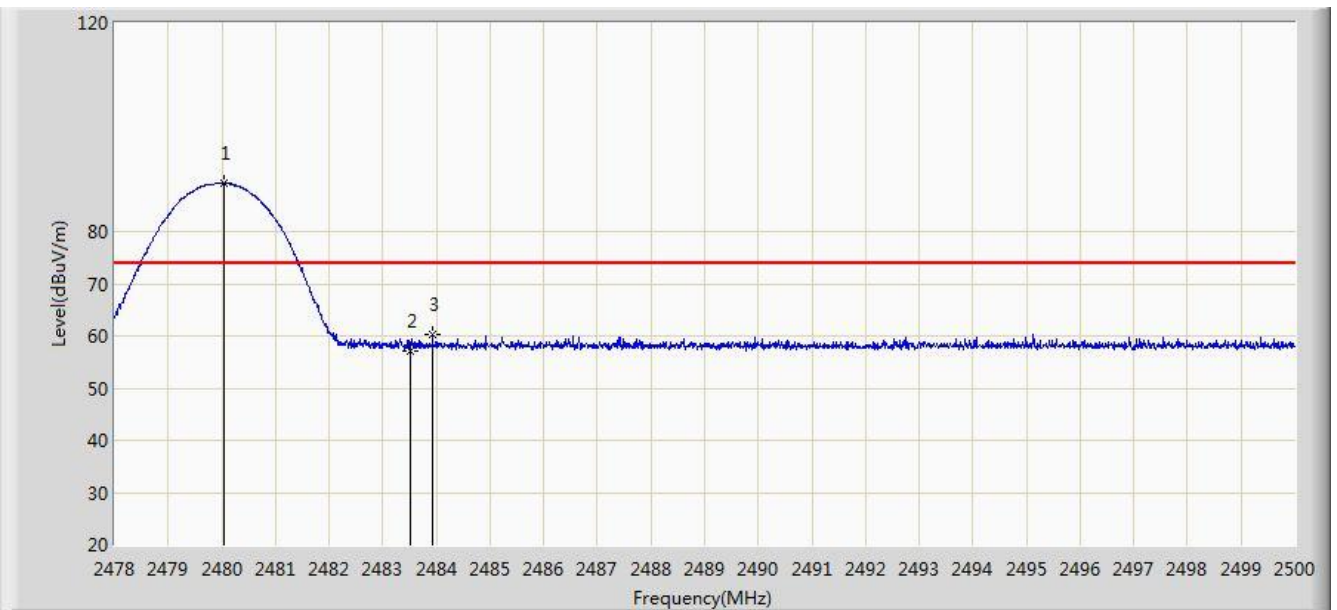


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	80.505	48.236	N/A	N/A	32.269	AV
2			2483.500	45.146	12.865	-8.854	54.000	32.282	AV

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

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

Site: AC2	Time: 2016/08/16 - 23:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

