

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

Table 1 - RBW as a function of frequency

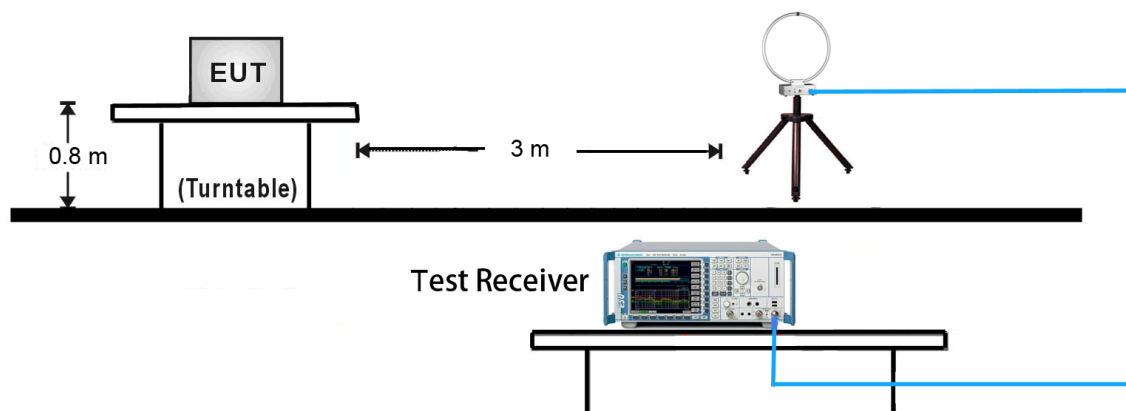
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

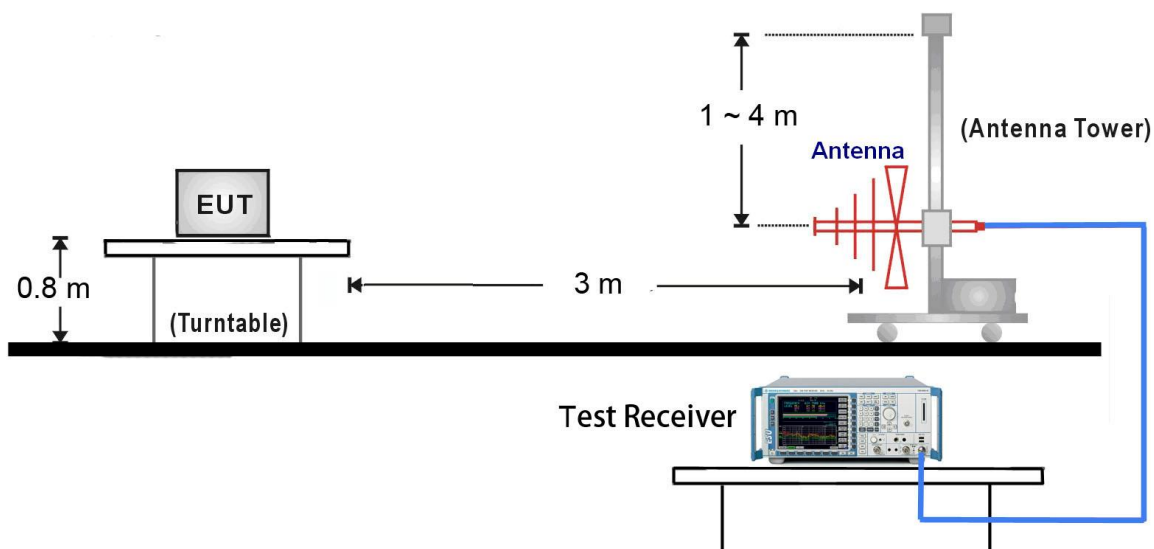
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW $\geq 1/T$
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain).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

7.6.4. Test Setup

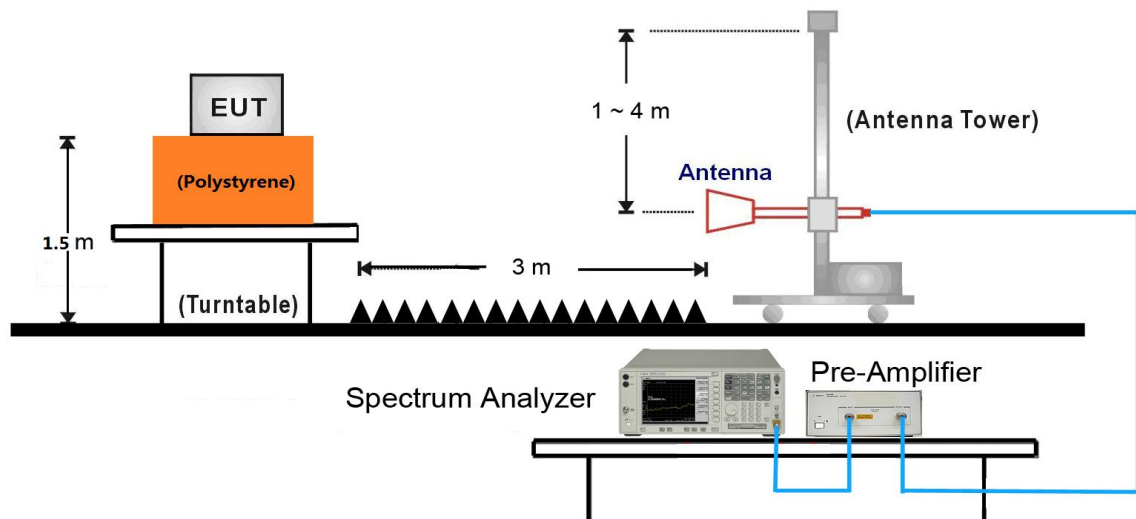
9kHz ~ 30MHz Test Setup:



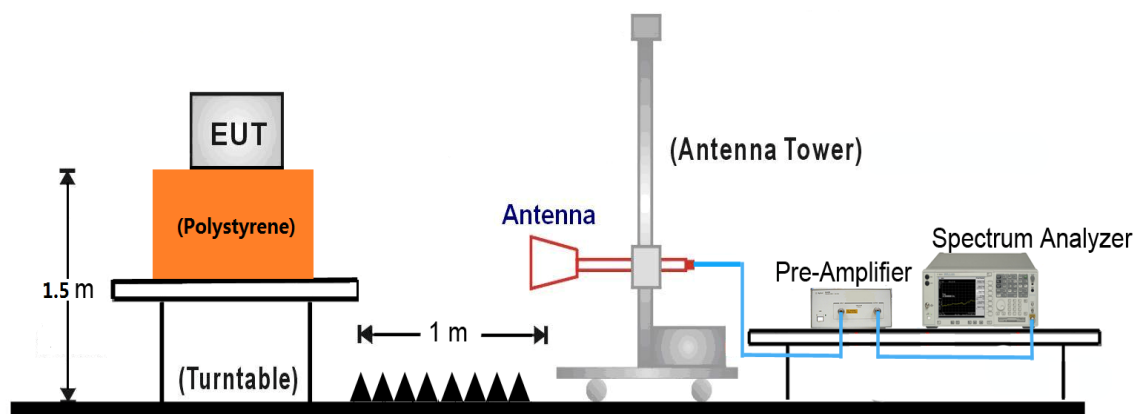
30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



18GHz ~ 25GHz Test Setup:



7.6.5. Test Result

Test Mode:	802.11b	Test Site:	AC1
Test Channel:	01	Test Engineer:	Roy Cheng
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
	4825.0	40.5	2.7	43.2	74.0	-30.8	Peak	Horizontal
	5454.0	35.2	3.4	38.6	74.0	-35.4	Peak	Horizontal
*	7230.5	39.6	7.8	47.4	77.9	-30.5	Peak	Horizontal
*	8701.0	36.5	9.0	45.5	77.9	-32.4	Peak	Horizontal
	4825.0	41.4	2.7	44.1	74.0	-29.9	Peak	Vertical
	4978.0	43.2	3.0	46.2	74.0	-27.8	Peak	Vertical
*	7239.0	41.4	7.8	49.2	77.9	-28.7	Peak	Vertical
*	8896.5	35.4	9.2	44.6	77.9	-33.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (97.9dBμV/m) or FCC 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:	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. 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
	4876.0	40.2	2.7	42.9	74.0	-31.1	Peak	Horizontal
	7315.5	39.9	8.0	47.9	74.0	-26.1	Peak	Horizontal
*	8565.0	36.2	8.7	44.9	77.8	-32.9	Peak	Horizontal
*	9916.5	35.2	11.5	46.7	77.8	-31.1	Peak	Horizontal
	4876.0	42.2	2.7	44.9	74.0	-29.1	Peak	Vertical
	7307.0	44.2	8.0	52.2	74.0	-21.8	Peak	Vertical
*	7995.5	36.8	8.7	45.5	77.8	-32.3	Peak	Vertical
*	10027.0	35.1	11.5	46.6	77.8	-31.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (97.8dBμV/m) or FCC 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:	802.11b	Test Site:	AC1
Test Channel:	11	Test Engineer:	Roy Cheng
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
	4927.0	40.3	2.8	43.1	74.0	-30.9	Peak	Horizontal
	7383.5	40.4	7.9	48.3	74.0	-25.7	Peak	Horizontal
*	8777.5	35.3	8.9	44.2	76.6	-32.4	Peak	Horizontal
*	10154.5	35.7	11.6	47.3	76.6	-29.3	Peak	Horizontal
	4927.0	43.9	2.8	46.7	74.0	-27.3	Peak	Vertical
	7383.5	42.7	7.9	50.6	74.0	-23.4	Peak	Vertical
*	8930.5	35.5	9.0	44.5	76.6	-32.1	Peak	Vertical
*	10299.0	35.2	12.0	47.2	76.6	-29.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (96.6dBμV/m) or FCC 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:	802.11g	Test Site:	AC1
Test Channel:	01	Test Engineer:	Roy Cheng
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
	4799.5	38.7	2.7	41.4	74.0	-32.6	Peak	Horizontal
	4986.5	38.6	3.0	41.6	74.0	-32.4	Peak	Horizontal
*	7230.5	36.9	7.8	44.7	78.8	-34.1	Peak	Horizontal
*	8709.5	35.9	9.0	44.9	78.8	-33.9	Peak	Horizontal
	4799.5	39.7	2.7	42.4	74.0	-31.6	Peak	Vertical
	4986.5	43.2	3.0	46.2	74.0	-27.8	Peak	Vertical
*	7230.5	40.2	7.8	48.0	78.8	-30.8	Peak	Vertical
*	8633.0	36.5	8.8	45.3	78.8	-33.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (98.8dBμV/m) or FCC 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:	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. 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
	4782.5	37.0	2.7	39.7	74.0	-34.3	Peak	Horizontal
	7315.5	38.1	8.0	46.1	74.0	-27.9	Peak	Horizontal
*	8701.0	35.2	9.0	44.2	78.5	-34.3	Peak	Horizontal
*	9857.0	35.3	11.6	46.9	78.5	-31.6	Peak	Horizontal
	4791.0	38.5	2.7	41.2	74.0	-32.8	Peak	Vertical
	7307.0	42.2	8.0	50.2	74.0	-23.8	Peak	Vertical
*	7936.0	36.0	8.5	44.5	78.5	-34.0	Peak	Vertical
*	9797.5	35.6	11.5	47.1	78.5	-31.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (98.5dBμV/m) or FCC 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:	802.11g	Test Site:	AC1
Test Channel:	11	Test Engineer:	Roy Cheng
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
	4791.0	37.5	2.7	40.2	74.0	-33.8	Peak	Horizontal
	7383.5	38.7	7.9	46.6	74.0	-27.4	Peak	Horizontal
*	8616.0	35.9	8.8	44.7	76.1	-31.4	Peak	Horizontal
*	9695.5	35.9	10.9	46.8	76.1	-29.3	Peak	Horizontal
	4782.5	39.4	2.7	42.1	74.0	-31.9	Peak	Vertical
	7383.5	39.8	7.9	47.7	74.0	-26.3	Peak	Vertical
*	8896.5	35.9	9.2	45.1	76.1	-31.0	Peak	Vertical
*	10239.5	35.0	11.9	46.9	76.1	-29.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (96.1dBμV/m) or FCC 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:	802.11n-HT20	Test Site:	AC1
Test Channel:	01	Test Engineer:	Roy Cheng
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
	4782.5	38.8	2.7	41.5	74.0	-32.5	Peak	Horizontal
	4978.0	38.7	3.0	41.7	74.0	-32.3	Peak	Horizontal
*	7247.5	36.7	7.9	44.6	78.9	-34.3	Peak	Horizontal
*	8752.0	35.7	9.0	44.7	78.9	-34.2	Peak	Horizontal
	4799.5	39.0	2.7	41.7	74.0	-32.3	Peak	Vertical
	4995.0	42.7	3.0	45.7	74.0	-28.3	Peak	Vertical
*	7239.0	39.3	7.8	47.1	78.9	-31.8	Peak	Vertical
*	8803.0	35.8	8.9	44.7	78.9	-34.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (98.9dBμV/m) or FCC 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:	802.11n-HT20	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. 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
	4782.5	38.2	2.7	40.9	74.0	-33.1	Peak	Horizontal
	7307.0	37.5	8.0	45.5	74.0	-28.5	Peak	Horizontal
*	8633.0	35.8	8.8	44.6	78.5	-33.9	Peak	Horizontal
*	10171.5	33.5	11.7	45.2	78.5	-33.3	Peak	Horizontal
	4799.5	38.6	2.7	41.3	74.0	-32.7	Peak	Vertical
	7307.0	42.5	8.0	50.5	74.0	-23.5	Peak	Vertical
*	8854.0	34.5	9.1	43.6	78.5	-34.9	Peak	Vertical
*	10222.5	35.2	11.8	47.0	78.5	-31.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (98.5dBμV/m) or FCC 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:	802.11n-HT20	Test Site:	AC1
Test Channel:	11	Test Engineer:	Roy Cheng
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
	4774.0	37.2	2.6	39.8	74.0	-34.2	Peak	Horizontal
	7383.5	37.9	7.9	45.8	74.0	-28.2	Peak	Horizontal
*	8684.0	35.6	9.0	44.6	76.3	-31.7	Peak	Horizontal
*	9814.5	35.2	11.6	46.8	76.3	-29.5	Peak	Horizontal
	4799.5	38.4	2.7	41.1	74.0	-32.9	Peak	Vertical
	7383.5	42.0	7.9	49.9	74.0	-24.1	Peak	Vertical
*	8956.0	35.8	9.0	44.8	76.3	-31.5	Peak	Vertical
*	9619.0	36.1	10.9	47.0	76.3	-29.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (96.3dBμV/m) or FCC 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:	802.11n-HT40	Test Site:	AC1
Test Channel:	03	Test Engineer:	Roy Cheng
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
	4612.5	37.4	2.0	39.4	74.0	-34.6	Peak	Horizontal
	7332.5	36.2	8.0	44.2	74.0	-29.8	Peak	Horizontal
*	8692.5	35.3	9.0	44.3	74.2	-29.9	Peak	Horizontal
*	10367.0	34.7	12.2	46.9	74.2	-27.3	Peak	Horizontal
	4782.5	38.0	2.7	40.7	74.0	-33.3	Peak	Vertical
	7256.0	38.2	7.9	46.1	74.0	-27.9	Peak	Vertical
*	8658.5	35.1	8.8	43.9	74.2	-30.3	Peak	Vertical
*	10392.5	34.5	12.3	46.8	74.2	-27.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (94.2dBμV/m) or FCC 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:	802.11n-HT40	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. 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
	4782.5	39.7	2.7	42.4	74.0	-31.6	Peak	Horizontal
	7298.5	36.5	8.0	44.5	74.0	-29.5	Peak	Horizontal
*	8573.5	35.9	8.7	44.6	74.0	-29.4	Peak	Horizontal
*	9874.0	35.0	11.6	46.6	74.0	-27.4	Peak	Horizontal
	4791.0	40.9	2.7	43.6	74.0	-30.4	Peak	Vertical
	7324.0	39.6	8.0	47.6	74.0	-26.4	Peak	Vertical
*	8964.5	36.0	9.0	45.0	74.0	-29.0	Peak	Vertical
*	9916.5	34.2	11.5	45.7	74.0	-28.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (93.3dBμV/m) or FCC 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:	802.11n-HT40	Test Site:	AC1
Test Channel:	09	Test Engineer:	Roy Cheng
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
	4782.5	37.8	2.7	40.5	74.0	-33.5	Peak	Horizontal
	7366.5	37.1	7.9	45.0	74.0	-29.0	Peak	Horizontal
*	8930.5	35.4	9.0	44.4	74.0	-29.6	Peak	Horizontal
*	9814.5	35.3	11.6	46.9	74.0	-27.1	Peak	Horizontal
	4782.5	39.1	2.7	41.8	74.0	-32.2	Peak	Vertical
	7358.0	39.6	8.0	47.6	74.0	-26.4	Peak	Vertical
*	7978.5	36.7	8.7	45.4	74.0	-28.6	Peak	Vertical
*	9823.0	35.3	11.6	46.9	74.0	-27.1	Peak	Vertical

