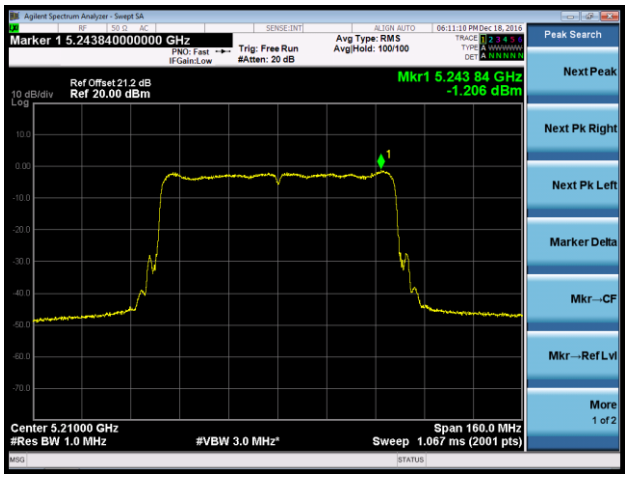
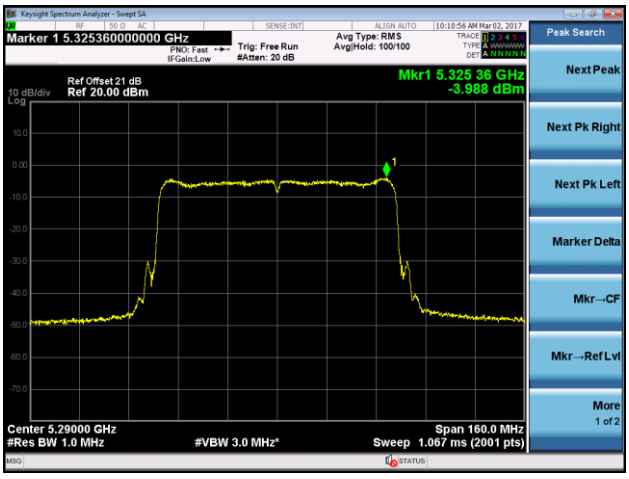
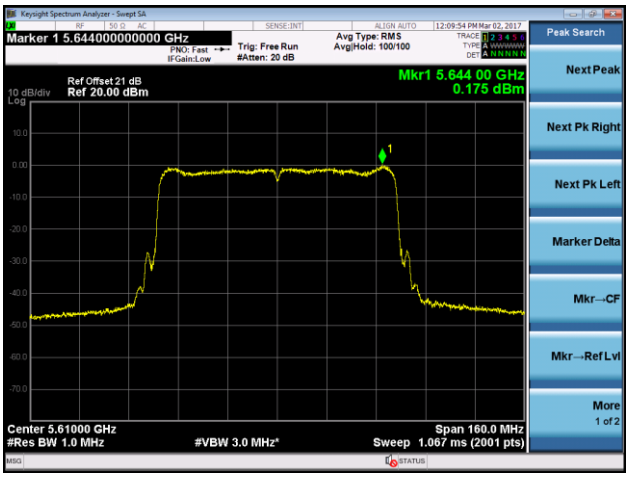
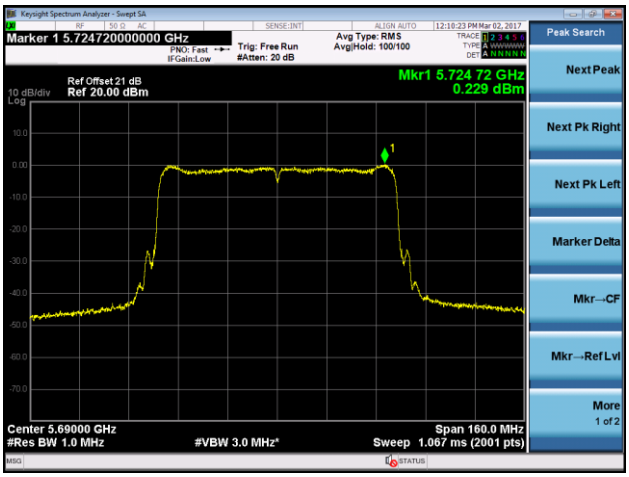
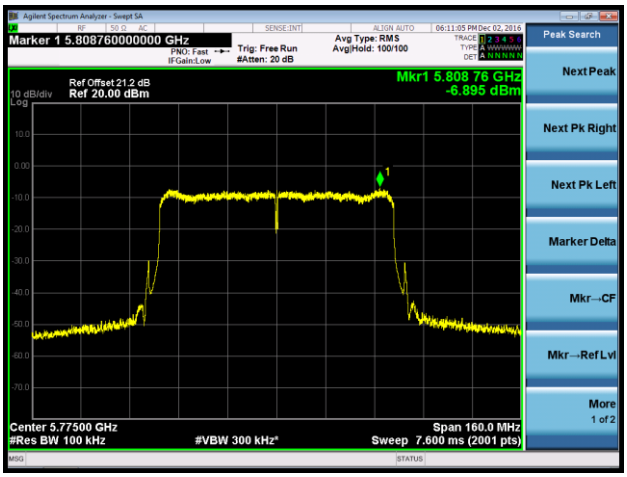
802.11ac-VHT80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 42 (5210MHz)	**Channel 58 (5290MHz)**
	
Channel 106 (5530MHz)	**Channel 122 (5610MHz)**
	
Channel 138 (5690MHz)	**Channel 155 (5775MHz)**
	

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:

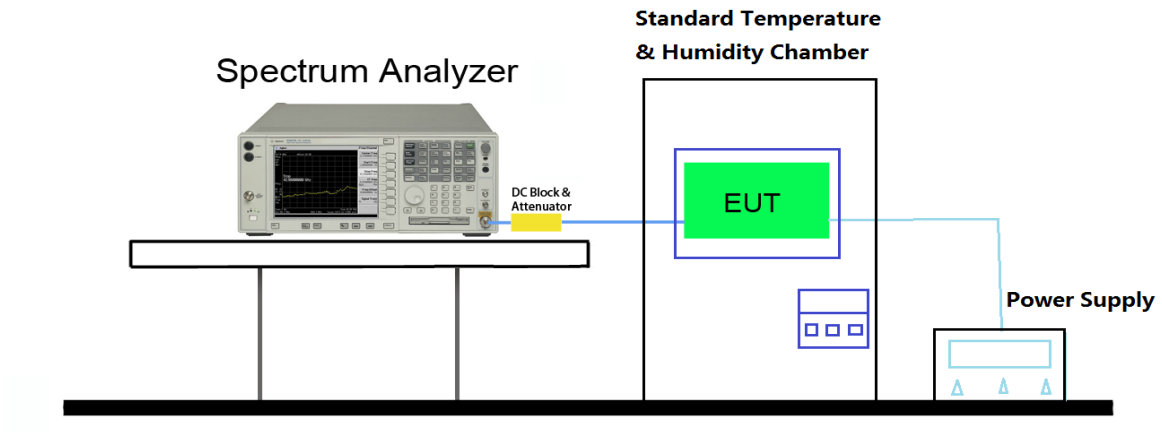
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain 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 (±15%) and endpoint, record the maximum frequency change.

7.7.3.Test Setup



7.7.4.Test Result

Test Engineer	Amy Zhang	Temperature	-30 ~ 50°C
Test Time	2016/12/10	Relative Humidity	52%RH
Test Mode	5180MHz		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	-7.92	-5.87	-3.74	-4.33
		- 20	-4.28	-5.32	-5.93	-3.88
		- 10	-5.67	-4.87	-3.25	-2.36
		0	-6.06	-6.94	-7.94	-3.31
		+ 10	5.08	2.52	-4.70	-4.63
		+ 20 (Ref)	4.53	6.41	3.86	5.32
		+ 30	6.68	-6.91	2.89	2.99
		+ 40	5.90	3.78	2.84	7.71
		+ 50	5.25	3.21	3.19	2.95
115%	138	+ 20	5.15	5.27	4.86	4.10
85%	102	+ 20	4.56	4.36	3.50	0.78

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} *10^6.

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 47 CFR must not exceed the limits shown in Table per Section 15.209.

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

KDB 789033 D02v01r03 - Section G

7.8.3. 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

Quasi-Peak Measurements below 1GHz

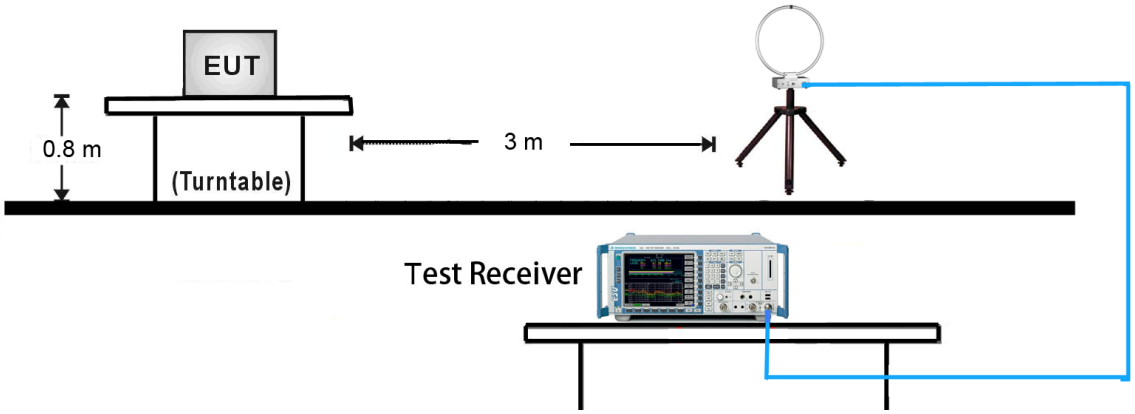
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

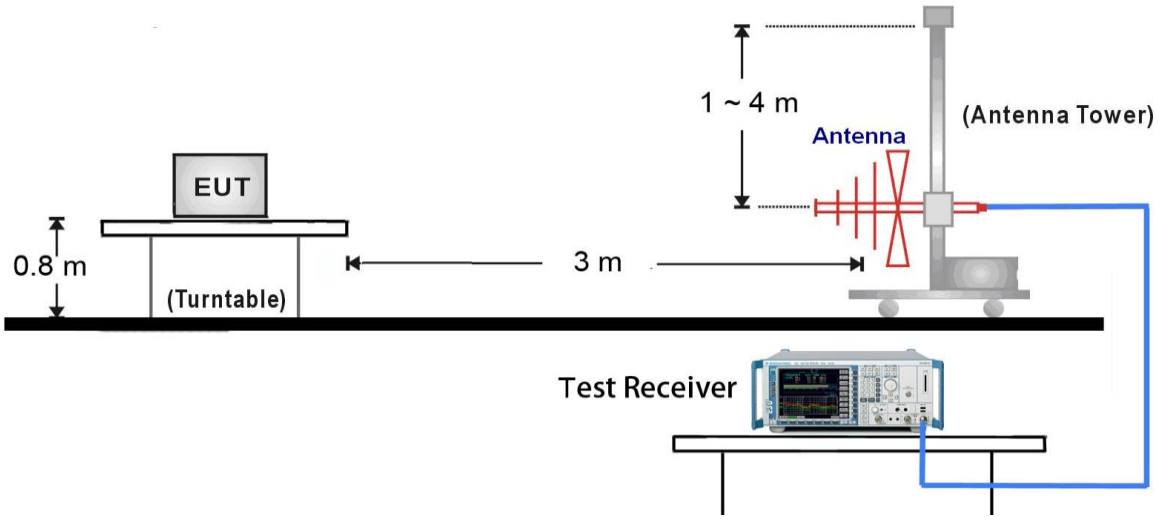
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100 sweeps

7.8.4.Test Setup

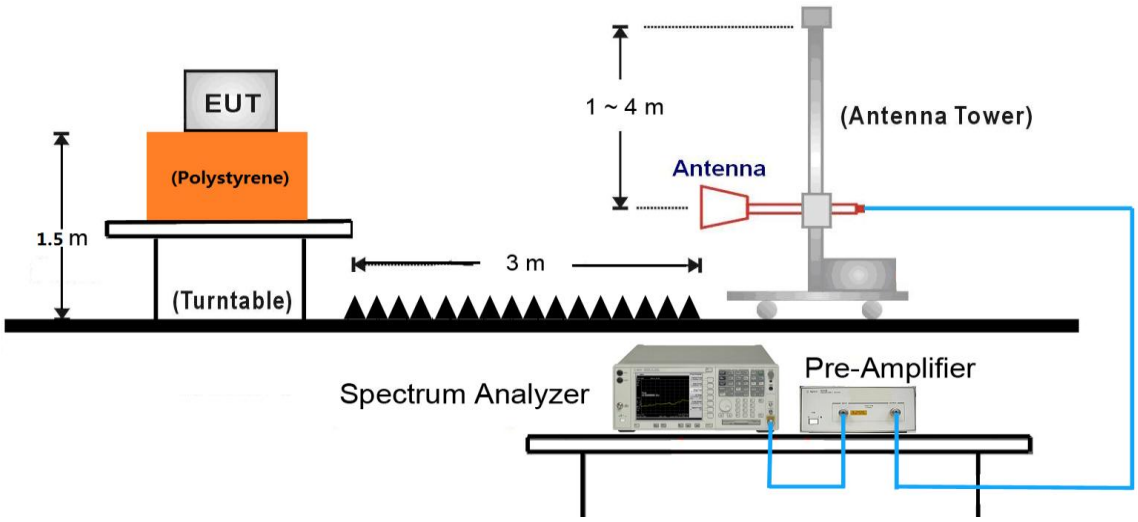
9kHz ~ 30MHz Test Setup:



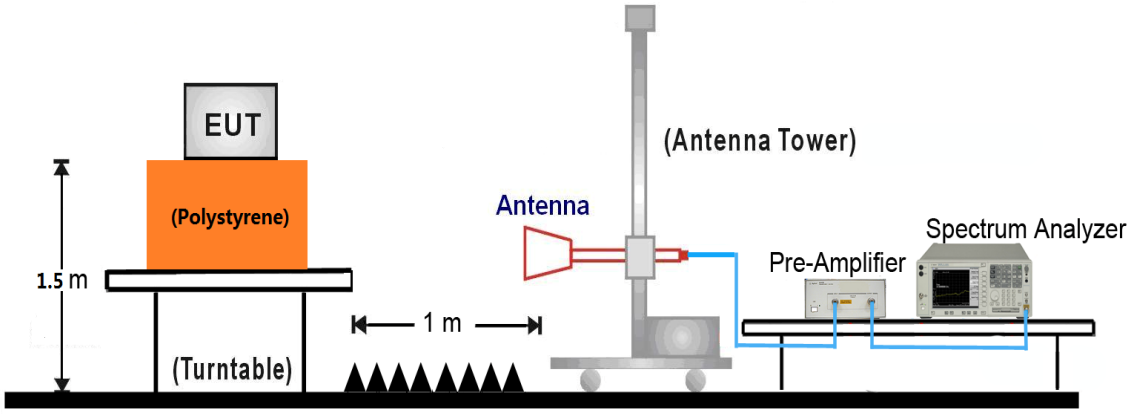
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.8.5.Test Result