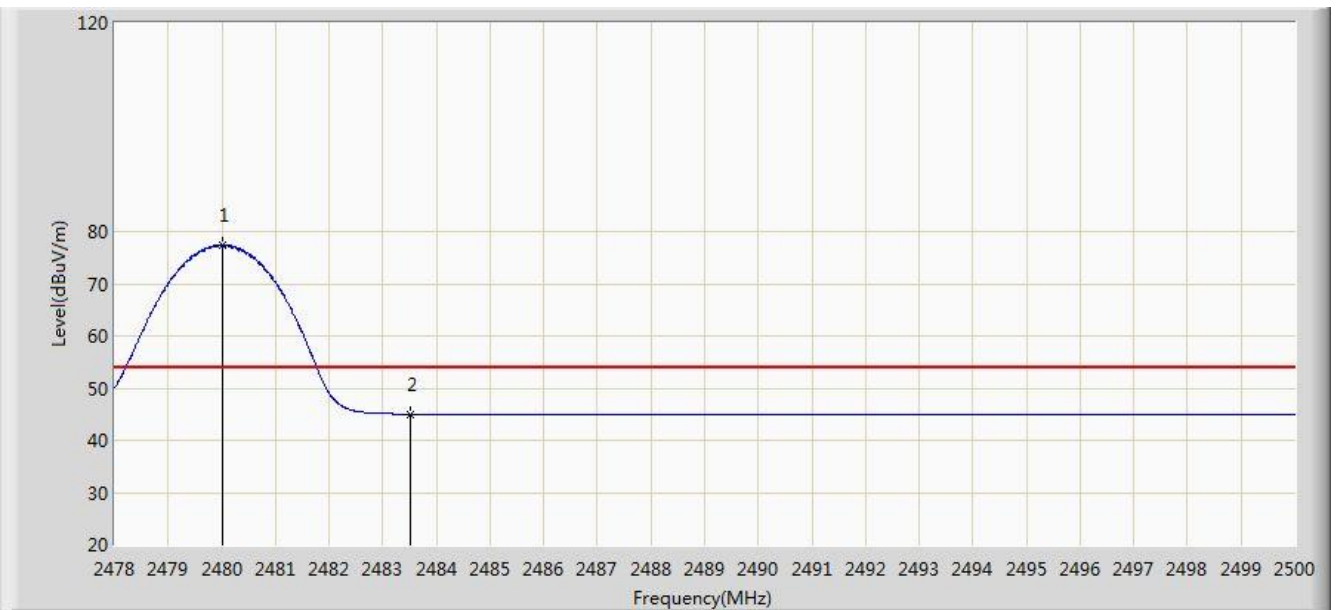


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.035	89.417	57.148	N/A	N/A	32.269	PK
2			2483.500	57.236	24.955	-16.764	74.000	32.282	PK
3			2483.929	60.151	27.868	-13.849	74.000	32.282	PK

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

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

Site: AC2	Time: 2016/08/16 - 23:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 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		*	2480.002	77.459	45.190	N/A	N/A	32.269	AV
2			2483.500	45.016	12.735	-8.984	54.000	32.282	AV

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

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

## 7.11. AC Conducted Emissions Measurement

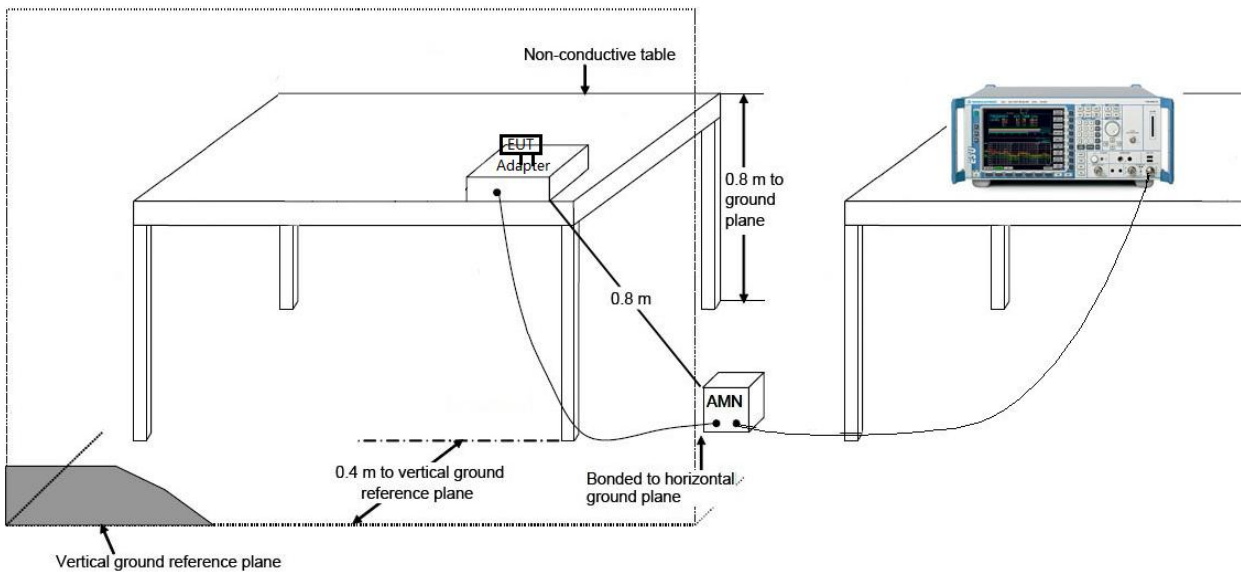
### 7.11.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 / RSS-Gen Limits		
Frequency (MHz)	QP (dB $\mu$ V)	Average (dB $\mu$ V)
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.

