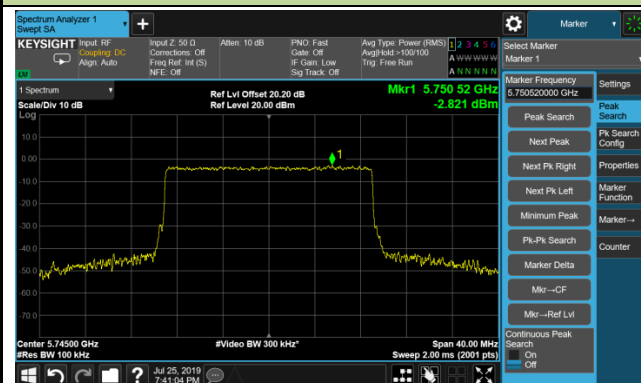
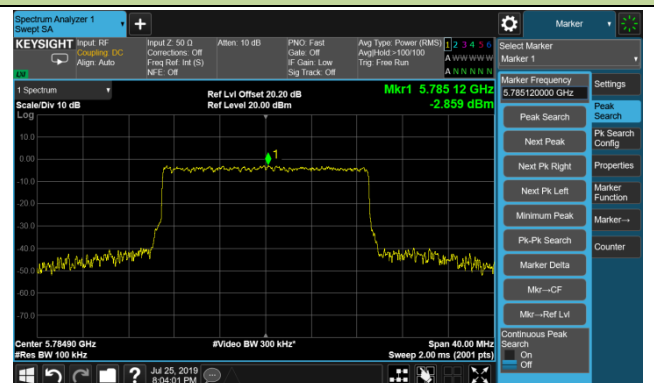


Power Spectral Density - ANT M / ANT M + D(64QAM)

Channel 149 (5745.0MHz)



Channel 157 (5784.9MHz)



Channel 165 (5825.1MHz)



Power Spectral Density - ANT M / ANT M + D(256QAM)

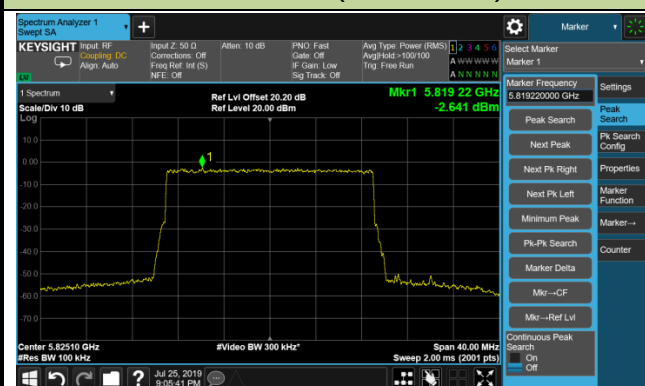
Channel 149 (5745.0MHz)



Channel 157 (5784.9MHz)

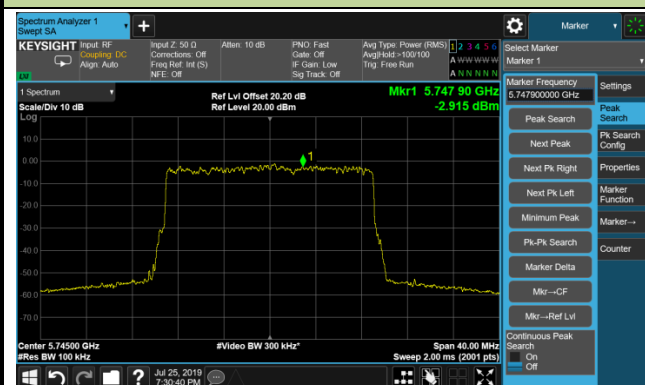


Channel 165 (5825.1MHz)

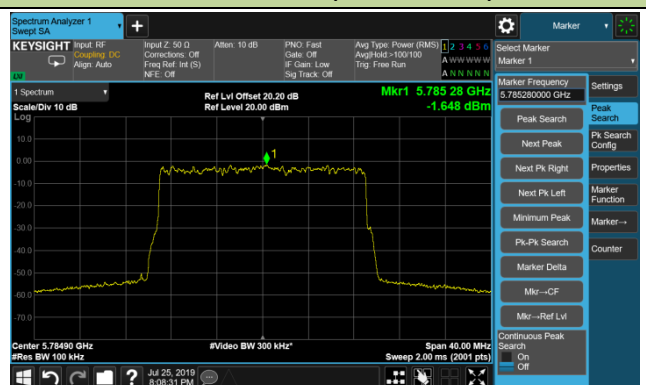


Power Spectral Density - ANT D / ANT M + D(QPSK)

Channel 149 (5745.0MHz)



Channel 157 (5784.9MHz)



Channel 165 (5825.1MHz)

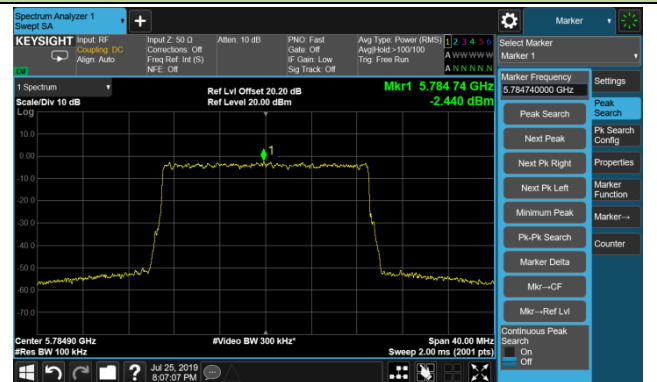


Power Spectral Density - ANT D / ANT M + D(16QAM)

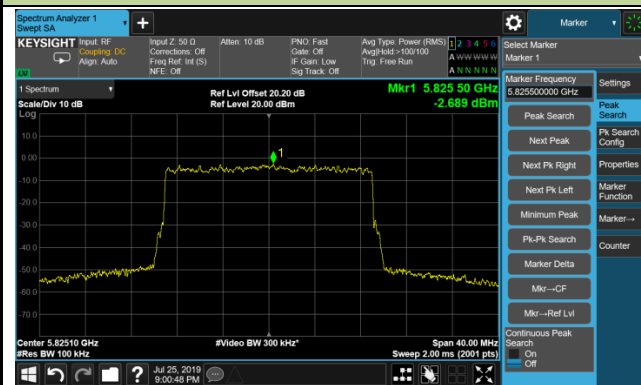
Channel 149 (5745.0MHz)



Channel 157 (5784.9MHz)



Channel 165 (5825.1MHz)

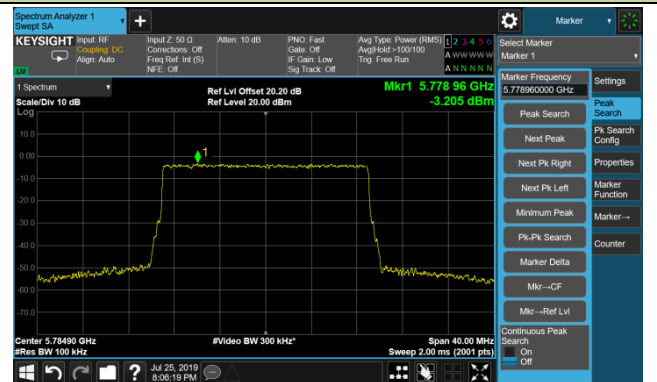


Power Spectral Density - ANT D / ANT M + D(64QAM)

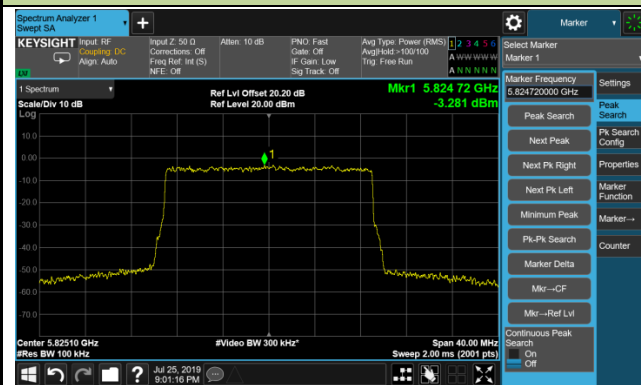
Channel 149 (5745.0MHz)



Channel 157 (5784.9MHz)



Channel 165 (5825.1MHz)

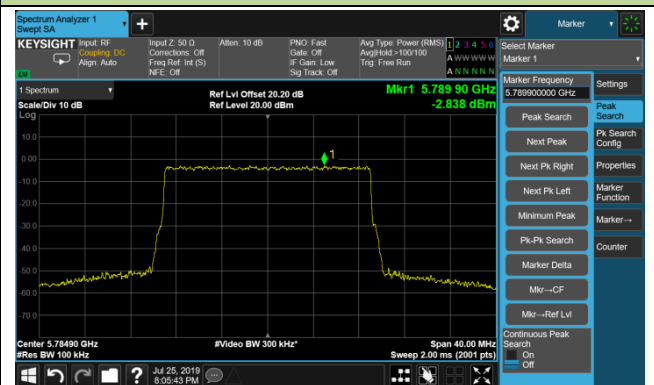


Power Spectral Density - ANT D / ANT M + D(256QAM)

Channel 149 (5745.0MHz)



Channel 157 (5784.9MHz)



Channel 165 (5825.1MHz)



7.7. Frequency Stability Measurement

7.7.1. Test Limit

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

7.7.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

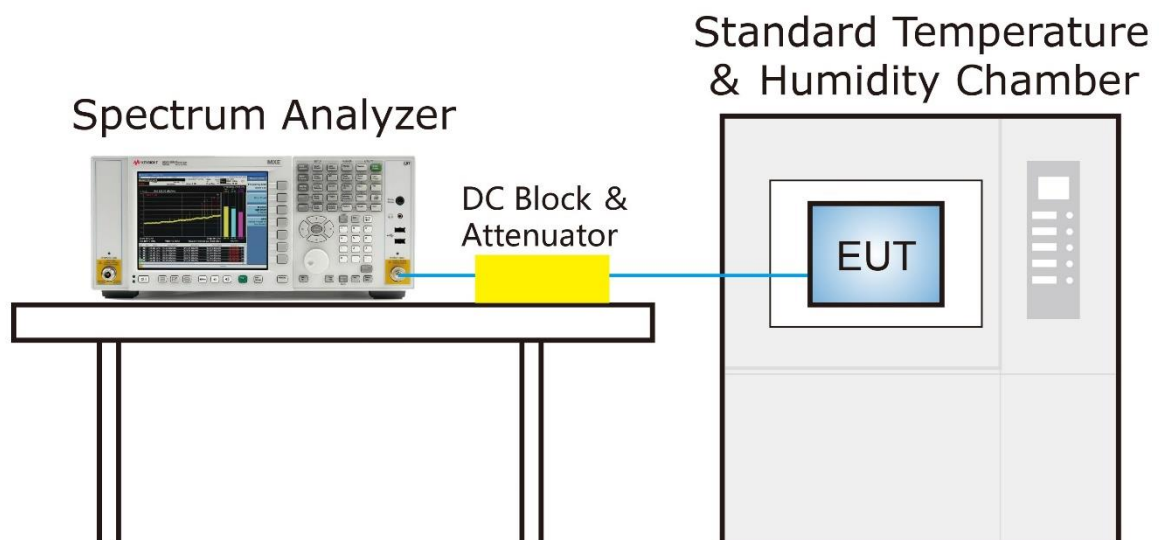
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ($\pm 15\%$) and endpoint, record the maximum frequency change.

7.7.3. Test Setup



7.7.4. Test Result

Product	Flexi Zone Unlicensed LTE	Temperature	-30 ~ 50°C
Test Engineer	Peter Xu	Relative Humidity	46 ~ 55%RH
Test Site	SR2	Test Time	2019/07/03
Test Mode	5784.9MHz (Carrier Mode)		

Voltage (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
		0 minutes	2 minutes	5 minutes	10 minutes
120	- 30	-1.37	-1.02	1.68	0.70
	- 20	-1.33	-1.71	1.58	-1.43
	- 10	-1.09	-1.75	0.96	1.44
	0	-1.13	-1.62	-1.40	-0.84
	+ 10	-1.10	-0.98	-0.85	1.69
	+ 20 (Ref)	-1.29	0.18	0.93	-1.18
	+ 30	-1.39	1.05	-1.17	-0.93
	+ 40	-0.99	-1.23	-1.34	-1.00
	+ 50	-1.15	-1.45	1.42	-0.94
138	+ 20	-1.23	-0.87	-1.55	-1.11
102	+ 20	-0.97	-0.83	0.65	0.84

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} *10⁶.

7.8. Radiated Spurious Emission Measurement

7.8.1. Test Limit

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/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

7.8.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.8.3. Test Setting

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

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as specified in Table 1
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Peak Measurements above 1GHz

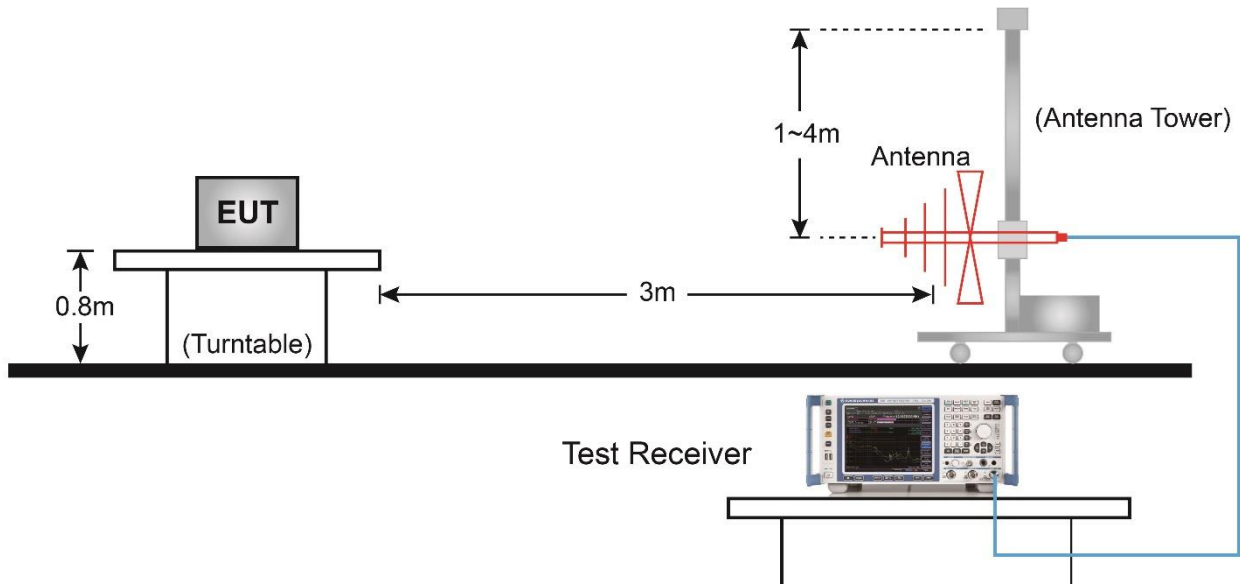
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

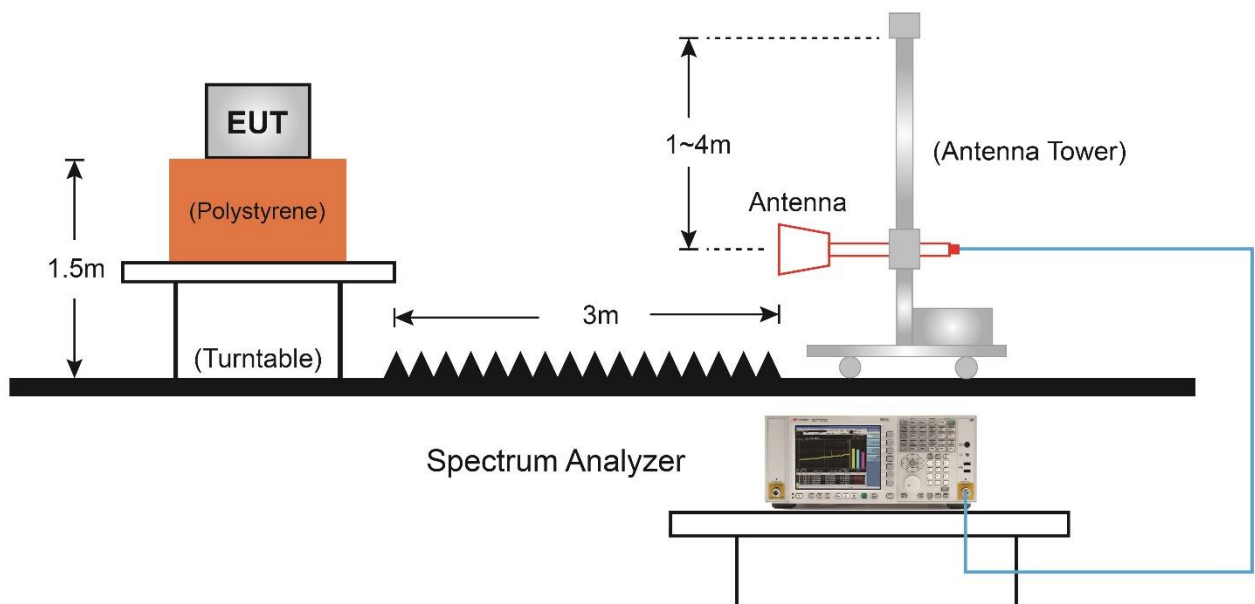
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.8.4.Test Setup