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	36	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
*	7856.3	35.2	8.4	43.6	68.2	-24.6	Peak	Horizontal
*	8698.5	35.7	9.0	44.7	68.2	-23.5	Peak	Horizontal
	9125.3	34.9	9.6	44.5	74.0	-29.5	Peak	Horizontal
	11250.4	34.9	12.4	47.3	74.0	-26.7	Peak	Horizontal
	7596.0	39.5	8.1	47.6	74.0	-26.4	Peak	Vertical
*	10358.5	37.3	12.2	49.5	68.2	-18.7	Peak	Vertical
*	14540.5	37.6	15.7	53.3	68.2	-14.9	Peak	Vertical
	15535.0	39.9	12.2	52.1	74.0	-21.9	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)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	44	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
	7336.6	33.7	8.0	41.7	74.0	-32.3	Peak	Horizontal
*	9225.8	34.6	10.1	44.7	68.2	-23.5	Peak	Horizontal
*	10443.5	42.4	12.0	54.4	68.2	-13.8	Peak	Horizontal
	15654.0	46.7	12.0	58.7	74.0	-15.3	Peak	Horizontal
	15665.4	31.0	12.0	43.0	54.0	-11.0	Average	Horizontal
	7630.0	41.3	8.0	49.3	74.0	-24.7	Peak	Vertical
*	8678.5	35.5	9.0	44.5	68.2	-23.7	Peak	Vertical
*	10443.5	42.0	12.0	54.0	68.2	-14.2	Peak	Vertical
	15662.5	50.9	12.0	62.9	74.0	-11.1	Peak	Vertical
	15663.3	36.3	12.0	48.3	54.0	-5.7	Average	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)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	48	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
	8125.9	34.1	8.6	42.7	74.0	-31.3	Peak	Horizontal
*	10486.0	39.1	12.3	51.4	68.2	-16.8	Peak	Horizontal
*	14090.0	37.5	15.1	52.6	68.2	-15.6	Peak	Horizontal
	15721.5	31.3	11.8	43.1	54.0	-10.9	Average	Horizontal
	15722.0	45.6	11.8	57.4	74.0	-16.6	Peak	Horizontal
	7647.0	38.5	8.0	46.5	74.0	-27.5	Peak	Vertical
*	10477.5	41.3	12.2	53.5	68.2	-14.7	Peak	Vertical
*	13202.6	35.4	12.6	48.0	68.2	-20.2	Peak	Vertical
	15657.6	34.3	12.0	46.3	54.0	-7.7	Average	Vertical
	15713.5	53.0	11.8	64.8	74.0	-9.2	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)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	52	Test Engineer:	Jone Zhang
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
*	10520.0	41.1	15.4	56.5	68.2	-11.7	Peak	Horizontal
	11582.5	32.3	17.2	49.5	74.0	-24.5	Peak	Horizontal
*	13418.5	31.4	19.5	50.9	68.2	-17.3	Peak	Horizontal
	15781.5	50.1	16.5	66.6	74.0	-7.4	Peak	Horizontal
	15783.4	30.2	16.6	46.8	54.0	-7.2	Average	Horizontal
*	10528.5	43.3	15.3	58.6	68.2	-9.6	Peak	Vertical
	11463.5	31.9	17.2	49.1	74.0	-24.9	Peak	Vertical
*	12874.5	31.8	16.8	48.6	68.2	-19.6	Peak	Vertical
	15781.5	47.4	16.5	63.9	74.0	-10.1	Peak	Vertical
	15787.2	27.6	16.8	44.4	54.0	-9.6	Average	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)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	60	Test Engineer:	Jone Zhang
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
*	10596.5	41.6	15.5	57.1	68.2	-11.1	Peak	Horizontal
	11676.0	31.8	17.5	49.3	74.0	-24.7	Peak	Horizontal
*	13095.5	31.7	17.9	49.6	68.2	-18.6	Peak	Horizontal
	15900.5	48.8	17.5	66.3	74.0	-7.7	Peak	Horizontal
	15900.5	28.4	17.5	45.9	54.0	-8.1	Average	Horizontal
*	10596.5	42.9	15.5	58.4	68.2	-9.8	Peak	Vertical
	11676.0	32.7	17.5	50.2	74.0	-23.8	Peak	Vertical
*	12908.5	31.7	17.2	48.9	68.2	-19.3	Peak	Vertical
	15900.5	46.3	17.5	63.8	74.0	-10.2	Peak	Vertical
	15900.5	26.2	17.5	43.7	54.0	-10.3	Average	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)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	64	Test Engineer:	Jone Zhang
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
*	10248.0	33.1	14.3	47.4	68.2	-20.8	Peak	Horizontal
	10647.5	36.0	15.7	51.7	74.0	-22.3	Peak	Horizontal
*	13078.5	32.1	17.8	49.9	68.2	-18.3	Peak	Horizontal
	15960.0	40.4	17.1	57.5	74.0	-16.5	Peak	Horizontal
	15960.0	27.7	17.1	44.8	54.0	-9.2	Average	Horizontal
*	10180.0	32.9	14.3	47.2	68.2	-21.0	Peak	Vertical
	10639.0	39.2	15.6	54.8	74.0	-19.2	Peak	Vertical
	10639.0	27.7	15.6	43.3	54.0	-10.7	Average	Vertical
*	12917.0	31.9	17.1	49.0	68.2	-19.2	Peak	Vertical
	15968.5	38.3	17.1	55.4	74.0	-18.6	Peak	Vertical
	15968.5	27.2	17.1	44.3	54.0	-9.7	Average	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)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	100	Test Engineer:	Jone Zhang
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
*	9551.0	33.4	12.8	46.2	68.2	-22.0	Peak	Horizontal
	11004.5	38.2	16.5	54.7	74.0	-19.3	Peak	Horizontal
	11004.5	26.6	16.5	43.1	54.0	-10.9	Average	Horizontal
*	13087.0	31.3	17.8	49.1	68.2	-19.1	Peak	Horizontal
	15900.5	32.4	17.5	49.9	74.0	-24.1	Peak	Horizontal
*	10231.0	32.7	14.4	47.1	68.2	-21.1	Peak	Vertical
	10996.0	38.3	16.5	54.8	74.0	-19.2	Peak	Vertical
	10996.0	26.2	16.5	42.7	54.0	-11.3	Average	Vertical
*	13444.0	31.2	19.6	50.8	68.2	-17.4	Peak	Vertical
	15892.0	33.2	17.5	50.7	74.0	-23.3	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)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	120	Test Engineer:	Jone Zhang
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
*	10129.0	33.5	13.6	47.1	68.2	-21.1	Peak	Horizontal
	11191.5	47.7	16.7	64.4	74.0	-9.6	Peak	Horizontal
	11210.1	32.7	17.1	49.8	54.0	-4.2	Average	Horizontal
	15535.0	32.9	17.4	50.3	74.0	-23.7	Peak	Horizontal
*	16801.5	41.1	20.0	61.1	68.2	-7.1	Peak	Horizontal
*	7995.5	37.0	10.8	47.8	68.2	-20.4	Peak	Vertical
	11208.1	31.5	17.0	48.5	54.0	-5.5	Average	Vertical
	11208.5	46.6	17.0	63.6	74.0	-10.4	Peak	Vertical
	16198.0	33.4	17.4	50.8	74.0	-23.2	Peak	Vertical
*	16801.5	47.6	20.0	67.6	68.2	-0.6	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)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	140	Test Engineer:	Jone Zhang
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
*	7774.5	34.2	10.5	44.7	68.2	-23.5	Peak	Horizontal
	11412.5	37.9	17.2	55.1	74.0	-18.9	Peak	Horizontal
	11412.5	27.5	17.2	44.7	54.0	-9.3	Average	Horizontal
	15458.5	33.8	17.4	51.2	74.0	-22.8	Peak	Horizontal
*	17354.0	34.7	22.7	57.4	68.2	-10.8	Peak	Horizontal
*	10282.0	32.7	14.6	47.3	68.2	-20.9	Peak	Vertical
	11395.5	39.0	17.2	56.2	74.0	-17.8	Peak	Vertical
	11395.5	26.2	17.2	43.4	54.0	-10.6	Average	Vertical
	15458.5	33.8	17.4	51.2	74.0	-22.8	Peak	Vertical
*	17345.5	32.3	22.8	55.1	68.2	-13.1	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)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	149	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
*	8650.0	37.1	8.8	45.9	68.2	-22.3	Peak	Horizontal
	11487.3	36.1	12.8	48.9	54.0	-5.1	Average	Horizontal
	11489.0	48.3	12.8	61.1	74.0	-12.9	Peak	Horizontal
	14480.4	34.7	15.8	50.5	74.0	-23.5	Peak	Horizontal
*	17235.0	42.9	15.9	58.8	68.2	-9.4	Peak	Horizontal
*	7248.7	34.9	8.1	43.0	68.2	-25.2	Peak	Vertical
	9114.5	34.2	9.5	43.7	74.0	-30.3	Peak	Vertical
	11489.0	50.5	12.8	63.3	74.0	-10.7	Peak	Vertical
	11491.3	39.3	12.8	52.1	54.0	-1.9	Average	Vertical
*	17235.0	48.0	15.9	63.9	68.2	-4.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	157	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
*	6689.6	34.2	5.8	40.0	68.2	-28.2	Peak	Horizontal
	9125.6	33.9	9.7	43.6	74.0	-30.4	Peak	Horizontal
	11571.5	38.1	12.6	50.7	54.0	-3.3	Average	Horizontal
	11582.5	48.1	12.6	60.7	74.0	-13.3	Peak	Horizontal
*	17362.5	44.7	16.9	61.6	68.2	-6.6	Peak	Horizontal
*	7858.7	34.0	8.4	42.4	68.2	-25.8	Peak	Vertical
	9429.5	34.0	10.5	44.5	74.0	-29.5	Peak	Vertical
	11571.3	39.7	12.6	52.3	54.0	-1.7	Average	Vertical
	11574.0	50.9	12.6	63.5	74.0	-10.5	Peak	Vertical
*	17354.0	48.5	16.9	65.4	68.2	-2.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	165	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
*	9679.5	32.2	10.9	43.1	68.2	-25.1	Peak	Horizontal
	11650.5	51.8	12.3	64.1	74.0	-9.9	Peak	Horizontal
	11651.7	39.7	12.3	52.0	54.0	-2.0	Average	Horizontal
	13258.7	35.2	12.8	48.0	74.0	-26.0	Peak	Horizontal
*	17473.0	43.6	17.2	60.8	68.2	-7.4	Peak	Horizontal
*	7979.5	34.7	8.7	43.4	68.2	-24.8	Peak	Vertical
	11650.5	51.1	12.3	63.4	74.0	-10.6	Peak	Vertical
	11651.8	40.7	12.3	53.0	54.0	-1.0	Average	Vertical
	13369.8	35.6	13.7	49.3	74.0	-24.7	Peak	Vertical
*	17473.0	48.5	17.2	65.7	68.2	-2.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	36	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
*	6857.5	33.9	6.4	40.3	68.2	-27.9	Peak	Horizontal
	8248.7	34.4	8.1	42.5	74.0	-31.5	Peak	Horizontal
*	9236.8	34.0	10.2	44.2	68.2	-24.0	Peak	Horizontal
	14490.6	35.2	15.8	51.0	74.0	-23.0	Peak	Horizontal
	7613.0	39.5	8.1	47.6	74.0	-26.4	Peak	Vertical
	9348.6	35.2	10.5	45.7	74.0	-28.3	Peak	Vertical
*	10358.5	36.7	12.2	48.9	68.2	-19.3	Peak	Vertical
*	14719.0	37.6	15.6	53.2	68.2	-15.0	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)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	44	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
*	7979.5	34.0	8.7	42.7	68.2	-25.5	Peak	Horizontal
	9117.5	34.0	9.5	43.5	74.0	-30.5	Peak	Horizontal
*	10452.0	40.6	12.0	52.6	68.2	-15.6	Peak	Horizontal
	15661.1	27.8	12.0	39.8	54.0	-14.2	Average	Horizontal
	15662.5	42.3	12.0	54.3	74.0	-19.7	Peak	Horizontal
	7630.0	41.8	8.0	49.8	74.0	-24.2	Peak	Vertical
*	10443.5	39.4	12.0	51.4	68.2	-16.8	Peak	Vertical
*	13920.0	37.6	14.7	52.3	68.2	-15.9	Peak	Vertical
	15661.4	32.2	12.0	44.2	54.0	-9.8	Average	Vertical
	15662.5	46.8	12.0	58.8	74.0	-15.2	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)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	48	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
*	10477.5	38.1	12.2	50.3	68.2	-17.9	Peak	Horizontal
	10945.0	35.8	13.1	48.9	74.0	-25.1	Peak	Horizontal
*	12970.0	34.2	12.1	46.3	68.2	-21.9	Peak	Horizontal
	15720.0	29.4	11.8	41.2	54.0	-12.8	Average	Horizontal
	15722.0	41.7	11.8	53.5	74.0	-20.5	Peak	Horizontal
	7706.5	39.4	8.0	47.4	74.0	-26.6	Peak	Vertical
*	10486.0	40.1	12.3	52.4	68.2	-15.8	Peak	Vertical
*	14175.0	37.1	15.3	52.4	68.2	-15.8	Peak	Vertical
	15720.0	32.3	11.8	44.1	54.0	-9.9	Average	Vertical
	15722.0	46.1	11.8	57.9	74.0	-16.1	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)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	52	Test Engineer:	Jone Zhang
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
*	10520.0	38.5	15.4	53.9	68.2	-14.3	Peak	Horizontal
	11540.0	33.0	17.3	50.3	74.0	-23.7	Peak	Horizontal
*	13503.5	32.4	19.6	52.0	68.2	-16.2	Peak	Horizontal
	15781.5	47.0	16.5	63.5	74.0	-10.5	Peak	Horizontal
	15781.5	30.6	16.5	47.1	54.0	-6.9	Average	Horizontal
*	10520.0	41.6	15.4	57.0	68.2	-11.2	Peak	Vertical
	11557.0	31.3	17.7	49.0	74.0	-25.0	Peak	Vertical
*	13818.0	31.9	20.5	52.4	68.2	-15.8	Peak	Vertical
	15780.8	27.1	16.5	43.6	54.0	-10.4	Average	Vertical
	15790.0	44.5	16.9	61.4	74.0	-12.6	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)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	60	Test Engineer:	Jone Zhang
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
*	9644.5	33.4	12.7	46.1	68.2	-22.1	Peak	Horizontal
	10605.0	40.2	15.5	55.7	74.0	-18.3	Peak	Horizontal
	10605.0	27.6	15.5	43.1	54.0	-10.9	Average	Horizontal
*	13826.5	31.8	20.4	52.2	68.2	-16.0	Peak	Horizontal
	15900.5	41.4	17.5	58.9	74.0	-15.1	Peak	Horizontal
	15900.5	28.7	17.5	46.2	54.0	-7.8	Average	Horizontal
*	7995.5	34.2	10.8	45.0	68.2	-23.2	Peak	Vertical
	10596.5	40.5	15.5	56.0	74.0	-18.0	Peak	Vertical
	10596.5	27.2	15.5	42.7	54.0	-11.3	Average	Vertical
*	13750.0	32.7	19.8	52.5	68.2	-15.7	Peak	Vertical
	15892.0	41.7	17.5	59.2	74.0	-14.8	Peak	Vertical
	15892.0	27.8	17.5	45.3	54.0	-8.7	Average	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)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	64	Test Engineer:	Jone Zhang
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
*	9831.5	32.8	13.2	46.0	68.2	-22.2	Peak	Horizontal
	10639.0	33.5	15.6	49.1	74.0	-24.9	Peak	Horizontal
*	13461.0	31.8	19.7	51.5	68.2	-16.7	Peak	Horizontal
	15603.0	33.1	17.3	50.4	74.0	-23.6	Peak	Horizontal
*	7995.5	36.0	10.8	46.8	68.2	-21.4	Peak	Vertical
	10639.0	39.0	15.6	54.6	74.0	-19.4	Peak	Vertical
	10639.0	27.5	15.6	43.1	54.0	-10.9	Average	Vertical
*	13104.0	31.8	18.0	49.8	68.2	-18.4	Peak	Vertical
	15577.5	33.0	17.4	50.4	74.0	-23.6	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)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	100	Test Engineer:	Jone Zhang
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
*	9831.5	33.7	13.2	46.9	68.2	-21.3	Peak	Horizontal
	11004.5	38.7	16.5	55.2	74.0	-18.8	Peak	Horizontal
	11004.5	28.0	16.5	44.5	54.0	-9.5	Average	Horizontal
*	13461.0	31.4	19.7	51.1	68.2	-17.1	Peak	Horizontal
	15730.5	33.4	16.8	50.2	74.0	-23.8	Peak	Horizontal
*	7970.0	36.4	10.8	47.2	68.2	-21.0	Peak	Vertical
	10996.0	38.5	16.5	55.0	74.0	-19.0	Peak	Vertical
	10996.0	26.8	16.5	43.3	54.0	-10.7	Average	Vertical
*	13444.0	30.9	19.6	50.5	68.2	-17.7	Peak	Vertical
	15892.0	32.4	17.5	49.9	74.0	-24.1	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)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	120	Test Engineer:	Jone Zhang
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
*	10537.0	32.4	15.3	47.7	68.2	-20.5	Peak	Horizontal
	11200.0	46.4	16.9	63.3	74.0	-10.7	Peak	Horizontal
	11200.0	28.9	16.9	45.8	54.0	-8.2	Average	Horizontal
	15909.0	32.5	17.1	49.6	74.0	-24.4	Peak	Horizontal
*	16801.5	40.5	20.0	60.5	68.2	-7.7	Peak	Horizontal
*	10299.0	32.3	14.8	47.1	68.2	-21.1	Peak	Vertical
	11200.0	44.6	16.9	61.5	74.0	-12.5	Peak	Vertical
	11200.0	29.4	16.9	46.3	54.0	-7.7	Average	Vertical
	15790.0	32.6	16.9	49.5	74.0	-24.5	Peak	Vertical
*	16801.5	44.7	20.0	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)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	140	Test Engineer:	Jone Zhang
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
*	10299.0	32.7	14.8	47.5	68.2	-20.7	Peak	Horizontal
	11395.5	37.8	17.2	55.0	74.0	-19.0	Peak	Horizontal
	11395.5	27.0	17.2	44.2	54.0	-9.8	Average	Horizontal
*	13401.5	31.4	19.1	50.5	68.2	-17.7	Peak	Horizontal
	15552.0	32.6	17.5	50.1	74.0	-23.9	Peak	Horizontal
*	10562.5	33.0	15.3	48.3	68.2	-19.9	Peak	Vertical
	11395.5	36.0	17.2	53.2	74.0	-20.8	Peak	Vertical
	15892.0	32.8	17.5	50.3	74.0	-23.7	Peak	Vertical
*	17379.5	32.5	23.2	55.7	68.2	-12.5	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)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	149	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
*	8987.2	34.1	8.9	43.0	68.2	-25.2	Peak	Horizontal
	11489.0	48.8	12.8	61.6	74.0	-12.4	Peak	Horizontal
	11490.0	37.3	12.8	50.1	54.0	-3.9	Average	Horizontal
	13347.2	36.2	13.5	49.7	74.0	-24.3	Peak	Horizontal
*	17226.5	41.1	16.0	57.1	68.2	-11.1	Peak	Horizontal
*	6882.7	35.0	6.4	41.4	68.2	-26.8	Peak	Vertical
	9113.5	34.7	9.5	44.2	74.0	-29.8	Peak	Vertical
	11489.0	50.3	12.8	63.1	74.0	-10.9	Peak	Vertical
	11490.2	38.1	12.8	50.9	54.0	-3.1	Average	Vertical
*	17243.5	45.7	16.0	61.7	68.2	-6.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	157	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
*	7117.5	34.2	7.6	41.8	68.2	-26.4	Peak	Horizontal
	9478.3	32.9	10.6	43.5	74.0	-30.5	Peak	Horizontal
	11570.4	40.1	12.6	52.7	54.0	-1.3	Average	Horizontal
	11574.0	48.9	12.6	61.5	74.0	-12.5	Peak	Horizontal
*	17354.0	40.4	16.9	57.3	68.2	-10.9	Peak	Horizontal
*	7985.2	34.4	8.7	43.1	68.2	-25.1	Peak	Vertical
	11570.3	39.2	12.6	51.8	54.0	-2.2	Average	Vertical
	11574.0	49.6	12.6	62.2	74.0	-11.8	Peak	Vertical
	14480.0	35.3	15.8	51.1	74.0	-22.9	Peak	Vertical
*	17345.5	44.5	16.8	61.3	68.2	-6.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	165	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
*	8628.2	34.9	8.8	43.7	68.2	-24.5	Peak	Horizontal
	11650.2	40.2	12.3	52.5	54.0	-1.5	Average	Horizontal
	11650.5	52.4	12.3	64.7	74.0	-9.3	Peak	Horizontal
	13352.2	35.3	13.5	48.8	74.0	-25.2	Peak	Horizontal
*	17473.0	40.9	17.2	58.1	68.2	-10.1	Peak	Horizontal
*	6998.7	34.8	6.8	41.6	68.2	-26.6	Peak	Vertical
	9125.4	34.0	9.7	43.7	74.0	-30.3	Peak	Vertical
	11650.2	40.3	12.3	52.6	54.0	-1.4	Average	Vertical
	11650.5	49.5	12.3	61.8	74.0	-12.2	Peak	Vertical
*	17473.0	46.1	17.2	63.3	68.2	-4.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	38	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
*	6825.1	34.6	6.2	40.8	68.2	-27.4	Peak	Horizontal
	8148.2	33.7	8.5	42.2	74.0	-31.8	Peak	Horizontal
	11475.2	33.9	12.7	46.6	74.0	-27.4	Peak	Horizontal
*	14678.4	35.2	15.7	50.9	68.2	-17.3	Peak	Horizontal
*	6556.3	32.9	6.0	38.9	68.2	-29.3	Peak	Vertical
	7325.4	33.9	8.0	41.9	74.0	-32.1	Peak	Vertical
	11457.2	33.4	12.7	46.1	74.0	-27.9	Peak	Vertical
*	13125.5	33.1	12.5	45.6	68.2	-22.6	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)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	46	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
*	7979.3	34.6	8.7	43.3	68.2	-24.9	Peak	Horizontal
	9147.5	33.8	9.8	43.6	74.0	-30.4	Peak	Horizontal
*	10460.5	39.6	12.1	51.7	68.2	-16.5	Peak	Horizontal
	15713.5	41.0	11.8	52.8	74.0	-21.2	Peak	Horizontal
*	7881.2	34.6	8.4	43.0	68.2	-25.2	Peak	Vertical
	9123.3	33.8	9.6	43.4	74.0	-30.6	Peak	Vertical
*	10460.5	38.6	12.1	50.7	68.2	-17.5	Peak	Vertical
	15693.4	34.2	11.9	46.1	54.0	-7.9	Average	Vertical
	15705.0	46.6	11.8	58.4	74.0	-15.6	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)