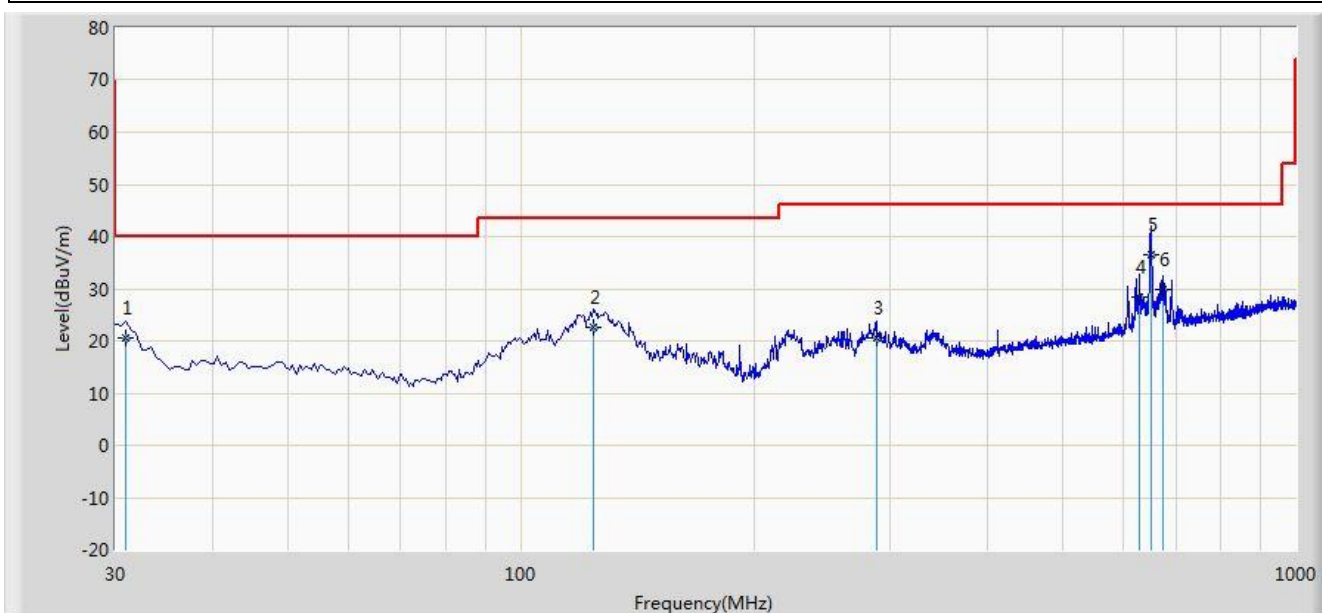
Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (93.1dBμV/m) or FCC 15.209 which is higher.

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 below 1GHz:

Site: AC1	Time: 2016/11/23 - 18:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Note: There is the worst case within frequency range 30MHz~1GHz.	

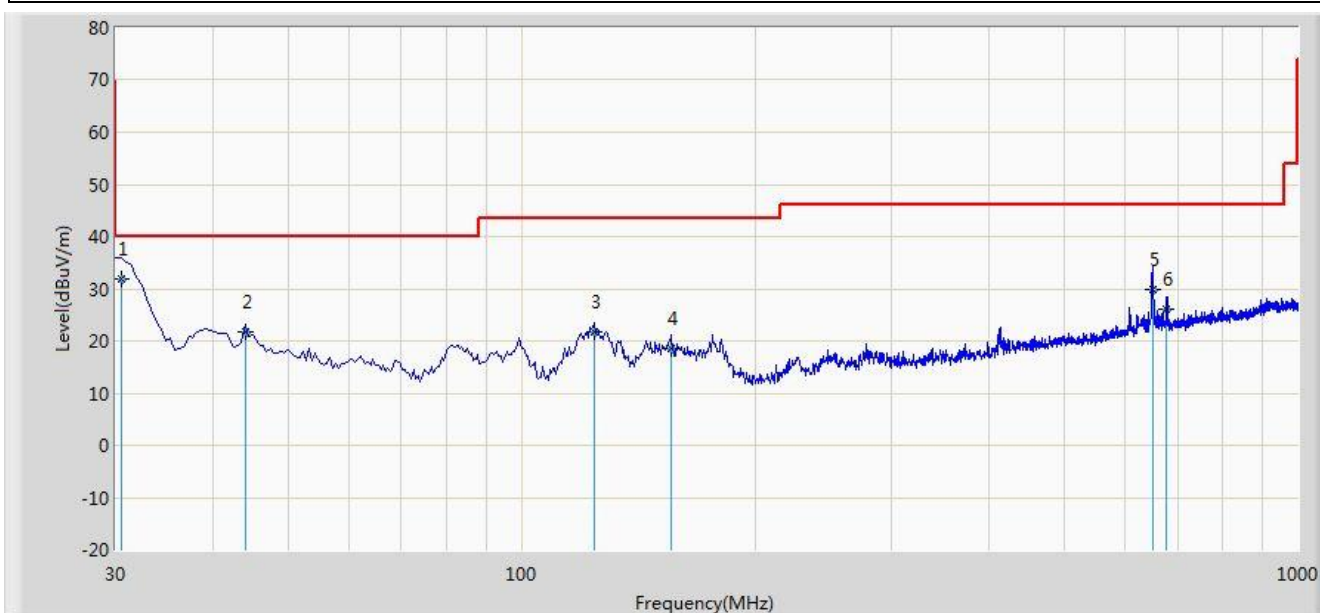


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			30.970	20.589	6.940	-19.411	40.000	13.649	QP
2			124.090	22.688	9.294	-20.812	43.500	13.394	QP
3			287.535	20.480	6.495	-25.520	46.000	13.986	QP
4			628.490	28.467	7.384	-17.533	46.000	21.083	QP
5		*	649.830	36.391	15.029	-9.609	46.000	21.362	QP
6			672.625	29.964	8.283	-16.036	46.000	21.681	QP

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

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

Site: AC1	Time: 2016/11/23 - 18:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Note: There is the worst case within frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	30.485	31.912	18.283	-8.088	40.000	13.629	QP
2			44.065	21.838	7.594	-18.162	40.000	14.244	QP
3			124.090	21.692	8.298	-21.808	43.500	13.394	QP
4			156.100	18.491	3.308	-25.009	43.500	15.183	QP
5			649.830	29.751	8.389	-16.249	46.000	21.362	QP
6			678.445	26.080	4.305	-19.920	46.000	21.775	QP

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

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

Site: AC1	Time: 2016/11/16 - 21:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: Cloud Client Box	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

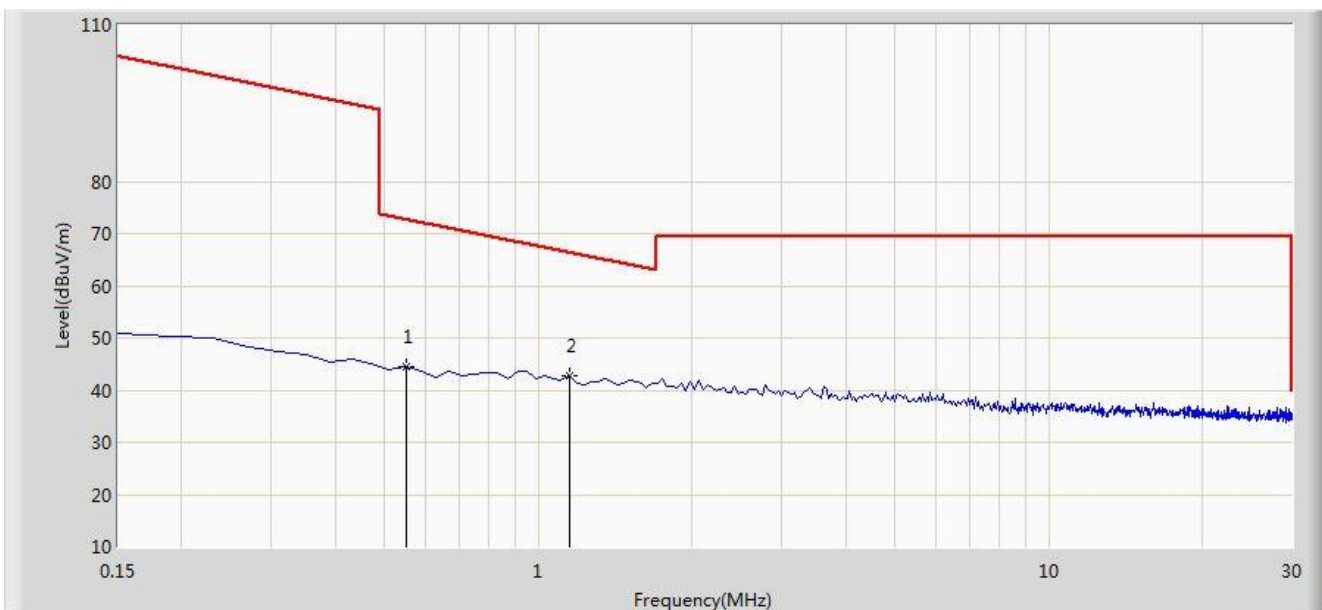


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.025	57.321	36.174	-62.310	119.631	21.147	AV
2		*	0.069	48.605	28.314	-62.213	110.818	20.291	AV

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

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

Site: AC1	Time: 2016/11/16 - 21:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: Cloud Client Box	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

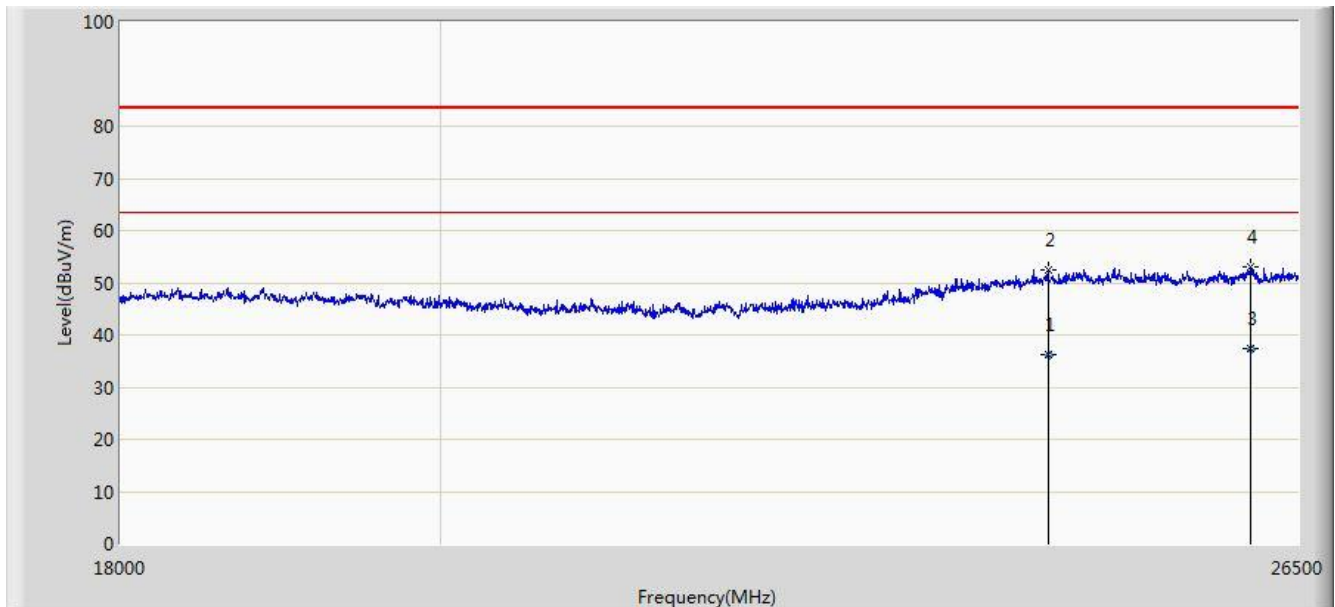


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.550	44.566	24.099	-28.234	72.799	20.467	QP
2		*	1.150	42.889	22.372	-23.522	66.411	20.517	QP

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

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

Site: AC1	Time: 2016/11/16 - 13:21
Limit: FCC_Part15.209_RE(1m)	Engineer: Jone Zhang
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~25GHz.	