30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



7.8.5. Test Result

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	QPSK (Omni Antenna)	Test Channel	149
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
	11055.5	33.2	19.1	52.3	74.0	-21.7	Peak	Horizontal
	12177.5	33.7	18.6	52.3	74.0	-21.7	Peak	Horizontal
*	14719.0	33.6	21.8	55.4	68.2	-12.8	Peak	Horizontal
*	17226.5	38.3	27.7	66.0	68.2	-2.2	Peak	Horizontal
	8335.5	34.4	13.1	47.5	74.0	-26.5	Peak	Vertical
	10970.5	34.8	19.0	53.8	74.0	-20.2	Peak	Vertical
*	13631.0	33.2	21.3	54.5	68.2	-13.7	Peak	Vertical
*	17243.5	35.7	27.8	63.5	68.2	-4.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	QPSK (Omni Antenna)	Test Channel	157
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
	10817.5	33.9	18.7	52.6	74.0	-21.4	Peak	Horizontal
	11531.5	33.2	19.2	52.4	74.0	-21.6	Peak	Horizontal
*	13903.0	32.9	21.9	54.8	68.2	-13.4	Peak	Horizontal
*	17345.5	37.5	28.7	66.2	68.2	-2.0	Peak	Horizontal
	10953.5	33.2	19.0	52.2	74.0	-21.8	Peak	Vertical
	11990.5	32.9	18.8	51.7	74.0	-22.3	Peak	Vertical
*	14132.5	31.9	22.1	54.0	68.2	-14.2	Peak	Vertical
*	17354.0	32.3	28.7	61.0	68.2	-7.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	25°C
Test Engineer	Peter Xu	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/07/27
Modulation Type	QPSK (Omni Antenna)	Test Channel	165
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
	8216.5	35.3	13.0	48.3	74.0	-25.7	Peak	Horizontal
	9058.0	33.9	14.4	48.3	74.0	-25.7	Peak	Horizontal
*	9840.0	35.4	15.4	50.8	68.2	-17.4	Peak	Horizontal
*	17362.5	29.2	28.8	58.0	68.2	-10.2	Peak	Horizontal
	8208.0	35.6	13.0	48.6	74.0	-25.4	Peak	Vertical
	9389.5	36.1	14.6	50.7	74.0	-23.3	Peak	Vertical
*	12976.5	33.4	19.4	52.8	68.2	-15.4	Peak	Vertical
*	17473.0	35.4	29.7	65.1	68.2	-3.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	16QAM (Omni Antenna)	Test Channel	149
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
	10843.0	34.0	18.7	52.7	74.0	-21.3	Peak	Horizontal
	11591.0	33.2	19.2	52.4	74.0	-21.6	Peak	Horizontal
*	14889.0	33.1	21.6	54.7	68.2	-13.5	Peak	Horizontal
*	17235.0	38.2	27.8	66.0	68.2	-2.2	Peak	Horizontal
	8327.0	34.6	13.1	47.7	74.0	-26.3	Peak	Vertical
	10885.5	33.7	18.8	52.5	74.0	-21.5	Peak	Vertical
*	13682.0	32.8	21.4	54.2	68.2	-14.0	Peak	Vertical
*	17235.0	34.7	27.8	62.5	68.2	-5.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	16QAM (Omni Antenna)	Test Channel	157
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
	8140.0	34.1	13.0	47.1	74.0	-26.9	Peak	Horizontal
	11072.5	34.8	19.1	53.9	74.0	-20.1	Peak	Horizontal
*	14183.5	34.1	22.1	56.2	68.2	-12.0	Peak	Horizontal
*	17354.0	37.8	28.7	66.5	68.2	-1.7	Peak	Horizontal
	10962.0	34.3	19.0	53.3	74.0	-20.7	Peak	Vertical
	12305.0	33.0	18.5	51.5	74.0	-22.5	Peak	Vertical
*	14115.5	33.0	22.1	55.1	68.2	-13.1	Peak	Vertical
*	17354.0	32.9	28.7	61.6	68.2	-6.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	16QAM (Omni Antenna)	Test Channel	165
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
	11021.5	34.0	19.1	53.1	74.0	-20.9	Peak	Horizontal
	12220.0	33.5	18.6	52.1	74.0	-21.9	Peak	Horizontal
*	14906.0	34.3	21.5	55.8	68.2	-12.4	Peak	Horizontal
*	17481.5	35.7	29.8	65.5	68.2	-2.7	Peak	Horizontal
	10800.5	34.0	18.6	52.6	74.0	-21.4	Peak	Vertical
	11523.0	34.6	19.2	53.8	74.0	-20.2	Peak	Vertical
*	13920.0	33.0	21.9	54.9	68.2	-13.3	Peak	Vertical
*	14787.0	34.3	21.7	56.0	68.2	-12.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	64QAM (Omni Antenna)	Test Channel	149
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
	10902.5	34.1	18.9	53.0	74.0	-21.0	Peak	Horizontal
	11489.0	33.6	19.2	52.8	74.0	-21.2	Peak	Horizontal
*	13928.5	32.0	22.0	54.0	68.2	-14.2	Peak	Horizontal
*	17243.5	39.8	27.8	67.6	68.2	-0.6	Peak	Horizontal
	10809.0	32.6	18.7	51.3	74.0	-22.7	Peak	Vertical
	11489.0	33.1	19.2	52.3	74.0	-21.7	Peak	Vertical
*	13852.0	32.9	21.8	54.7	68.2	-13.5	Peak	Vertical
*	17243.5	34.9	27.8	62.7	68.2	-5.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	64QAM (Omni Antenna)	Test Channel	157
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
	10826.0	34.3	18.7	53.0	74.0	-21.0	Peak	Horizontal
	11472.0	34.2	19.2	53.4	74.0	-20.6	Peak	Horizontal
*	14294.0	33.7	22.1	55.8	68.2	-12.4	Peak	Horizontal
*	17371.0	35.9	28.9	64.8	68.2	-3.4	Peak	Horizontal
	11115.0	33.1	19.1	52.2	74.0	-21.8	Peak	Vertical
	12237.0	33.1	18.6	51.7	74.0	-22.3	Peak	Vertical
*	14914.5	34.1	21.5	55.6	68.2	-12.6	Peak	Vertical
*	17354.0	31.7	28.7	60.4	68.2	-7.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	64QAM (Omni Antenna)	Test Channel	165
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
	10868.5	34.7	18.8	53.5	74.0	-20.5	Peak	Horizontal
	11939.5	33.7	18.9	52.6	74.0	-21.4	Peak	Horizontal
*	14149.5	33.0	22.1	55.1	68.2	-13.1	Peak	Horizontal
*	17473.0	34.0	29.7	63.7	68.2	-4.5	Peak	Horizontal
	8267.5	35.5	13.1	48.6	74.0	-25.4	Peak	Vertical
	10885.5	34.6	18.8	53.4	74.0	-20.6	Peak	Vertical
*	14090.0	34.3	22.1	56.4	68.2	-11.8	Peak	Vertical
*	17133.0	30.7	26.9	57.6	68.2	-10.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	256QAM (Omni Antenna)	Test Channel	149
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
	7562.0	35.2	12.7	47.9	74.0	-26.1	Peak	Horizontal
	8216.5	34.9	13.0	47.9	74.0	-26.1	Peak	Horizontal
*	10044.0	35.4	16.0	51.4	68.2	-16.8	Peak	Horizontal
*	17235.0	34.5	27.8	62.3	68.2	-5.9	Peak	Horizontal
	11072.5	34.6	19.1	53.7	74.0	-20.3	Peak	Vertical
	12186.0	33.1	18.6	51.7	74.0	-22.3	Peak	Vertical
*	14022.0	32.8	22.1	54.9	68.2	-13.3	Peak	Vertical
*	17235.0	36.9	27.8	64.7	68.2	-3.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	256QAM (Omni Antenna)	Test Channel	157
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
	10894.0	34.0	18.8	52.8	74.0	-21.2	Peak	Horizontal
	11693.0	33.7	19.1	52.8	74.0	-21.2	Peak	Horizontal
*	13894.5	33.9	21.9	55.8	68.2	-12.4	Peak	Horizontal
*	17362.5	34.4	28.8	63.2	68.2	-5.0	Peak	Horizontal
	10885.5	33.9	18.8	52.7	74.0	-21.3	Peak	Vertical
	11582.5	33.5	19.2	52.7	74.0	-21.3	Peak	Vertical
*	14659.5	34.6	21.9	56.5	68.2	-11.7	Peak	Vertical
*	17362.5	31.8	28.8	60.6	68.2	-7.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	256QAM (Omni Antenna)	Test Channel	165
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
	10707.0	34.4	18.4	52.8	74.0	-21.2	Peak	Horizontal
	12067.0	33.8	18.8	52.6	74.0	-21.4	Peak	Horizontal
*	14200.5	32.5	22.1	54.6	68.2	-13.6	Peak	Horizontal
*	17464.5	34.7	29.6	64.3	68.2	-3.9	Peak	Horizontal
	10877.0	34.1	18.8	52.9	74.0	-21.1	Peak	Vertical
	12169.0	33.8	18.6	52.4	74.0	-21.6	Peak	Vertical
*	14226.0	33.7	22.1	55.8	68.2	-12.4	Peak	Vertical
*	17481.5	30.8	29.8	60.6	68.2	-7.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	QPSK (Directional Antenna)	Test Channel	149
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
	10877.0	33.5	18.8	52.3	74.0	-21.7	Peak	Horizontal
	11591.0	33.4	19.2	52.6	74.0	-21.4	Peak	Horizontal
*	15059.0	32.5	21.5	54.0	68.2	-14.2	Peak	Horizontal
*	17252.0	29.0	27.9	56.9	68.2	-11.3	Peak	Horizontal
	10970.5	32.5	19.0	51.5	74.0	-22.5	Peak	Vertical
	12177.5	33.8	18.6	52.4	74.0	-21.6	Peak	Vertical
*	14226.0	33.6	22.1	55.7	68.2	-12.5	Peak	Vertical
*	17243.5	31.4	27.8	59.2	68.2	-9.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	QPSK (Directional Antenna)	Test Channel	157
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
	10775.0	32.7	18.6	51.3	74.0	-22.7	Peak	Horizontal
	11633.5	32.1	19.1	51.2	74.0	-22.8	Peak	Horizontal
*	13886.0	32.4	21.9	54.3	68.2	-13.9	Peak	Horizontal
*	14753.0	34.0	21.8	55.8	68.2	-12.4	Peak	Horizontal
	11344.5	32.8	19.2	52.0	74.0	-22.0	Peak	Vertical
	12279.5	33.2	18.5	51.7	74.0	-22.3	Peak	Vertical
*	14243.0	33.7	22.1	55.8	68.2	-12.4	Peak	Vertical
*	17354.0	32.6	28.7	61.3	68.2	-6.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	QPSK (Directional Antenna)	Test Channel	165
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
	11089.5	34.5	19.1	53.6	74.0	-20.4	Peak	Horizontal
	12160.5	34.6	18.7	53.3	74.0	-20.7	Peak	Horizontal
*	14132.5	33.0	22.1	55.1	68.2	-13.1	Peak	Horizontal
*	16920.5	30.2	25.2	55.4	68.2	-12.8	Peak	Horizontal
	11089.5	34.5	19.1	53.6	74.0	-20.4	Peak	Vertical
	12160.5	34.6	18.7	53.3	74.0	-20.7	Peak	Vertical
*	13818.0	32.2	21.7	53.9	68.2	-14.3	Peak	Vertical
*	14889.0	34.8	21.6	56.4	68.2	-11.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	16QAM (Directional Antenna)	Test Channel	149
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
	11183.0	34.1	19.1	53.2	74.0	-20.8	Peak	Horizontal
	12390.0	33.8	18.4	52.2	74.0	-21.8	Peak	Horizontal
*	13758.5	33.1	21.6	54.7	68.2	-13.5	Peak	Horizontal
*	14982.5	33.4	21.4	54.8	68.2	-13.4	Peak	Horizontal
	11115.0	32.6	19.1	51.7	74.0	-22.3	Peak	Vertical
	11914.0	32.8	18.9	51.7	74.0	-22.3	Peak	Vertical
*	14872.0	32.6	21.6	54.2	68.2	-14.0	Peak	Vertical
*	17252.0	30.6	27.9	58.5	68.2	-9.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	16QAM (Directional Antenna)	Test Channel	157
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
	10894.0	34.4	18.8	53.2	74.0	-20.8	Peak	Horizontal
	12177.5	33.1	18.6	51.7	74.0	-22.3	Peak	Horizontal
*	13639.5	33.7	21.4	55.1	68.2	-13.1	Peak	Horizontal
*	14744.5	35.2	21.8	57.0	68.2	-11.2	Peak	Horizontal
	10877.0	34.4	18.8	53.2	74.0	-20.8	Peak	Vertical
	12101.0	33.1	18.7	51.8	74.0	-22.2	Peak	Vertical
*	14829.5	33.5	21.7	55.2	68.2	-13.0	Peak	Vertical
*	17354.0	31.2	28.7	59.9	68.2	-8.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	16QAM (Directional Antenna)	Test Channel	165
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
	10970.5	32.1	19.0	51.1	74.0	-22.9	Peak	Horizontal
	12237.0	33.0	18.6	51.6	74.0	-22.4	Peak	Horizontal
*	13852.0	32.1	21.8	53.9	68.2	-14.3	Peak	Horizontal
*	17073.5	29.7	26.4	56.1	68.2	-12.1	Peak	Horizontal
	10877.0	34.5	18.8	53.3	74.0	-20.7	Peak	Vertical
	12526.0	34.2	18.4	52.6	74.0	-21.4	Peak	Vertical
*	13886.0	33.2	21.9	55.1	68.2	-13.1	Peak	Vertical
*	14719.0	34.2	21.8	56.0	68.2	-12.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	64QAM (Directional Antenna)	Test Channel	149
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
	11081.0	33.0	19.1	52.1	74.0	-21.9	Peak	Horizontal
	12288.0	33.2	18.5	51.7	74.0	-22.3	Peak	Horizontal
*	13903.0	31.8	21.9	53.7	68.2	-14.5	Peak	Horizontal
*	14829.5	33.6	21.7	55.3	68.2	-12.9	Peak	Horizontal
	11302.0	32.8	19.2	52.0	74.0	-22.0	Peak	Vertical
	12220.0	33.7	18.6	52.3	74.0	-21.7	Peak	Vertical
*	14719.0	34.7	21.8	56.5	68.2	-11.7	Peak	Vertical
*	17243.5	31.6	27.8	59.4	68.2	-8.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	64QAM (Directional Antenna)	Test Channel	157
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
	10843.0	34.2	18.7	52.9	74.0	-21.1	Peak	Horizontal
	11591.0	33.6	19.2	52.8	74.0	-21.2	Peak	Horizontal
*	13750.0	33.3	21.6	54.9	68.2	-13.3	Peak	Horizontal
*	14829.5	33.8	21.7	55.5	68.2	-12.7	Peak	Horizontal
	10911.0	34.2	18.9	53.1	74.0	-20.9	Peak	Vertical
	12424.0	33.7	18.4	52.1	74.0	-21.9	Peak	Vertical
*	14829.5	33.8	21.7	55.5	68.2	-12.7	Peak	Vertical
*	17362.5	32.5	28.8	61.3	68.2	-6.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	64QAM (Directional Antenna)	Test Channel	165
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
	10758.0	33.1	18.5	51.6	74.0	-22.4	Peak	Horizontal
	12194.5	33.1	18.6	51.7	74.0	-22.3	Peak	Horizontal
*	13682.0	33.8	21.4	55.2	68.2	-13.0	Peak	Horizontal
*	15025.0	33.6	21.4	55.0	68.2	-13.2	Peak	Horizontal
	11013.0	33.2	19.1	52.3	74.0	-21.7	Peak	Vertical
	12245.5	33.9	18.6	52.5	74.0	-21.5	Peak	Vertical
*	14209.0	33.4	22.1	55.5	68.2	-12.7	Peak	Vertical
*	17320.0	28.4	28.5	56.9	68.2	-11.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	256QAM (Directional Antenna)	Test Channel	149
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
	11183.0	33.4	19.1	52.5	74.0	-21.5	Peak	Horizontal
	12186.0	32.6	18.6	51.2	74.0	-22.8	Peak	Horizontal
*	13784.0	32.3	21.7	54.0	68.2	-14.2	Peak	Horizontal
*	14676.5	34.3	21.9	56.2	68.2	-12.0	Peak	Horizontal
	11132.0	32.5	19.1	51.6	74.0	-22.4	Peak	Vertical
	12177.5	33.0	18.6	51.6	74.0	-22.4	Peak	Vertical
*	15008.0	33.2	21.4	54.6	68.2	-13.6	Peak	Vertical
*	17235.0	29.9	27.8	57.7	68.2	-10.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	256QAM (Directional Antenna)	Test Channel	157
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
	11327.5	33.1	19.2	52.3	74.0	-21.7	Peak	Horizontal
	11897.0	34.0	18.9	52.9	74.0	-21.1	Peak	Horizontal
*	14090.0	32.3	22.1	54.4	68.2	-13.8	Peak	Horizontal
*	17260.5	29.7	28.0	57.7	68.2	-10.5	Peak	Horizontal
	10817.5	35.1	18.7	53.8	74.0	-20.2	Peak	Vertical
	12228.5	32.8	18.6	51.4	74.0	-22.6	Peak	Vertical
*	14379.0	33.3	22.1	55.4	68.2	-12.8	Peak	Vertical
*	17345.5	30.6	28.7	59.3	68.2	-8.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	Flexi Zone Unlicensed LTE	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/07
Modulation Type	256QAM (Directional Antenna)	Test Channel	165
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
	11174.5	33.0	19.1	52.1	74.0	-21.9	Peak	Horizontal
	12228.5	32.6	18.6	51.2	74.0	-22.8	Peak	Horizontal
*	14923.0	31.5	21.5	53.0	68.2	-15.2	Peak	Horizontal
*	16869.5	30.4	24.8	55.2	68.2	-13.0	Peak	Horizontal
	11081.0	33.2	19.1	52.3	74.0	-21.7	Peak	Vertical
	11956.5	33.3	18.9	52.2	74.0	-21.8	Peak	Vertical
*	14158.0	33.0	22.1	55.1	68.2	-13.1	Peak	Vertical
*	15008.0	33.4	21.4	54.8	68.2	-13.4	Peak	Vertical

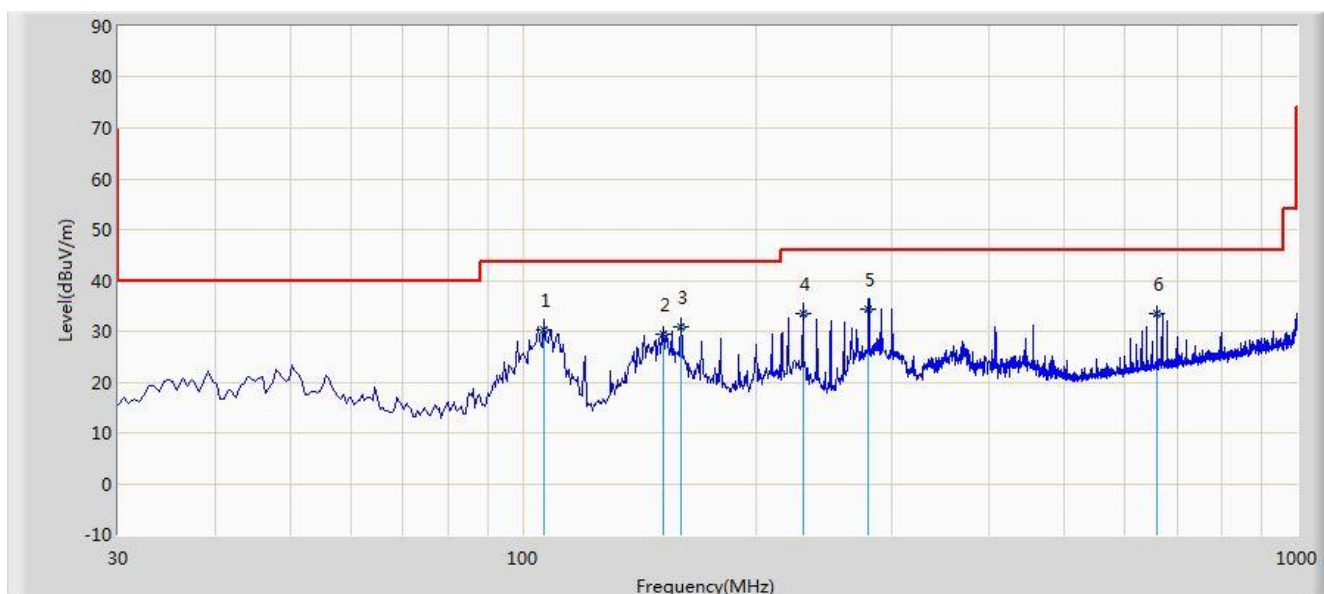
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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: 2019/07/15 - 21:08
Limit: FCC_Part15.209_RSE(3m)	Engineer: Peter Xu
Probe: VULB 9162 30MHz-8GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: There is the worst case within frequency range 30MHz~1GHz.	