Test Mode:	802.11n-HT40	Test Site:	AC2
Test Channel:	54	Test Engineer:	Jone Zhang
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
*	10537.0	37.6	15.3	52.9	68.2	-15.3	Peak	Horizontal
	11378.5	32.6	17.0	49.6	74.0	-24.4	Peak	Horizontal
*	13750.0	31.8	19.8	51.6	68.2	-16.6	Peak	Horizontal
	15790.0	45.4	16.9	62.3	74.0	-11.7	Peak	Horizontal
	15790.0	27.5	16.9	44.4	54.0	-9.6	Average	Horizontal
*	10537.0	39.4	15.3	54.7	68.2	-13.5	Peak	Vertical
	11565.5	31.6	17.6	49.2	74.0	-24.8	Peak	Vertical
*	13818.0	32.1	20.5	52.6	68.2	-15.6	Peak	Vertical
	15815.5	44.3	16.3	60.6	74.0	-13.4	Peak	Vertical
	15815.5	29.4	16.3	45.7	54.0	-8.3	Average	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)

Test Mode:	802.11n-HT40	Test Site:	AC2
Test Channel:	62	Test Engineer:	Jone Zhang
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
*	10282.0	32.7	14.6	47.3	68.2	-20.9	Peak	Horizontal
	11429.5	32.2	17.0	49.2	74.0	-24.8	Peak	Horizontal
*	13716.0	32.0	19.7	51.7	68.2	-16.5	Peak	Horizontal
	15951.5	35.8	17.2	53.0	74.0	-21.0	Peak	Horizontal
*	10018.5	33.3	13.2	46.5	68.2	-21.7	Peak	Vertical
	10622.0	35.1	15.6	50.7	74.0	-23.3	Peak	Vertical
*	13818.0	31.3	20.5	51.8	68.2	-16.4	Peak	Vertical
	15611.5	32.5	17.3	49.8	74.0	-24.2	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)

Test Mode:	802.11n-HT40	Test Site:	AC2
Test Channel:	102	Test Engineer:	Jone Zhang
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
*	10129.0	33.5	13.6	47.1	68.2	-21.1	Peak	Horizontal
	11038.5	32.6	16.6	49.2	74.0	-24.8	Peak	Horizontal
*	13112.5	31.7	18.0	49.7	68.2	-18.5	Peak	Horizontal
	15892.0	32.2	17.5	49.7	74.0	-24.3	Peak	Horizontal
*	10256.5	32.7	14.3	47.0	68.2	-21.2	Peak	Vertical
	11013.0	32.9	16.4	49.3	74.0	-24.7	Peak	Vertical
*	13452.5	31.0	19.7	50.7	68.2	-17.5	Peak	Vertical
	16011.0	33.1	17.1	50.2	74.0	-23.8	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)

Test Mode:	802.11n-HT40	Test Site:	AC2
Test Channel:	118	Test Engineer:	Jone Zhang
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
*	10154.5	33.0	13.8	46.8	68.2	-21.4	Peak	Horizontal
	11191.5	47.7	16.7	64.4	74.0	-9.6	Peak	Horizontal
	11191.5	30.5	16.7	47.2	54.0	-6.8	Average	Horizontal
	15594.5	32.9	17.3	50.2	74.0	-23.8	Peak	Horizontal
*	16759.0	41.4	19.7	61.1	68.2	-7.1	Peak	Horizontal
*	10180.0	33.0	14.3	47.3	68.2	-20.9	Peak	Vertical
	11183.0	43.2	16.7	59.9	74.0	-14.1	Peak	Vertical
	11183.0	31.0	16.7	47.7	54.0	-6.3	Average	Vertical
	15654.0	32.6	17.3	49.9	74.0	-24.1	Peak	Vertical
*	16776.0	42.0	20.6	62.6	68.2	-5.6	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)

Test Mode:	802.11n-HT40	Test Site:	AC2
Test Channel:	134	Test Engineer:	Jone Zhang
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
*	10180.0	32.8	14.3	47.1	68.2	-21.1	Peak	Horizontal
	11336.0	37.3	17.0	54.3	74.0	-19.7	Peak	Horizontal
	11336.0	27.1	17.0	44.1	54.0	-9.9	Average	Horizontal
*	13486.5	31.3	19.2	50.5	68.2	-17.7	Peak	Horizontal
	15994.0	32.3	17.0	49.3	74.0	-24.7	Peak	Horizontal
*	10528.5	32.0	15.3	47.3	68.2	-20.9	Peak	Vertical
	11344.5	34.6	17.1	51.7	74.0	-22.3	Peak	Vertical
*	13750.0	32.1	19.8	51.9	68.2	-16.3	Peak	Vertical
	15739.0	32.9	17.2	50.1	74.0	-23.9	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)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	151	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
	7626.4	34.8	8.0	42.8	74.0	-31.2	Peak	Horizontal
*	9545.1	34.0	10.5	44.5	68.2	-23.7	Peak	Horizontal
	11509.7	37.3	12.8	50.1	54.0	-3.9	Average	Horizontal
	11514.5	48.8	12.8	61.6	74.0	-12.4	Peak	Horizontal
*	17269.0	41.1	16.1	57.2	68.2	-11.0	Peak	Horizontal
*	6767.4	34.7	5.8	40.5	68.2	-27.7	Peak	Vertical
	8256.8	34.8	8.1	42.9	74.0	-31.1	Peak	Vertical
	11509.1	37.0	12.8	49.8	54.0	-4.2	Average	Vertical
	11514.5	48.2	12.8	61.0	74.0	-13.0	Peak	Vertical
*	17269.0	44.7	16.1	60.8	68.2	-7.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	159	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
*	6998.9	34.6	6.8	41.4	68.2	-26.8	Peak	Horizontal
	9445.6	34.1	10.5	44.6	74.0	-29.4	Peak	Horizontal
	11589.6	37.2	12.6	49.8	54.0	-4.2	Average	Horizontal
	11591.0	48.3	12.6	60.9	74.0	-13.1	Peak	Horizontal
*	17396.5	42.0	17.1	59.1	68.2	-9.1	Peak	Horizontal
*	6776.4	34.5	5.9	40.4	68.2	-27.8	Peak	Vertical
	8448.7	34.2	8.2	42.4	74.0	-31.6	Peak	Vertical
	11589.1	36.7	12.6	49.3	54.0	-4.7	Average	Vertical
	11591.0	48.0	12.6	60.6	74.0	-13.4	Peak	Vertical
*	17388.0	44.0	17.0	61.0	68.2	-7.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	36	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
*	6554.2	31.8	6.0	37.8	68.2	-30.4	Peak	Horizontal
*	8545.2	33.8	8.3	42.1	68.2	-26.1	Peak	Horizontal
	9475.8	34.1	10.6	44.7	74.0	-29.3	Peak	Horizontal
	11690.9	32.9	12.0	44.9	74.0	-29.1	Peak	Horizontal
	7638.5	38.7	8.0	46.7	74.0	-27.3	Peak	Vertical
*	9247.4	33.5	10.2	43.7	68.2	-24.5	Peak	Vertical
*	10358.5	35.4	12.2	47.6	68.2	-20.6	Peak	Vertical
	14472.5	36.9	15.8	52.7	74.0	-21.3	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)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	44	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
*	6714.3	34.3	5.8	40.1	68.2	-28.1	Peak	Horizontal
	8334.8	34.0	8.0	42.0	74.0	-32.0	Peak	Horizontal
*	10443.5	39.6	12.0	51.6	68.2	-16.6	Peak	Horizontal
	15662.5	41.1	12.0	53.1	74.0	-20.9	Peak	Horizontal
*	7878.8	34.9	8.4	43.3	68.2	-24.9	Peak	Vertical
	9115.6	33.5	9.5	43.0	74.0	-31.0	Peak	Vertical
*	10443.5	43.8	12.0	55.8	68.2	-12.4	Peak	Vertical
	15661.3	32.9	12.0	44.9	54.0	-9.1	Average	Vertical
	15662.5	45.9	12.0	57.9	74.0	-16.1	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)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	48	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
*	7918.5	34.3	8.4	42.7	68.2	-25.5	Peak	Horizontal
	9335.6	35.0	10.4	45.4	74.0	-28.6	Peak	Horizontal
*	10477.5	40.9	12.2	53.1	68.2	-15.1	Peak	Horizontal
	15722.0	42.2	11.8	54.0	74.0	-20.0	Peak	Horizontal
*	7991.4	35.3	8.7	44.0	68.2	-24.2	Peak	Vertical
	9116.5	33.9	9.5	43.4	74.0	-30.6	Peak	Vertical
*	10477.5	41.8	12.2	54.0	68.2	-14.2	Peak	Vertical
	15719.9	32.4	11.8	44.2	54.0	-9.8	Average	Vertical
	15730.5	45.8	11.8	57.6	74.0	-16.4	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)

Test Mode:	802.11ac-VHT20	Test Site:	AC2
Test Channel:	52	Test Engineer:	Jone Zhang
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
*	10520.0	39.3	15.4	54.7	68.2	-13.5	Peak	Horizontal
	11625.0	31.5	17.4	48.9	74.0	-25.1	Peak	Horizontal
*	13486.5	30.6	19.2	49.8	68.2	-18.4	Peak	Horizontal
	15773.0	43.8	16.3	60.1	74.0	-13.9	Peak	Horizontal
	15773.0	31.1	16.3	47.4	54.0	-6.6	Average	Horizontal
*	10520.0	42.9	15.4	58.3	68.2	-9.9	Peak	Vertical
	11557.0	31.1	17.7	48.8	74.0	-25.2	Peak	Vertical
*	13818.0	31.5	20.5	52.0	68.2	-16.2	Peak	Vertical
	15781.5	46.3	16.5	62.8	74.0	-11.2	Peak	Vertical
	15781.5	29.5	16.5	46.0	54.0	-8.0	Average	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)

Test Mode:	802.11ac-VHT20	Test Site:	AC2
Test Channel:	60	Test Engineer:	Jone Zhang
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
*	10596.5	40.7	15.5	56.2	68.2	-12.0	Peak	Horizontal
	11599.5	31.4	17.1	48.5	74.0	-25.5	Peak	Horizontal
*	14175.0	31.4	21.4	52.8	68.2	-15.4	Peak	Horizontal
	15909.0	44.1	17.1	61.2	74.0	-12.8	Peak	Horizontal
	15909.0	28.9	17.1	46.0	54.0	-8.0	Average	Horizontal
*	9670.0	33.3	12.6	45.9	68.2	-22.3	Peak	Vertical
	10605.0	41.6	15.5	57.1	74.0	-16.9	Peak	Vertical
	10605.0	27.4	15.5	42.9	54.0	-11.1	Average	Vertical
*	13503.5	31.6	19.6	51.2	68.2	-17.0	Peak	Vertical
	15909.0	43.7	17.1	60.8	74.0	-13.2	Peak	Vertical
	15909.0	28.4	17.1	45.5	54.0	-8.5	Average	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)

Test Mode:	802.11ac-VHT20	Test Site:	AC2
Test Channel:	64	Test Engineer:	Jone Zhang
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
*	10545.5	32.5	15.3	47.8	68.2	-20.4	Peak	Horizontal
	11616.5	31.5	17.5	49.0	74.0	-25.0	Peak	Horizontal
*	13801.0	32.1	20.0	52.1	68.2	-16.1	Peak	Horizontal
	15705.0	32.5	17.1	49.6	74.0	-24.4	Peak	Horizontal
*	10069.5	33.3	13.5	46.8	68.2	-21.4	Peak	Vertical
	10647.5	36.8	15.7	52.5	74.0	-21.5	Peak	Vertical
*	13801.0	32.1	20.0	52.1	68.2	-16.1	Peak	Vertical
	15892.0	33.1	17.5	50.6	74.0	-23.4	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)

Test Mode:	802.11ac-VHT20	Test Site:	AC2
Test Channel:	100	Test Engineer:	Jone Zhang
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
*	10222.5	33.1	14.3	47.4	68.2	-20.8	Peak	Horizontal
	10996.0	37.6	16.5	54.1	74.0	-19.9	Peak	Horizontal
	10996.0	26.3	16.5	42.8	54.0	-11.2	Average	Horizontal
*	13843.5	31.2	20.1	51.3	68.2	-16.9	Peak	Horizontal
	15756.0	32.9	16.7	49.6	74.0	-24.4	Peak	Horizontal
*	9916.5	33.0	13.4	46.4	68.2	-21.8	Peak	Vertical
	10996.0	36.5	16.5	53.0	74.0	-21.0	Peak	Vertical
*	13707.5	31.2	19.5	50.7	68.2	-17.5	Peak	Vertical
	15985.5	32.7	16.9	49.6	74.0	-24.4	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)

Test Mode:	802.11ac-VHT20	Test Site:	AC2
Test Channel:	120	Test Engineer:	Jone Zhang
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
*	10188.5	32.8	14.1	46.9	68.2	-21.3	Peak	Horizontal
	11208.5	49.8	17.0	66.8	74.0	-7.2	Peak	Horizontal
	11208.5	31.4	17.0	48.4	54.0	-5.6	Average	Horizontal
	12152.0	31.4	16.9	48.3	74.0	-25.7	Peak	Horizontal
*	16801.5	43.1	20.0	63.1	68.2	-5.1	Peak	Horizontal
*	10146.0	33.0	13.8	46.8	68.2	-21.4	Peak	Vertical
	11200.0	44.4	16.9	61.3	74.0	-12.7	Peak	Vertical
	11200.0	29.4	16.9	46.3	54.0	-7.7	Average	Vertical
	16164.0	32.6	17.4	50.0	74.0	-24.0	Peak	Vertical
*	16801.5	43.0	20.0	63.0	68.2	-5.2	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)

Test Mode:	802.11ac-VHT20	Test Site:	AC2
Test Channel:	140	Test Engineer:	Jone Zhang
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
*	10214.0	33.6	14.1	47.7	68.2	-20.5	Peak	Horizontal
	11404.0	35.1	17.2	52.3	74.0	-21.7	Peak	Horizontal
*	13699.0	32.2	19.2	51.4	68.2	-16.8	Peak	Horizontal
	16155.5	33.6	17.2	50.8	74.0	-23.2	Peak	Horizontal
*	10316.0	32.3	14.7	47.0	68.2	-21.2	Peak	Vertical
	11395.5	36.1	17.2	53.3	74.0	-20.7	Peak	Vertical
*	13818.0	30.8	20.5	51.3	68.2	-16.9	Peak	Vertical
	15985.5	33.0	16.9	49.9	74.0	-24.1	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)

Test Mode:	802.11ac-VHT20	Test Site:	AC2
Test Channel:	144	Test Engineer:	Jone Zhang
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
*	10197.0	33.7	13.9	47.6	68.2	-20.6	Peak	Horizontal
	11446.5	50.7	17.1	67.8	74.0	-6.2	Peak	Horizontal
	11446.5	34.0	17.1	51.1	54.0	-2.9	Average	Horizontal
	16011.0	33.7	17.1	50.8	74.0	-23.2	Peak	Horizontal
*	17158.5	41.8	20.9	62.7	68.2	-5.5	Peak	Horizontal
*	10486.0	33.0	14.7	47.7	68.2	-20.5	Peak	Vertical
	11438.0	49.4	17.0	66.4	74.0	-7.6	Peak	Vertical
	11438.0	32.0	17.0	49.0	54.0	-5.0	Average	Vertical
	15467.0	33.0	17.7	50.7	74.0	-23.3	Peak	Vertical
*	17158.5	39.9	20.9	60.8	68.2	-7.4	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)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	149	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
*	6828.5	33.9	6.2	40.1	68.2	-28.1	Peak	Horizontal
	9465.1	34.1	10.5	44.6	74.0	-29.4	Peak	Horizontal
	11489.0	49.5	12.8	62.3	74.0	-11.7	Peak	Horizontal
	11490.3	38.3	12.8	51.1	54.0	-2.9	Average	Horizontal
*	17235.0	44.0	15.9	59.9	68.2	-8.3	Peak	Horizontal
*	7115.8	35.0	7.6	42.6	68.2	-25.6	Peak	Vertical
	9157.4	34.5	9.8	44.3	74.0	-29.7	Peak	Vertical
	11489.0	49.3	12.8	62.1	74.0	-11.9	Peak	Vertical
	11490.3	38.5	12.8	51.3	54.0	-2.7	Average	Vertical
*	17235.0	45.1	15.9	61.0	68.2	-7.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	157	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
*	7008.5	35.0	6.9	41.8	68.2	-26.4	Peak	Horizontal
	9447.3	33.7	10.5	44.2	74.0	-29.8	Peak	Horizontal
	11570.3	39.9	12.6	52.6	54.0	-1.4	Average	Horizontal
	11574.0	49.2	12.6	61.9	74.0	-12.1	Peak	Horizontal
*	17354.0	41.5	16.9	58.4	68.2	-9.8	Peak	Horizontal
*	7135.4	35.0	6.9	41.9	68.2	-26.3	Peak	Vertical
	9125.8	33.7	10.5	44.2	74.0	-29.8	Peak	Vertical
	11565.5	39.9	12.6	52.5	74.0	-21.5	Peak	Vertical
	11570.3	49.2	12.6	61.8	54.0	7.8	Average	Vertical
*	17362.5	41.5	16.9	58.4	68.2	-9.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	165	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
*	6978.0	34.5	6.8	41.3	68.2	-26.9	Peak	Horizontal
	8256.4	33.5	8.1	41.6	74.0	-32.4	Peak	Horizontal
	11650.5	51.9	12.3	64.2	74.0	-9.8	Peak	Horizontal
	11650.5	41.2	12.3	53.5	54.0	-0.5	Average	Horizontal
*	17464.5	40.2	17.2	57.4	68.2	-10.8	Peak	Horizontal
*	7101.5	35.4	7.5	42.9	68.2	-25.3	Peak	Vertical
	8264.7	35.2	8.1	43.3	74.0	-30.7	Peak	Vertical
	11642.0	49.8	12.4	62.2	74.0	-11.8	Peak	Vertical
	11650.4	40.4	12.3	52.7	54.0	-1.3	Average	Vertical
*	17473.0	46.1	17.2	63.3	68.2	-4.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	38	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
*	6978.8	34.7	6.8	41.5	68.2	-26.7	Peak	Horizontal
	7352.6	34.3	8.0	42.3	74.0	-31.7	Peak	Horizontal
*	9233.3	34.1	10.1	44.2	68.2	-24.0	Peak	Horizontal
	11770.5	33.4	11.9	45.3	74.0	-28.7	Peak	Horizontal
*	6887.6	35.2	6.5	41.7	68.2	-26.5	Peak	Vertical
	7336.8	33.7	8.0	41.7	74.0	-32.3	Peak	Vertical
*	9228.5	34.4	10.1	44.5	68.2	-23.7	Peak	Vertical
	13368.3	35.7	13.6	49.3	74.0	-24.7	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)