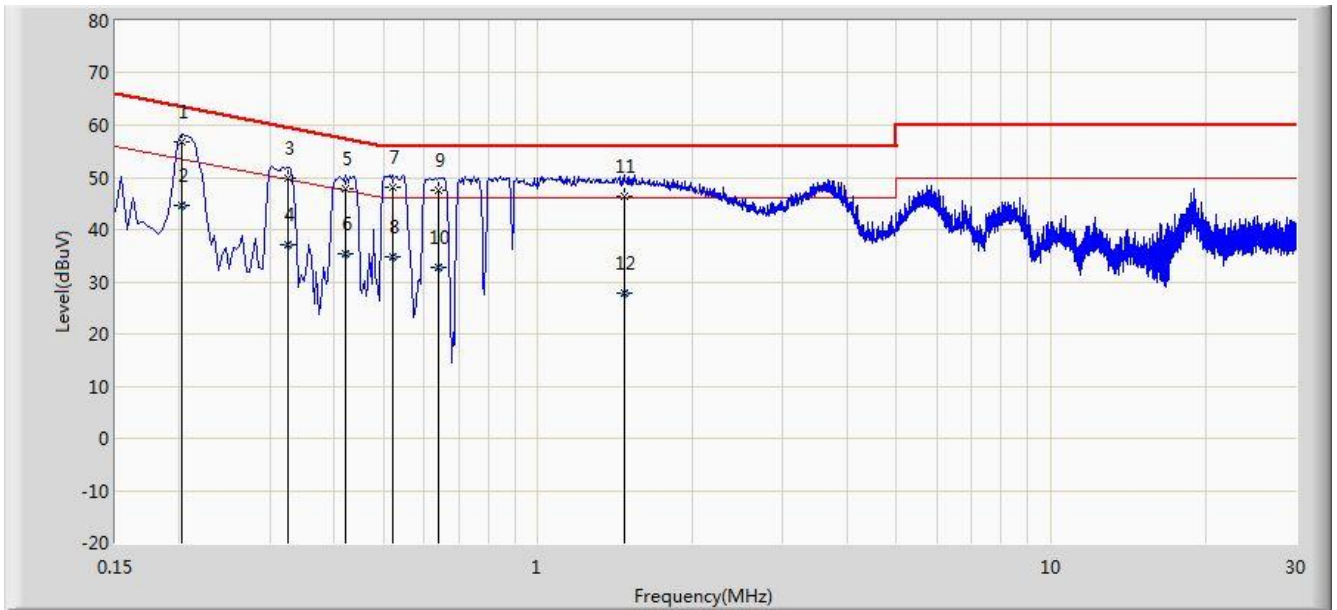
### 7.11.2. Test Setup





### 7.11.3. Test Result

Site: SR2	Time: 2016/08/22 - 13:31
Limit: FCC_Part15.207_CE_AC Power	Engineer: Vince Yu
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Mode1	