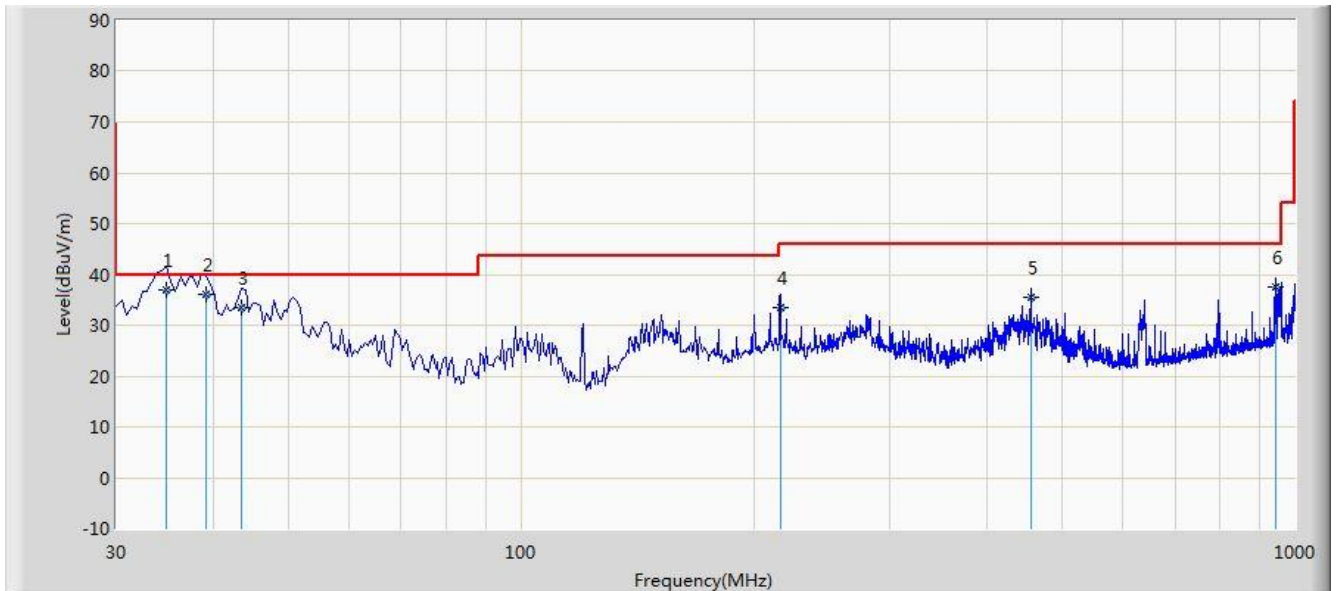
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			106.650	30.395	11.200	-13.105	43.500	19.195	QP
2			151.740	29.351	13.600	-14.149	43.500	15.752	QP
3			159.980	30.976	14.860	-12.524	43.500	16.116	QP
4			229.840	33.407	13.850	-12.593	46.000	19.557	QP
5		*	279.780	34.221	13.290	-11.779	46.000	20.931	QP
6			660.020	33.522	4.950	-12.478	46.000	28.572	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

Site: AC1	Time: 2019/07/15 - 21:08
Limit: FCC_Part15.209_RSE(3m)	Engineer: Peter Xu
Probe: VULB 9162 30MHz-8GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: There is the worst case within frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	34.850	37.006	18.120	-2.994	40.000	18.886	QP
2			39.220	36.193	15.720	-3.807	40.000	20.473	QP
3			43.580	33.463	12.030	-6.537	40.000	21.433	QP
4			216.250	33.417	14.380	-12.583	46.000	19.037	QP
5			455.820	35.518	10.850	-10.482	46.000	24.668	QP
6			943.260	37.481	5.860	-8.519	46.000	31.621	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

7.9. Radiated Restricted Band Edge Measurement

7.9.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41	--	--	--

For 15.407(b) requirement:

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17

dBm/MHz maximum emission limit.

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/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 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.9.3.Test Setting

Peak Measurements above 1GHz

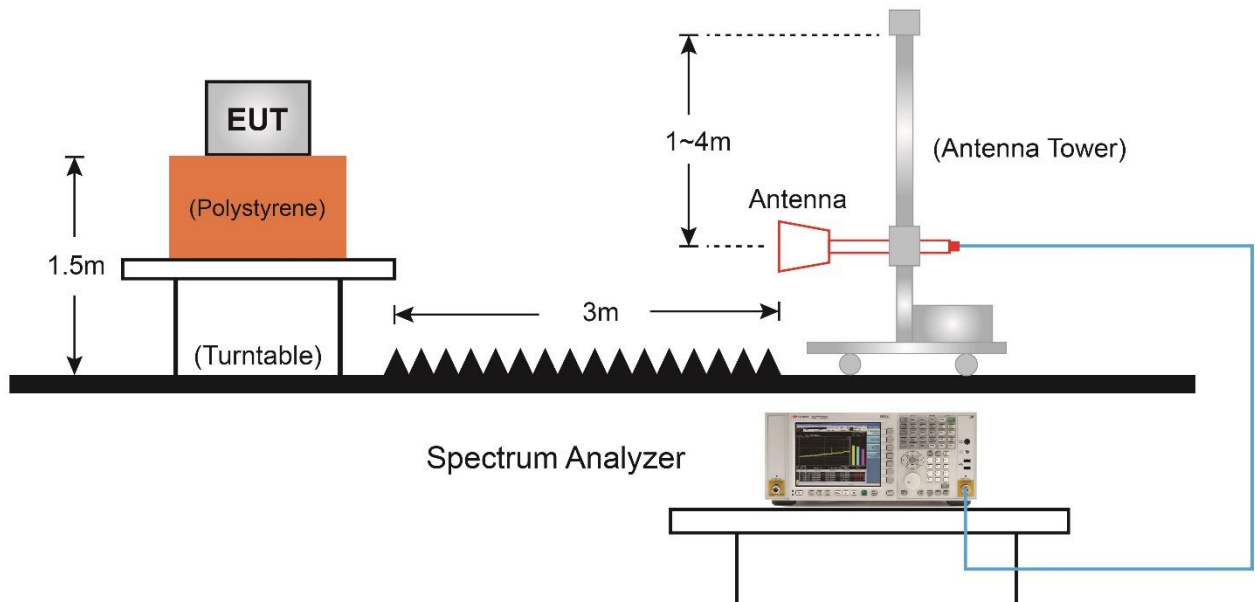
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW If the EUT is configured to transmit with duty cycle $\geq 98\%$, set $VBW \leq RBW/100$ (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$.
4. Detector = Peak
5. Sweep time = auto

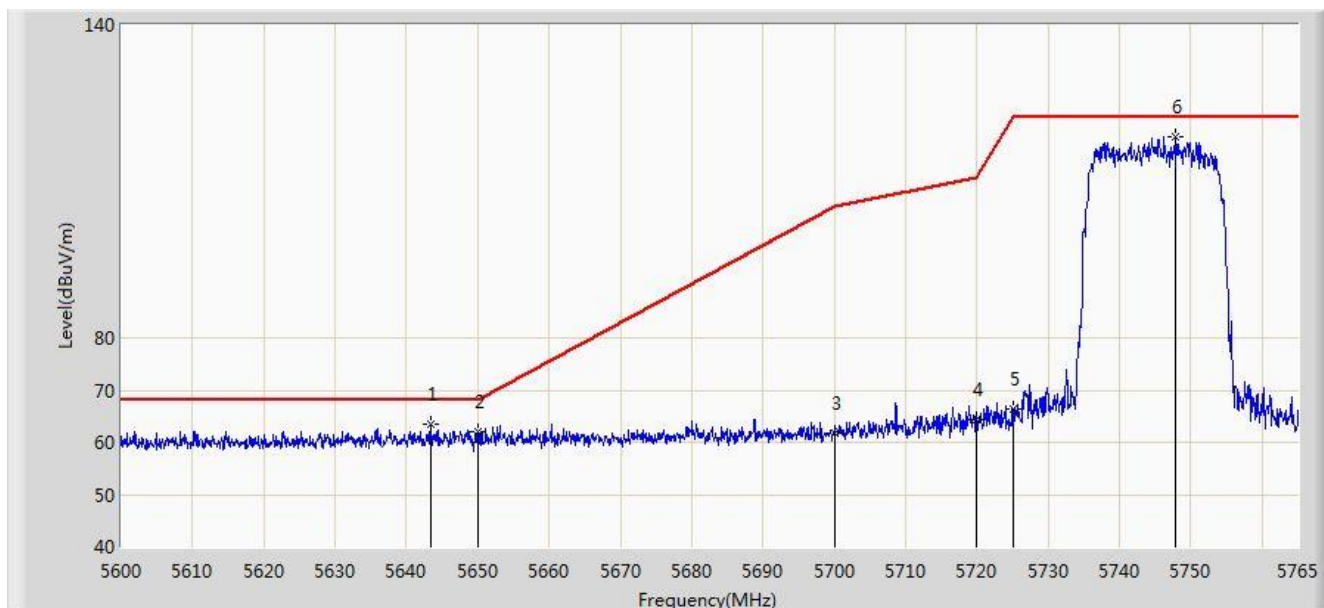
6. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of $1/x$, where x is the duty cycle.

7.9.4. Test Setup



7.9.5.Test Result

Site: AC1	Time: 2019/07/08 - 21:45
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Omni Antenna (QPSK)	

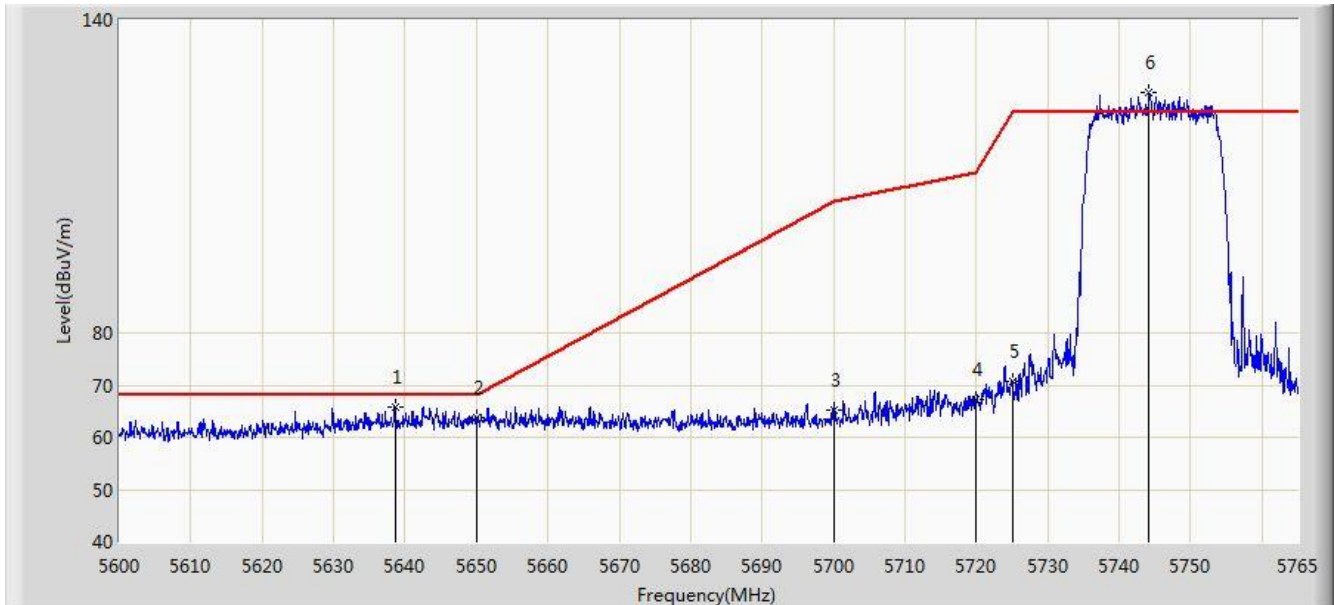


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5643.478	63.487	58.766	-4.713	68.200	4.721	PK
2		5650.000	61.918	57.172	-6.282	68.200	4.746	PK
3		5700.000	61.740	56.802	-43.460	105.200	4.938	PK
4		5720.000	64.384	59.369	-46.416	110.800	5.015	PK
5		5725.000	66.271	61.237	-55.929	122.200	5.034	PK
6	*	5747.840	118.512	113.391	N/A	N/A	5.122	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: 2019/07/08 - 21:42
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Omni Antenna (QPSK)	

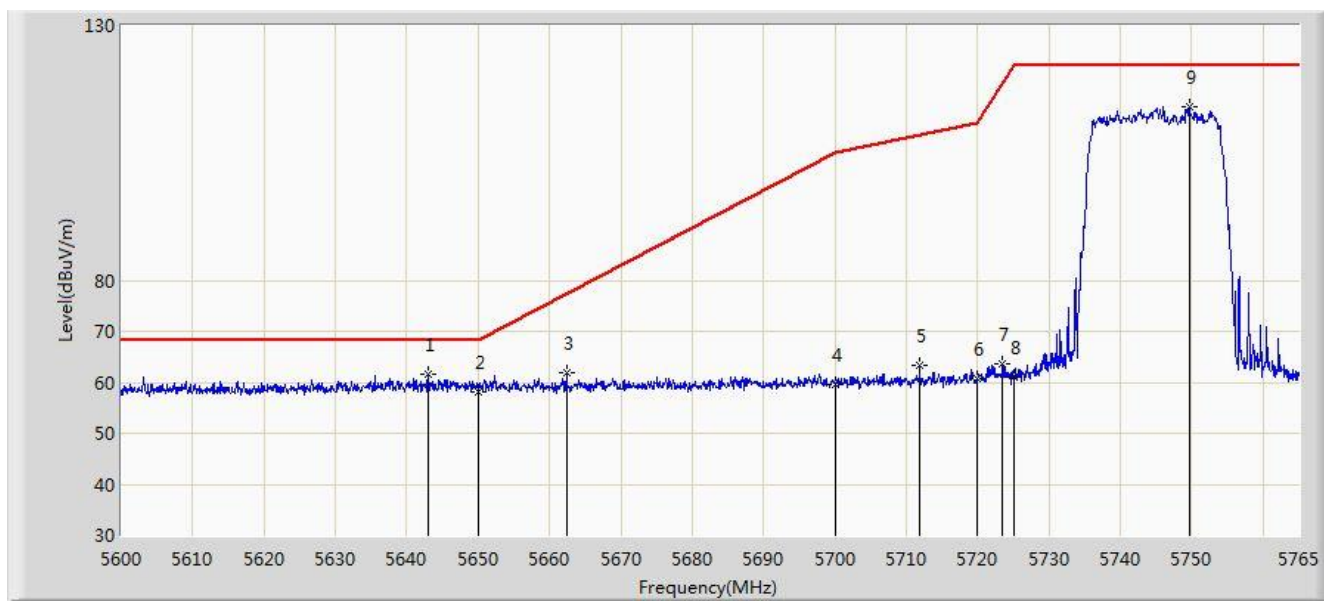


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5638.610	65.775	61.072	-2.425	68.200	4.703	PK
2		5650.000	63.736	58.990	-4.464	68.200	4.746	PK
3		5700.000	65.259	60.321	-39.941	105.200	4.938	PK
4		5720.000	67.187	62.172	-43.613	110.800	5.015	PK
5		5725.000	70.692	65.658	-51.508	122.200	5.034	PK
6	*	5744.210	125.980	120.873	N/A	N/A	5.107	PK

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

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

Site: AC1	Time: 2019/07/29 - 10:37
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Omni Antenna (16QAM)	

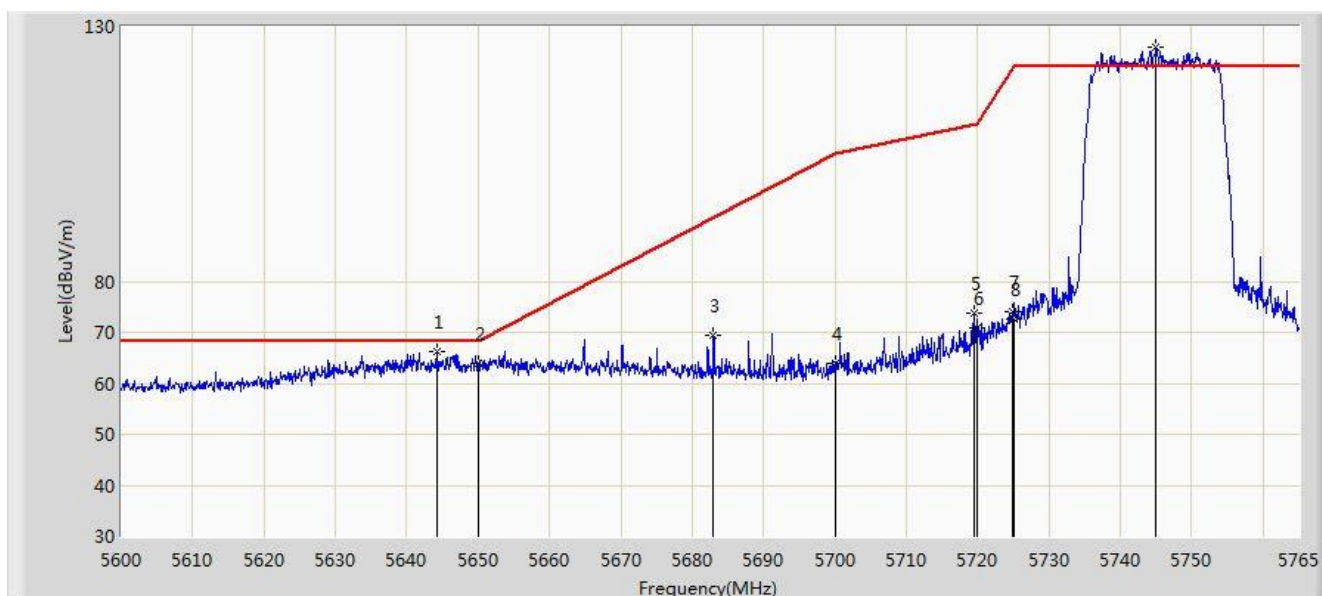


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	5642.982	61.499	56.780	-6.701	68.200	4.718	PK
2			5650.000	58.260	53.514	-9.940	68.200	4.746	PK
3			5662.370	61.789	56.995	-15.595	77.384	4.794	PK
4			5700.000	59.704	54.766	-45.496	105.200	4.938	PK
5			5711.870	63.264	58.281	-45.261	108.526	4.983	PK
6			5720.000	60.641	55.626	-50.159	110.800	5.015	PK
7			5723.502	63.536	58.508	-55.250	118.786	5.028	PK
8			5725.000	61.103	56.069	-61.097	122.200	5.034	PK
9			5749.655	114.025	108.897	N/A	N/A	5.128	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: 2019/07/29 - 10:43
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Omni Antenna (16QAM)	

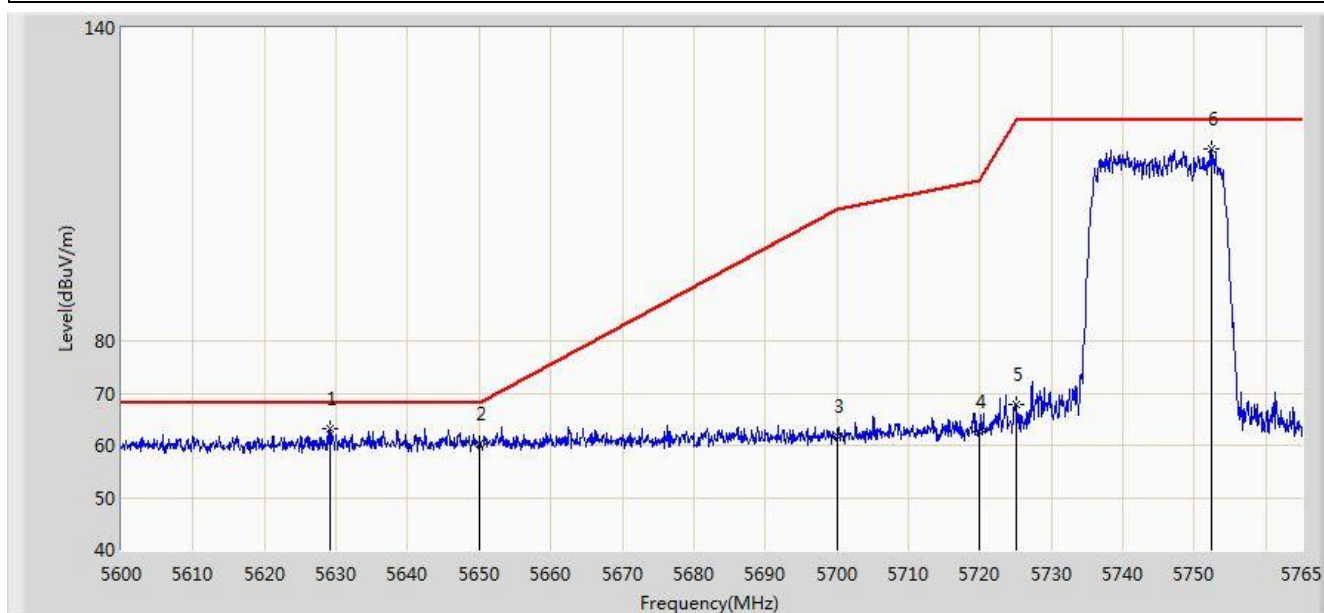


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			5644.220	66.200	61.476	-2.000	68.200	4.725	PK
2			5650.000	63.927	59.181	-4.273	68.200	4.746	PK
3			5682.995	69.513	64.640	-23.140	92.653	4.873	PK
4			5700.000	63.966	59.028	-41.234	105.200	4.938	PK
5			5719.460	73.672	68.659	-36.977	110.649	5.012	PK
6			5720.000	70.733	65.718	-40.067	110.800	5.015	PK
7			5724.905	73.986	68.953	-47.997	121.983	5.034	PK
8			5725.000	72.543	67.509	-49.657	122.200	5.034	PK
9		*	5744.953	125.890	120.780	N/A	N/A	5.110	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: 2019/07/08 - 21:54
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Omni Antenna (64QAM)	