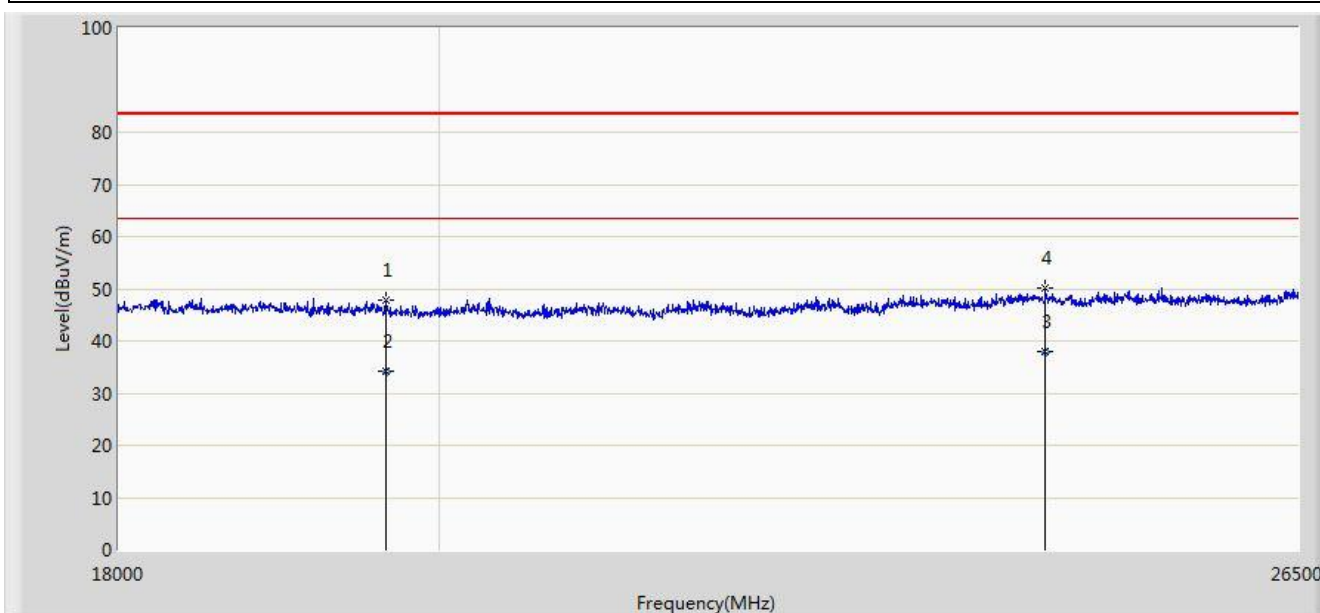


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			24411.300	36.319	25.497	-27.181	63.500	10.821	AV
2			24413.250	52.481	41.667	-31.019	83.500	10.815	PK
3		*	26091.290	37.376	26.394	-26.124	63.500	10.982	AV
4			26092.000	53.038	42.050	-30.462	83.500	10.988	PK

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

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

Site: AC1	Time: 2016/11/16 - 13:24
Limit: FCC_Part15.209_RE(1m)	Engineer: Jone Zhang
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~25GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			19649.000	47.783	39.688	-35.717	83.500	8.096	PK
2			19650.000	34.133	26.033	-29.367	63.500	8.100	AV
3		*	24396.112	37.946	27.110	-25.554	63.500	10.836	AV
4			24396.250	50.126	39.290	-33.374	83.500	10.837	PK

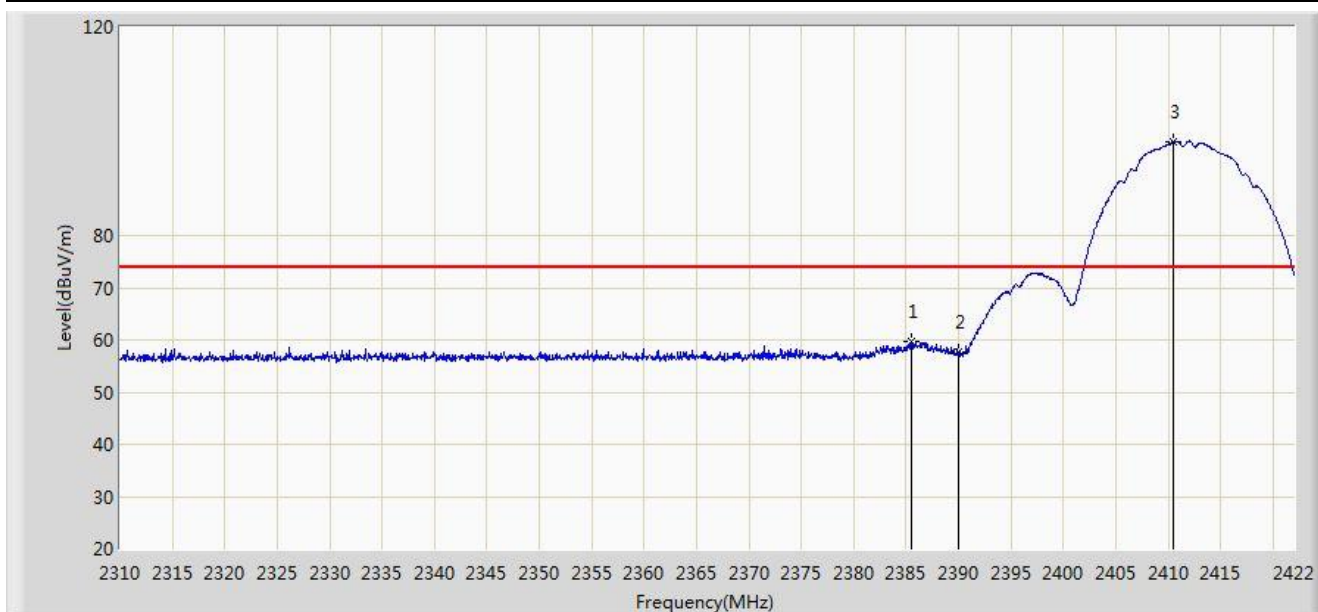
Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

7.7. Radiated Restricted Band Edge Measurement

7.7.1. Test Result

Site: AC1	Time: 2016/11/16 - 19:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11b	

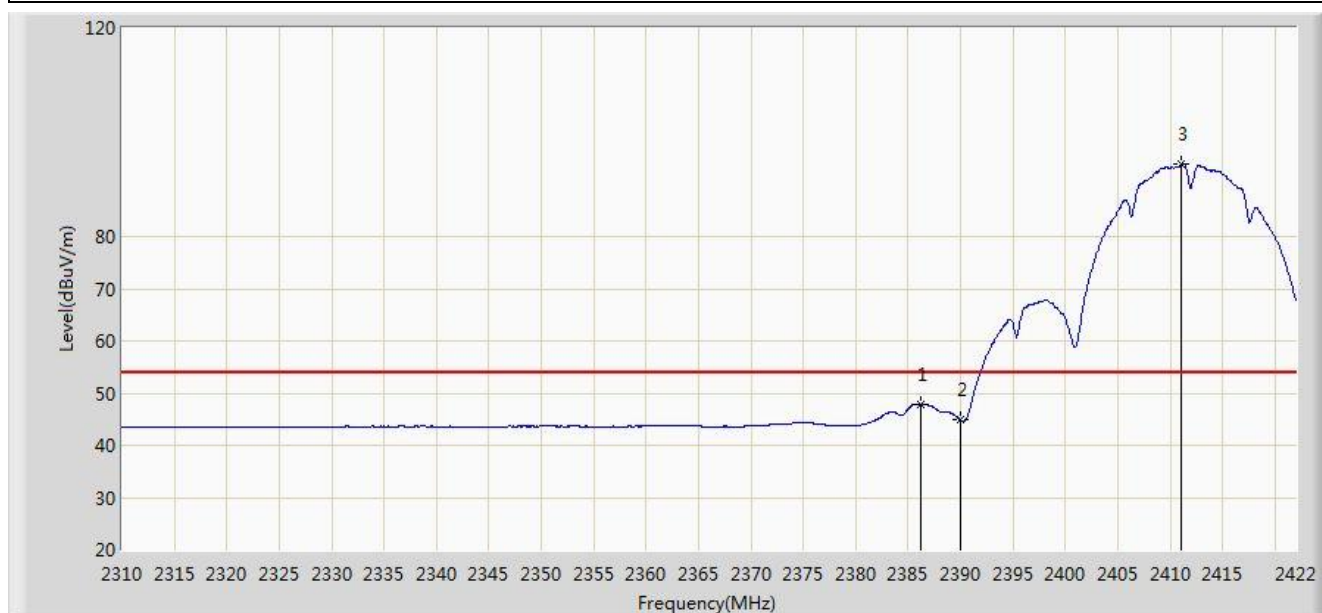


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.544	59.806	28.595	-14.194	74.000	31.211	PK
2			2390.000	57.596	26.393	-16.404	74.000	31.203	PK
3		*	2410.464	97.924	66.752	N/A	N/A	31.172	PK

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

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

Site: AC1	Time: 2016/11/16 - 20:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11b	

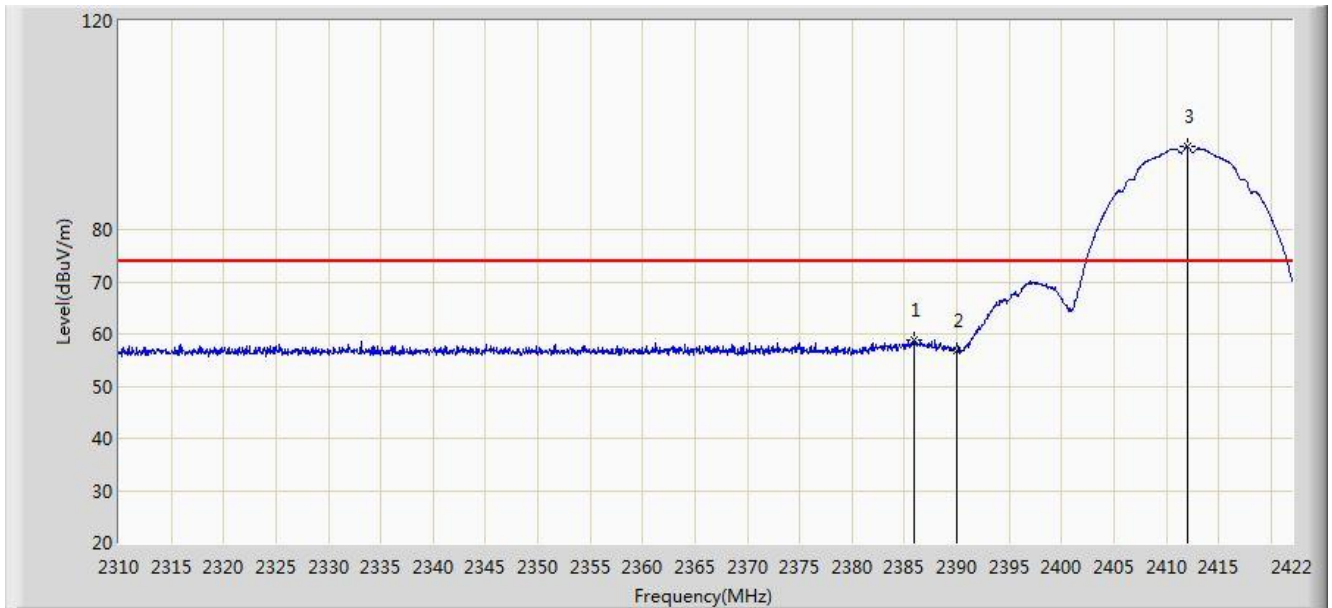


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.216	47.962	16.752	-6.038	54.000	31.210	AV
2			2390.000	44.811	13.608	-9.189	54.000	31.203	AV
3		*	2411.024	93.826	62.655	N/A	N/A	31.171	AV

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

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

Site: AC1	Time: 2016/11/16 - 20:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11b	