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	46	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
*	7999.3	34.3	8.7	43.0	68.2	-25.2	Peak	Horizontal
	9145.6	34.5	9.8	44.3	74.0	-29.7	Peak	Horizontal
*	10452.0	39.4	12.0	51.4	68.2	-16.8	Peak	Horizontal
	15705.0	43.7	11.8	55.5	74.0	-18.5	Peak	Horizontal
*	6671.4	33.7	5.9	39.6	68.2	-28.6	Peak	Vertical
	8228.5	34.4	8.2	42.6	74.0	-31.4	Peak	Vertical
*	10469.0	38.5	12.1	50.6	68.2	-17.6	Peak	Vertical
	15685.8	33.0	11.9	44.9	54.0	-9.1	Average	Vertical
	15696.5	45.0	11.9	56.9	74.0	-17.1	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)

Test Mode:	802.11ac-VHT40	Test Site:	AC2
Test Channel:	54	Test Engineer:	Jone Zhang
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
*	10545.5	40.6	15.3	55.9	68.2	-12.3	Peak	Horizontal
	11557.0	31.2	17.7	48.9	74.0	-25.1	Peak	Horizontal
*	13792.5	31.5	19.9	51.4	68.2	-16.8	Peak	Horizontal
	15798.5	41.0	17.1	58.1	74.0	-15.9	Peak	Horizontal
	15798.5	28.6	17.1	45.7	54.0	-8.3	Average	Horizontal
*	10545.5	41.0	15.3	56.3	68.2	-11.9	Peak	Vertical
	11548.5	31.1	17.5	48.6	74.0	-25.4	Peak	Vertical
*	13826.5	31.4	20.4	51.8	68.2	-16.4	Peak	Vertical
	15798.5	41.9	17.1	59.0	74.0	-15.0	Peak	Vertical
	15798.5	28.0	17.1	45.1	54.0	-8.9	Average	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)

Test Mode:	802.11ac-VHT40	Test Site:	AC2
Test Channel:	62	Test Engineer:	Jone Zhang
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
*	10418.0	33.1	14.9	48.0	68.2	-20.2	Peak	Horizontal
	11557.0	32.4	17.7	50.1	74.0	-23.9	Peak	Horizontal
*	13121.0	32.3	18.0	50.3	68.2	-17.9	Peak	Horizontal
	15739.0	32.4	17.2	49.6	74.0	-24.4	Peak	Horizontal
*	9610.5	33.3	12.5	45.8	68.2	-22.4	Peak	Vertical
	10630.5	36.0	15.5	51.5	74.0	-22.5	Peak	Vertical
*	13010.5	32.3	17.6	49.9	68.2	-18.3	Peak	Vertical
	15960.0	35.0	17.1	52.1	74.0	-21.9	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)

Test Mode:	802.11ac-VHT40	Test Site:	AC2
Test Channel:	102	Test Engineer:	Jone Zhang
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
*	9619.0	33.0	12.5	45.5	68.2	-22.7	Peak	Horizontal
	11030.0	34.1	16.7	50.8	74.0	-23.2	Peak	Horizontal
*	13869.0	32.1	20.6	52.7	68.2	-15.5	Peak	Horizontal
	15926.0	32.7	17.1	49.8	74.0	-24.2	Peak	Horizontal
*	10248.0	32.7	14.3	47.0	68.2	-21.2	Peak	Vertical
	11030.0	34.8	16.7	51.5	74.0	-22.5	Peak	Vertical
*	13121.0	31.7	18.0	49.7	68.2	-18.5	Peak	Vertical
	15501.0	33.1	17.6	50.7	74.0	-23.3	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)

Test Mode:	802.11ac-VHT40	Test Site:	AC2
Test Channel:	118	Test Engineer:	Jone Zhang
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
*	9772.0	33.8	12.7	46.5	68.2	-21.7	Peak	Horizontal
	11174.5	45.3	16.8	62.1	74.0	-11.9	Peak	Horizontal
	11174.5	31.1	16.8	47.9	54.0	-6.1	Average	Horizontal
	15790.0	33.6	16.9	50.5	74.0	-23.5	Peak	Horizontal
*	16767.5	40.9	20.2	61.1	68.2	-7.1	Peak	Horizontal
*	9882.5	33.5	13.3	46.8	68.2	-21.4	Peak	Vertical
	11166.0	42.1	16.9	59.0	74.0	-15.0	Peak	Vertical
	11166.0	30.5	16.9	47.4	54.0	-6.6	Average	Vertical
	15671.0	33.4	16.8	50.2	74.0	-23.8	Peak	Vertical
*	16776.0	41.7	20.6	62.3	68.2	-5.9	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)

Test Mode:	802.11ac-VHT40	Test Site:	AC2
Test Channel:	134	Test Engineer:	Jone Zhang
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
*	10256.5	32.7	14.3	47.0	68.2	-21.2	Peak	Horizontal
	11344.5	35.5	17.1	52.6	74.0	-21.4	Peak	Horizontal
*	13095.5	32.6	17.9	50.5	68.2	-17.7	Peak	Horizontal
	15722.0	33.7	16.5	50.2	74.0	-23.8	Peak	Horizontal
*	10282.0	32.9	14.6	47.5	68.2	-20.7	Peak	Vertical
	11344.5	34.1	17.1	51.2	74.0	-22.8	Peak	Vertical
	15909.0	33.2	17.1	50.3	74.0	-23.7	Peak	Vertical
*	17073.5	33.6	21.7	55.3	68.2	-12.9	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)

Test Mode:	802.11ac-VHT40	Test Site:	AC2
Test Channel:	142	Test Engineer:	Jone Zhang
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
*	10248.0	32.7	14.3	47.0	68.2	-21.2	Peak	Horizontal
	11429.5	49.0	17.0	66.0	74.0	-8.0	Peak	Horizontal
	11429.5	31.3	17.0	48.3	54.0	-5.7	Average	Horizontal
	16062.0	33.3	16.9	50.2	74.0	-23.8	Peak	Horizontal
*	17124.5	39.7	22.1	61.8	68.2	-6.4	Peak	Horizontal
*	10528.5	32.2	15.3	47.5	68.2	-20.7	Peak	Vertical
	11421.0	45.5	17.1	62.6	74.0	-11.4	Peak	Vertical
	11421.0	31.1	17.1	48.2	54.0	-5.8	Average	Vertical
	15900.5	32.1	17.5	49.6	74.0	-24.4	Peak	Vertical
*	17141.5	42.3	21.3	63.6	68.2	-4.6	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)

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	151	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
*	6779.8	34.2	5.9	40.1	68.2	-28.1	Peak	Horizontal
	8226.1	34.2	8.2	42.4	74.0	-31.6	Peak	Horizontal
	11506.0	47.4	12.8	60.2	74.0	-13.8	Peak	Horizontal
	11509.7	37.0	12.8	49.8	54.0	-4.2	Average	Horizontal
*	17286.0	38.7	16.4	55.1	68.2	-13.1	Peak	Horizontal
*	6823.6	34.0	6.2	40.2	68.2	-28.0	Peak	Vertical
	9114.6	33.7	9.5	43.2	74.0	-30.8	Peak	Vertical
	11509.3	37.1	12.8	49.9	54.0	-4.1	Average	Vertical
	11514.5	47.7	12.8	60.5	74.0	-13.5	Peak	Vertical
*	17252.0	44.8	16.1	60.9	68.2	-7.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	159	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
*	7992.5	35.0	8.7	43.7	68.2	-24.5	Peak	Horizontal
	9446.5	33.7	10.5	44.2	74.0	-29.8	Peak	Horizontal
	11589.6	37.0	12.6	49.6	54.0	-4.4	Average	Horizontal
	11591.0	47.5	12.6	60.1	74.0	-13.9	Peak	Horizontal
*	17396.5	42.2	17.1	59.3	68.2	-8.9	Peak	Horizontal
*	6917.2	35.3	6.6	41.9	68.2	-26.3	Peak	Vertical
	9127.3	34.6	9.7	44.3	74.0	-29.7	Peak	Vertical
	11588.9	37.9	12.6	50.5	54.0	-3.5	Average	Vertical
	11591.0	46.6	12.6	59.2	74.0	-14.8	Peak	Vertical
*	17396.5	48.2	17.1	65.3	68.2	-2.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	42	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
*	7115.8	35.3	7.6	42.9	68.2	-25.3	Peak	Horizontal
	8339.4	34.8	8.0	42.8	74.0	-31.2	Peak	Horizontal
*	9974.6	33.4	11.4	44.8	68.2	-23.4	Peak	Horizontal
	13348.2	35.3	13.5	48.8	74.0	-25.2	Peak	Horizontal
*	6992.4	34.7	6.8	41.5	68.2	-26.7	Peak	Vertical
*	8979.3	33.6	9.0	42.6	68.2	-25.6	Peak	Vertical
	11038.5	35.9	12.9	48.8	74.0	-25.2	Peak	Vertical
	13369.5	35.8	13.7	49.5	74.0	-24.5	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)

Test Mode:	802.11ac-VHT80	Test Site:	AC2
Test Channel:	58	Test Engineer:	Jone Zhang
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
*	10137.5	32.8	13.7	46.5	68.2	-21.7	Peak	Horizontal
	10911.0	32.6	16.4	49.0	74.0	-25.0	Peak	Horizontal
*	13843.5	31.6	20.1	51.7	68.2	-16.5	Peak	Horizontal
	15900.5	32.2	17.5	49.7	74.0	-24.3	Peak	Horizontal
*	10571.0	33.2	15.4	48.6	68.2	-19.6	Peak	Vertical
	11616.5	31.9	17.5	49.4	74.0	-24.6	Peak	Vertical
*	13503.5	30.9	19.6	50.5	68.2	-17.7	Peak	Vertical
	15713.5	33.6	16.8	50.4	74.0	-23.6	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)

Test Mode:	802.11ac-VHT80	Test Site:	AC2
Test Channel:	106	Test Engineer:	Jone Zhang
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
*	10375.5	32.6	14.9	47.5	68.2	-20.7	Peak	Horizontal
	11064.0	32.5	16.4	48.9	74.0	-25.1	Peak	Horizontal
*	13189.0	32.6	17.7	50.3	68.2	-17.9	Peak	Horizontal
	16011.0	32.7	17.1	49.8	74.0	-24.2	Peak	Horizontal
*	10299.0	32.0	14.8	46.8	68.2	-21.4	Peak	Vertical
	11055.5	32.1	16.6	48.7	74.0	-25.3	Peak	Vertical
*	13495.0	31.3	19.4	50.7	68.2	-17.5	Peak	Vertical
	16028.0	33.1	16.8	49.9	74.0	-24.1	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)

Test Mode:	802.11ac-VHT80	Test Site:	AC2
Test Channel:	122	Test Engineer:	Jone Zhang
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
*	10545.5	32.5	15.3	47.8	68.2	-20.4	Peak	Horizontal
	11225.5	44.3	16.9	61.2	74.0	-12.8	Peak	Horizontal
	11225.5	31.1	16.9	48.0	54.0	-6.0	Average	Horizontal
	16104.5	32.6	17.0	49.6	74.0	-24.4	Peak	Horizontal
*	16869.5	38.4	20.7	59.1	68.2	-9.1	Peak	Horizontal
*	10494.5	33.2	14.8	48.0	68.2	-20.2	Peak	Vertical
	11251.0	42.1	16.7	58.8	74.0	-15.2	Peak	Vertical
	11251.0	30.2	16.7	46.9	54.0	-7.1	Average	Vertical
	16011.0	33.0	17.1	50.1	74.0	-23.9	Peak	Vertical
*	16903.5	41.6	20.7	62.3	68.2	-5.9	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)

Test Mode:	802.11ac-VHT80	Test Site:	AC2
Test Channel:	138	Test Engineer:	Jone Zhang
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
*	10469.0	33.0	14.9	47.9	68.2	-20.3	Peak	Horizontal
	11395.0	31.6	17.2	48.8	54.0	-5.2	Average	Horizontal
	11395.5	44.2	17.2	61.4	74.0	-12.6	Peak	Horizontal
	15909.0	32.9	17.1	50.0	74.0	-24.0	Peak	Horizontal
*	17048.0	40.6	20.7	61.3	68.2	-6.9	Peak	Horizontal
*	9610.5	34.5	12.5	47.0	68.2	-21.2	Peak	Vertical
	11395.5	44.2	17.2	61.4	74.0	-12.6	Peak	Vertical
	11395.5	30.8	17.2	48.0	54.0	-6.0	Average	Vertical
	15909.0	33.4	17.1	50.5	74.0	-23.5	Peak	Vertical
*	17073.5	40.4	21.7	62.1	68.2	-6.1	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)

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	155	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
*	6694.5	34.8	5.8	40.6	68.2	-27.6	Peak	Horizontal
	9147.6	34.5	9.8	44.3	74.0	-29.7	Peak	Horizontal
	11550.0	34.5	12.7	47.2	54.0	-6.8	Average	Horizontal
	11574.0	44.9	12.6	57.5	74.0	-16.5	Peak	Horizontal
*	17320.0	38.8	16.7	55.5	68.2	-12.7	Peak	Horizontal
*	7006.9	34.5	6.9	41.4	68.2	-26.8	Peak	Vertical
	9114.7	34.5	9.5	44.0	74.0	-30.0	Peak	Vertical
	11548.5	45.0	12.7	57.7	74.0	-16.3	Peak	Vertical
	11550.3	33.3	12.7	46.0	54.0	-8.0	Average	Vertical
*	17320.0	44.9	16.7	61.6	68.2	-6.6	Peak	Vertical

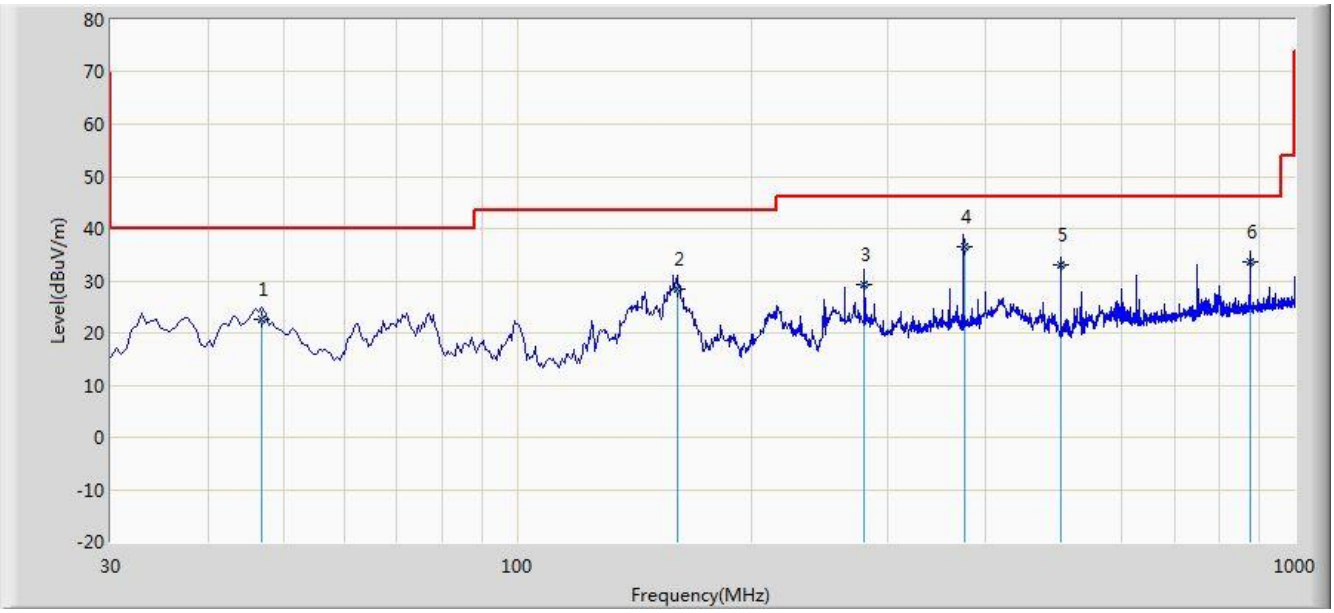
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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: 2016/12/19 - 17:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the worst case within frequency range 30MHz~1GHz.	

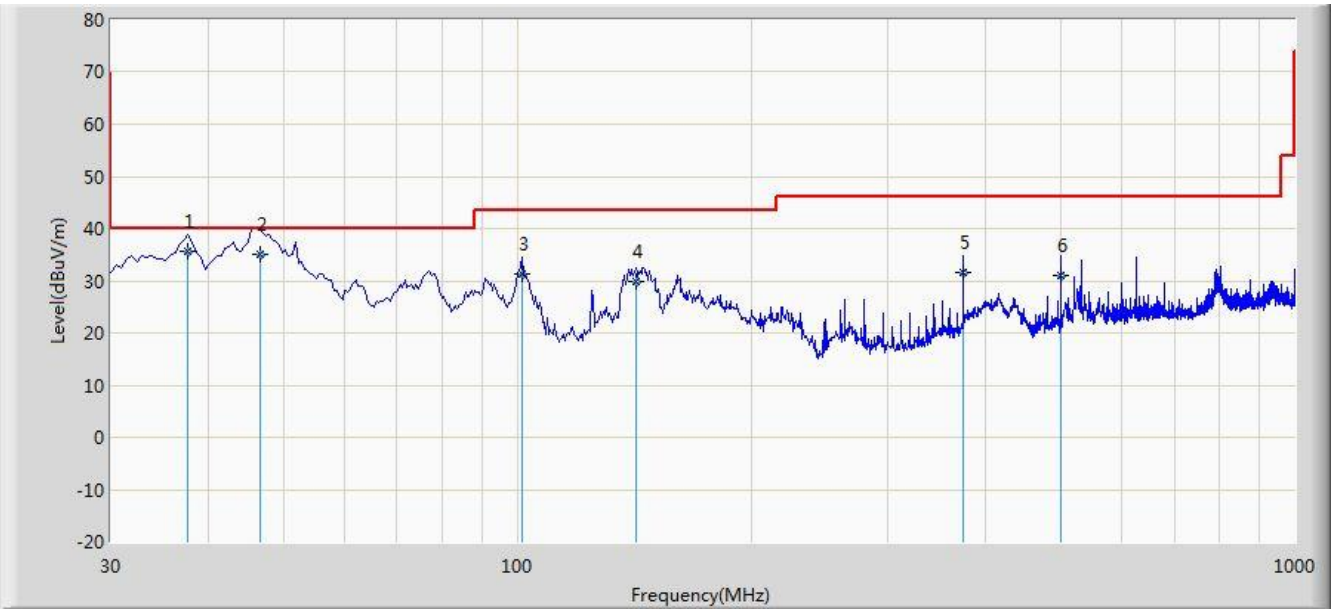


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			46.975	22.663	8.534	-17.337	40.000	14.129	QP
2			160.465	28.390	13.254	-15.110	43.500	15.136	QP
3			279.775	29.212	15.410	-16.788	46.000	13.802	QP
4		*	375.835	36.446	20.424	-9.554	46.000	16.022	QP
5			499.965	33.006	14.524	-12.994	46.000	18.482	QP
6			875.355	33.534	9.524	-12.466	46.000	24.010	QP

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

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

Site: AC1	Time: 2016/12/19 - 17:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: VULB 9168 _20-2000MHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the worst case within frequency range 30MHz~1GHz.	