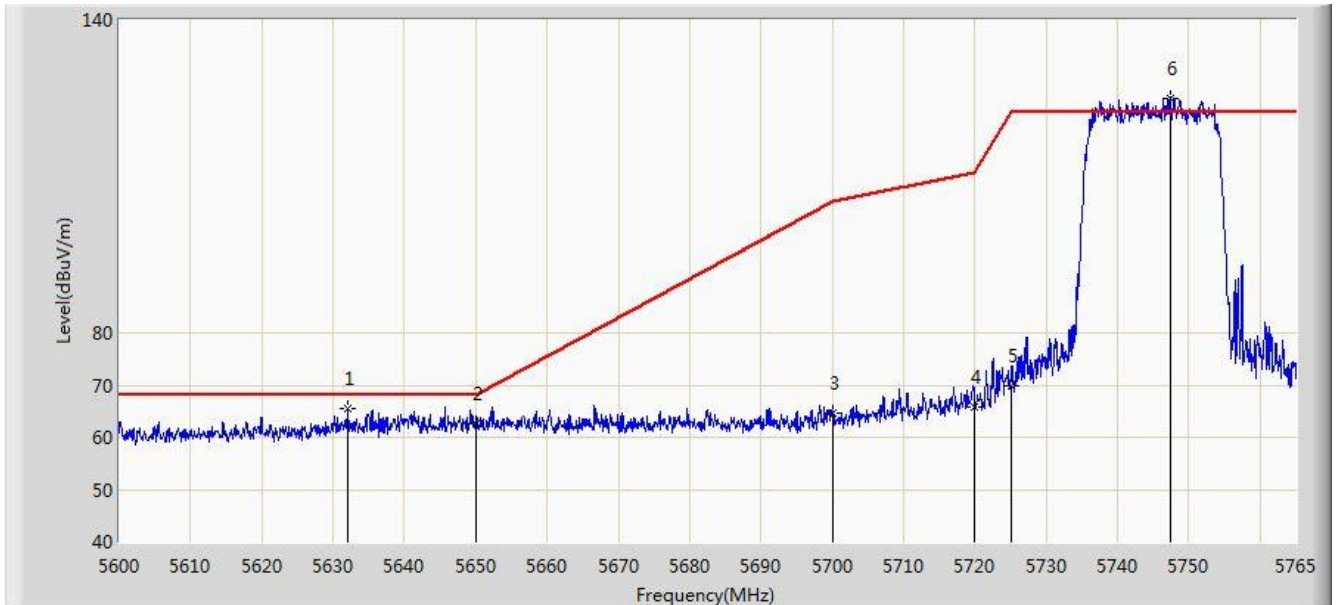


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5629.205	63.200	58.534	-5.000	68.200	4.666	PK
2		5650.000	60.241	55.495	-7.959	68.200	4.746	PK
3		5700.000	61.604	56.666	-43.596	105.200	4.938	PK
4		5720.000	62.717	57.702	-48.083	110.800	5.015	PK
5		5725.000	67.736	62.702	-54.464	122.200	5.034	PK
6		5752.295	116.824	111.686	N/A	N/A	5.139	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: 2019/07/08 - 21:52
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Omni Antenna (64QAM)	

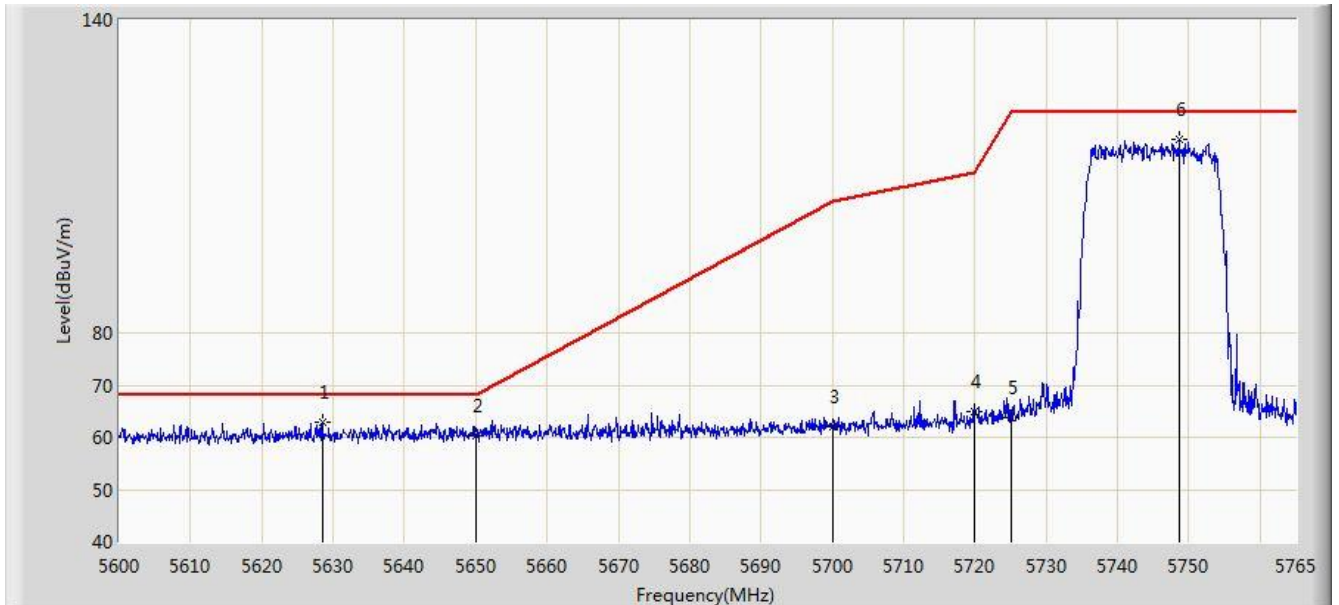


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5632.092	65.610	60.932	-2.590	68.200	4.678	PK
2		5650.000	62.716	57.970	-5.484	68.200	4.746	PK
3		5700.000	64.526	59.588	-40.674	105.200	4.938	PK
4		5720.000	65.908	60.893	-44.892	110.800	5.015	PK
5		5725.000	69.763	64.729	-52.437	122.200	5.034	PK
6	*	5747.345	125.069	119.950	N/A	N/A	5.119	PK

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

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

Site: AC1	Time: 2019/07/08 - 21:56
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Omni Antenna (256QAM)	

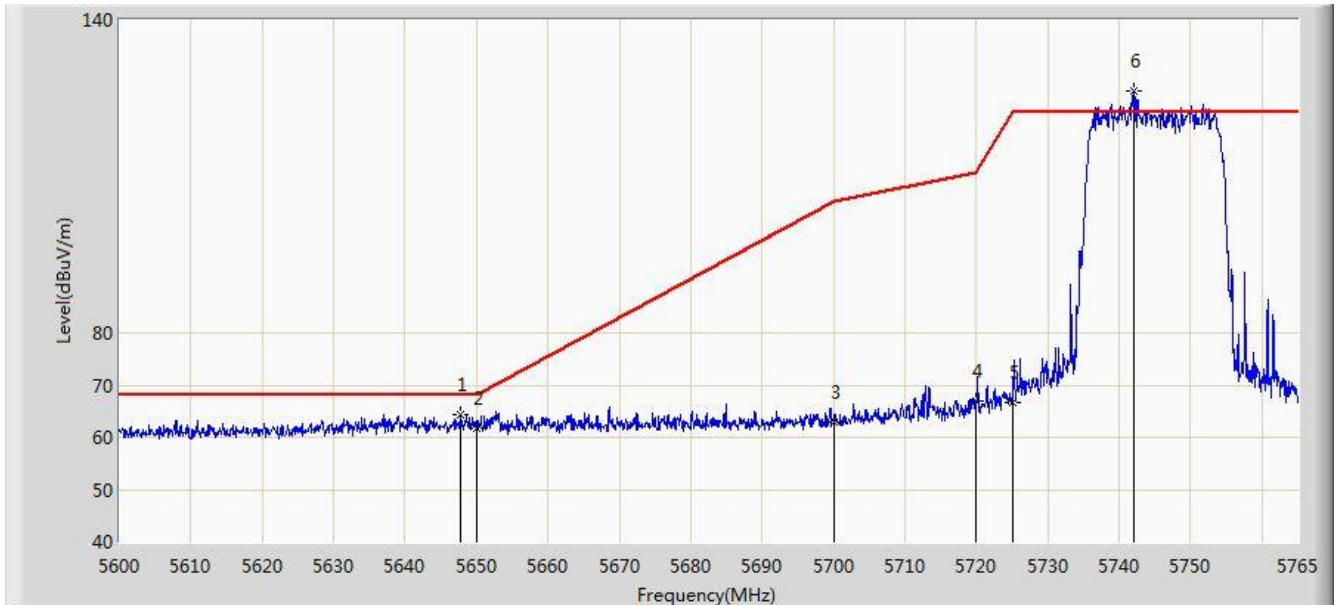


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5628.462	62.998	58.335	-5.202	68.200	4.663	PK
2		5650.000	60.203	55.457	-7.997	68.200	4.746	PK
3		5700.000	62.169	57.231	-43.031	105.200	4.938	PK
4		5720.000	64.801	59.786	-45.999	110.800	5.015	PK
5		5725.000	63.815	58.781	-58.385	122.200	5.034	PK
6		5748.665	116.974	111.849	N/A	N/A	5.125	PK

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

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

Site: AC1	Time: 2019/07/08 - 21:55
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Omni Antenna (256QAM)	

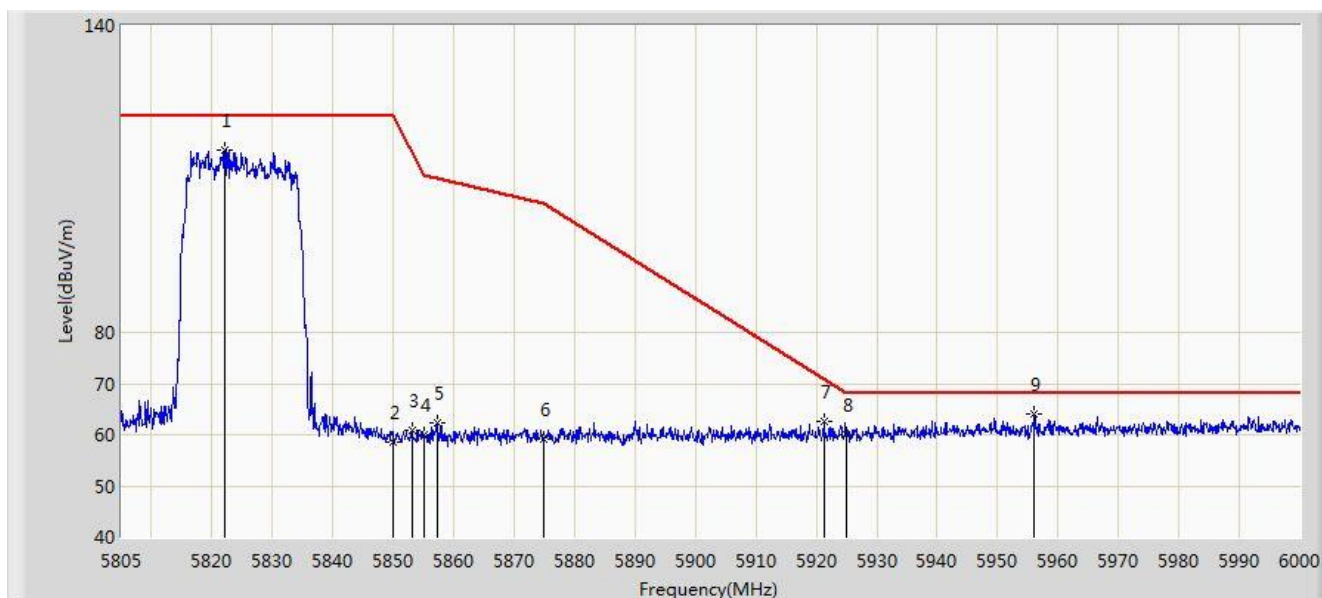


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5647.685	64.319	59.582	-3.881	68.200	4.737	PK
2		5650.000	61.829	57.083	-6.371	68.200	4.746	PK
3		5700.000	63.027	58.089	-42.173	105.200	4.938	PK
4		5720.000	66.996	61.981	-43.804	110.800	5.015	PK
5		5725.000	66.566	61.532	-55.634	122.200	5.034	PK
6	*	5742.147	126.242	121.142	N/A	N/A	5.099	PK

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

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

Site: AC1	Time: 2019/07/16 - 05:44
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Omni Antenna (QPSK)	

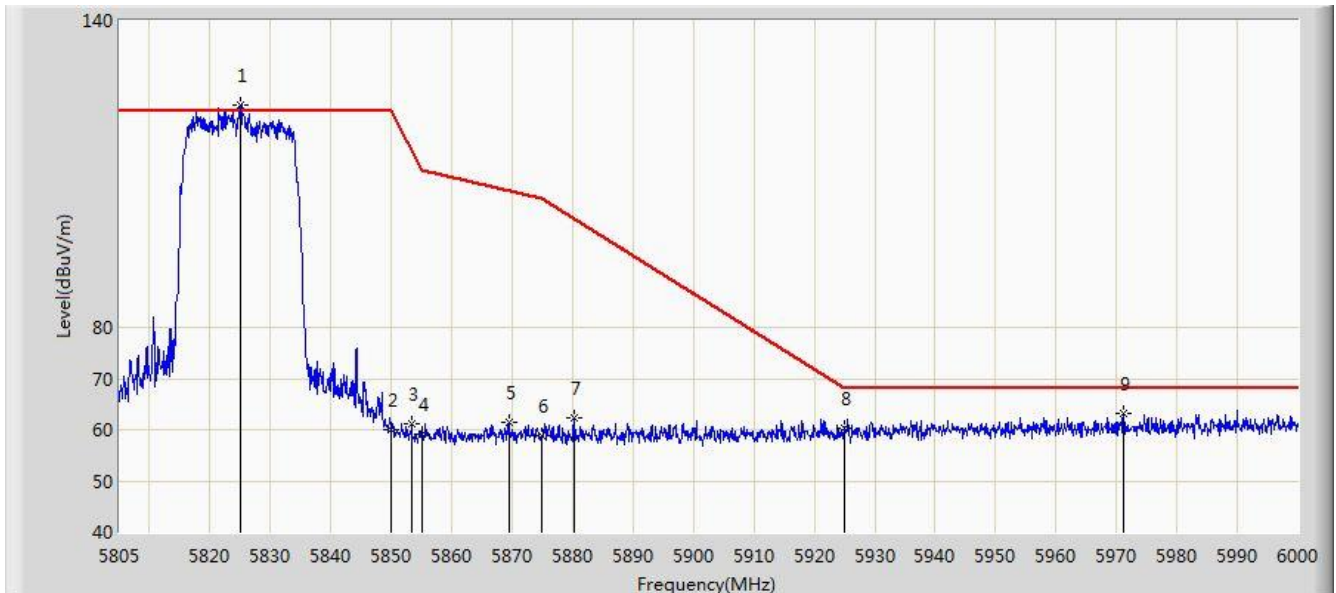


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5822.160	115.746	110.339	N/A	N/A	5.408	PK
2			5850.000	58.536	53.022	-63.664	122.200	5.514	PK
3			5853.067	60.765	55.239	-54.441	115.206	5.526	PK
4			5855.000	59.893	54.360	-50.907	110.800	5.533	PK
5			5857.260	62.278	56.736	-47.888	110.166	5.541	PK
6			5875.000	59.050	53.440	-46.150	105.200	5.610	PK
7			5921.220	62.566	56.779	-8.420	70.986	5.787	PK
8			5925.000	60.097	54.295	-8.103	68.200	5.802	PK
9		*	5956.125	63.939	58.017	-4.261	68.200	5.921	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: 2019/07/16 - 06:13
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Omni Antenna (QPSK)	

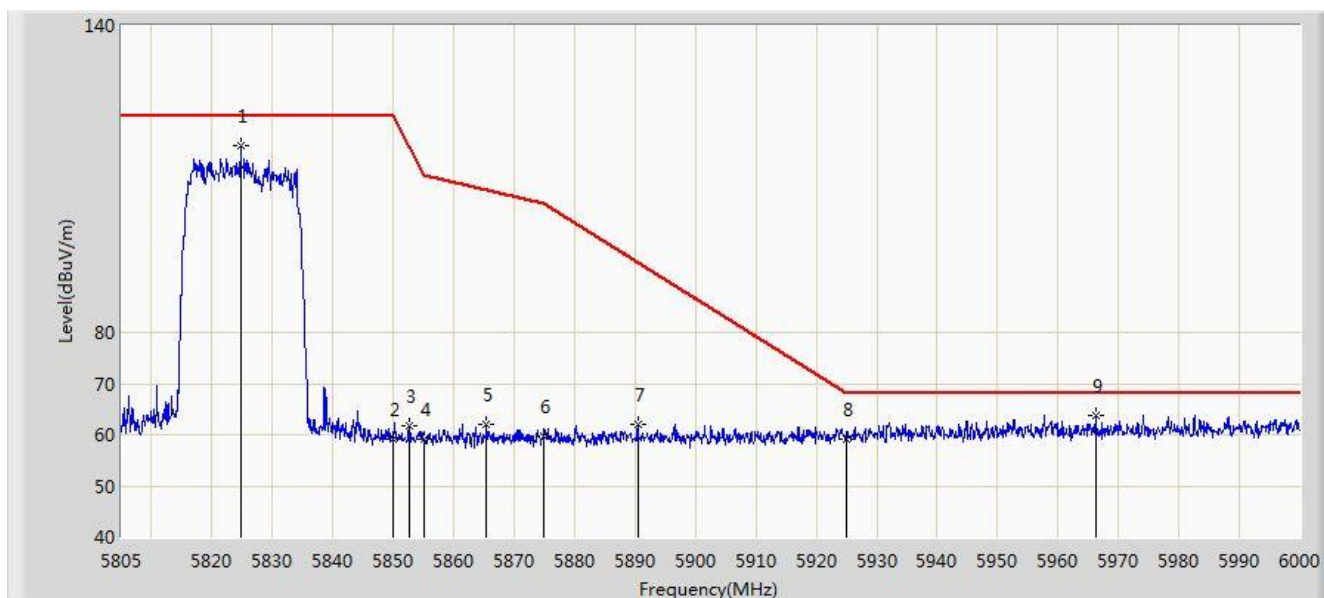


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5825.085	123.409	117.991	N/A	N/A	5.418	PK
2			5850.000	60.136	54.622	-62.064	122.200	5.514	PK
3			5853.360	61.274	55.747	-53.264	114.538	5.527	PK
4			5855.000	59.221	53.688	-51.579	110.800	5.533	PK
5			5869.447	61.460	55.871	-45.293	106.753	5.588	PK
6			5875.000	58.937	53.327	-46.263	105.200	5.610	PK
7			5880.270	62.443	56.813	-38.842	101.285	5.629	PK
8			5925.000	60.345	54.543	-7.855	68.200	5.802	PK
9			5971.140	63.240	57.261	-4.960	68.200	5.979	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: 2019/07/16 - 06:14
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Omni Antenna (16QAM)	