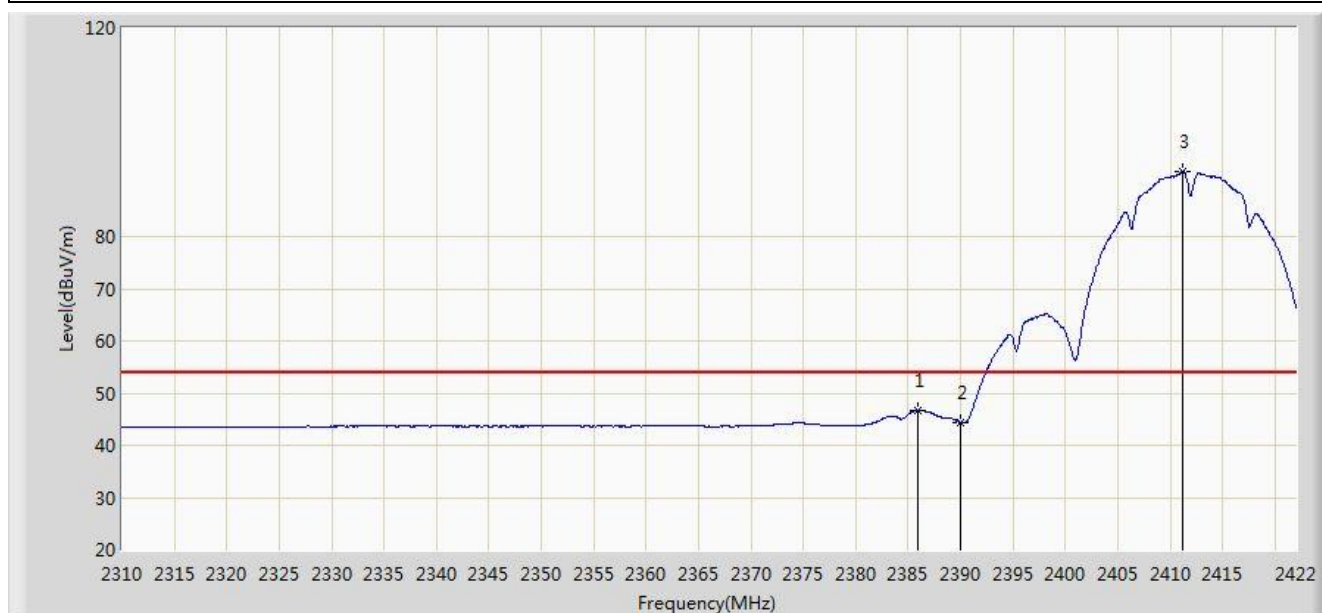


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.880	58.811	27.601	-15.189	74.000	31.211	PK
2			2390.000	56.933	25.730	-17.067	74.000	31.203	PK
3		*	2411.976	95.834	64.664	N/A	N/A	31.170	PK

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

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

Site: AC1	Time: 2016/11/16 - 20:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11b	

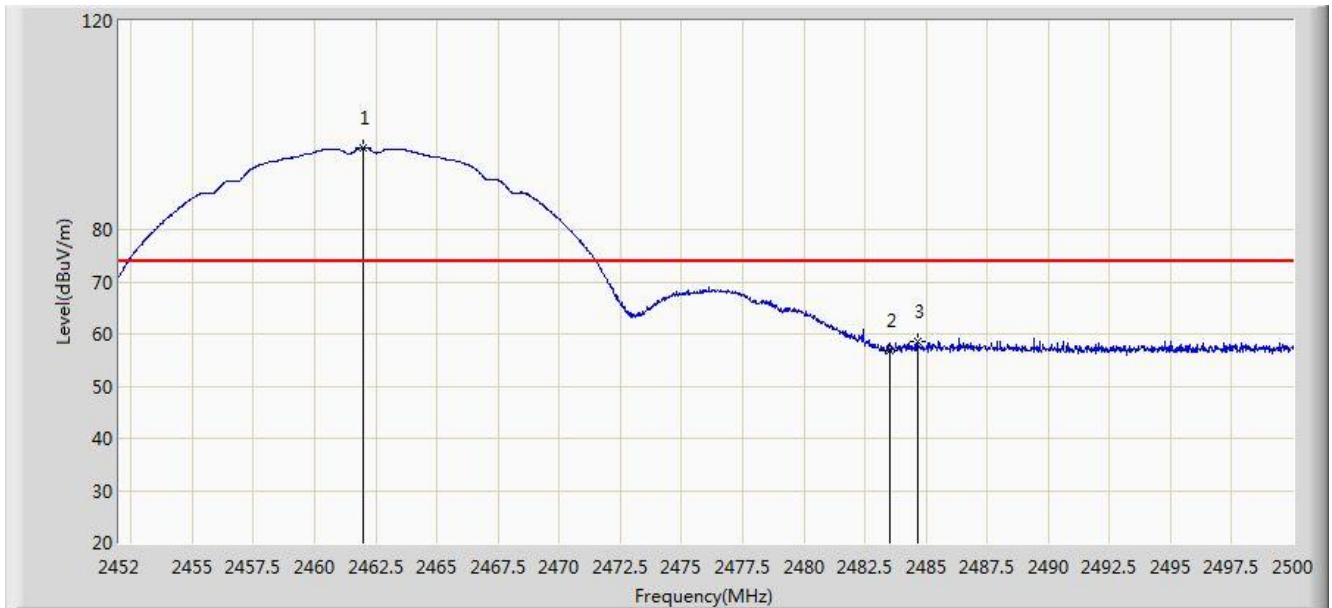


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.936	46.662	15.452	-7.338	54.000	31.210	AV
2			2390.000	44.325	13.122	-9.675	54.000	31.203	AV
3		*	2411.248	92.408	61.237	N/A	N/A	31.171	AV

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

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

Site: AC1	Time: 2016/11/16 - 20:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11b	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.984	95.775	64.640	N/A	N/A	31.135	PK
2			2483.500	56.813	25.620	-17.187	74.000	31.194	PK
3			2484.640	58.689	27.493	-15.311	74.000	31.197	PK

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

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

Site: AC1	Time: 2016/11/16 - 20:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11b	

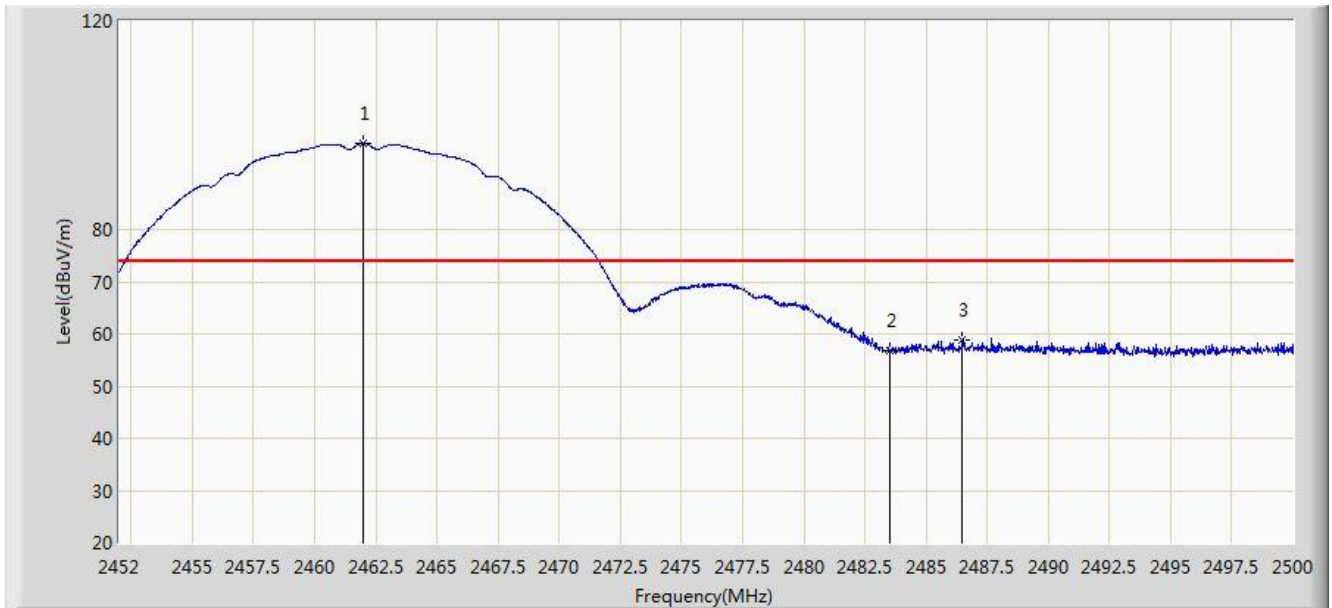


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.216	92.057	60.923	N/A	N/A	31.134	AV
2			2483.500	44.347	13.154	-9.653	54.000	31.194	AV
3			2486.248	44.663	13.462	-9.337	54.000	31.201	AV

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

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

Site: AC1	Time: 2016/11/16 - 20:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11b	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.008	96.581	65.446	N/A	N/A	31.135	PK
2			2483.500	56.813	25.620	-17.187	74.000	31.194	PK
3			2486.464	58.911	27.710	-15.089	74.000	31.201	PK

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

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

Site: AC1	Time: 2016/11/16 - 20:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11b	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.240	92.949	61.815	N/A	N/A	31.134	AV
2			2483.500	44.583	13.390	-9.417	54.000	31.194	AV
3			2486.680	45.200	13.998	-8.800	54.000	31.201	AV

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

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

Site: AC1	Time: 2016/11/16 - 20:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11g	

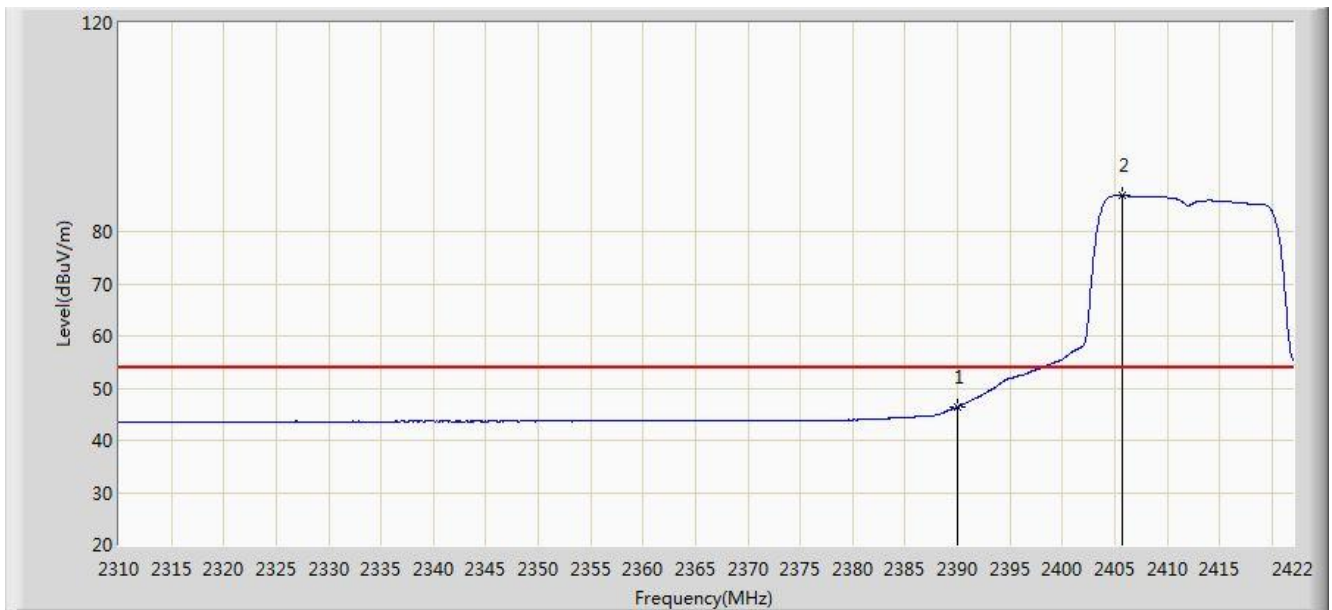


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.856	62.795	31.592	-11.205	74.000	31.203	PK
2			2390.000	62.677	31.474	-11.323	74.000	31.203	PK
3		*	2405.032	97.143	65.963	N/A	N/A	31.180	PK

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

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

Site: AC1	Time: 2016/11/16 - 20:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11g	

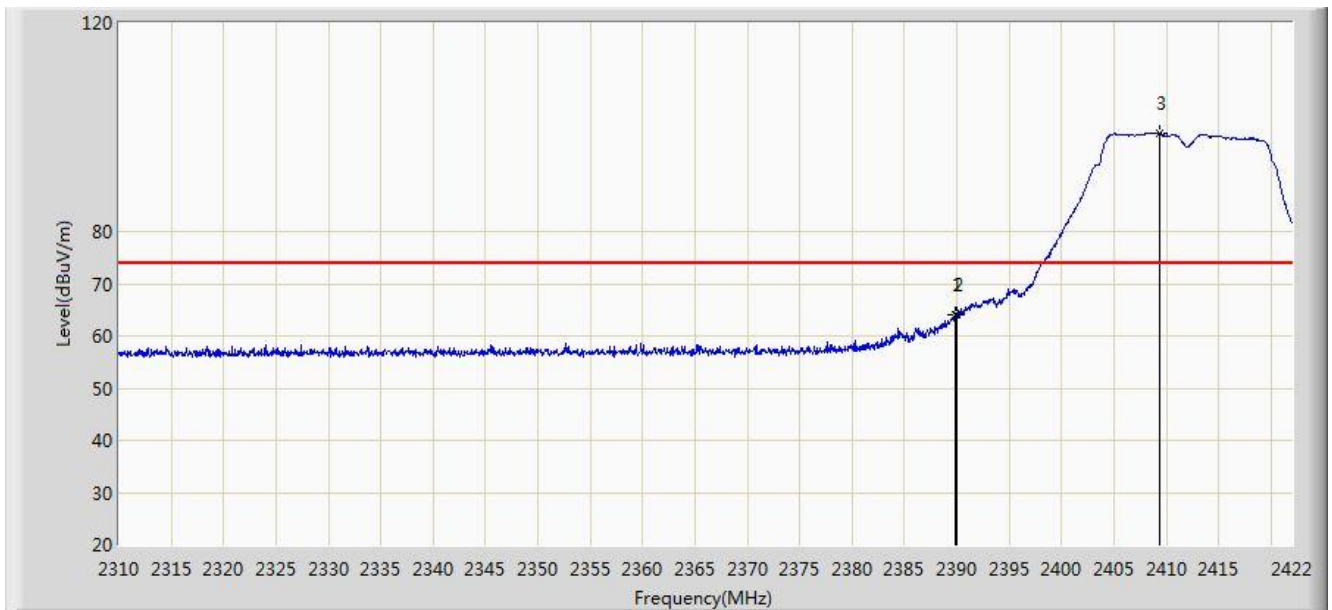


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.435	15.232	-7.565	54.000	31.203	AV
2		*	2405.760	86.843	55.664	N/A	N/A	31.178	AV