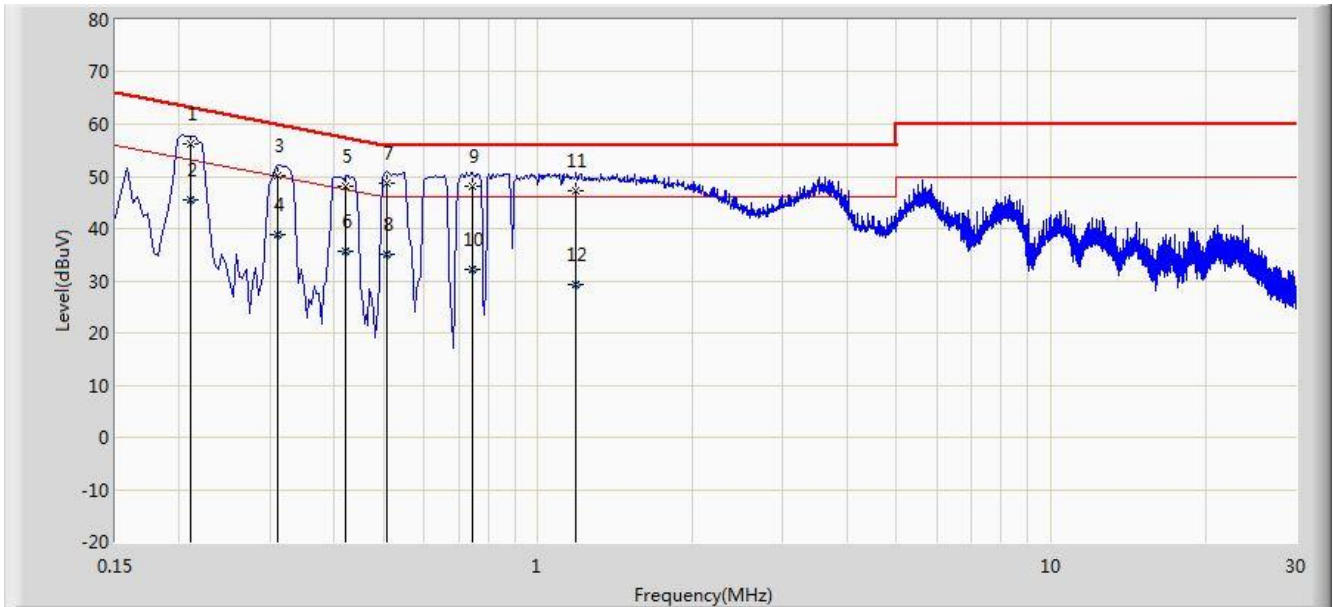


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.202	56.914	46.921	-6.614	63.528	9.993	QP
2			0.202	44.613	34.621	-8.915	53.528	9.993	AV
3			0.326	49.780	39.755	-9.773	59.552	10.025	QP
4			0.326	37.083	27.058	-12.470	49.552	10.025	AV
5			0.422	47.759	37.655	-9.650	57.409	10.104	QP
6			0.422	35.265	25.162	-12.144	47.409	10.104	AV
7			0.522	48.061	37.906	-7.939	56.000	10.155	QP
8			0.522	34.643	24.488	-11.357	46.000	10.155	AV
9			0.638	47.630	37.535	-8.370	56.000	10.095	QP
10			0.638	32.629	22.535	-13.371	46.000	10.095	AV
11			1.470	46.286	36.396	-9.714	56.000	9.890	QP
12			1.470	27.884	17.993	-18.116	46.000	9.890	AV

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

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

Site: SR2	Time: 2016/08/22 - 13:35
Limit: FCC_Part15.207_CE_AC Power	Engineer: Vince Yu
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Pulse2	Power: AC 120V/60Hz
Test Mode: Mode1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.210	56.239	46.244	-6.967	63.205	9.995	QP
2			0.210	45.427	35.433	-7.778	53.205	9.995	AV
3			0.310	50.238	40.193	-9.732	59.970	10.045	QP
4			0.310	38.963	28.918	-11.007	49.970	10.045	AV
5			0.422	48.036	37.907	-9.373	57.409	10.129	QP
6			0.422	35.695	25.566	-11.714	47.409	10.129	AV
7			0.506	48.670	38.493	-7.330	56.000	10.177	QP
8			0.506	35.090	24.914	-10.910	46.000	10.177	AV
9			0.746	48.144	38.095	-7.856	56.000	10.049	QP
10			0.746	32.078	22.028	-13.922	46.000	10.049	AV
11			1.186	47.322	37.420	-8.678	56.000	9.903	QP
12			1.186	29.183	19.280	-16.817	46.000	9.903	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 **Pulse2 FCC ID: 2AGN8-P22N13** is in compliance with Part 15C of the FCC Rules.

————— The End —————