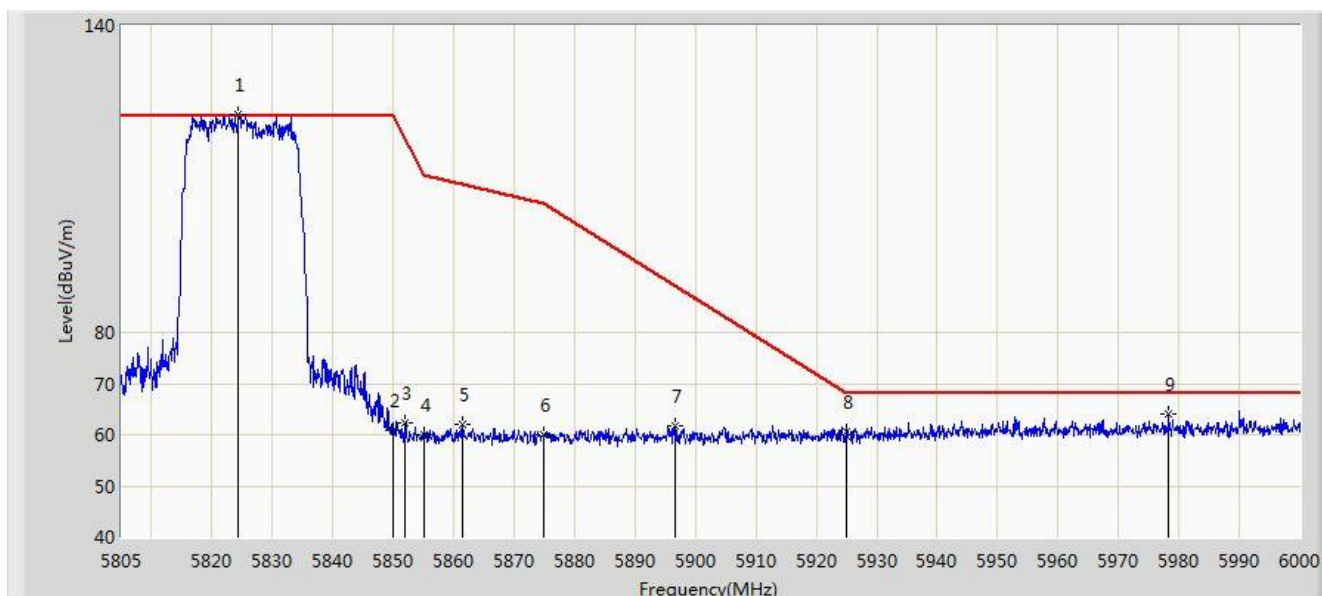


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5824.792	116.632	111.215	N/A	N/A	5.417	PK
2			5850.000	59.077	53.563	-63.123	122.200	5.514	PK
3			5852.580	61.682	56.158	-54.634	116.316	5.524	PK
4			5855.000	59.024	53.491	-51.776	110.800	5.533	PK
5			5865.353	62.076	56.503	-45.823	107.899	5.573	PK
6			5875.000	59.830	54.220	-45.370	105.200	5.610	PK
7			5890.410	62.003	56.334	-31.760	93.763	5.669	PK
8			5925.000	59.076	53.274	-9.124	68.200	5.802	PK
9		*	5966.265	63.820	57.859	-4.380	68.200	5.961	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: 2019/07/16 - 06:14
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Omni Antenna (16QAM)	

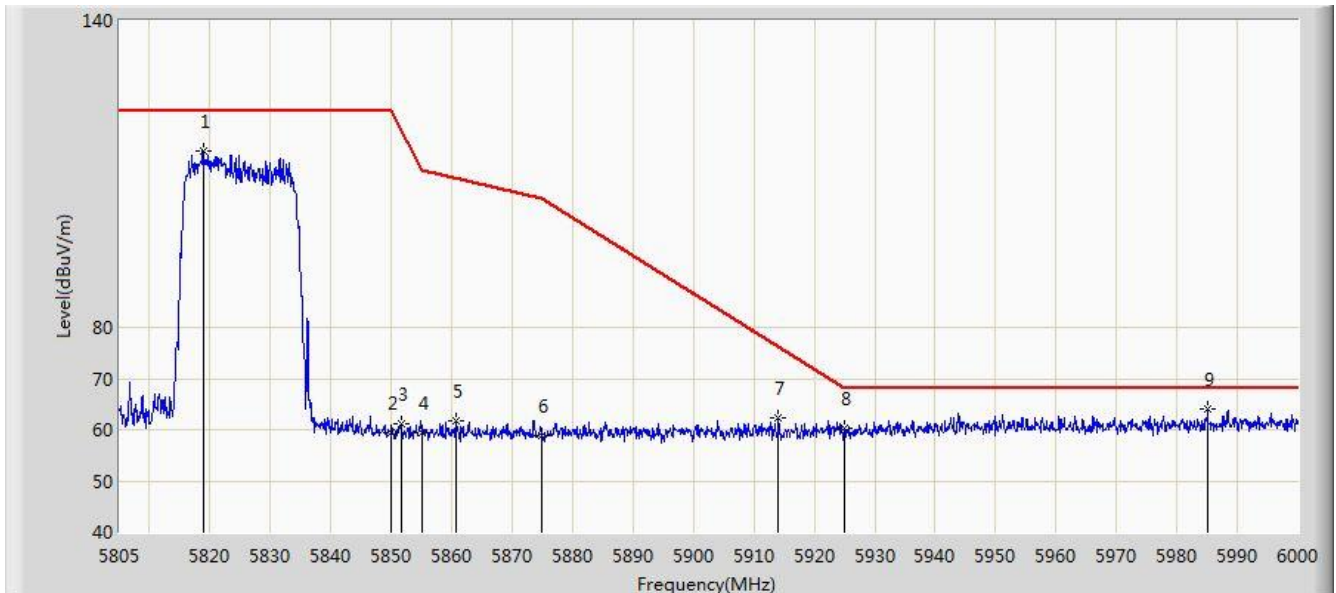


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5824.402	122.672	117.256	N/A	N/A	5.417	PK
2			5850.000	60.785	55.271	-61.415	122.200	5.514	PK
3			5851.995	62.344	56.822	-55.307	117.650	5.522	PK
4			5855.000	59.902	54.369	-50.898	110.800	5.533	PK
5			5861.550	62.057	56.499	-46.907	108.964	5.558	PK
6			5875.000	59.927	54.317	-45.273	105.200	5.610	PK
7			5896.748	61.871	56.178	-27.197	89.068	5.693	PK
8			5925.000	60.672	54.870	-7.528	68.200	5.802	PK
9			5978.355	64.111	58.104	-4.089	68.200	6.007	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: 2019/07/16 - 06:18
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Omni Antenna (64QAM)	

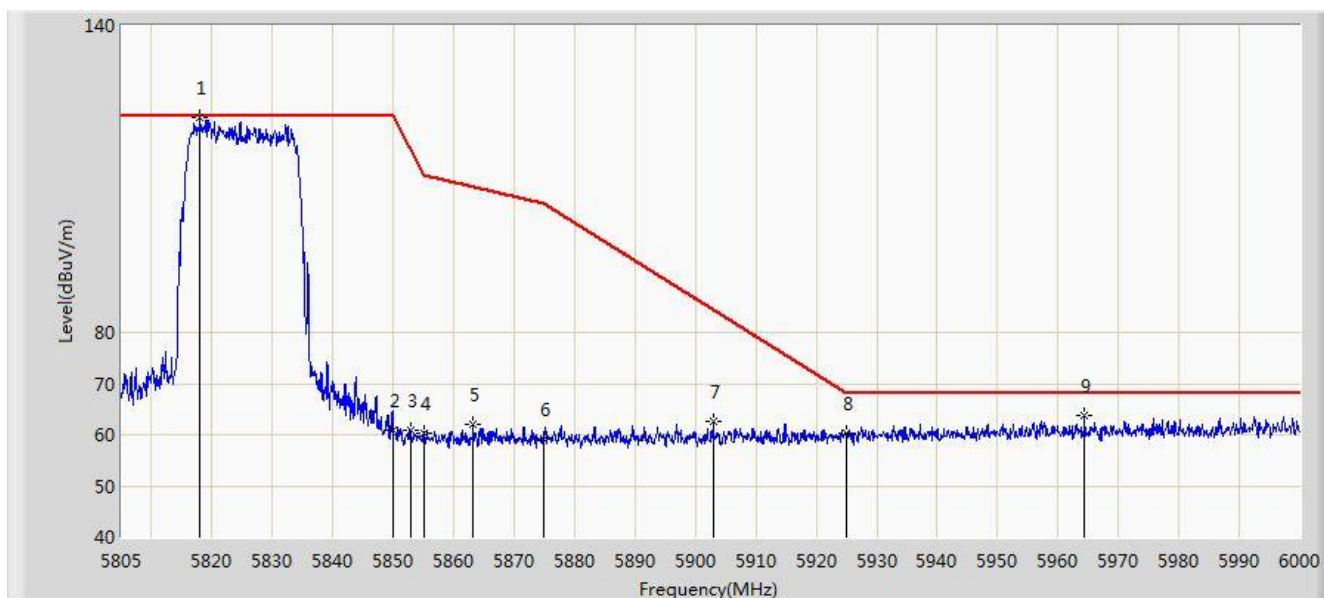


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5818.845	114.440	109.045	N/A	N/A	5.395	PK
2			5850.000	59.463	53.949	-62.737	122.200	5.514	PK
3			5851.703	61.147	55.626	-57.170	118.316	5.520	PK
4			5855.000	59.309	53.776	-51.491	110.800	5.533	PK
5			5860.770	61.756	56.201	-47.426	109.182	5.556	PK
6			5875.000	58.894	53.284	-46.306	105.200	5.610	PK
7			5914.103	62.216	56.456	-14.021	76.237	5.759	PK
8			5925.000	60.245	54.443	-7.955	68.200	5.802	PK
9		*	5985.083	64.117	58.084	-4.083	68.200	6.033	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: 2019/07/16 - 06:19
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Omni Antenna (64QAM)	

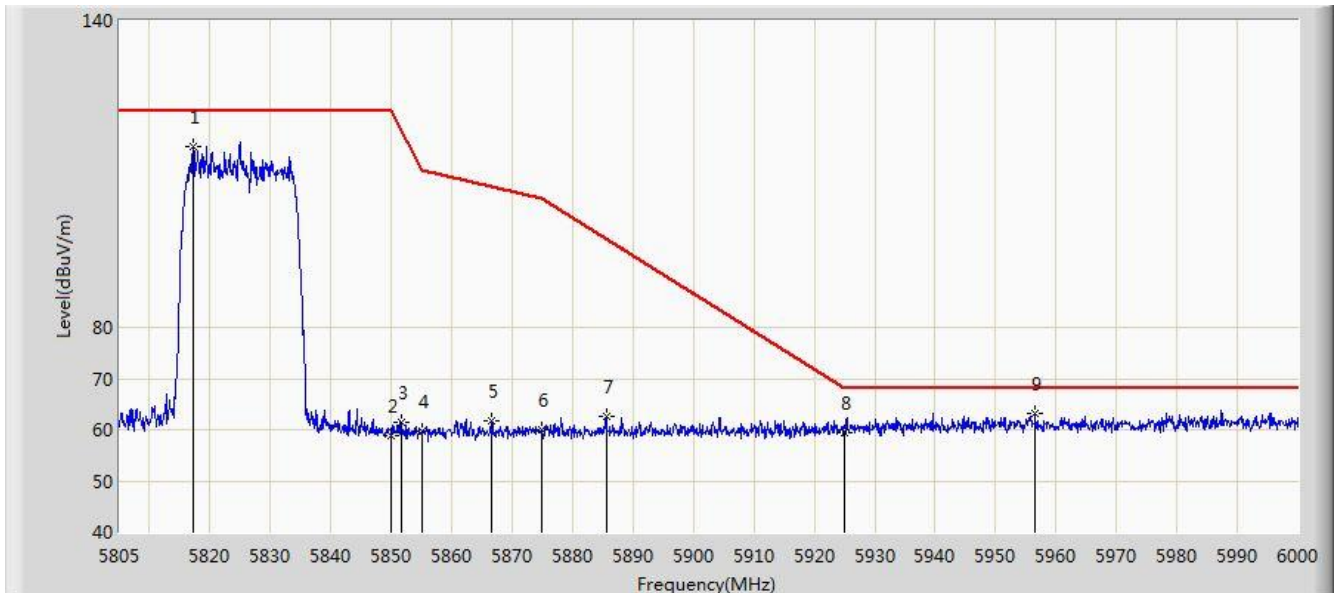


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5818.065	122.056	116.664	N/A	N/A	5.391	PK
2			5850.000	60.741	55.227	-61.459	122.200	5.514	PK
3			5852.873	60.981	55.456	-54.667	115.648	5.524	PK
4			5855.000	60.372	54.839	-50.428	110.800	5.533	PK
5			5863.208	62.043	56.478	-46.457	108.499	5.564	PK
6			5875.000	59.098	53.488	-46.102	105.200	5.610	PK
7			5902.890	62.706	56.989	-21.817	84.523	5.717	PK
8			5925.000	60.295	54.493	-7.905	68.200	5.802	PK
9			5964.315	63.839	57.886	-4.361	68.200	5.953	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: 2019/07/16 - 06:20
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Omni Antenna (256QAM)	

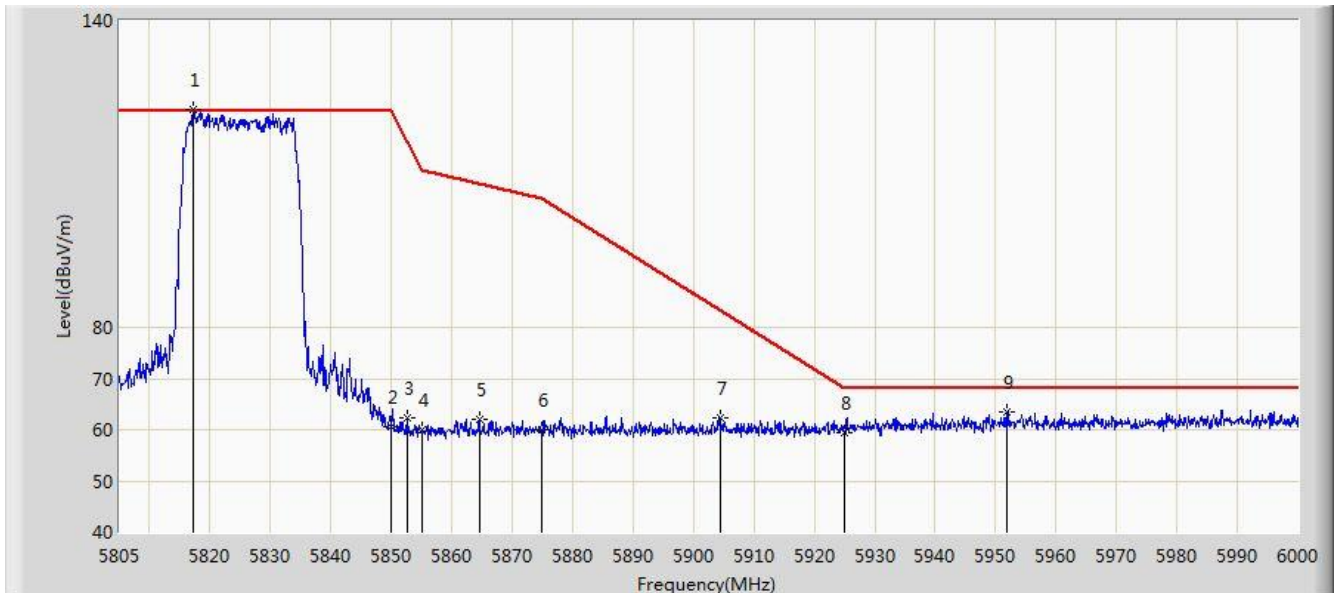


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5817.285	115.431	110.042	N/A	N/A	5.389	PK
2			5850.000	58.764	53.250	-63.436	122.200	5.514	PK
3			5851.605	61.501	55.981	-57.038	118.540	5.520	PK
4			5855.000	59.730	54.197	-51.070	110.800	5.533	PK
5			5866.620	61.839	56.261	-45.705	107.544	5.578	PK
6			5875.000	60.039	54.429	-45.161	105.200	5.610	PK
7			5885.535	62.496	56.846	-34.882	97.378	5.651	PK
8			5925.000	59.556	53.754	-8.644	68.200	5.802	PK
9		*	5956.515	63.266	57.343	-4.934	68.200	5.924	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: 2019/07/16 - 06:22
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Omni Antenna (256QAM)	

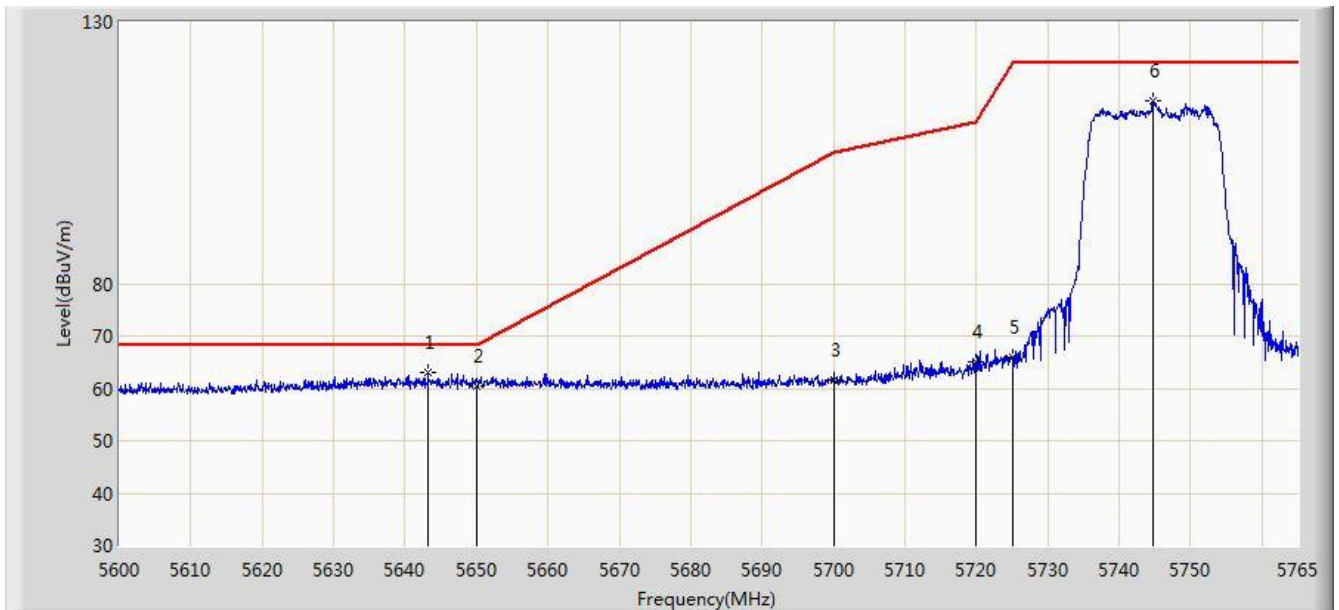


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5817.285	122.610	117.221	N/A	N/A	5.389	PK
2			5850.000	60.658	55.144	-61.542	122.200	5.514	PK
3			5852.678	62.234	56.710	-53.859	116.093	5.524	PK
4			5855.000	60.009	54.476	-50.791	110.800	5.533	PK
5			5864.572	62.036	56.466	-46.082	108.117	5.570	PK
6			5875.000	60.039	54.429	-45.161	105.200	5.610	PK
7			5904.353	62.307	56.585	-21.133	83.441	5.722	PK
8			5925.000	59.556	53.754	-8.644	68.200	5.802	PK
9			5951.933	63.479	57.573	-4.721	68.200	5.906	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: 2019/07/07 - 14:44
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Directional Antenna (QPSK)	