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

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

Site: AC1	Time: 2016/11/16 - 20:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11g	

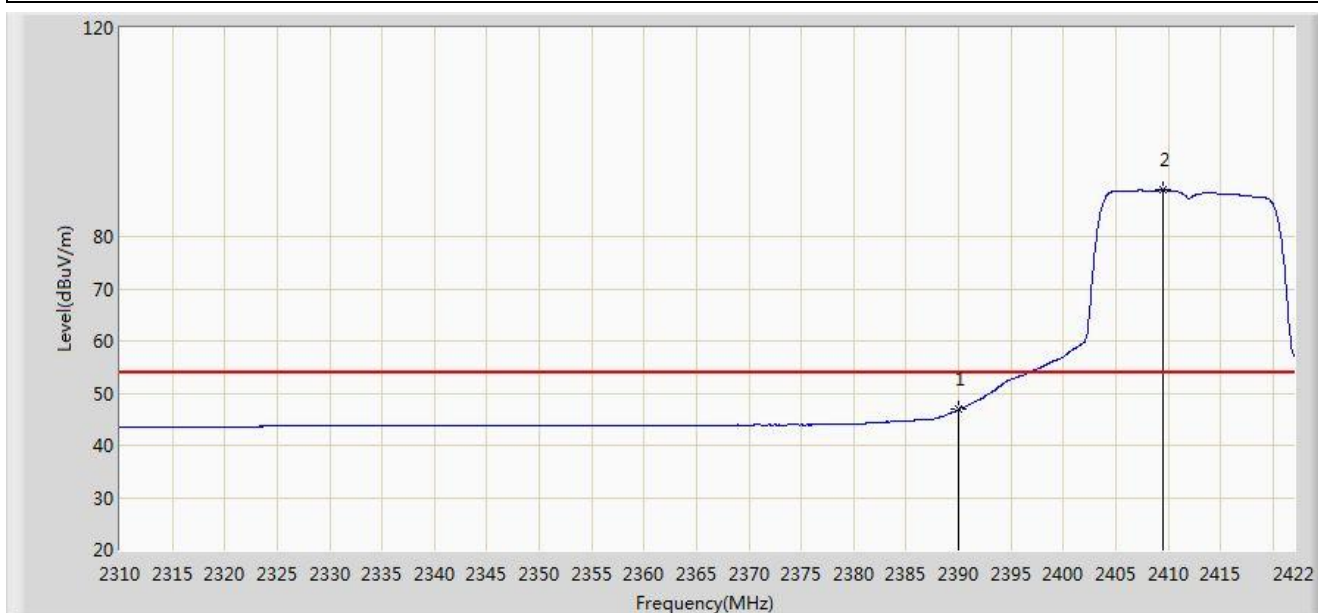


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.912	64.067	32.864	-9.933	74.000	31.203	PK
2			2390.000	63.948	32.745	-10.052	74.000	31.203	PK
3		*	2409.400	98.820	67.646	N/A	N/A	31.173	PK

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

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

Site: AC1	Time: 2016/11/16 - 20:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11g	

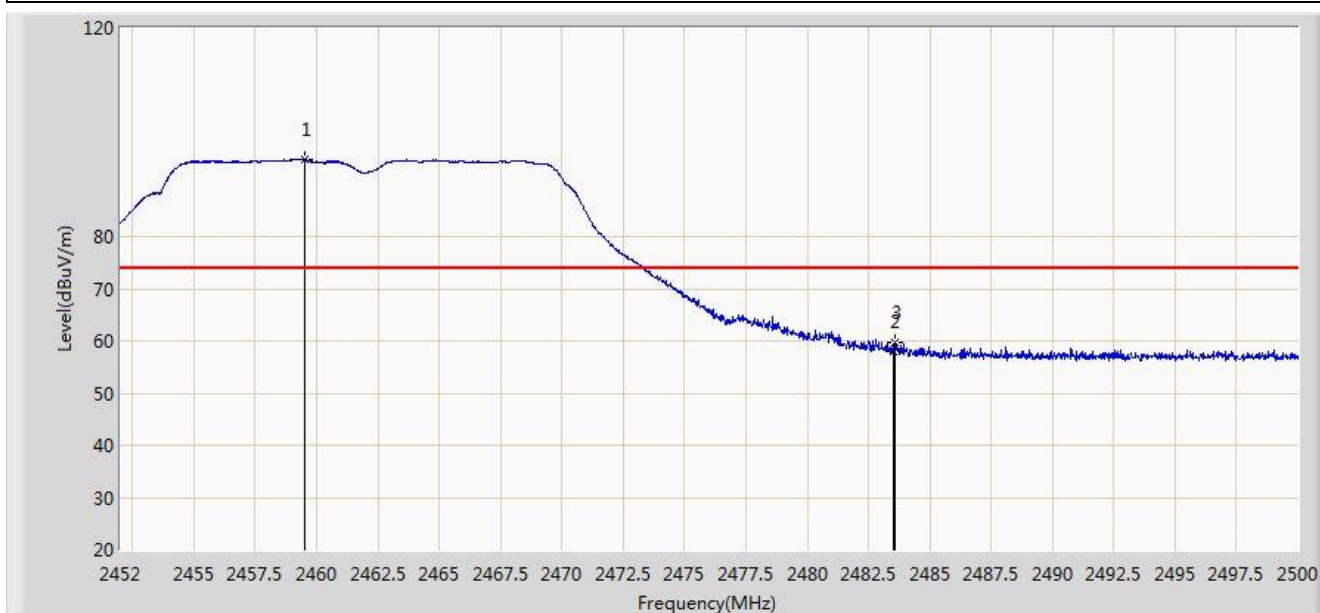


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.822	15.619	-7.178	54.000	31.203	AV
2		*	2409.512	88.954	57.781	N/A	N/A	31.173	AV

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

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

Site: AC1	Time: 2016/11/16 - 20:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11g	

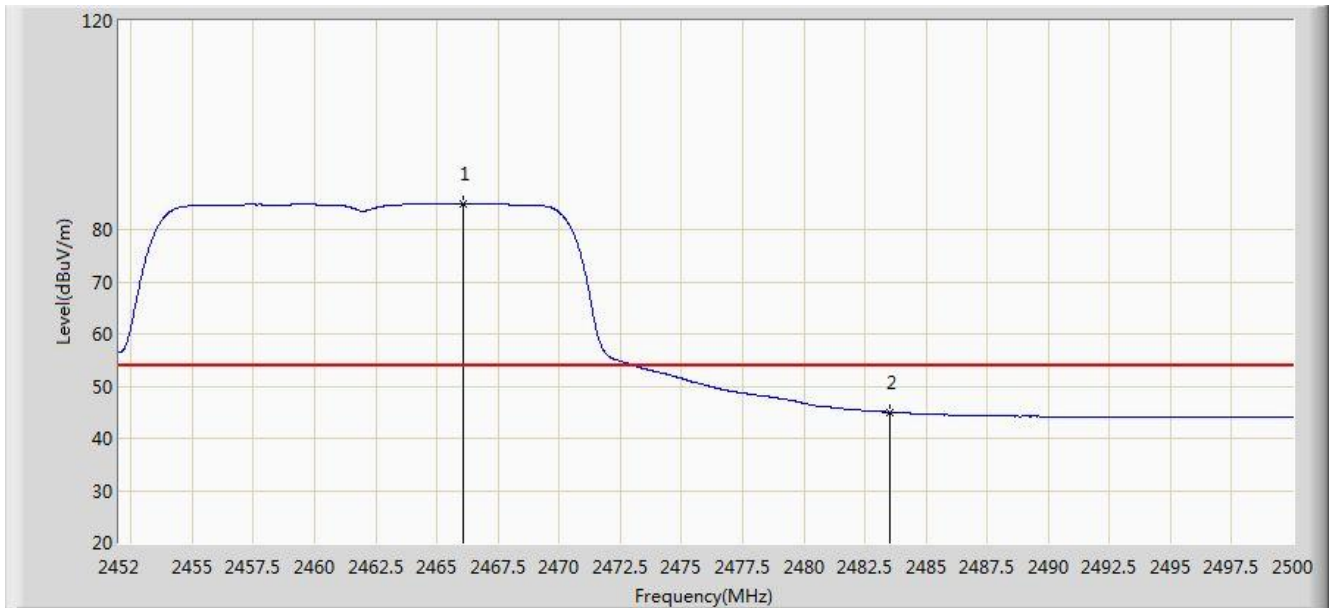


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.512	94.797	63.666	N/A	N/A	31.131	PK
2			2483.500	57.963	26.770	-16.037	74.000	31.194	PK
3			2483.584	59.572	28.378	-14.428	74.000	31.194	PK

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

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

Site: AC1	Time: 2016/11/16 - 21:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11g	

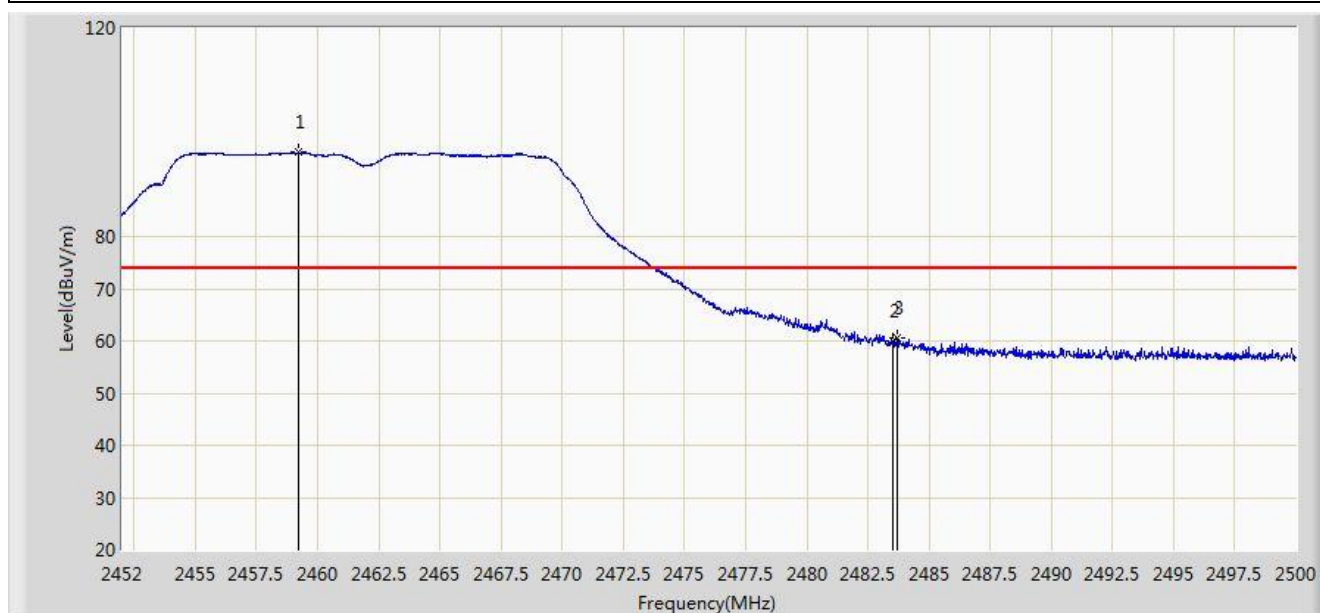


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2466.064	85.014	53.869	N/A	N/A	31.145	AV
2			2483.500	44.991	13.798	-9.009	54.000	31.194	AV

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

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

Site: AC1	Time: 2016/11/16 - 21:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11g	

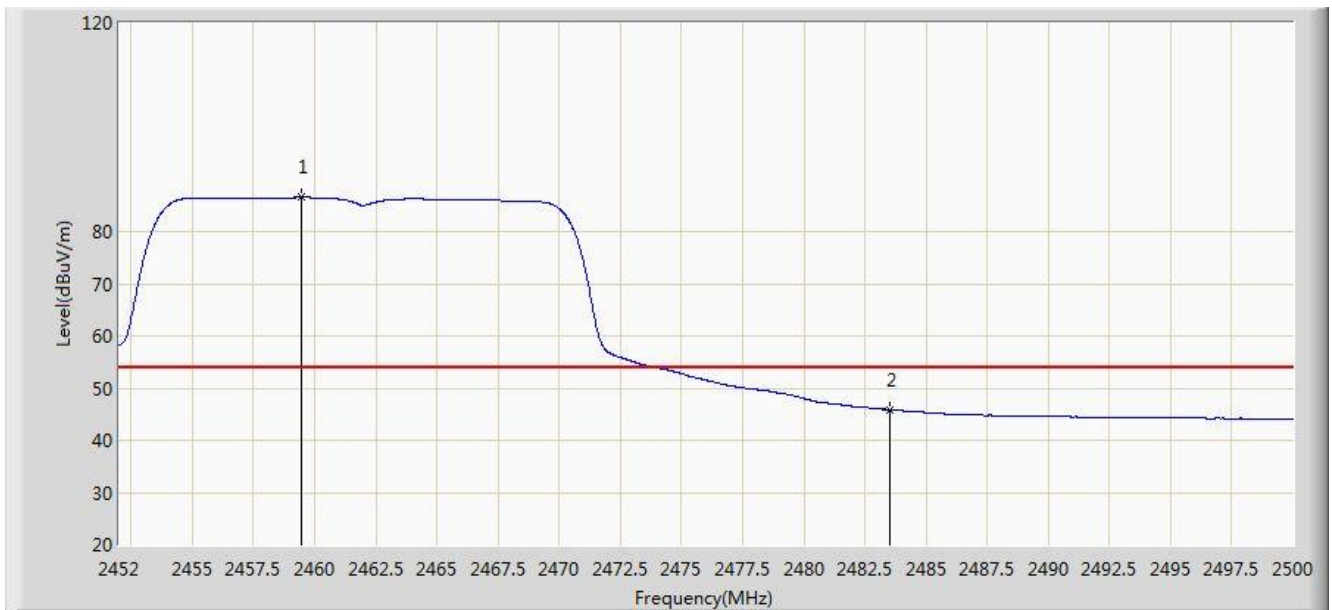


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.224	96.101	64.971	N/A	N/A	31.131	PK
2			2483.500	60.105	28.912	-13.895	74.000	31.194	PK
3			2483.704	60.627	29.433	-13.373	74.000	31.194	PK