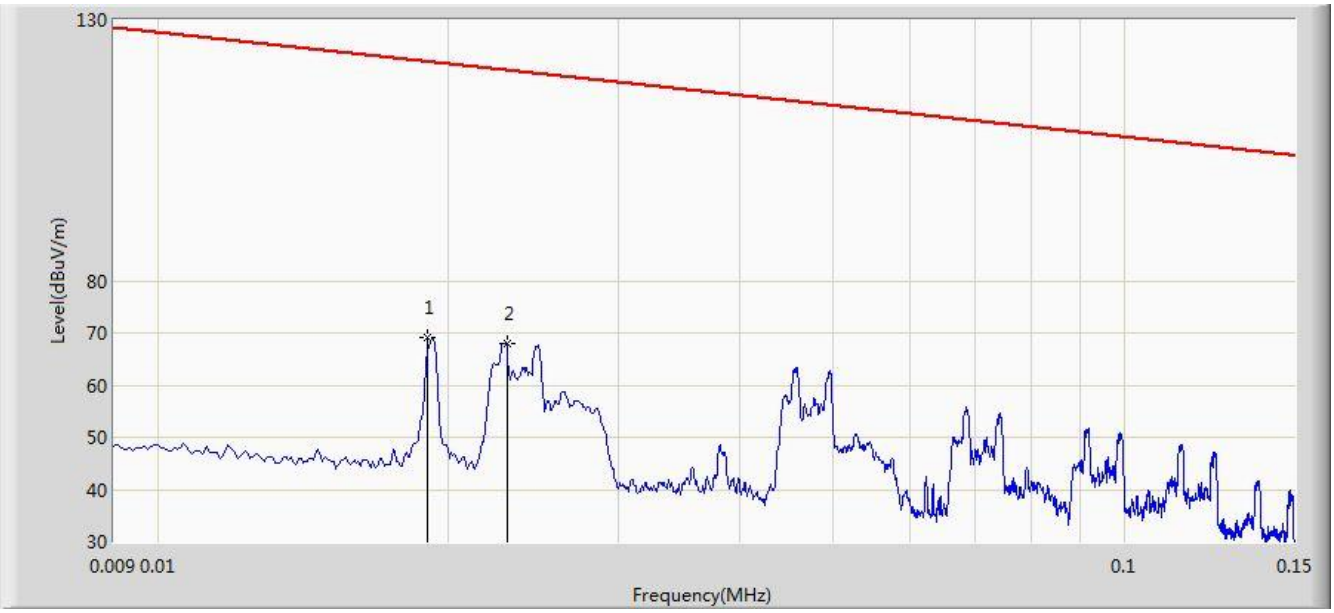


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	37.760	35.755	21.524	-4.245	40.000	14.231	QP
2			46.640	34.935	20.800	-5.065	40.000	14.135	QP
3			101.295	31.317	20.224	-12.183	43.500	11.093	QP
4			142.035	29.868	15.240	-13.632	43.500	14.628	QP
5			374.835	31.524	15.524	-14.476	46.000	16.000	QP
6			499.965	31.006	12.524	-14.994	46.000	18.482	QP

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

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

Site: AC1	Time: 2016/12/19 - 18:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: FMZB1519_0.009-30MHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the worst test data within frequency range 9kHz~30MHz.	

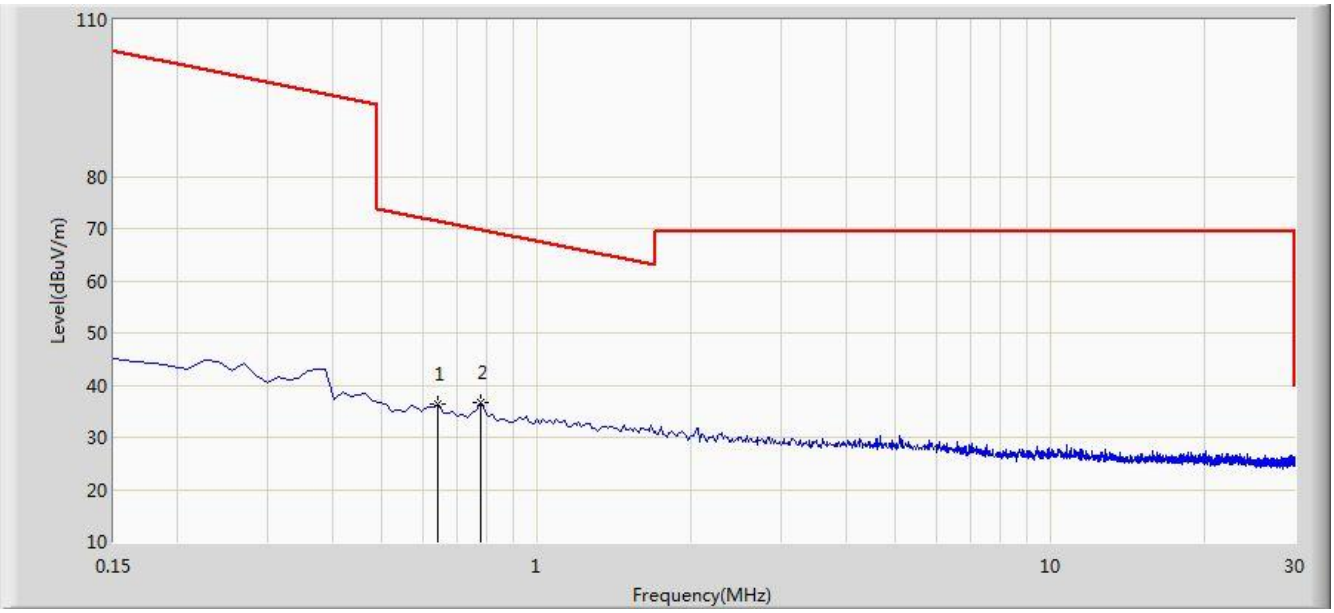


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.019	68.998	47.704	-53.016	122.013	21.294	PK
2		*	0.023	68.056	46.860	-52.299	120.355	21.196	PK

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

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

Site: AC1	Time: 2016/12/19 - 18:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: FMZB1519_0.009-30MHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the worst test data within frequency range 9kHz~30MHz.	

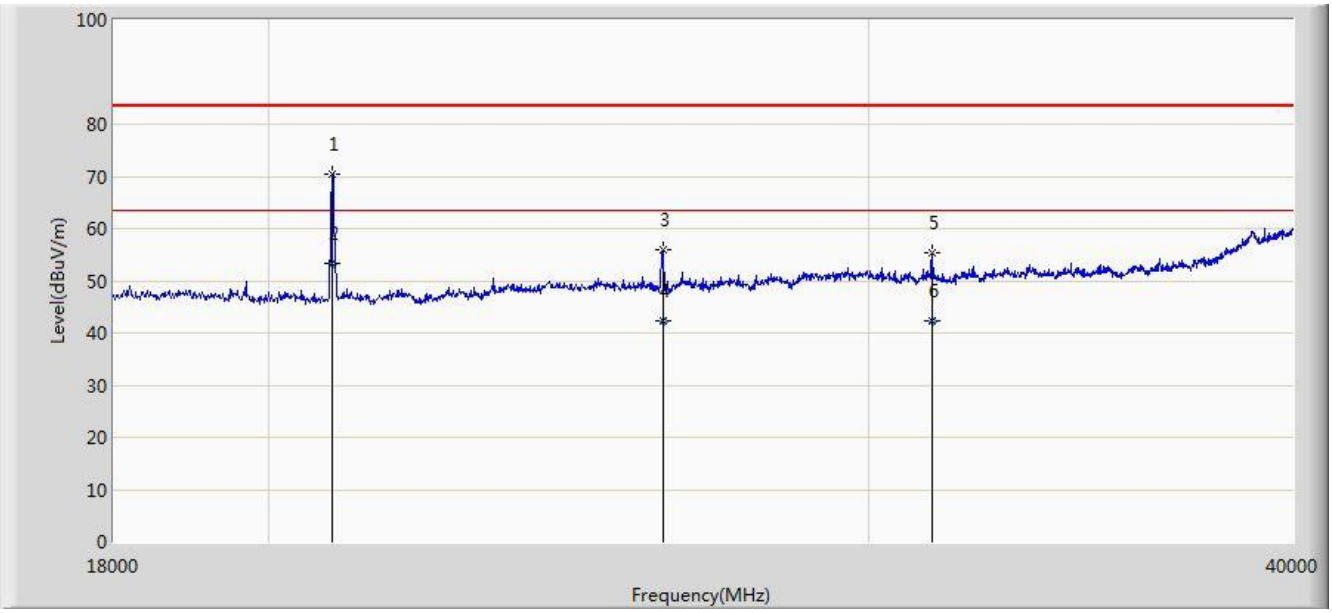


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.643	36.473	15.943	-34.974	71.446	20.529	PK
2		*	0.777	36.644	16.076	-33.163	69.807	20.568	PK

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

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

Site: AC1	Time: 2016/12/11 - 17:57
Limit: FCC_Part15.407_RE(1m)	Engineer: Jone Zhang
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the worst data within frequency range 18GHz~40GHz.	

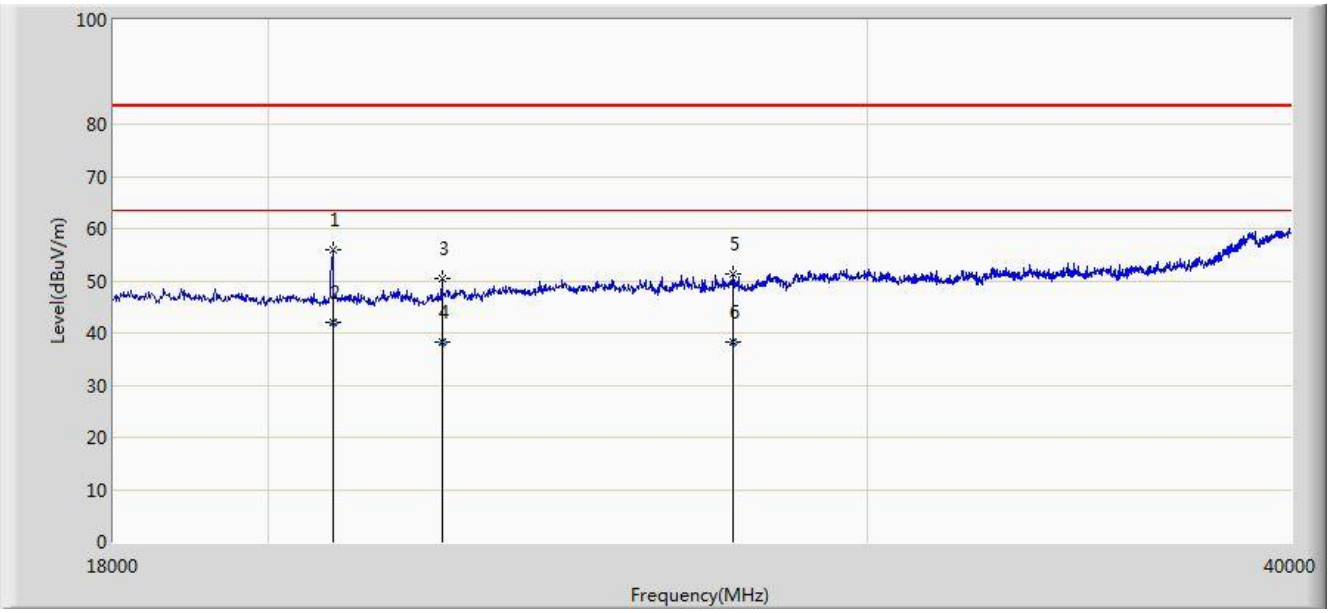


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			20871.000	70.567	62.902	-12.933	83.500	7.665	PK
2		*	20871.800	53.444	45.780	-10.056	63.500	7.664	AV
3			26107.000	56.031	44.993	-27.469	83.500	11.038	PK
4			26107.291	42.332	31.293	-21.168	63.500	11.038	AV
5			31321.000	55.256	42.847	-28.244	83.500	12.408	PK
6			31321.232	42.458	30.049	-21.042	63.500	12.409	AV

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: 2016/12/11 - 17:57
Limit: FCC_Part15.407_RE(1m)	Engineer: Jone Zhang
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the worst data within frequency range 18GHz~40GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			20893.000	55.864	48.237	-27.636	83.500	7.627	PK
2		*	20893.120	41.919	34.292	-21.581	63.500	7.627	AV
3			22499.000	50.500	42.364	-33.000	83.500	8.136	PK
4			22499.102	38.156	30.019	-25.344	63.500	8.137	AV
5			27416.000	51.269	39.393	-32.231	83.500	11.876	PK
6			27416.129	38.269	26.393	-25.231	63.500	11.876	AV

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

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

Limit@1m = 20*Log(500uV/m) + 20*Log(3m/1m) = 63.5dBμv/m (Average detector), and 83.5dBμv/m (Peak detector).

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	8.25 - 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 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of −17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of −27 dBm/MHz.

Refer to KDB 789033 D02v01r03 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz

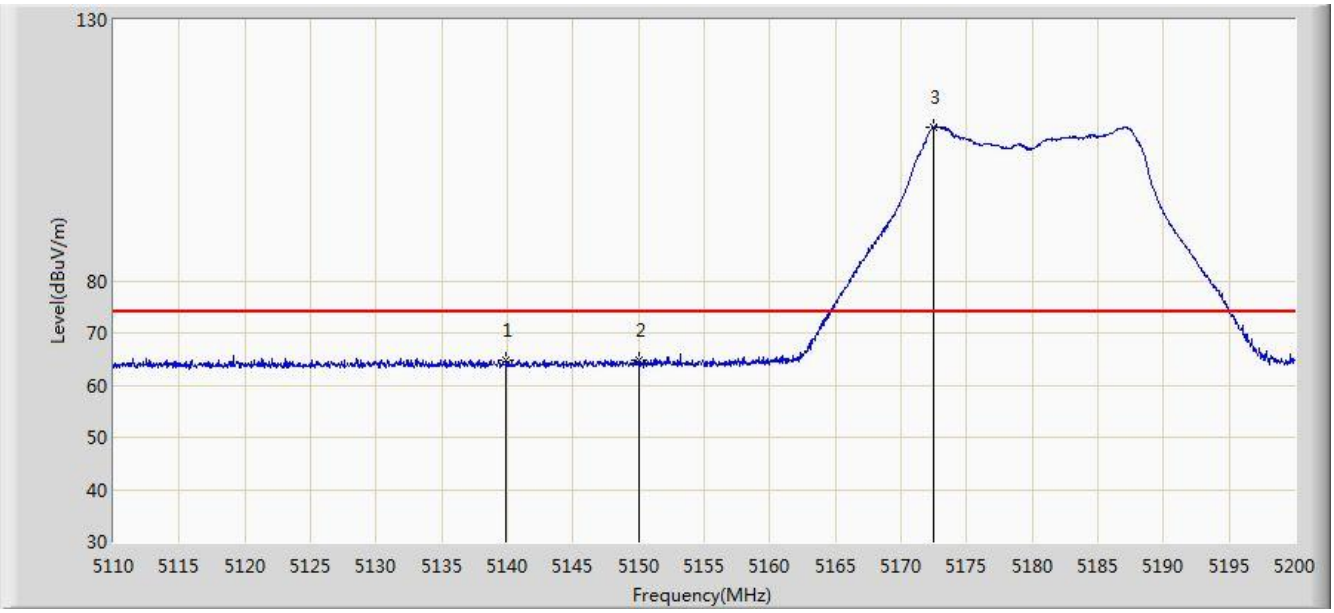
that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum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

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

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

Site: AC1	Time: 2016/11/30 - 10:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz, Ant 0+1+2+3	

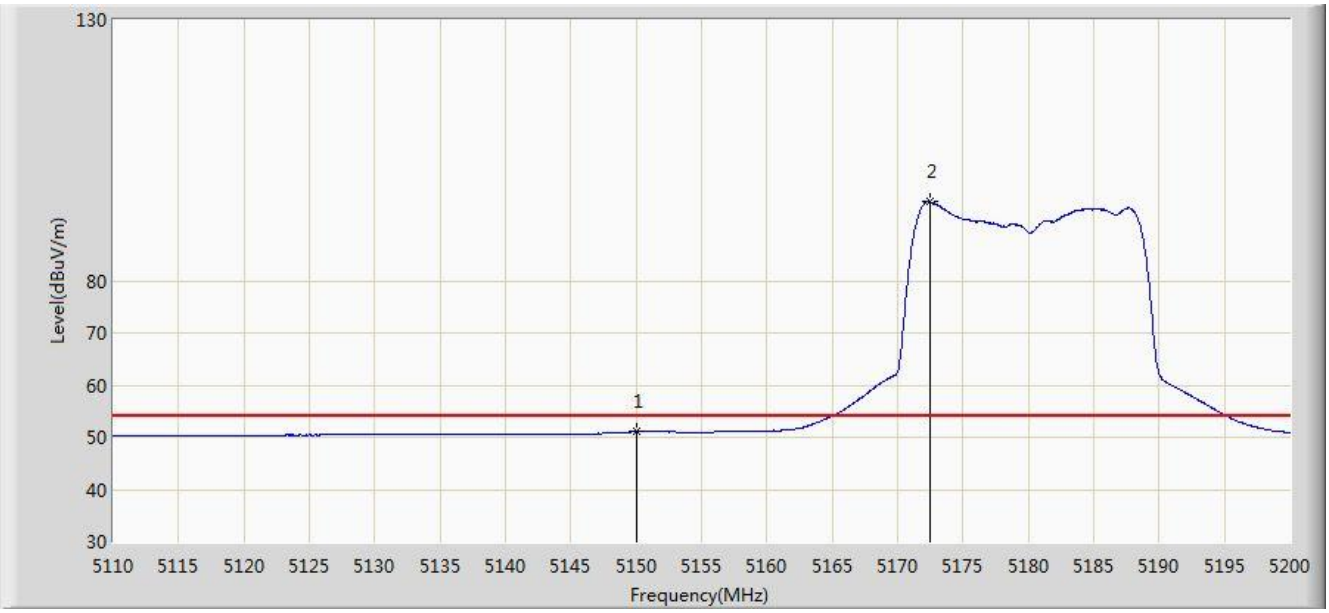


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5139.925	64.645	27.177	-9.355	74.000	37.467	PK
2			5150.000	64.805	27.353	-9.195	74.000	37.452	PK
3		*	5172.505	109.473	72.082	N/A	N/A	37.391	PK