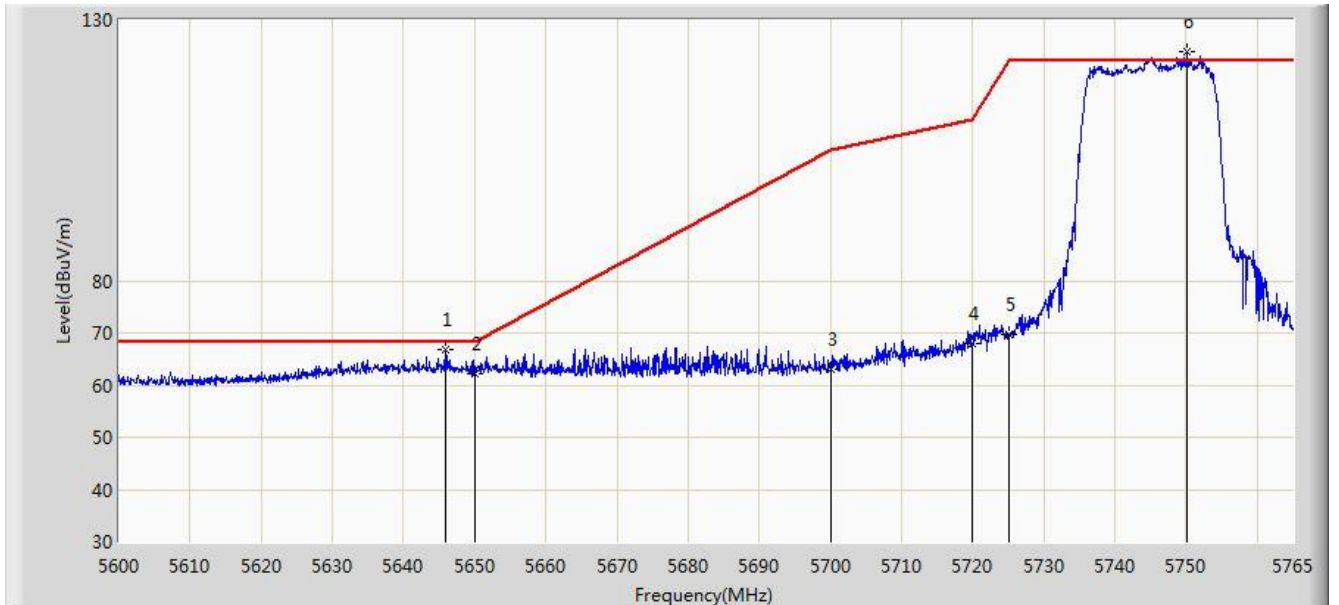


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5643.230	63.011	58.291	-5.189	68.200	4.721	PK
2		5650.000	60.333	55.587	-7.867	68.200	4.746	PK
3		5700.000	61.562	56.624	-43.638	105.200	4.938	PK
4		5720.000	65.023	60.008	-45.777	110.800	5.015	PK
5		5725.000	65.920	60.886	-56.280	122.200	5.034	PK
6		5744.705	114.974	109.865	N/A	N/A	5.109	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: 2019/07/07 - 14:52
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Directional Antenna (QPSK)	

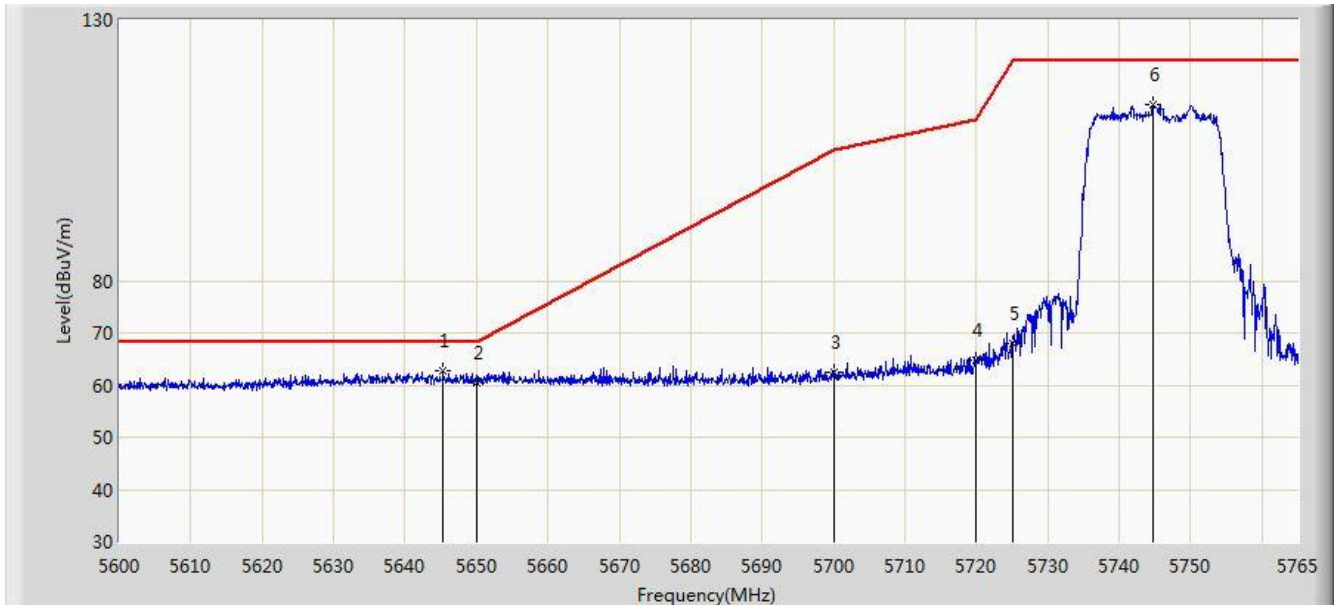


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5645.870	66.804	62.074	-1.396	68.200	4.731	PK
2		5650.000	62.240	57.494	-5.960	68.200	4.746	PK
3		5700.000	63.130	58.192	-42.070	105.200	4.938	PK
4		5720.000	67.985	62.970	-42.815	110.800	5.015	PK
5		5725.000	69.678	64.644	-52.522	122.200	5.034	PK
6	*	5750.067	123.992	118.862	N/A	N/A	5.130	PK

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

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

Site: AC1	Time: 2019/07/07 - 15:05
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Directional Antenna (16QAM)	

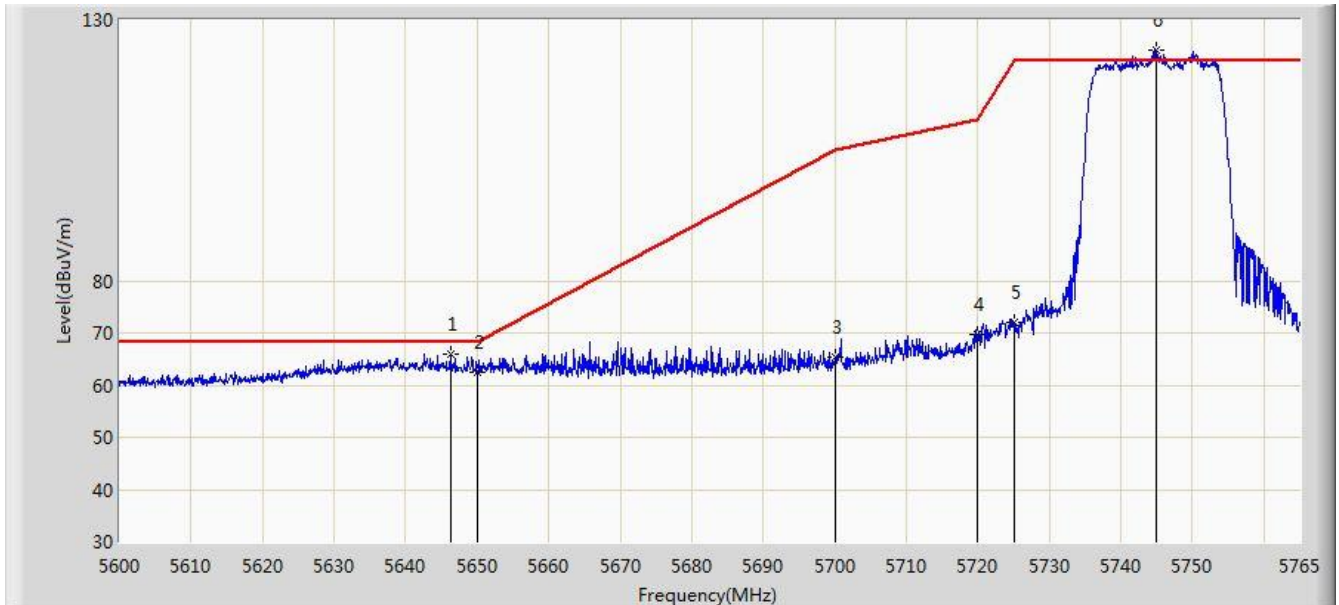


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5645.375	62.697	57.968	-5.503	68.200	4.728	PK
2		5650.000	60.548	55.802	-7.652	68.200	4.746	PK
3		5700.000	62.517	57.579	-42.683	105.200	4.938	PK
4		5720.000	64.834	59.819	-45.966	110.800	5.015	PK
5		5725.000	68.011	62.977	-54.189	122.200	5.034	PK
6		5744.788	113.726	108.616	N/A	N/A	5.109	PK

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

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

Site: AC1	Time: 2019/07/07 - 15:12
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Directional Antenna (16QAM)	

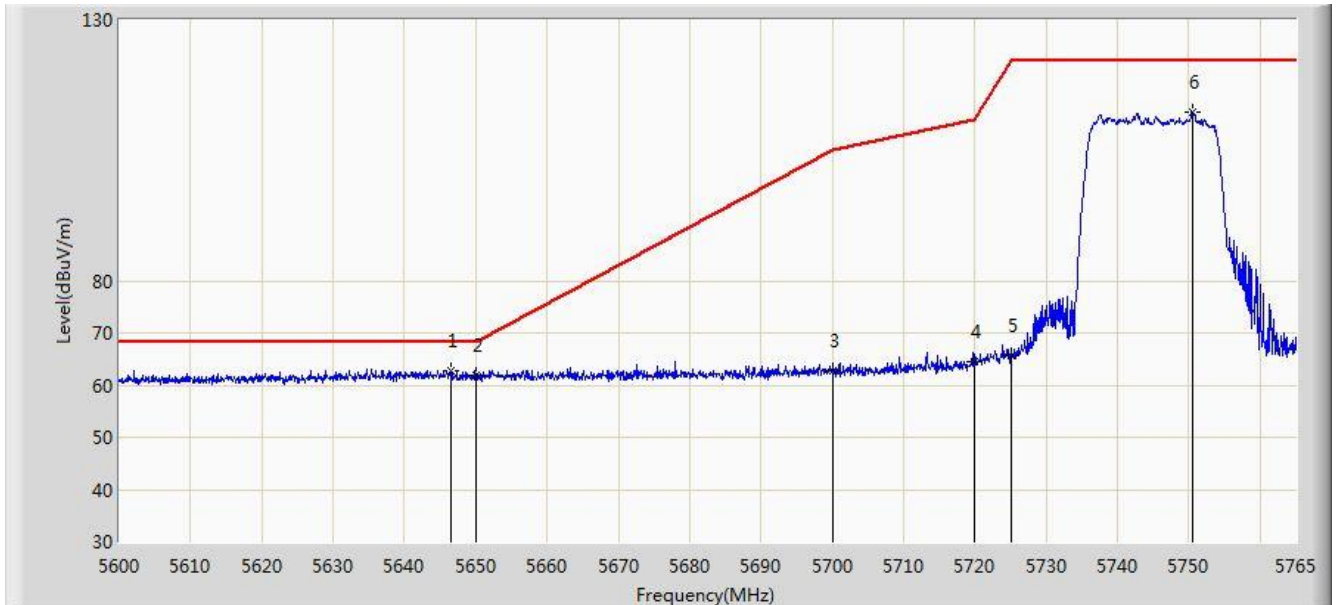


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5646.283	66.033	61.301	-2.167	68.200	4.732	PK
2		5650.000	62.327	57.581	-5.873	68.200	4.746	PK
3		5700.000	65.236	60.298	-39.964	105.200	4.938	PK
4		5720.000	69.791	64.776	-41.009	110.800	5.015	PK
5		5725.000	72.012	66.978	-50.188	122.200	5.034	PK
6	*	5744.870	124.080	118.970	N/A	N/A	5.109	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: 2019/07/07 - 15:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Directional Antenna (64QAM)	

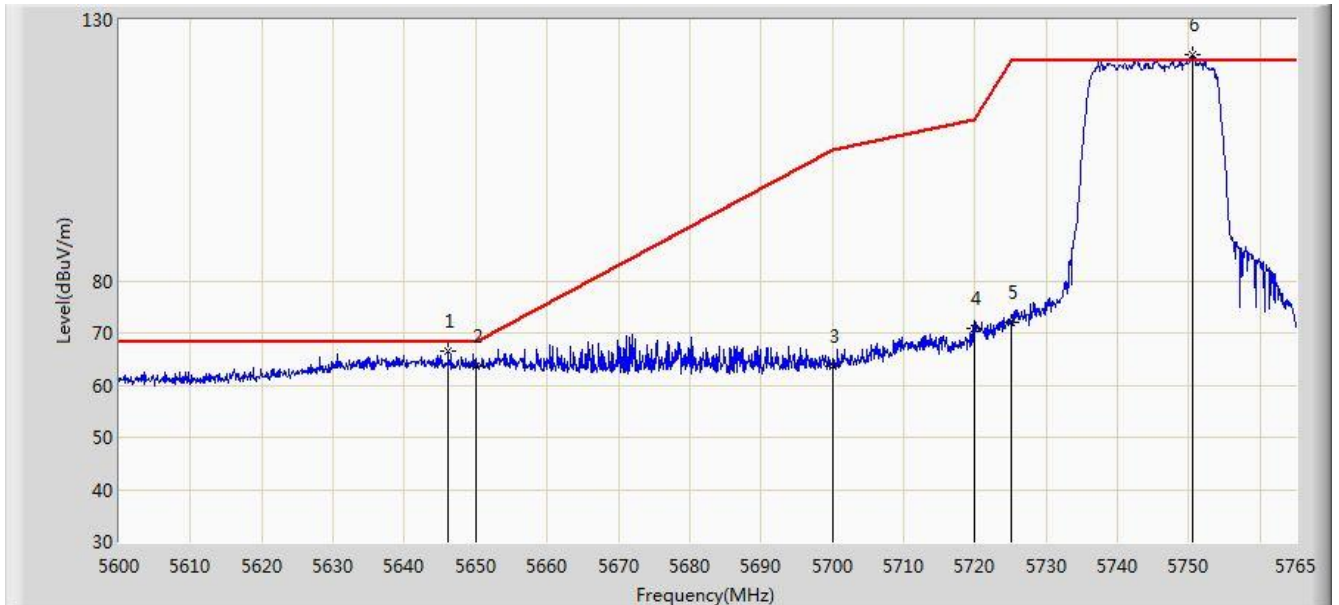


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5646.612	62.891	58.158	-5.309	68.200	4.734	PK
2		5650.000	61.761	57.015	-6.439	68.200	4.746	PK
3		5700.000	62.789	57.851	-42.411	105.200	4.938	PK
4		5720.000	64.437	59.422	-46.363	110.800	5.015	PK
5		5725.000	65.599	60.565	-56.601	122.200	5.034	PK
6		5750.562	112.385	107.253	N/A	N/A	5.132	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: 2019/07/07 - 15:31
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Directional Antenna (64QAM)	

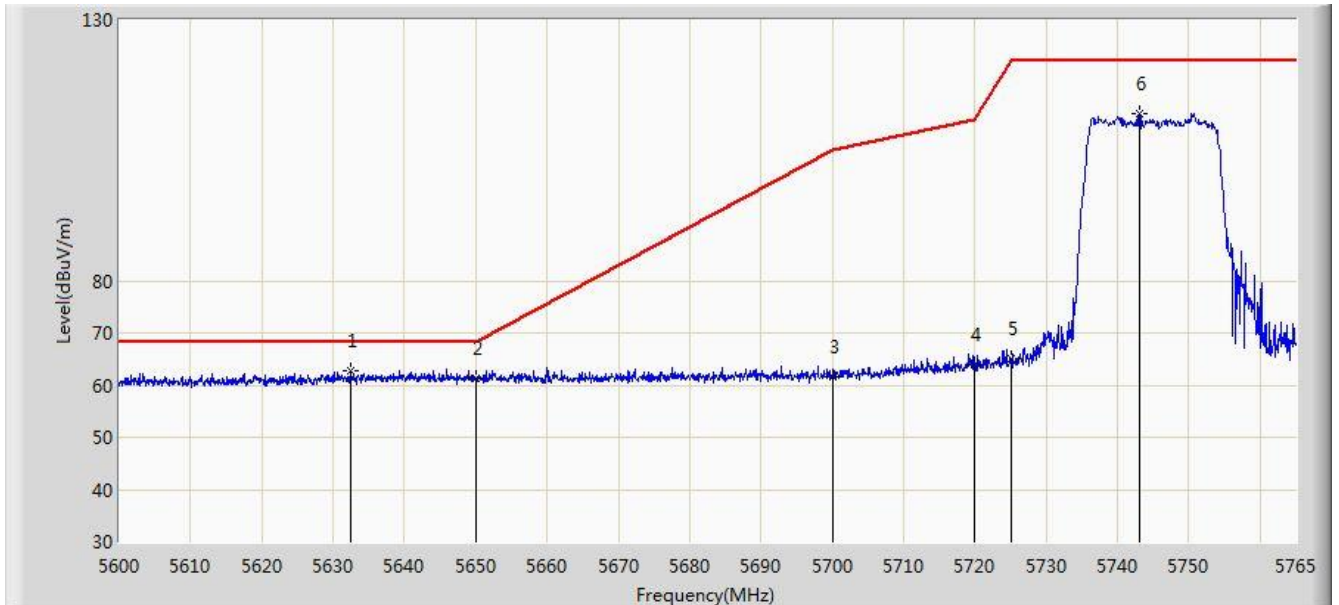


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5646.118	66.612	61.881	-1.588	68.200	4.731	PK
2		5650.000	63.705	58.959	-4.495	68.200	4.746	PK
3		5700.000	63.733	58.795	-41.467	105.200	4.938	PK
4		5720.000	70.828	65.813	-39.972	110.800	5.015	PK
5		5725.000	72.120	67.086	-50.080	122.200	5.034	PK
6	*	5750.480	123.218	118.086	N/A	N/A	5.132	PK

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

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

Site: AC1	Time: 2019/07/07 - 15:40
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Directional Antenna (256QAM)	