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

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

Site: AC1	Time: 2016/11/16 - 21:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11g	

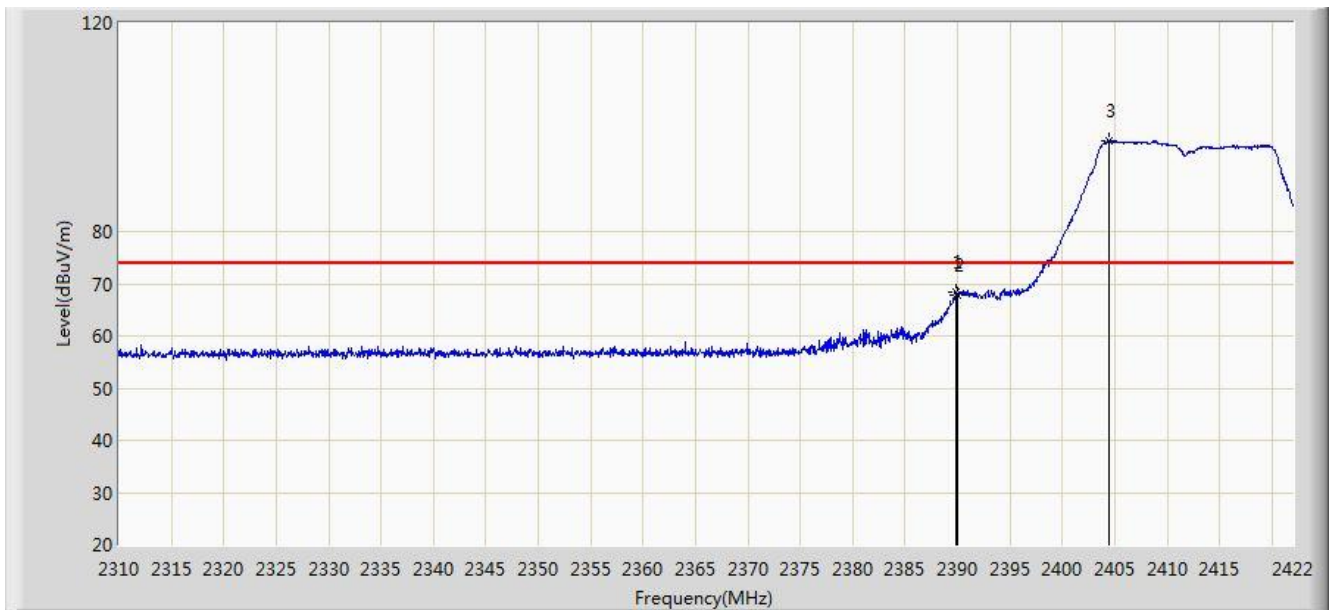


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.488	86.602	55.471	N/A	N/A	31.131	AV
2			2483.500	45.841	14.648	-8.159	54.000	31.194	AV

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

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

Site: AC1	Time: 2016/11/16 - 21:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11n-HT20	

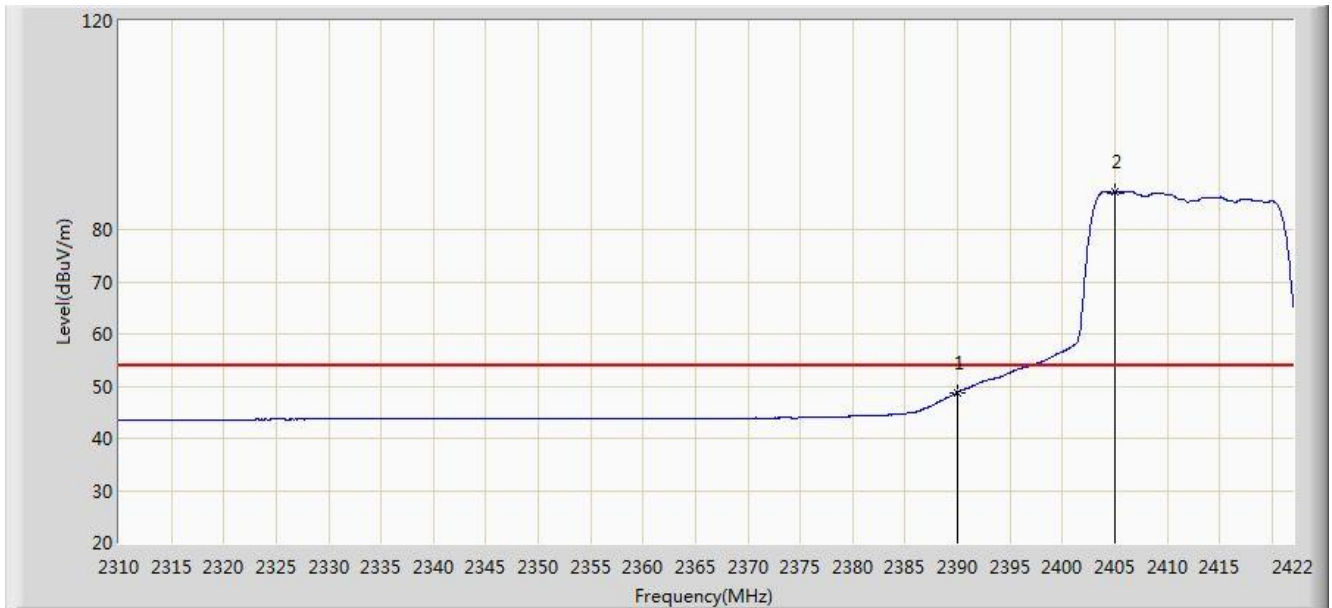


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.856	68.266	37.063	-5.734	74.000	31.203	PK
2			2390.000	67.969	36.766	-6.031	74.000	31.203	PK
3		*	2404.472	97.401	66.220	N/A	N/A	31.180	PK

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

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

Site: AC1	Time: 2016/11/16 - 21:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11n-HT20	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.811	17.608	-5.189	54.000	31.203	AV
2		*	2405.032	87.215	56.035	N/A	N/A	31.180	AV

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

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

Site: AC1	Time: 2016/11/16 - 21:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11n-HT20	

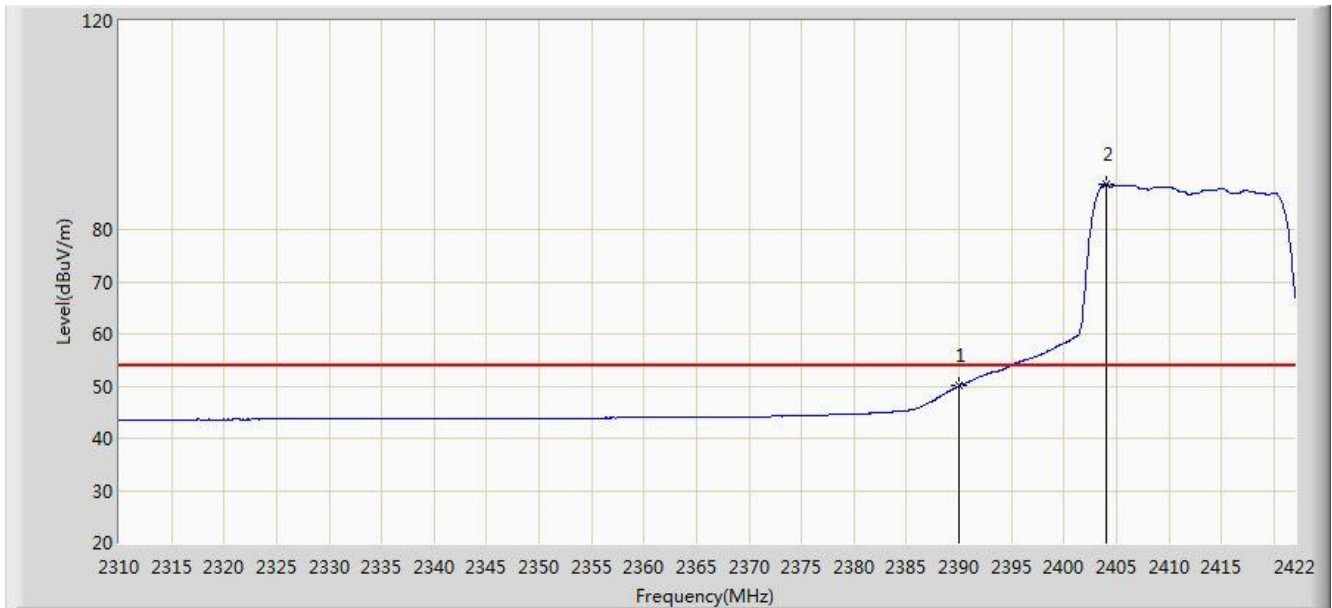


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.912	69.857	38.654	-4.143	74.000	31.203	PK
2			2390.000	69.644	38.441	-4.356	74.000	31.203	PK
3		*	2408.784	98.921	67.747	N/A	N/A	31.175	PK

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

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

Site: AC1	Time: 2016/11/16 - 21:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11n-HT20	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.054	18.851	-3.946	54.000	31.203	AV
2		*	2404.024	88.622	57.441	N/A	N/A	31.182	AV

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

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

Site: AC1	Time: 2016/11/16 - 21:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11n-HT20	

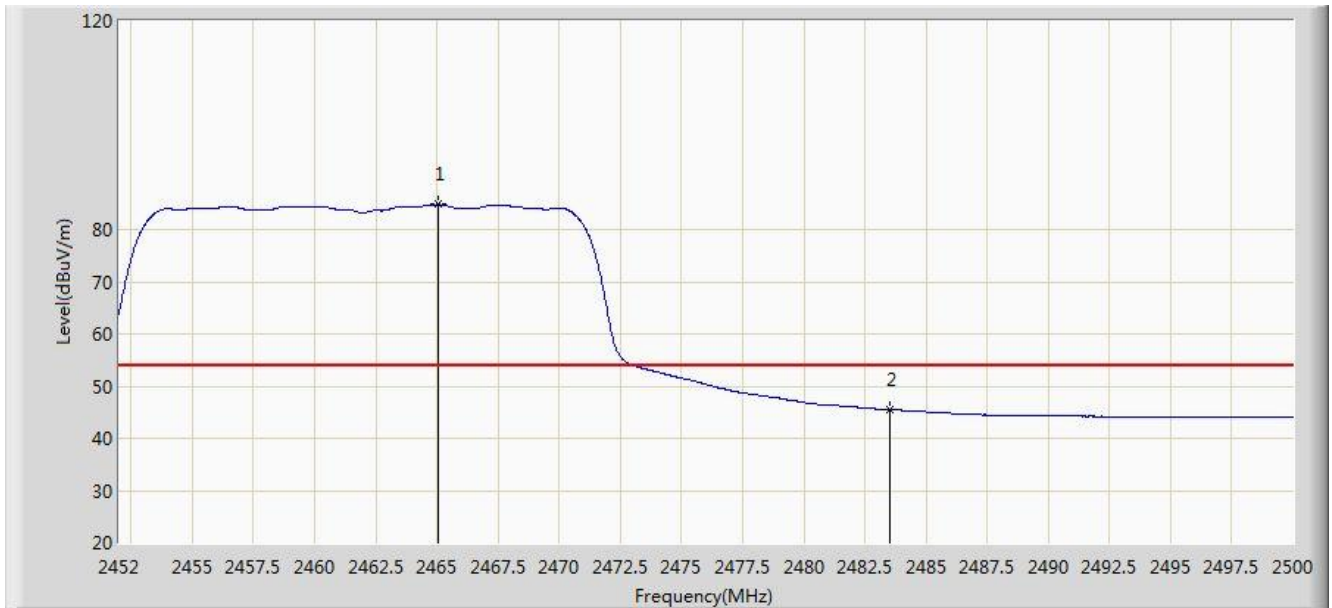


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.864	95.019	63.889	N/A	N/A	31.130	PK
2			2483.500	61.495	30.302	-12.505	74.000	31.194	PK
3			2484.280	62.786	31.591	-11.214	74.000	31.195	PK

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

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

Site: AC1	Time: 2016/11/16 - 21:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11n-HT20	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2465.032	84.794	53.652	N/A	N/A	31.142	AV
2			2483.500	45.521	14.328	-8.479	54.000	31.194	AV

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

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

Site: AC1	Time: 2016/11/16 - 21:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11n-HT20	