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

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

Site: AC1	Time: 2016/11/30 - 10:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz, Ant 0+1+2+3	

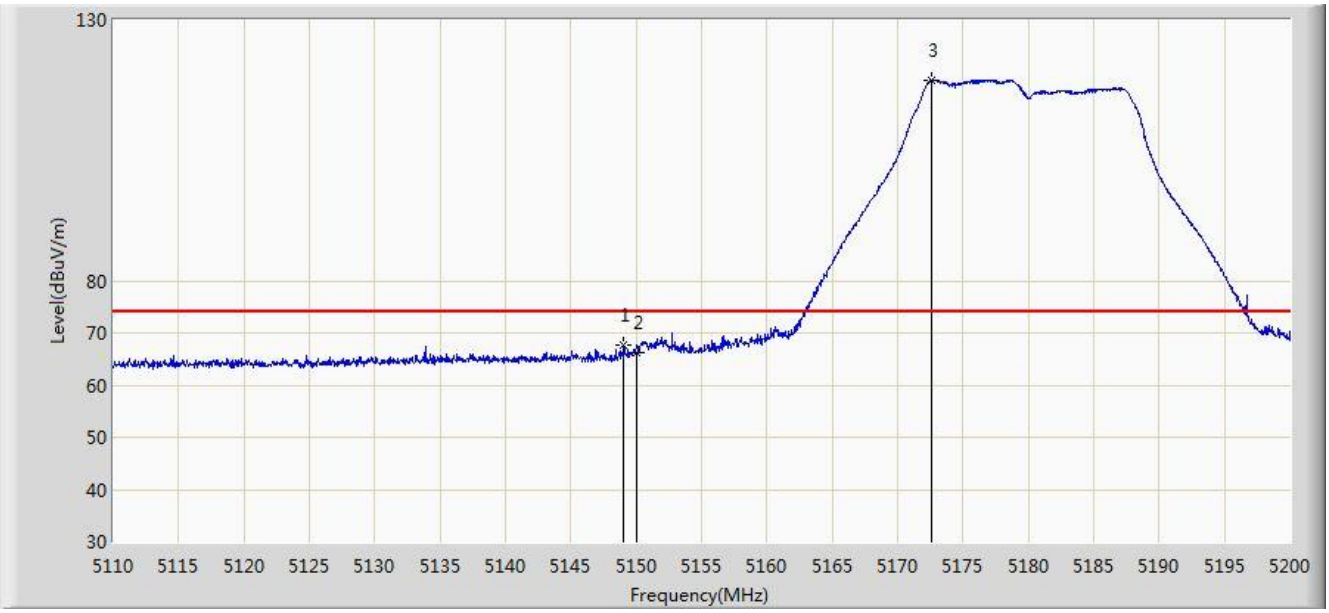


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.079	13.627	-2.921	54.000	37.452	AV
2		*	5172.505	95.144	57.753	N/A	N/A	37.391	AV

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

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

Site: AC1	Time: 2016/11/30 - 10:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz, Ant 0+1+2+3	

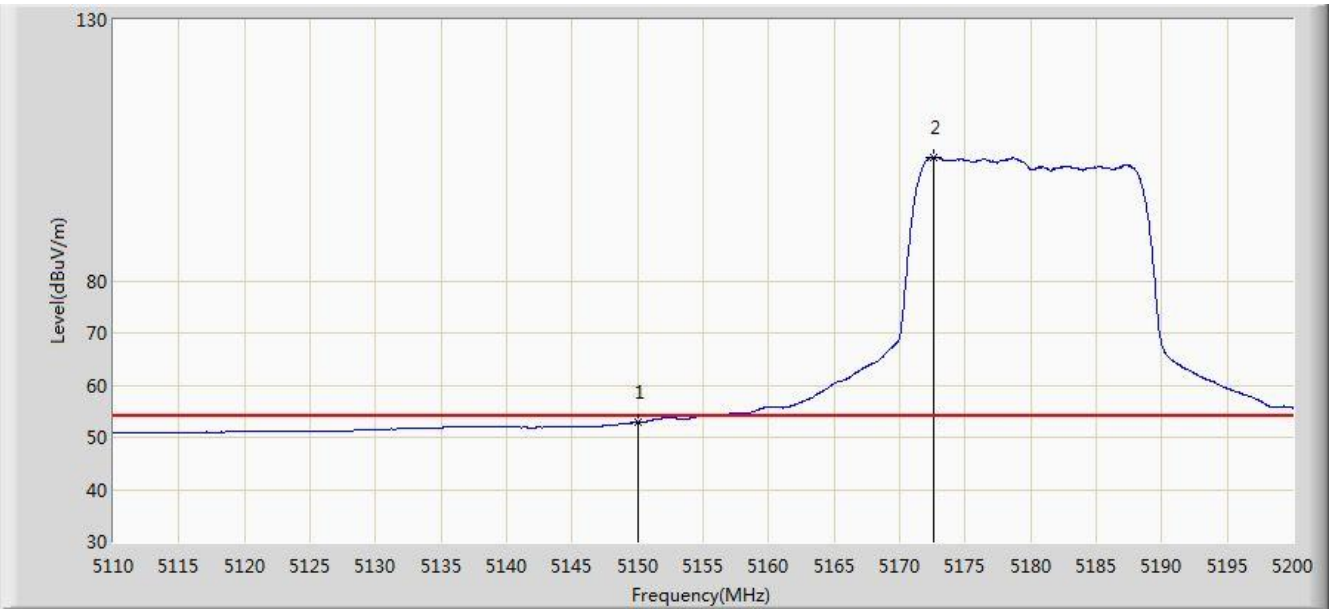


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.060	67.749	30.296	-6.251	74.000	37.453	PK
2			5150.000	66.269	28.817	-7.731	74.000	37.452	PK
3		*	5172.550	118.357	80.966	N/A	N/A	37.391	PK

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

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

Site: AC1	Time: 2016/11/30 - 10:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz, Ant 0+1+2+3	

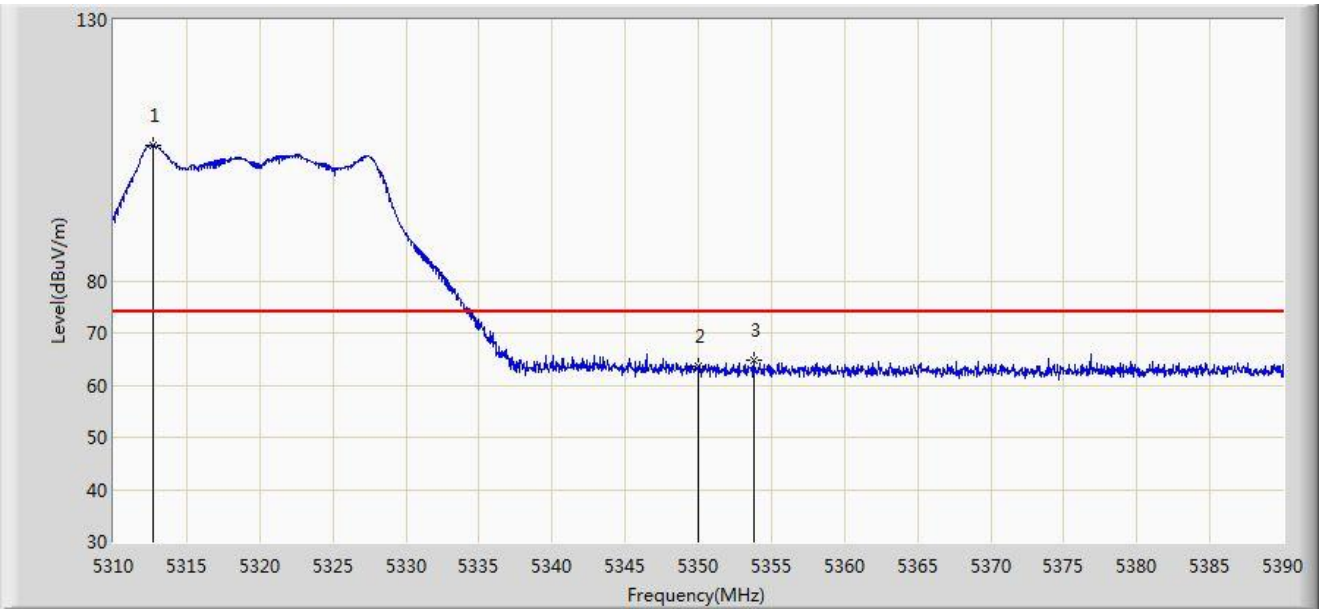


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.881	15.429	-1.119	54.000	37.452	AV
2		*	5172.640	103.645	66.255	N/A	N/A	37.390	AV

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

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

Site: AC2	Time: 2017/02/28 - 23:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11a at Channel 5320MHz Ant 0 + 1 + 2 + 3	

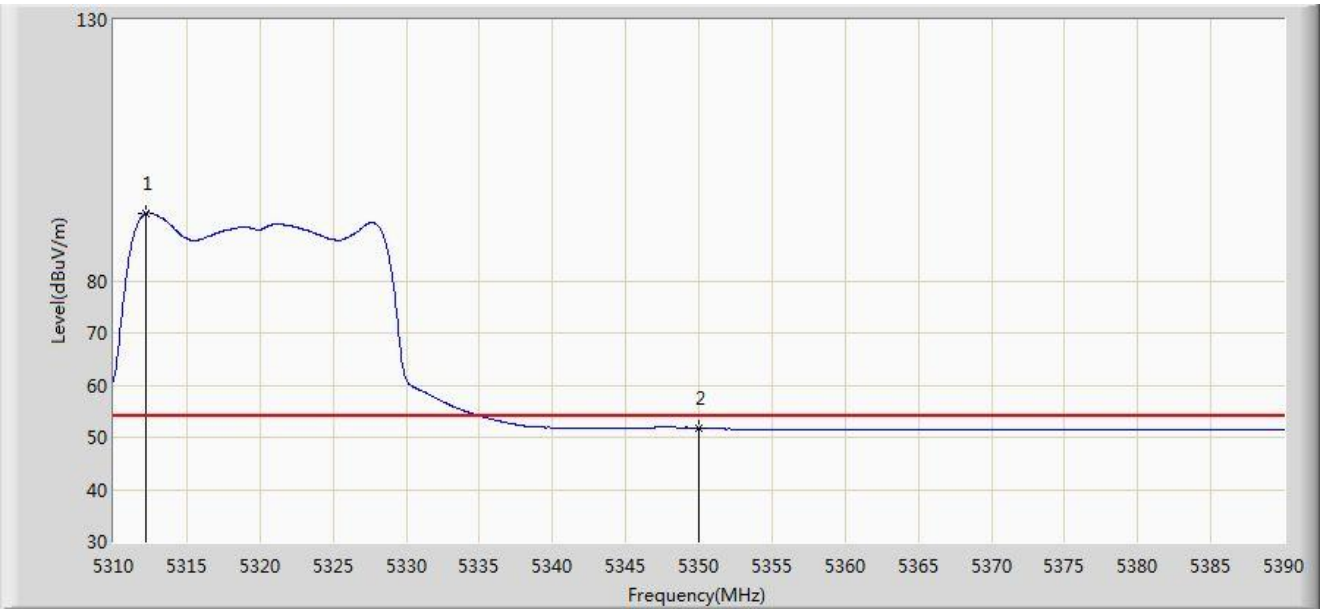


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5312.720	106.001	67.144	N/A	N/A	38.857	PK
2			5350.000	63.506	24.618	-10.494	74.000	38.888	PK
3			5353.760	64.709	25.817	-9.291	74.000	38.892	PK

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

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

Site: AC2	Time: 2017/02/28 - 23:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11a at Channel 5320MHz Ant 0 + 1 + 2 + 3	

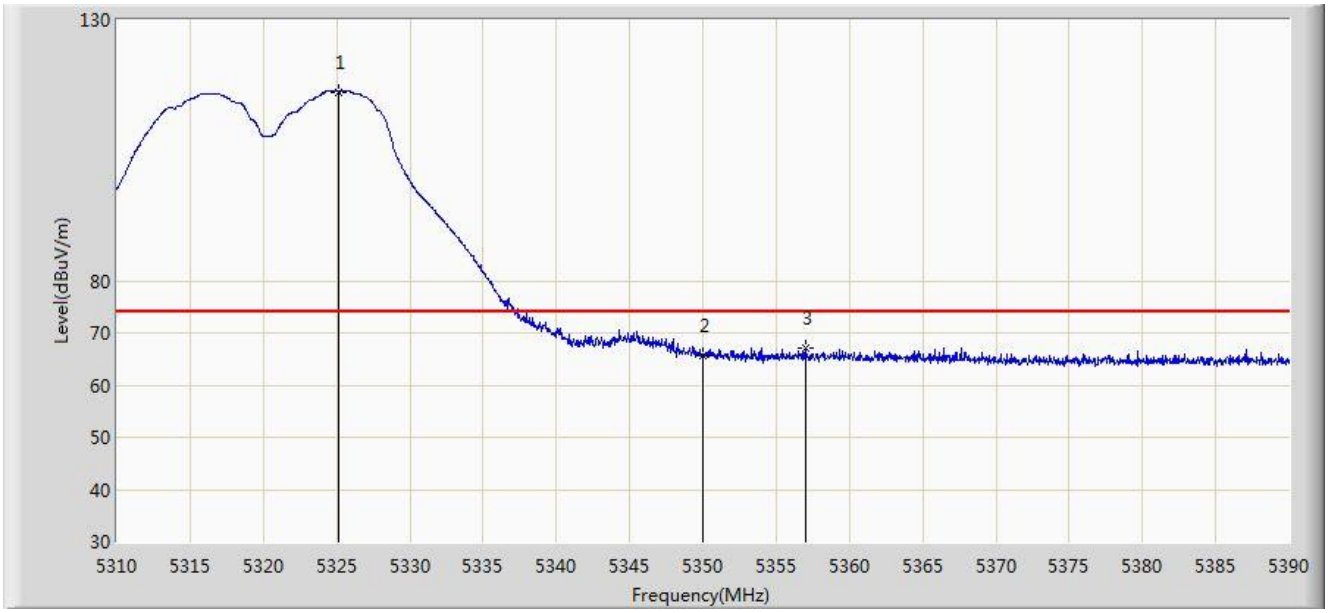


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5312.240	92.959	54.103	N/A	N/A	38.856	AV
2			5350.000	51.752	12.864	-2.248	54.000	38.888	AV

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

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

Site: AC2	Time: 2017/02/28 - 23:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11a at Channel 5320MHz Ant 0 + 1 + 2 + 3	

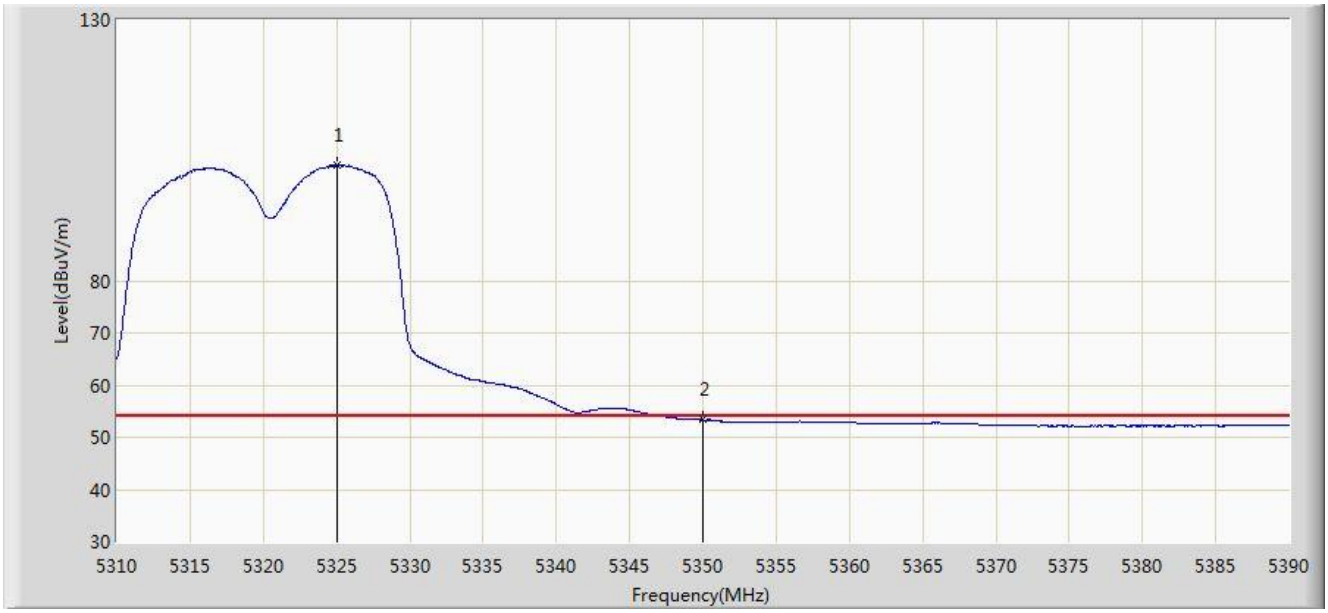


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.120	116.200	77.330	N/A	N/A	38.870	PK
2			5350.000	65.774	26.886	-8.226	74.000	38.888	PK
3			5357.000	67.158	28.266	-6.842	74.000	38.892	PK

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

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

Site: AC2	Time: 2017/02/28 - 23:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11a at Channel 5320MHz Ant 0 + 1 + 2 + 3	