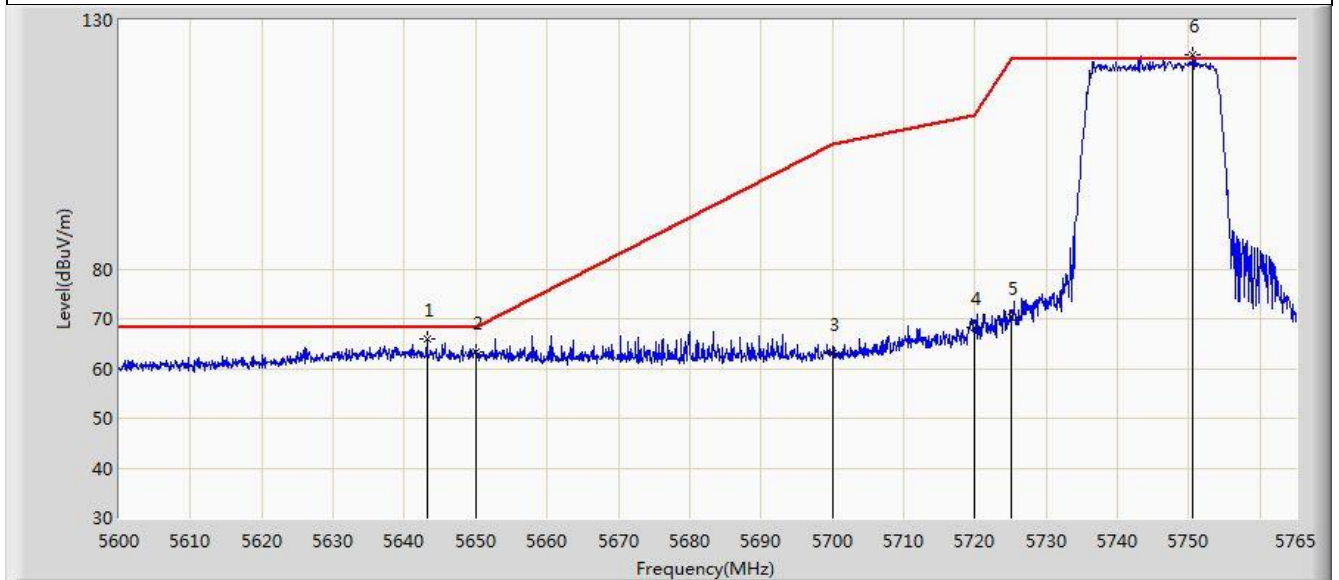


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5632.505	62.894	58.215	-5.306	68.200	4.680	PK
2		5650.000	61.301	56.555	-6.899	68.200	4.746	PK
3		5700.000	61.559	56.621	-43.641	105.200	4.938	PK
4		5720.000	63.993	58.978	-46.807	110.800	5.015	PK
5		5725.000	64.989	59.955	-57.211	122.200	5.034	PK
6		5743.055	112.110	107.007	N/A	N/A	5.103	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: 2019/07/07 - 15:46
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5745MHz by Directional Antenna (256QAM)	

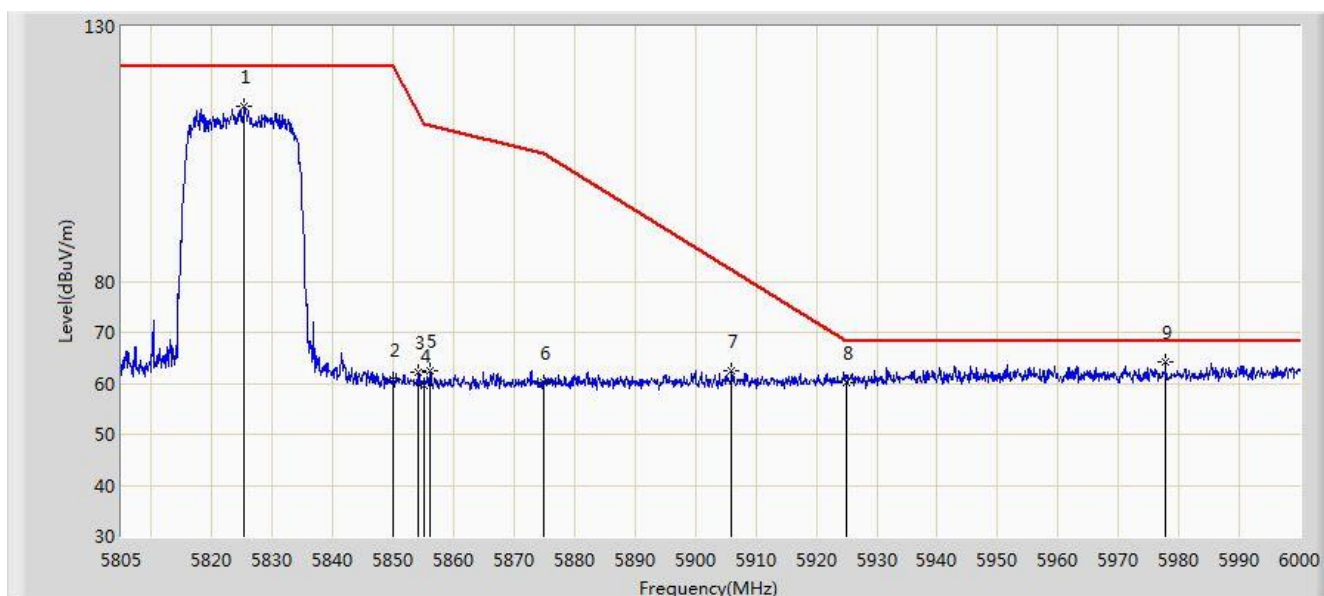


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5643.147	65.963	61.243	-2.237	68.200	4.721	PK
2		5643.147	65.963	61.243	-2.237	68.200	4.721	PK
3		5650.000	63.370	58.624	-4.830	68.200	4.746	PK
4		5700.000	63.070	58.132	-42.130	105.200	4.938	PK
5		5720.000	68.243	63.228	-42.557	110.800	5.015	PK
6		5725.000	70.215	65.181	N/A	N/A	5.034	PK

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

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

Site: AC1	Time: 2019/07/16 - 05:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Directional Antenna (QPSK)	

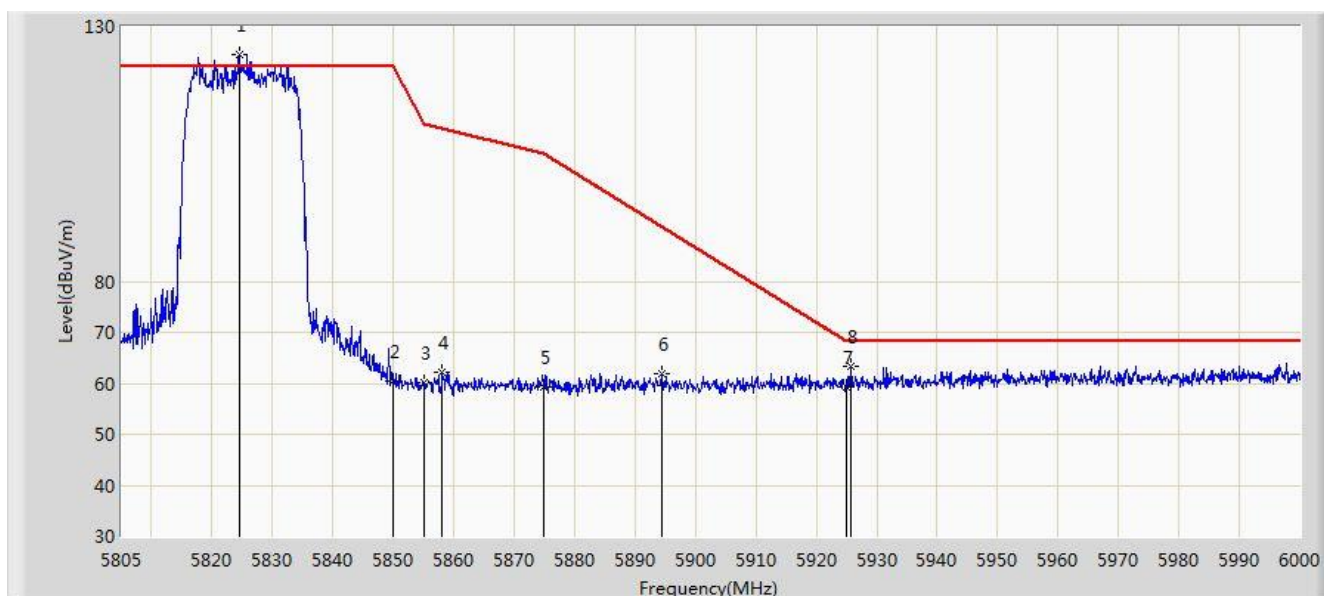


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5825.377	114.418	108.998	-7.782	122.200	5.419	PK
2			5850.000	60.806	55.292	-61.394	122.200	5.514	PK
3			5854.140	62.150	56.620	-50.610	112.760	5.530	PK
4			5855.000	59.569	54.036	-51.231	110.800	5.533	PK
5			5856.187	62.499	56.961	-47.968	110.467	5.537	PK
6			5875.000	60.023	54.413	-45.177	105.200	5.610	PK
7			5905.913	62.555	56.827	-19.732	82.287	5.728	PK
8			5925.000	60.219	54.417	-7.981	68.200	5.802	PK
9		*	5977.770	64.069	58.064	-4.131	68.200	6.004	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: 2019/07/16 - 05:33
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Directional Antenna (QPSK)	

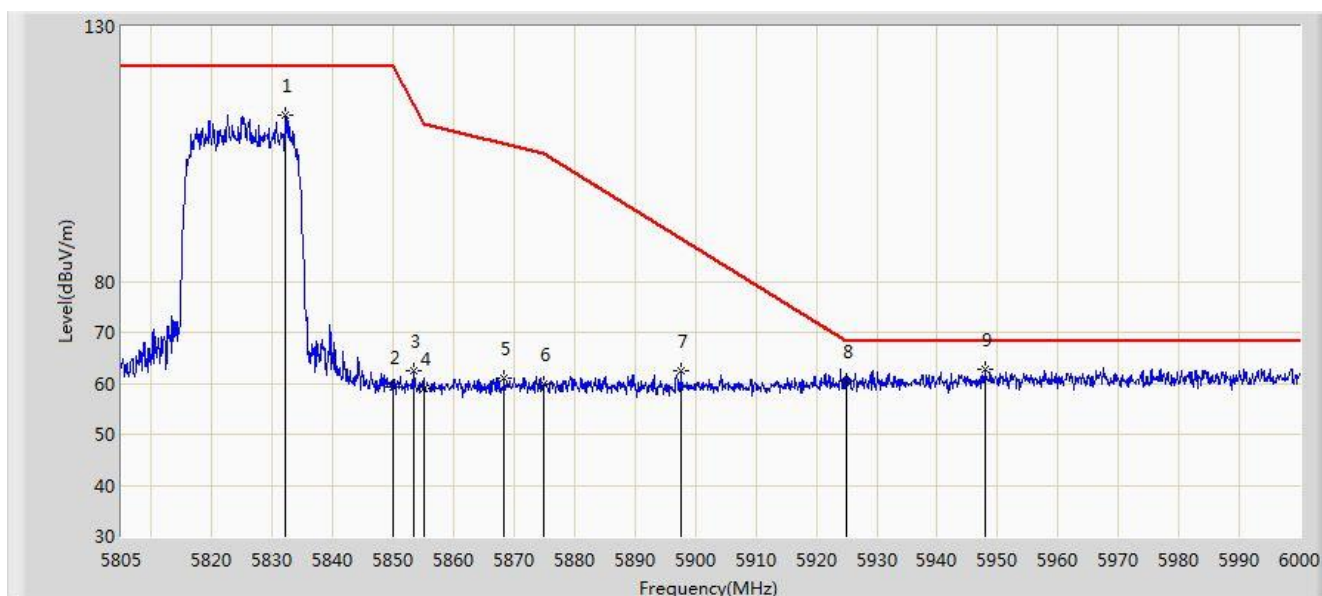


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5824.500	124.444	119.028	2.244	122.200	5.417	PK
2			5850.000	60.433	54.919	-61.767	122.200	5.514	PK
3			5855.000	60.267	54.734	-50.533	110.800	5.533	PK
4			5858.040	62.172	56.627	-47.776	109.948	5.545	PK
5			5875.000	59.156	53.546	-46.044	105.200	5.610	PK
6			5894.505	61.878	56.193	-28.851	90.729	5.684	PK
7			5925.000	59.231	53.429	-8.969	68.200	5.802	PK
8			5925.705	63.387	57.583	-4.813	68.200	5.804	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: 2019/07/16 - 05:35
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Directional Antenna (16QAM)	

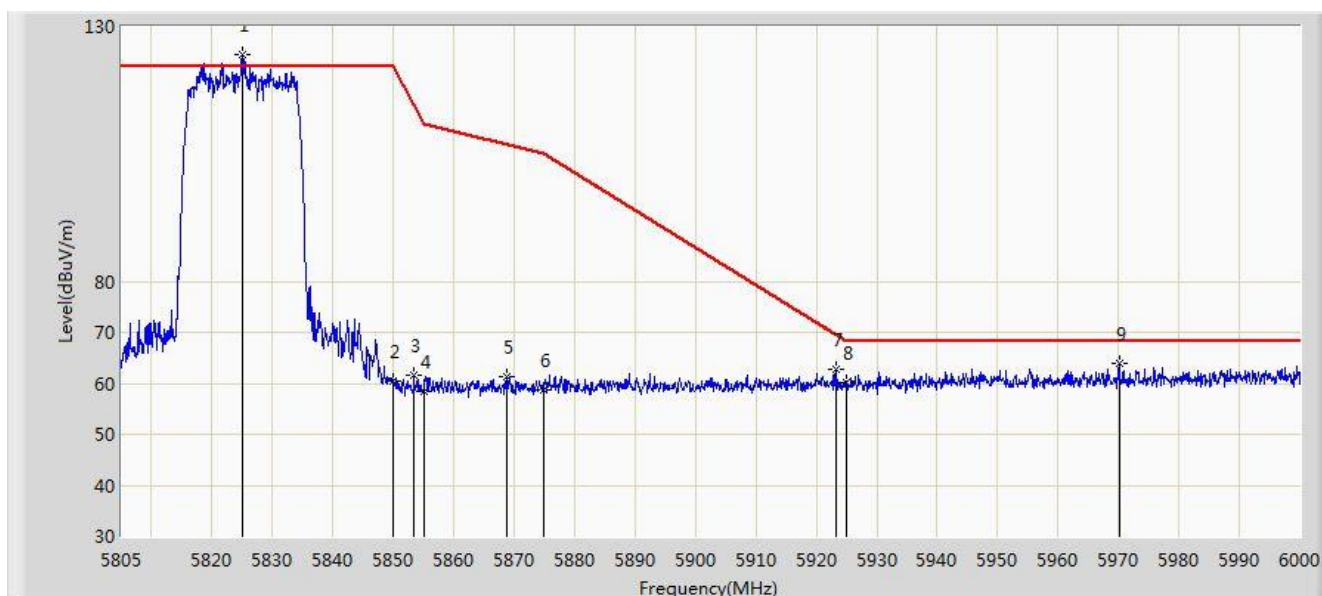


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5832.203	112.715	107.269	-9.485	122.200	5.446	PK
2			5850.000	59.212	53.698	-62.988	122.200	5.514	PK
3			5853.263	62.336	56.809	-52.424	114.759	5.527	PK
4			5855.000	59.119	53.586	-51.681	110.800	5.533	PK
5			5868.375	61.143	55.559	-45.909	107.053	5.584	PK
6			5875.000	59.726	54.116	-45.474	105.200	5.610	PK
7			5897.625	62.412	56.715	-26.007	88.419	5.697	PK
8			5925.000	60.336	54.534	-7.864	68.200	5.802	PK
9		*	5947.837	62.787	56.897	-5.413	68.200	5.890	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: 2019/07/16 - 05:36
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Directional Antenna (16QAM)	

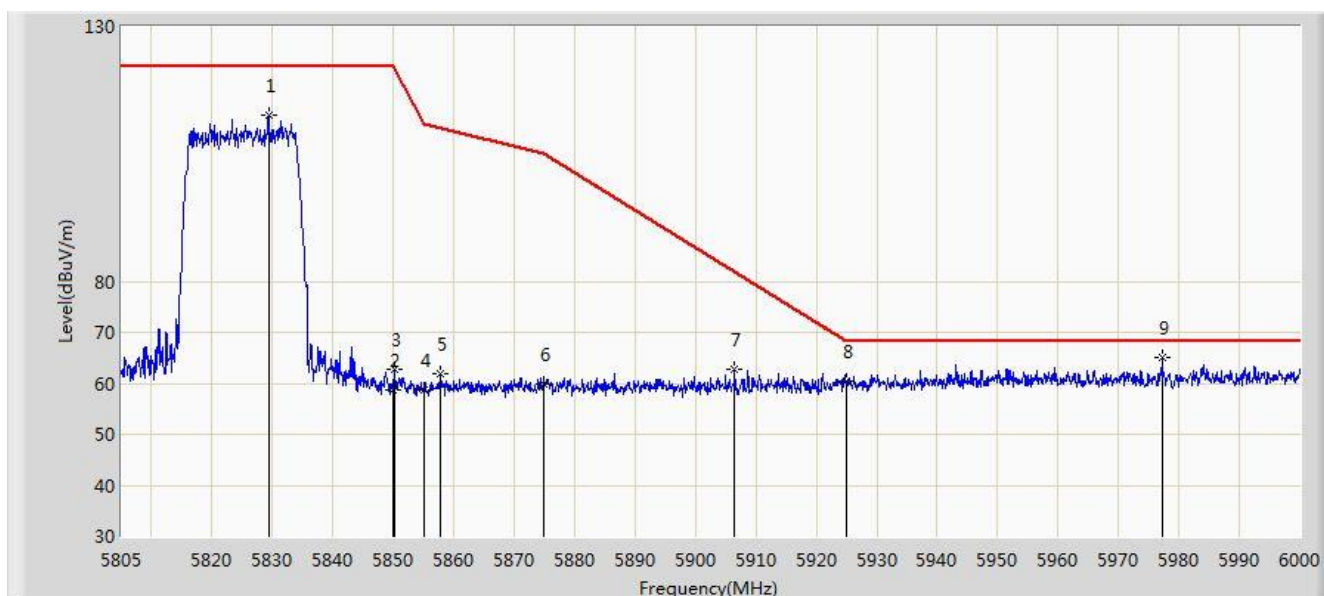


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5824.987	124.496	119.078	2.296	122.200	5.418	PK
2			5850.000	60.396	54.882	-61.804	122.200	5.514	PK
3			5853.360	61.725	56.198	-52.813	114.538	5.527	PK
4			5855.000	58.482	52.949	-52.318	110.800	5.533	PK
5			5868.765	61.280	55.694	-45.664	106.944	5.586	PK
6			5875.000	58.605	52.995	-46.595	105.200	5.610	PK
7			5923.268	62.779	56.984	-6.698	69.476	5.795	PK
8			5925.000	60.103	54.301	-8.097	68.200	5.802	PK
9			5970.165	63.852	57.876	-4.348	68.200	5.975	PK

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

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

Site: AC1	Time: 2019/07/16 - 05:37
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Directional Antenna (64QAM)	