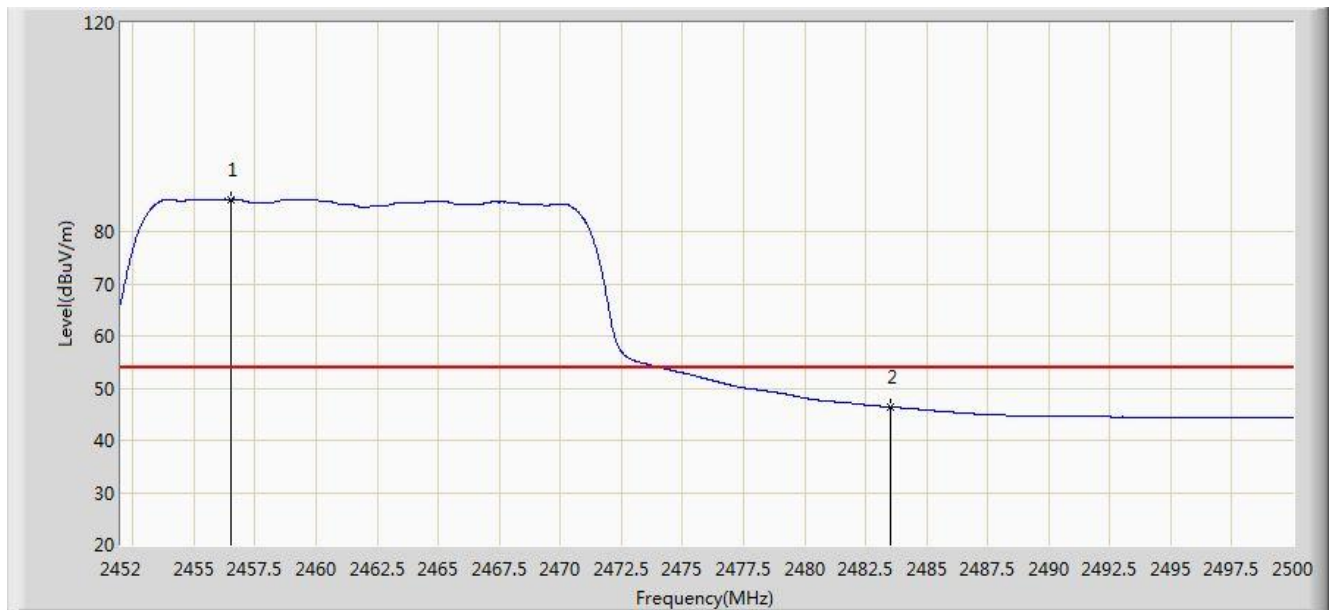


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.792	96.331	65.201	N/A	N/A	31.129	PK
2			2483.500	63.077	31.884	-10.923	74.000	31.194	PK
3			2483.536	64.483	33.290	-9.517	74.000	31.194	PK

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

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

Site: AC1	Time: 2016/11/16 - 21:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11n-HT20	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.536	86.225	55.099	N/A	N/A	31.125	AV
2			2483.500	46.391	15.198	-7.609	54.000	31.194	AV

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

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

Site: AC1	Time: 2016/11/16 - 21:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2422MHz by 802.11n-HT40	

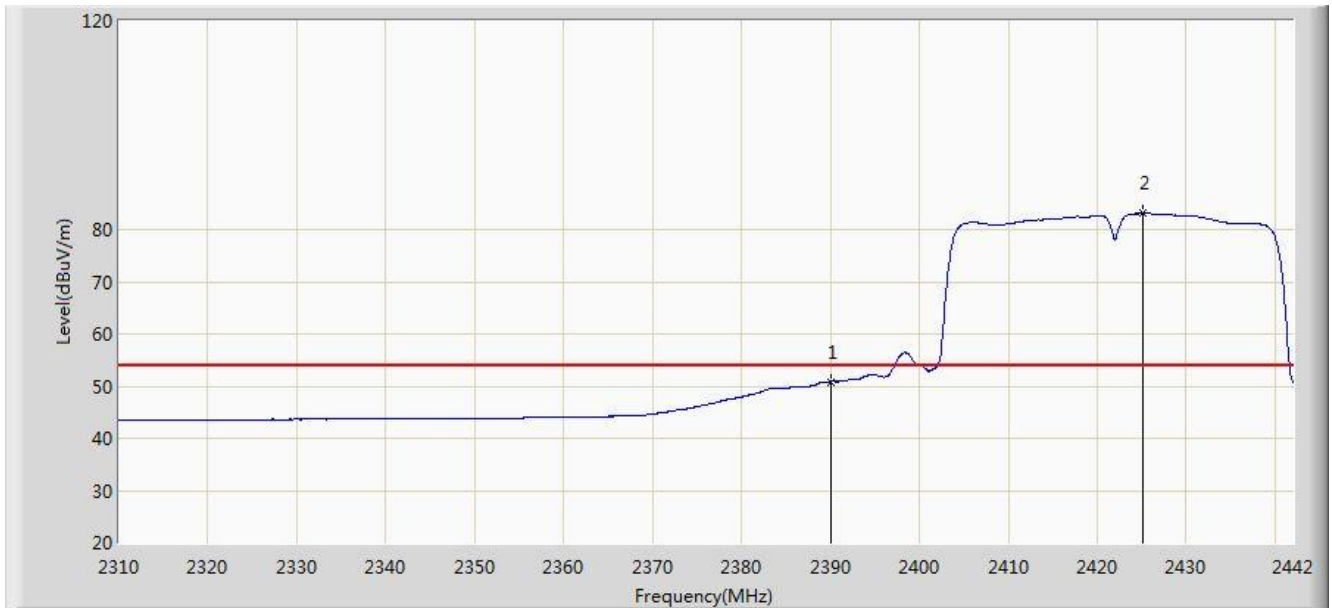


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.834	66.688	35.478	-7.312	74.000	31.211	PK
2			2390.000	65.178	33.975	-8.822	74.000	31.203	PK
3		*	2424.972	93.092	61.945	N/A	N/A	31.147	PK

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

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

Site: AC1	Time: 2016/11/16 - 21:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2422MHz by 802.11n-HT40	

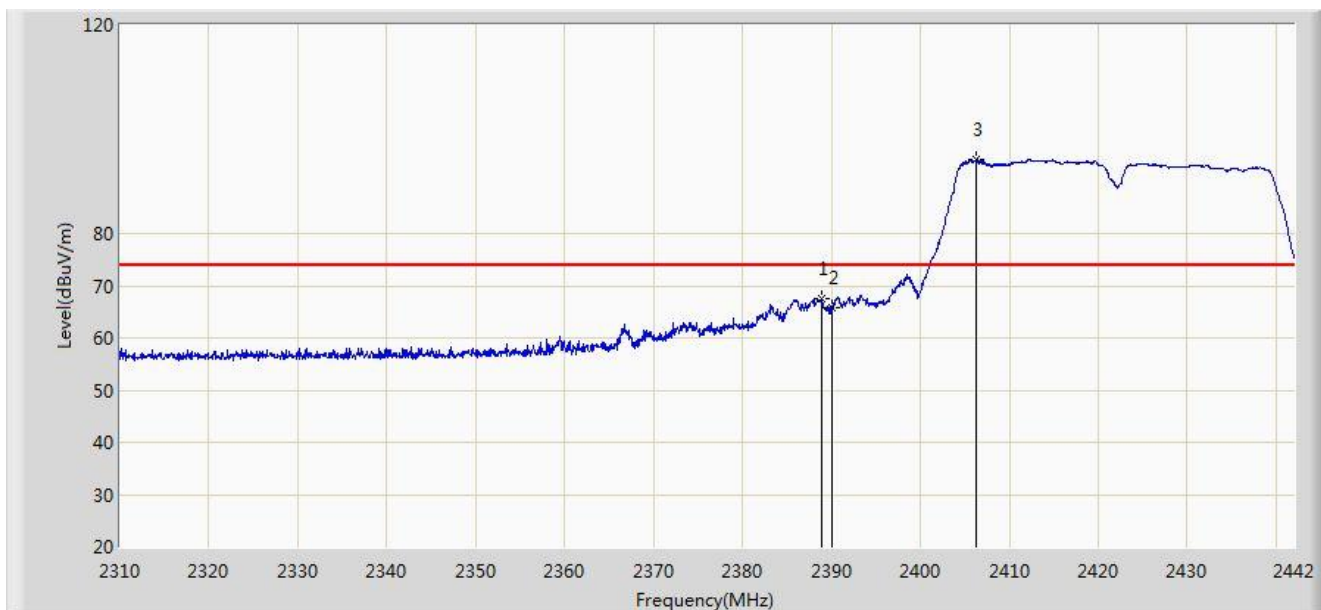


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.839	19.636	-3.161	54.000	31.203	AV
2		*	2425.170	83.085	51.938	N/A	N/A	31.147	AV

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

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

Site: AC1	Time: 2016/11/16 - 21:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2422MHz by 802.11n-HT40	

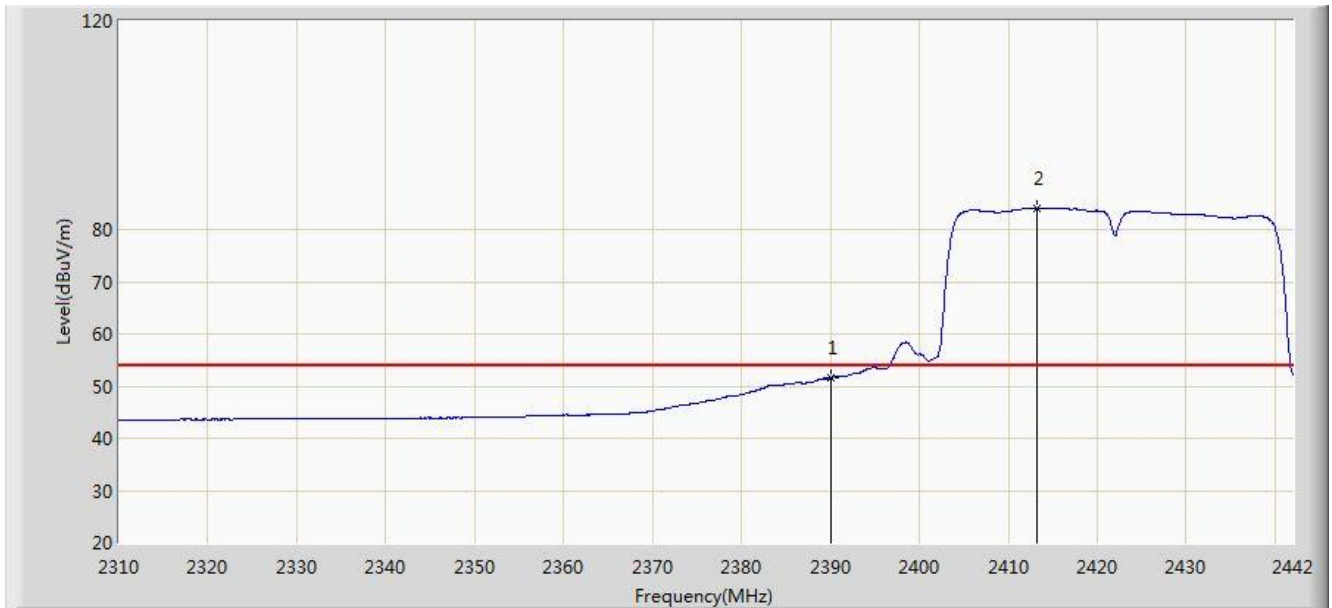


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.870	67.502	36.297	-6.498	74.000	31.205	PK
2			2390.000	65.670	34.467	-8.330	74.000	31.203	PK
3		*	2406.228	94.217	63.039	N/A	N/A	31.178	PK

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

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

Site: AC1	Time: 2016/11/16 - 21:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2422MHz by 802.11n-HT40	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.581	20.378	-2.419	54.000	31.203	AV
2		*	2413.158	84.137	52.969	N/A	N/A	31.167	AV

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

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

Site: AC1	Time: 2016/11/16 - 21:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40	

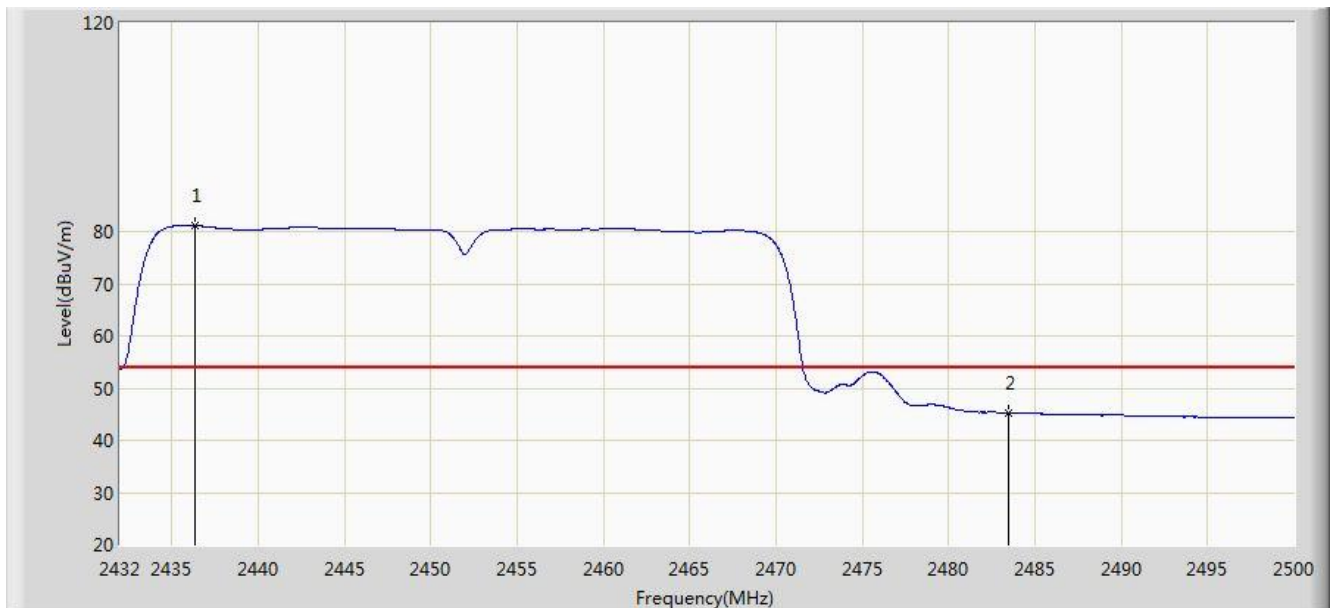


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2442.438	91.540	60.426	N/A	N/A	31.114	PK
2			2483.500	59.676	28.483	-14.324	74.000	31.194	PK
3			2485.924	61.404	30.204	-12.596	74.000	31.200	PK