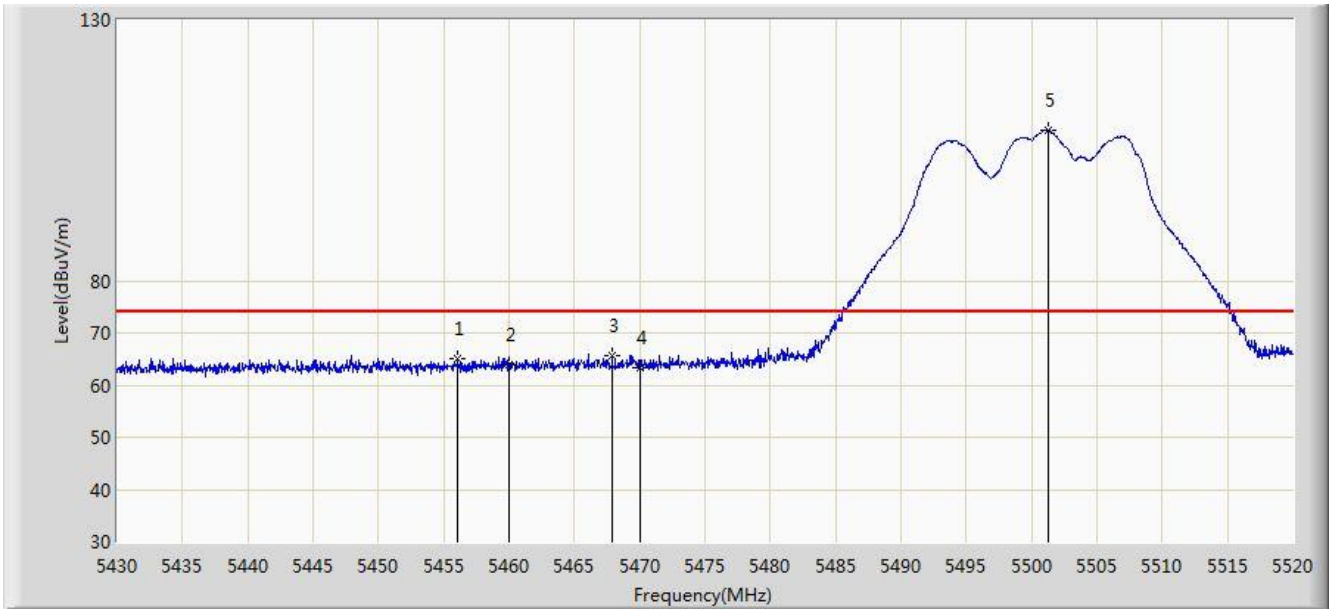


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.040	102.217	63.347	N/A	N/A	38.870	AV
2			5350.000	53.340	14.452	-0.660	54.000	38.888	AV

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

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

Site: AC2	Time: 2017/02/28 - 23:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11a at Channel 5500MHz Ant 0 + 1 + 2 + 3	

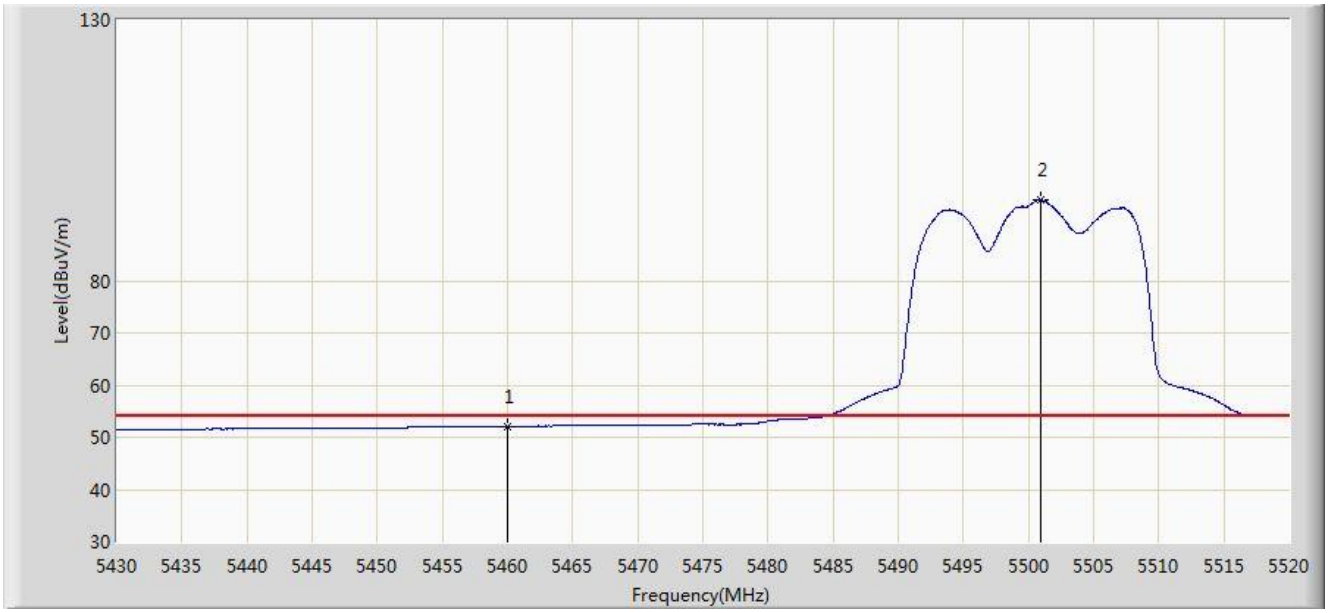


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5456.055	65.097	25.852	-8.903	74.000	39.245	PK
2			5460.000	64.015	24.729	-9.985	74.000	39.286	PK
3			5467.890	65.661	26.293	-8.339	74.000	39.368	PK
4			5470.000	63.320	23.930	-10.680	74.000	39.390	PK
5		*	5501.325	108.740	69.457	N/A	N/A	39.283	PK

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

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

Site: AC2	Time: 2017/02/28 - 23:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11a at Channel 5500MHz Ant 0 + 1 + 2 + 3	

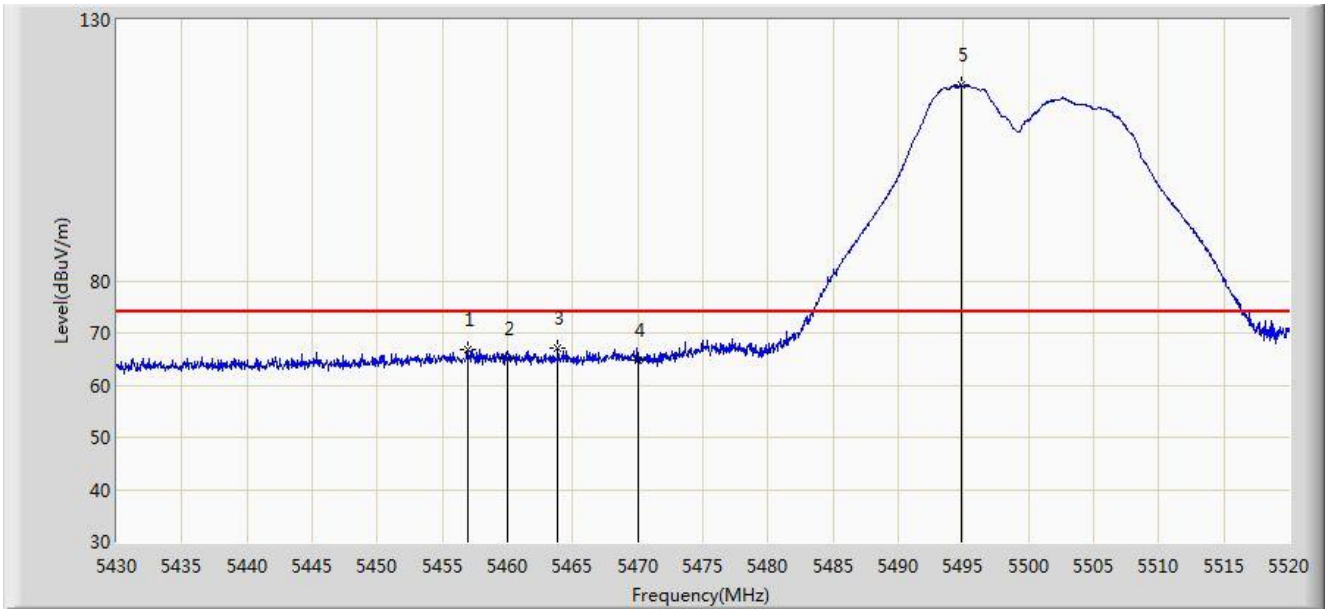


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	52.125	12.839	-1.875	54.000	39.286	AV
2		*	5500.920	95.479	56.194	N/A	N/A	39.285	AV

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

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

Site: AC2	Time: 2017/02/28 - 23:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11a at Channel 5500MHz Ant 0 + 1 + 2 + 3	

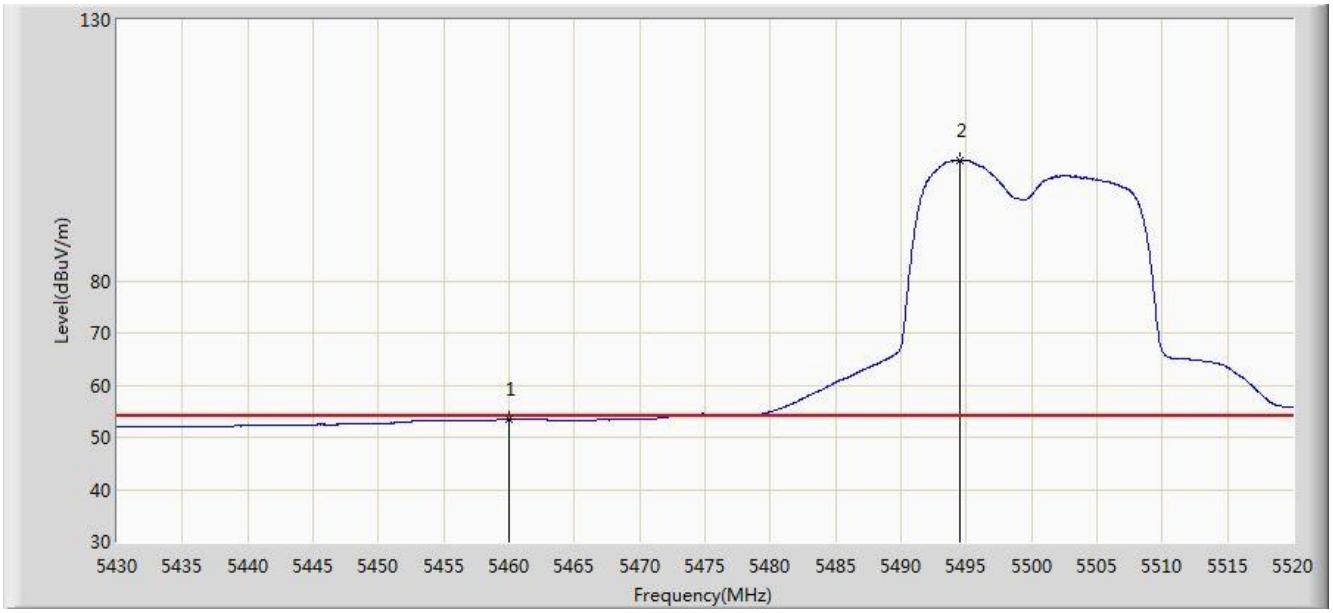


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5456.910	66.928	27.675	-7.072	74.000	39.254	PK
2			5460.000	65.019	25.733	-8.981	74.000	39.286	PK
3			5463.885	67.030	27.704	-6.970	74.000	39.326	PK
4			5470.000	64.852	25.462	-9.148	74.000	39.390	PK
5		*	5494.800	117.461	78.140	N/A	N/A	39.321	PK

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

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

Site: AC2	Time: 2017/02/28 - 23:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11a at Channel 5500MHz Ant 0 + 1 + 2 + 3	

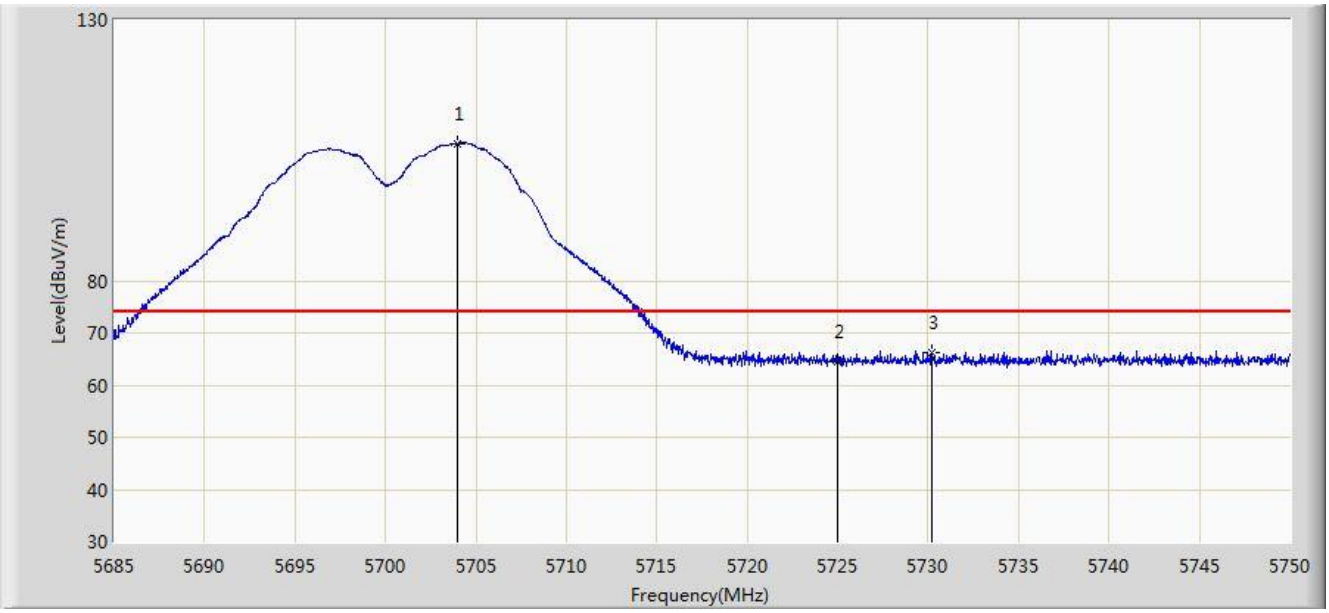


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	53.456	14.170	-0.544	54.000	39.286	AV
2		*	5494.485	103.140	63.817	N/A	N/A	39.323	AV

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

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

Site: AC2	Time: 2017/02/28 - 23:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11a at Channel 5700MHz Ant 0 + 1 + 2 + 3	

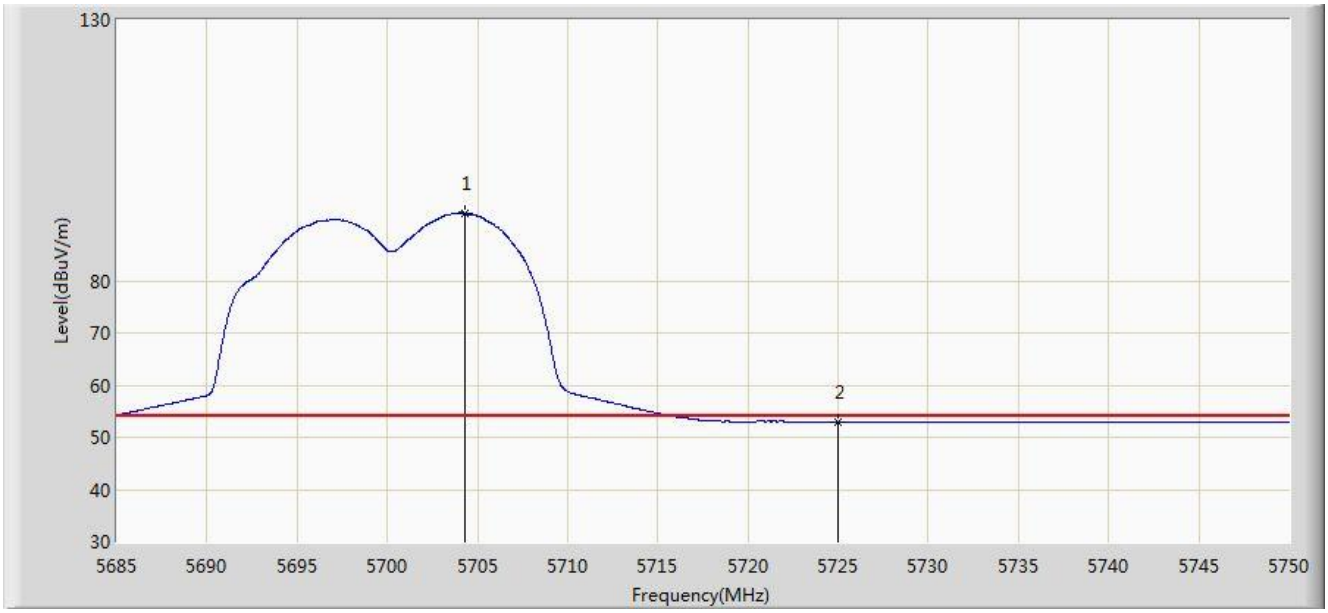


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5703.980	106.250	66.687	N/A	N/A	39.563	PK
2			5725.000	64.532	24.869	-9.468	74.000	39.663	PK
3			5730.240	66.300	26.596	-7.700	74.000	39.704	PK

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

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

Site: AC2	Time: 2017/02/28 - 23:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11a at Channel 5700MHz Ant 0 + 1 + 2 + 3	

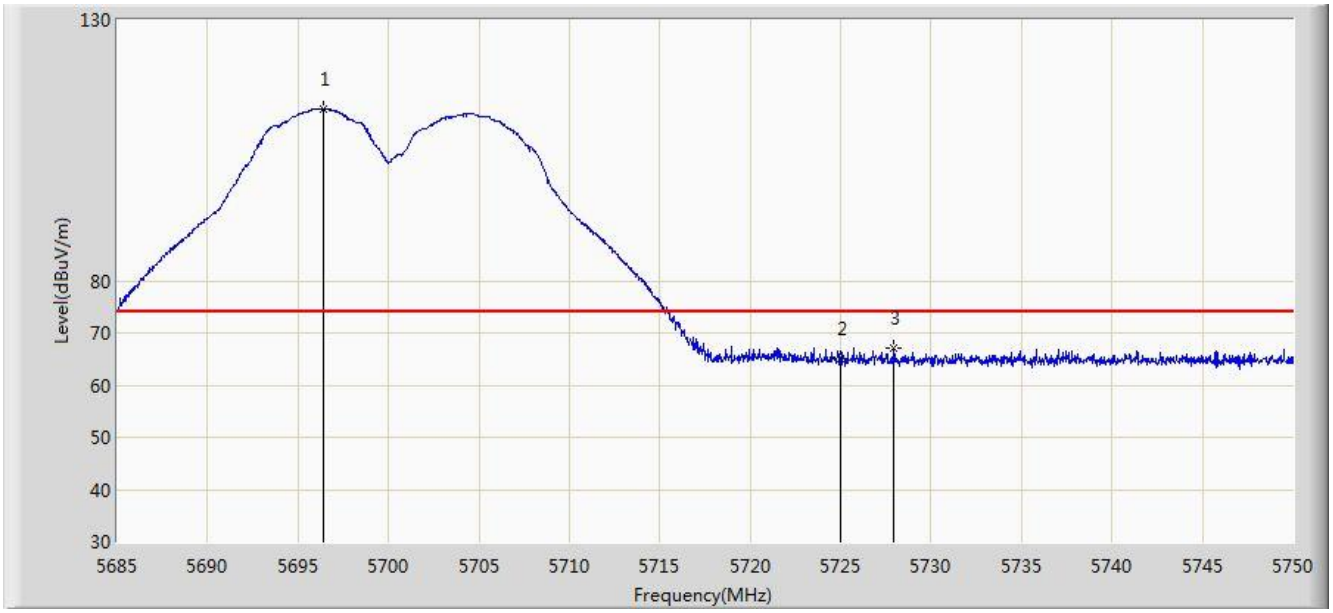


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5704.272	92.924	53.362	N/A	N/A	39.562	AV
2			5725.000	52.931	13.268	-1.069	54.000	39.663	AV