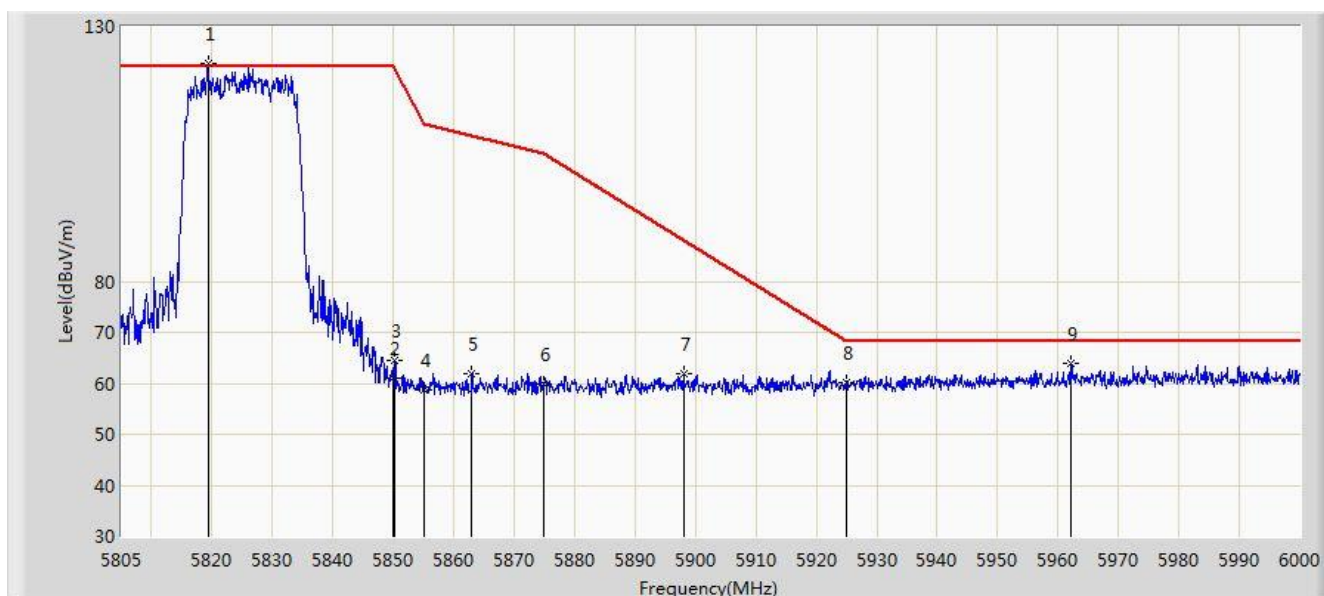


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5829.375	112.676	107.241	-9.524	122.200	5.436	PK
2			5850.000	58.683	53.169	-63.517	122.200	5.514	PK
3			5850.143	62.794	57.279	-59.080	121.874	5.514	PK
4			5855.000	58.722	53.189	-52.078	110.800	5.533	PK
5			5857.845	61.883	56.339	-48.119	110.002	5.544	PK
6			5875.000	59.953	54.343	-45.247	105.200	5.610	PK
7			5906.400	62.752	57.022	-19.175	81.927	5.730	PK
8			5925.000	60.397	54.595	-7.803	68.200	5.802	PK
9		*	5977.283	64.948	58.945	-3.252	68.200	6.003	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: 2019/07/16 - 05:38
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Directional Antenna (64QAM)	

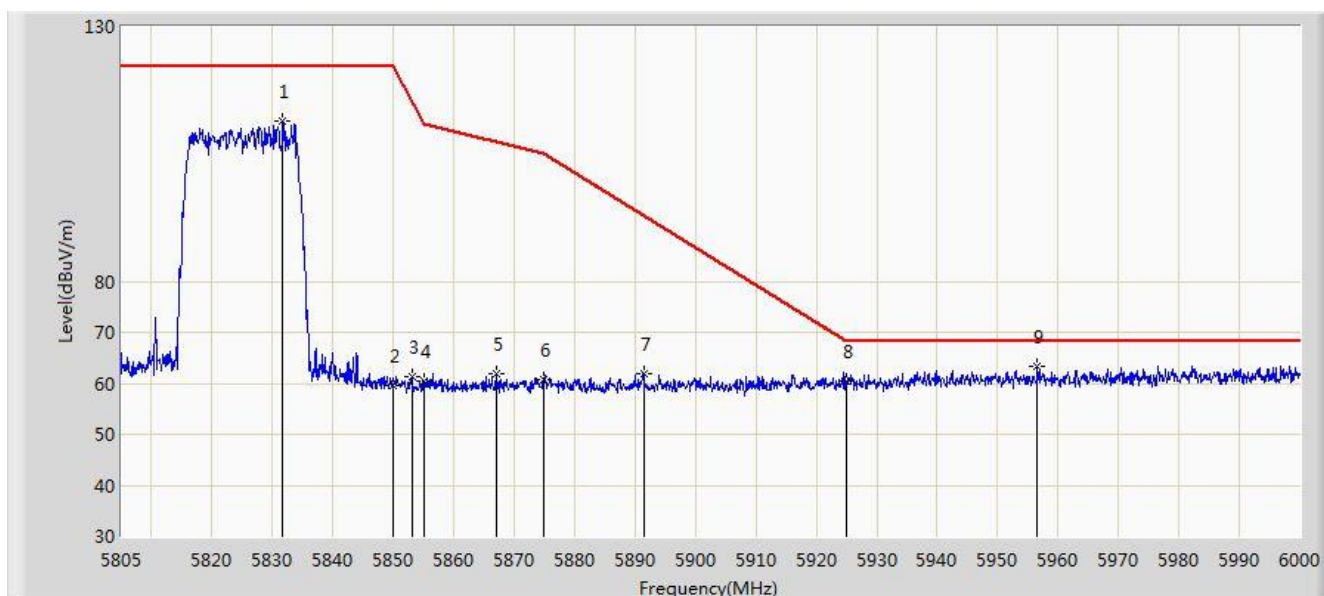


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.333	122.788	117.392	0.588	122.200	5.396	PK
2			5850.000	60.988	55.474	-61.212	122.200	5.514	PK
3			5850.240	64.497	58.982	-57.156	121.653	5.515	PK
4			5855.000	58.699	53.166	-52.101	110.800	5.533	PK
5			5863.013	61.890	56.326	-46.664	108.554	5.564	PK
6			5875.000	59.850	54.240	-45.350	105.200	5.610	PK
7			5898.112	61.979	56.281	-26.079	88.058	5.699	PK
8			5925.000	60.158	54.356	-8.042	68.200	5.802	PK
9			5962.170	63.898	57.953	-4.302	68.200	5.945	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: 2019/07/16 - 05:40
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Directional Antenna (256QAM)	

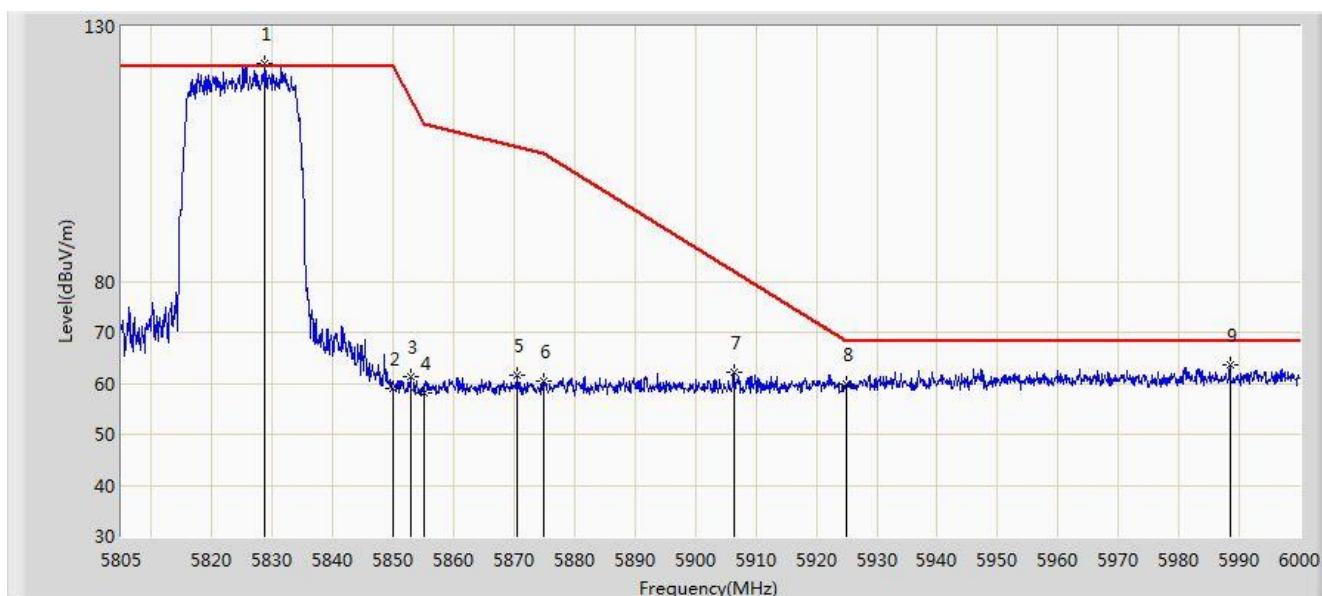


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5831.715	111.408	105.964	-10.792	122.200	5.444	PK
2			5850.000	59.483	53.969	-62.717	122.200	5.514	PK
3			5853.067	61.218	55.692	-53.988	115.206	5.526	PK
4			5855.000	60.391	54.858	-50.409	110.800	5.533	PK
5			5867.010	61.961	56.382	-45.474	107.435	5.579	PK
6			5875.000	60.866	55.256	-44.334	105.200	5.610	PK
7			5891.385	61.887	56.214	-31.154	93.041	5.673	PK
8			5925.000	60.335	54.533	-7.865	68.200	5.802	PK
9		*	5956.612	63.191	57.267	-5.009	68.200	5.924	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: 2019/07/16 - 05:42
Limit: FCC_Part15.407_RE(3m)	Engineer: Peter Xu
Probe: TW BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5825.1MHz by Directional Antenna (256QAM)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5828.692	122.847	117.415	0.647	122.200	5.432	PK
2			5850.000	58.910	53.396	-63.290	122.200	5.514	PK
3			5852.775	61.279	55.754	-54.593	115.872	5.524	PK
4			5855.000	58.229	52.696	-52.571	110.800	5.533	PK
5			5870.520	61.730	56.137	-44.723	106.453	5.593	PK
6			5875.000	60.312	54.702	-44.888	105.200	5.610	PK
7			5906.303	62.150	56.420	-19.849	81.999	5.730	PK
8			5925.000	59.821	54.019	-8.379	68.200	5.802	PK
9			5988.495	63.756	57.710	-4.444	68.200	6.045	PK

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

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

7.10. AC Conducted Emissions Measurement

7.10.1. Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 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 0.50MHz.		

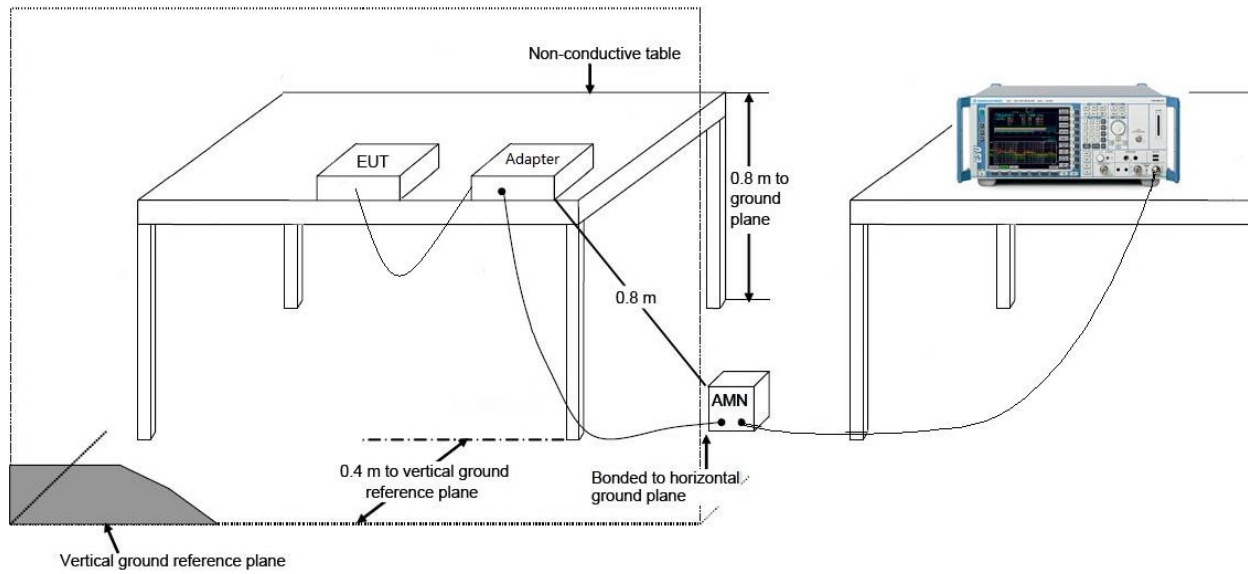
7.10.2. Test Procedure

The EUT was setup according to ANSI C63.4, 2009 and tested according to KDB 789033 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

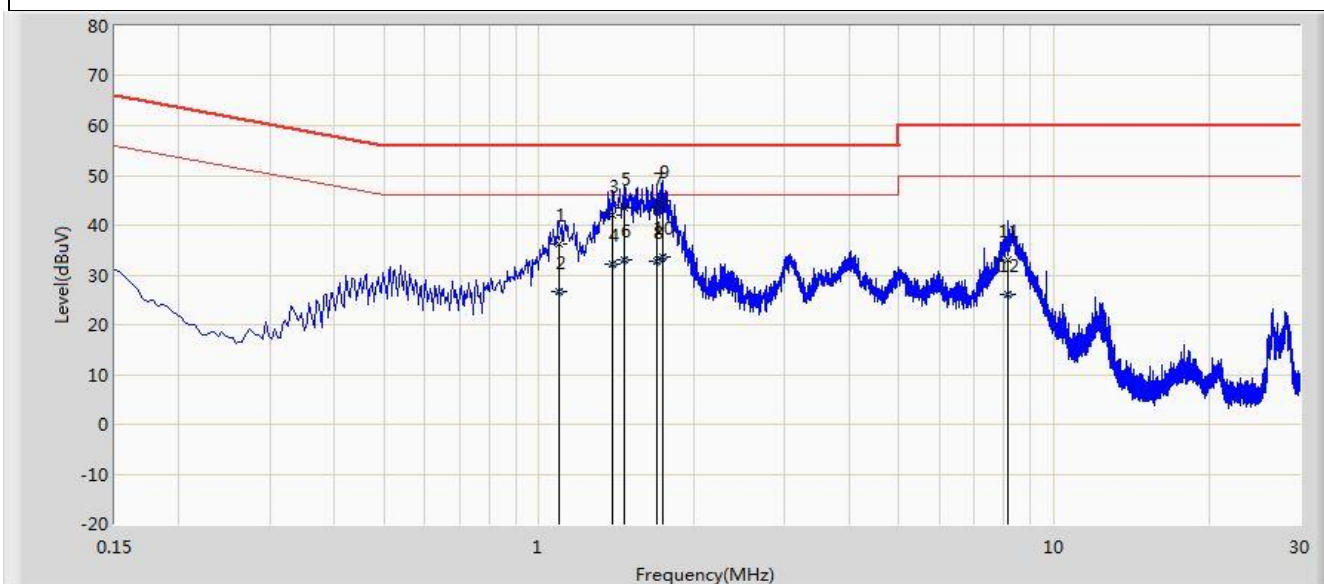
7.10.3. Test Setup



7.10.4. Test Result

Site: SR2	Time: 2019/07/15 - 23:37
Limit: FCC_Part15.207_CE	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz

Test Mode 1



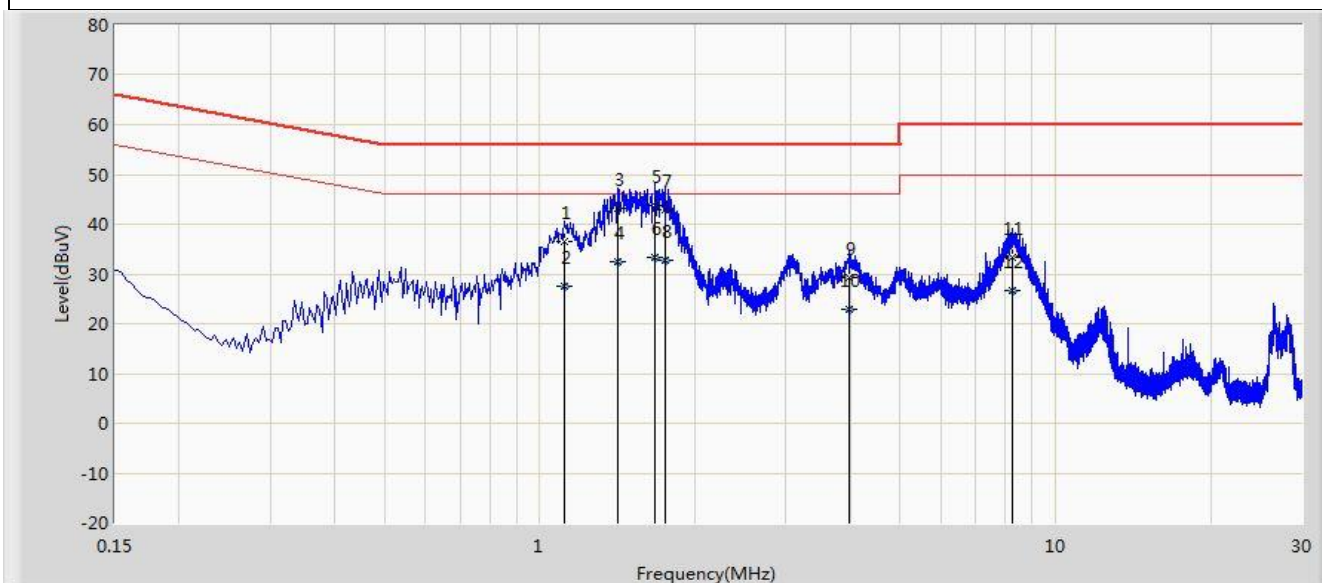
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor	Type
1			1.094	36.186	26.299	-19.814	56.000	9.888	QP
2			1.094	26.534	16.647	-19.466	46.000	9.888	AV
3			1.390	41.940	32.059	-14.060	56.000	9.881	QP
4			1.390	32.079	22.198	-13.921	46.000	9.881	AV
5			1.466	43.562	33.684	-12.438	56.000	9.879	QP
6			1.466	33.118	23.240	-12.882	46.000	9.879	AV
7			1.694	43.503	33.631	-12.497	56.000	9.873	QP
8			1.694	32.827	22.954	-13.173	46.000	9.873	AV
9		*	1.734	44.889	35.018	-11.111	56.000	9.872	QP
10			1.734	33.542	23.670	-12.458	46.000	9.872	AV
11			8.134	32.910	23.094	-27.090	60.000	9.816	QP
12			8.134	26.185	16.369	-23.815	50.000	9.816	AV

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

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

Site: SR2	Time: 2019/07/15 - 23:16
Limit: FCC_Part15.207_CE	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Flexi Zone Unlicensed LTE	Power: AC 120V/60Hz

Test Mode 1



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor	Type
1			1.118	36.660	26.774	-19.340	56.000	9.886	QP
2			1.118	27.664	17.778	-18.336	46.000	9.886	AV
3			1.414	43.230	33.353	-12.770	56.000	9.876	QP
4			1.414	32.352	22.476	-13.648	46.000	9.876	AV
5		*	1.670	43.832	33.964	-12.168	56.000	9.868	QP
6			1.670	33.373	23.505	-12.627	46.000	9.868	AV
7			1.746	43.020	33.154	-12.980	56.000	9.866	QP
8			1.746	32.884	23.018	-13.116	46.000	9.866	AV
9			3.982	29.235	19.461	-26.765	56.000	9.774	QP
10			3.982	22.760	12.987	-23.240	46.000	9.774	AV
11			8.262	33.417	23.608	-26.583	60.000	9.809	QP
12			8.262	26.532	16.723	-23.468	50.000	9.809	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 unit is compliance with Part 15E of the FCC Rules.

The End

Appendix A - Test Setup Photograph

Refer to “1907TW0105-UT” file.

Appendix B - EUT Photograph

Refer to “1907TW0105-UE” file.