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

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

Site: AC1	Time: 2016/11/16 - 21:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2436.318	81.193	50.067	N/A	N/A	31.126	AV
2			2483.500	45.237	14.044	-8.763	54.000	31.194	AV

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

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

Site: AC1	Time: 2016/11/16 - 21:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40	

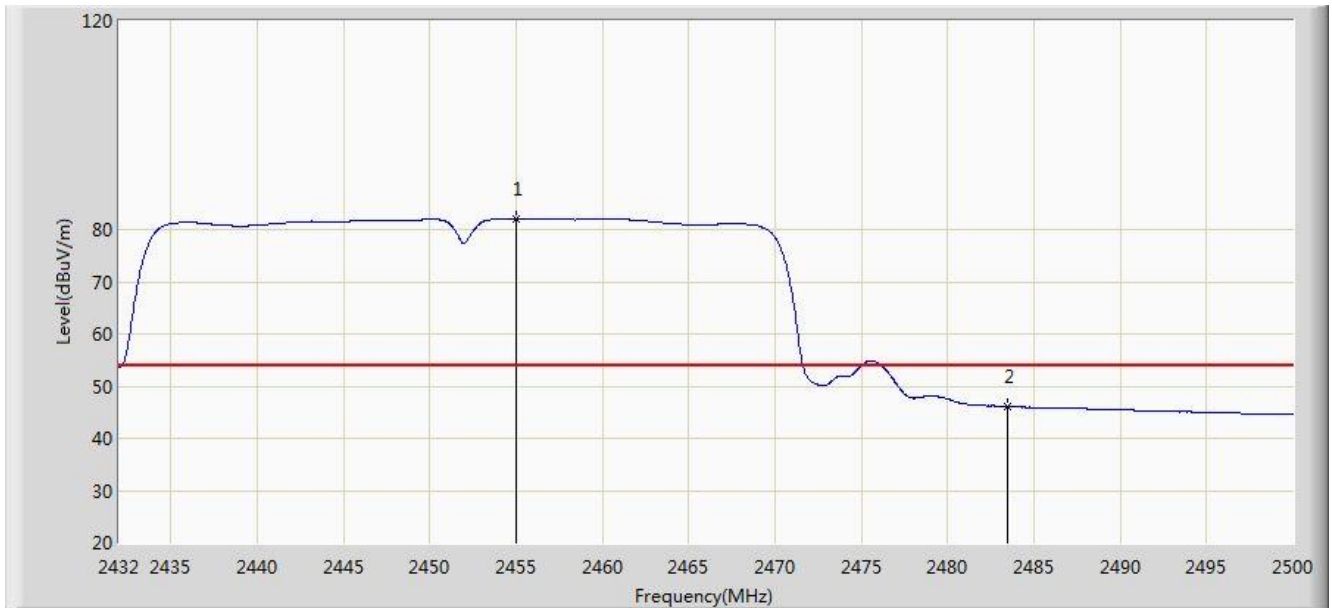


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2444.954	93.137	62.028	N/A	N/A	31.109	PK
2			2483.500	60.922	29.729	-13.078	74.000	31.194	PK
3			2485.244	63.428	32.230	-10.572	74.000	31.198	PK

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

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

Site: AC1	Time: 2016/11/16 - 21:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2454.984	82.045	50.922	N/A	N/A	31.123	AV
2			2483.500	46.116	14.923	-7.884	54.000	31.194	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

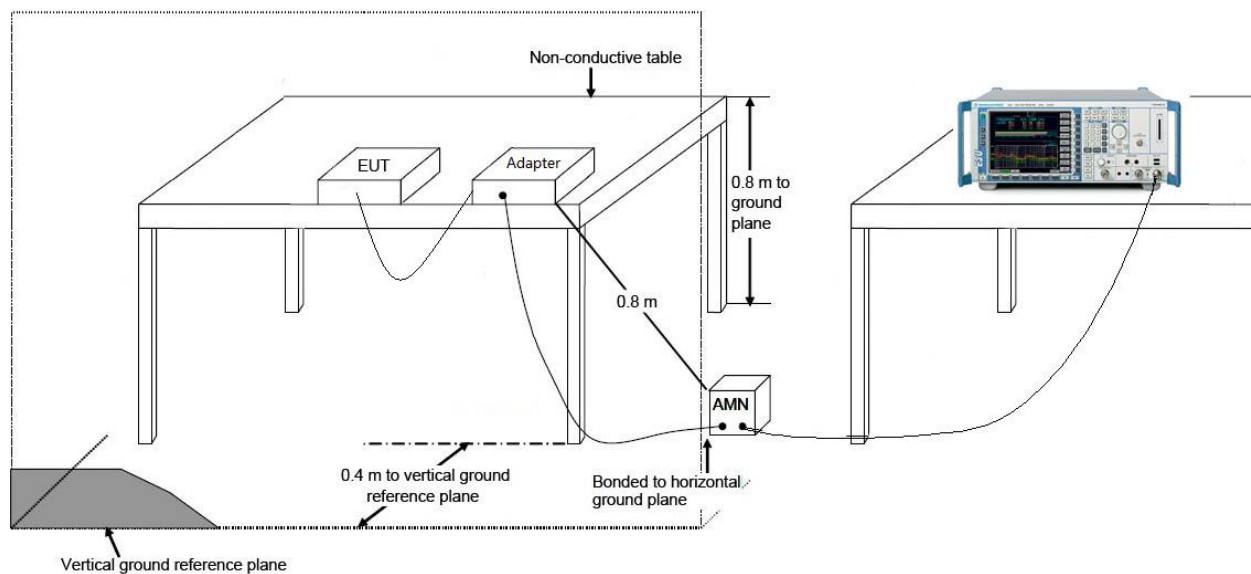
7.8.1. Test Limit

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.

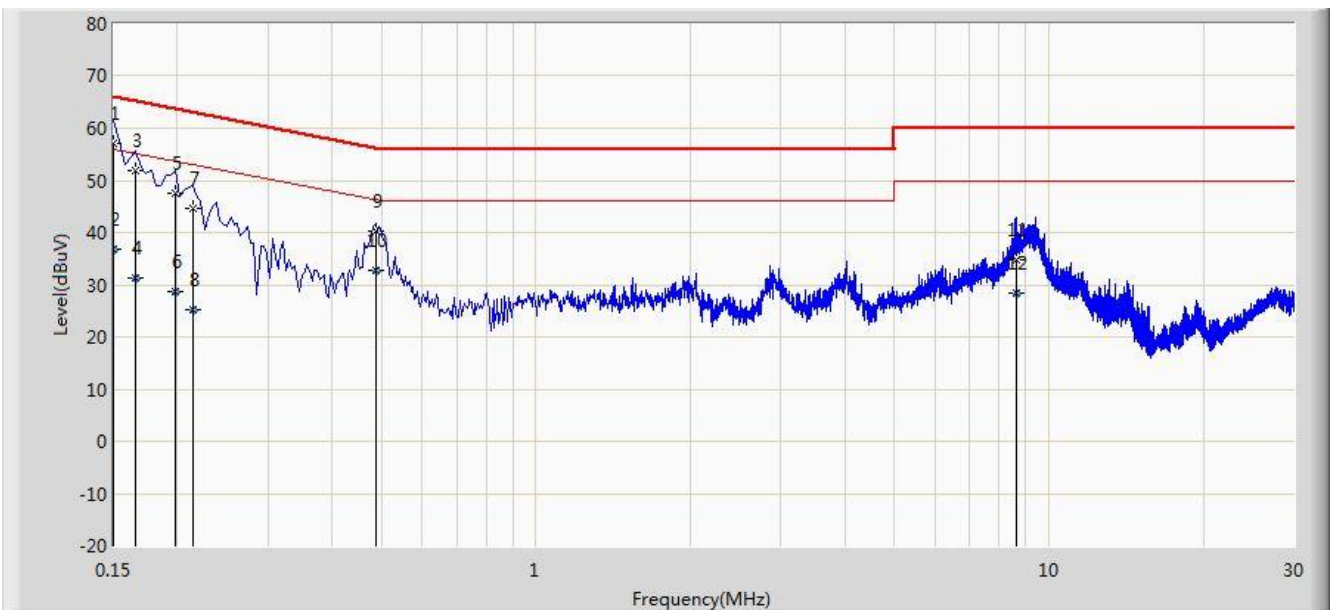
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3. Test Result

Site: SR2	Time: 2016/11/23 - 09:46
Limit: FCC_Part15.207_CE	Engineer: Roy Cheng
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11b	

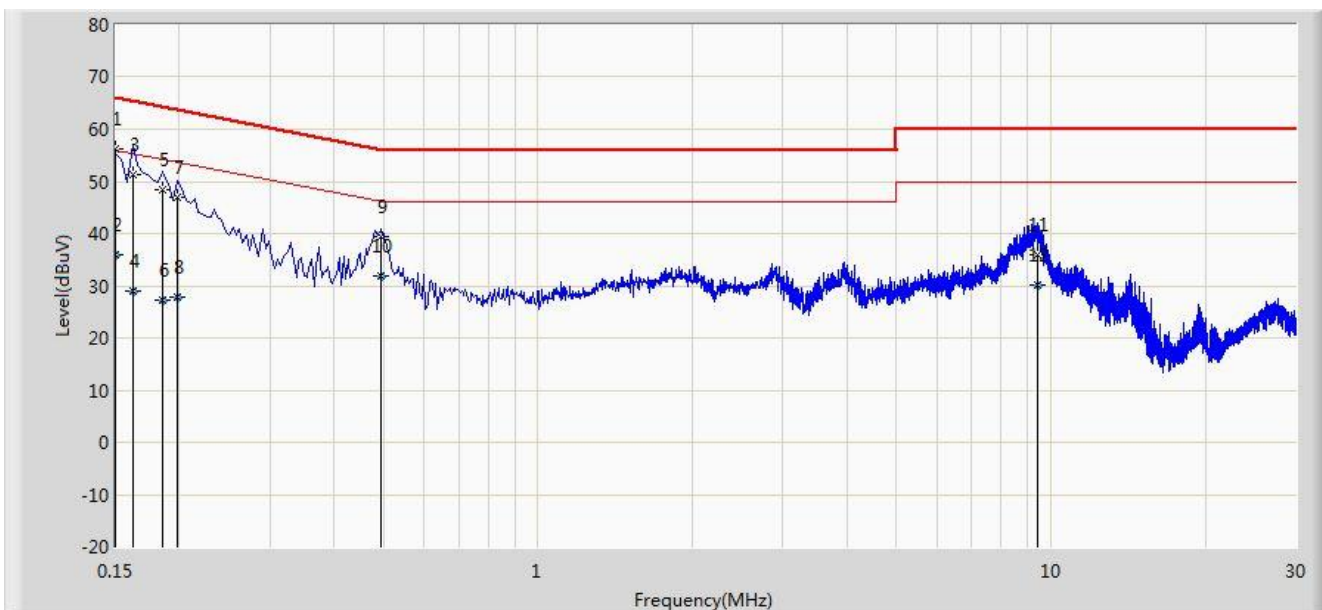


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	56.986	45.817	-9.014	66.000	11.168	QP
2			0.150	36.902	25.733	-19.098	56.000	11.168	AV
3			0.166	51.776	41.688	-13.382	65.158	10.087	QP
4			0.166	31.341	21.254	-23.817	55.158	10.087	AV
5			0.198	47.456	37.451	-16.238	63.694	10.005	QP
6			0.198	28.840	18.836	-24.854	53.694	10.005	AV
7			0.214	44.585	34.629	-18.463	63.049	9.957	QP
8			0.214	25.227	15.270	-27.821	53.049	9.957	AV
9			0.486	40.282	30.127	-15.954	56.236	10.155	QP
10			0.486	32.774	22.619	-13.462	46.236	10.155	AV
11			8.642	34.813	24.633	-25.187	60.000	10.180	QP
12			8.642	28.502	18.322	-21.498	50.000	10.180	AV

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

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

Site: SR2	Time: 2016/11/23 - 10:16
Limit: FCC_Part15.207_CE	Engineer: Roy Cheng
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Cloud Client Box	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11b	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	56.327	45.185	-9.673	66.000	11.142	QP
2			0.150	35.804	24.662	-20.196	56.000	11.142	AV
3			0.162	51.378	41.299	-13.983	65.361	10.078	QP
4			0.162	29.079	19.001	-26.282	55.361	10.078	AV
5			0.186	48.303	38.267	-15.911	64.213	10.035	QP
6			0.186	27.387	17.352	-26.826	54.213	10.035	AV
7			0.198	46.963	36.948	-16.731	63.694	10.015	QP
8			0.198	27.792	17.777	-25.902	53.694	10.015	AV
9			0.494	39.328	29.149	-16.772	56.100	10.178	QP
10			0.494	31.799	21.620	-14.302	46.100	10.178	AV
11			9.394	36.061	25.893	-23.939	60.000	10.168	QP
12			9.394	30.029	19.861	-19.971	50.000	10.168	AV

Note: Measure Level (dBuV) = Reading Level (dBuV) + 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 **Cloud Client Box FCC ID:**

H8N-WHD0100 is in compliance with Part 15C of the FCC Rules.

The End