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

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

Site: AC2	Time: 2017/02/28 - 23:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11a at Channel 5700MHz Ant 0 + 1 + 2 + 3	

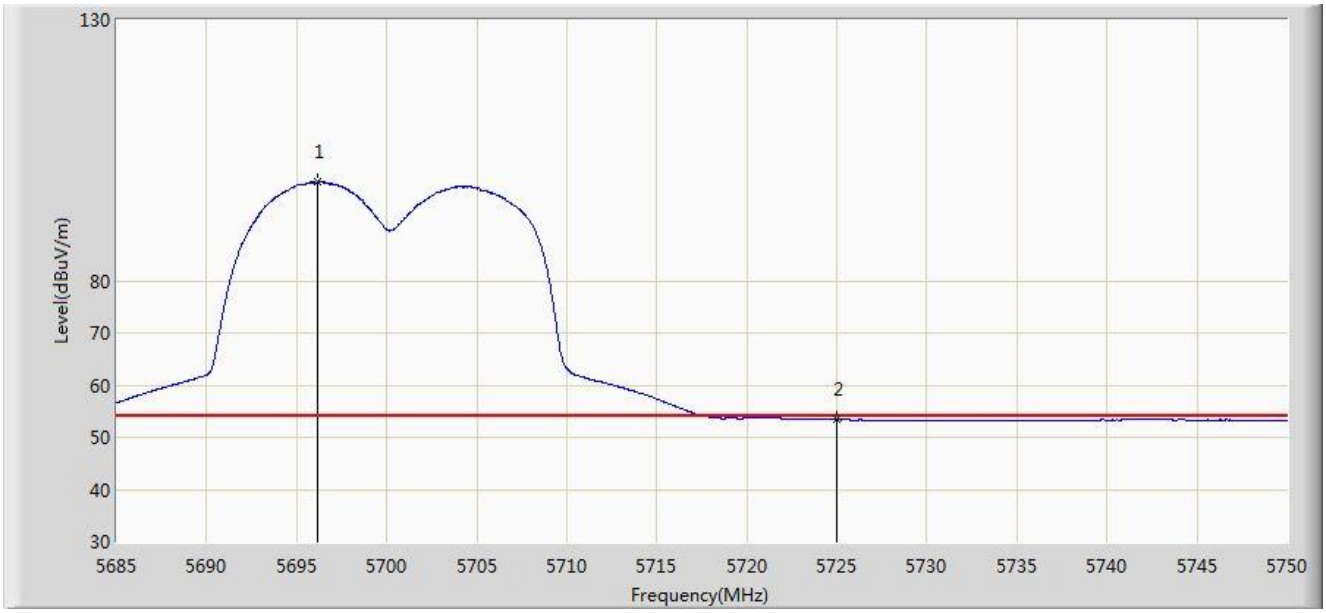


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.375	113.007	73.411	N/A	N/A	39.596	PK
2			5725.000	65.168	25.505	-8.832	74.000	39.663	PK
3			5727.965	67.149	27.463	-6.851	74.000	39.686	PK

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

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

Site: AC2	Time: 2017/02/28 - 23:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11a at Channel 5700MHz Ant 0 + 1 + 2 + 3	

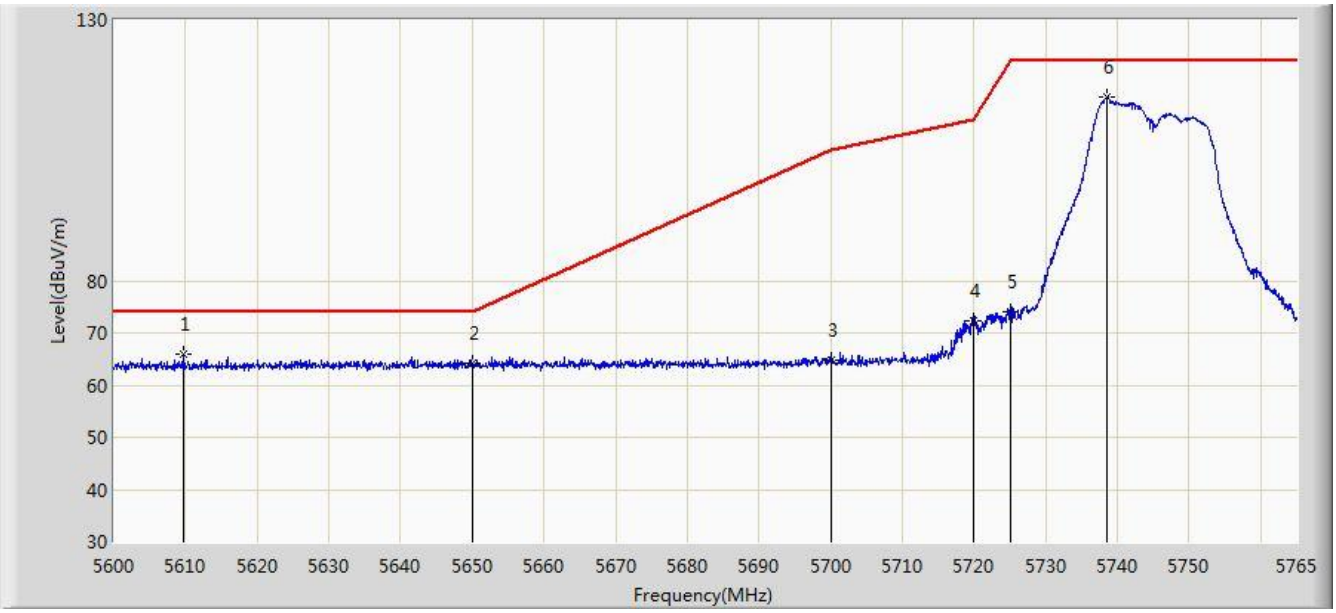


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.180	98.880	59.283	N/A	N/A	39.597	AV
2			5725.000	53.390	13.727	-0.610	54.000	39.663	AV

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

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

Site: AC1	Time: 2016/11/30 - 10:44
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz, Ant 0+1+2+3	

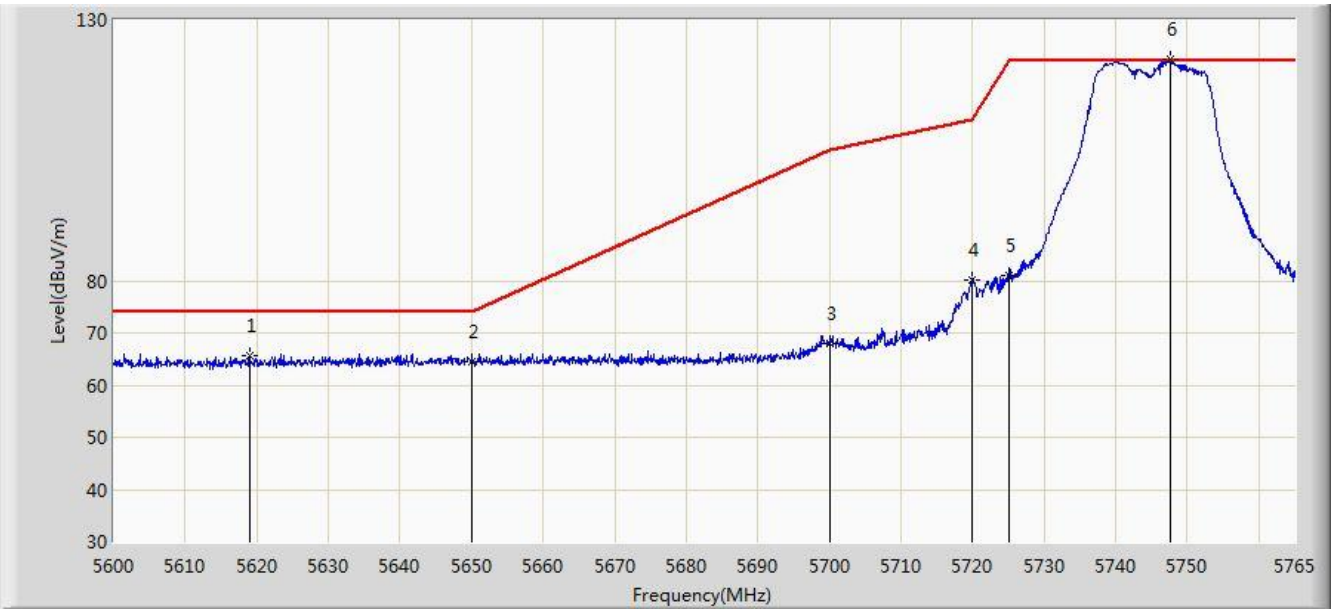


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5609.652	65.884	28.166	-8.116	74.000	37.718	PK
2			5650.000	64.074	26.287	-9.926	74.000	37.787	PK
3			5700.000	64.862	26.970	-40.338	105.200	37.892	PK
4			5720.000	72.417	34.448	-38.383	110.800	37.970	PK
5			5725.000	74.099	36.109	-48.101	122.200	37.990	PK
6		*	5738.600	115.085	77.039	N/A	N/A	38.046	PK

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

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

Site: AC1	Time: 2016/11/30 - 11:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz, Ant 0+1+2+3	

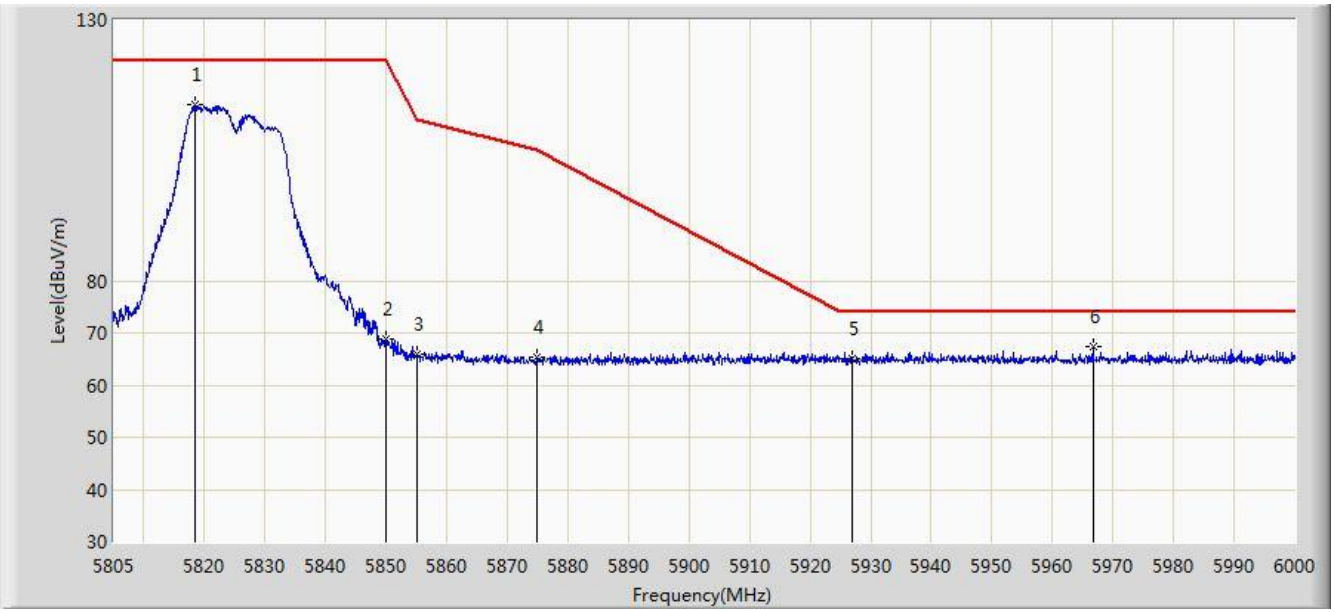


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5618.975	65.657	27.924	-8.343	74.000	37.733	PK
2			5650.000	64.539	26.752	-9.461	74.000	37.787	PK
3			5700.000	68.101	30.209	-37.099	105.200	37.892	PK
4			5720.000	80.200	42.231	-30.600	110.800	37.970	PK
5			5725.000	80.886	42.896	-41.314	122.200	37.990	PK
6		*	5747.675	122.580	84.495	N/A	N/A	38.084	PK

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

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

Site: AC1	Time: 2016/11/30 - 11:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz, Ant 0+1+2+3	

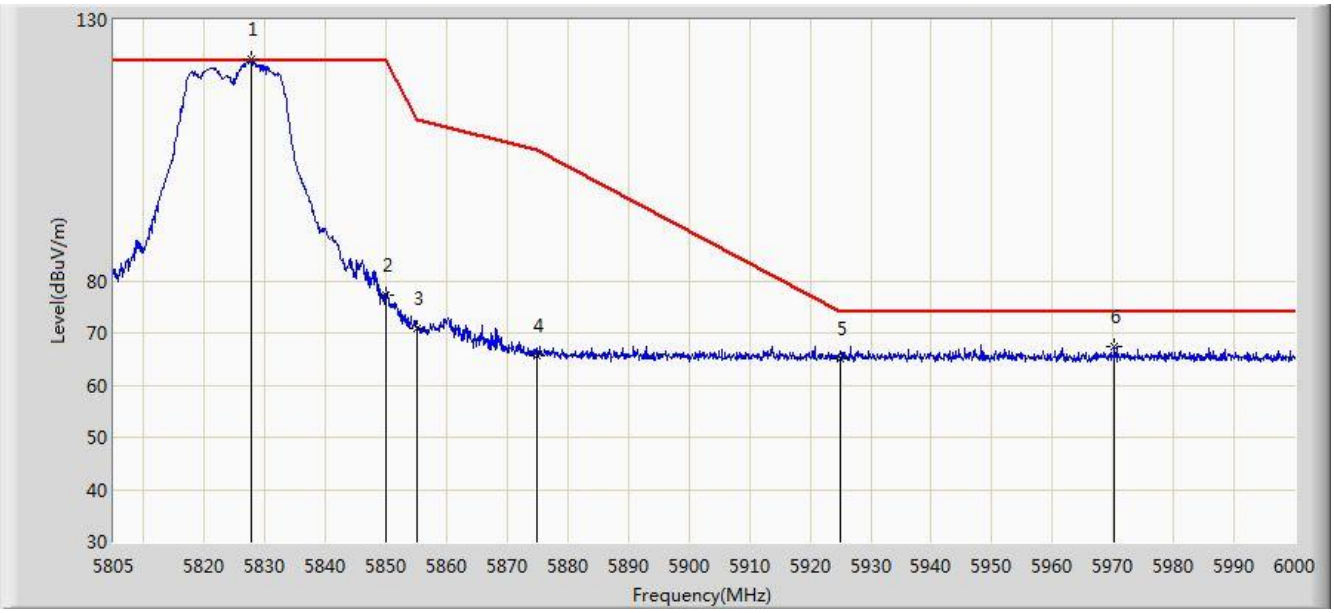


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5818.553	113.702	75.373	N/A	N/A	38.329	PK
2			5850.000	68.704	30.251	-53.496	122.200	38.454	PK
3			5855.000	65.865	27.400	-44.935	110.800	38.465	PK
4			5875.000	65.313	26.816	-39.887	105.200	38.497	PK
5			5927.000	65.176	26.642	-8.824	74.000	38.533	PK
6		*	5966.655	67.247	28.718	-6.753	74.000	38.528	PK

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

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

Site: AC1	Time: 2016/11/30 - 11:26
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz, Ant 0+1+2+3	

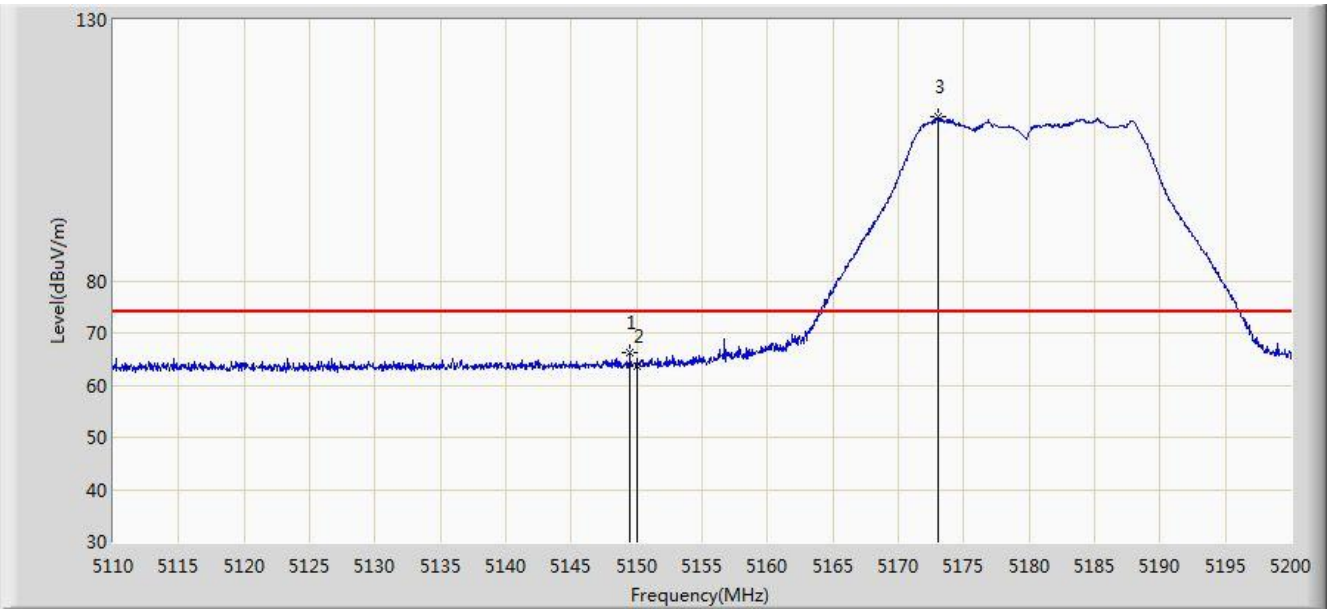


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5827.620	122.322	83.956	N/A	N/A	38.367	PK
2			5850.000	77.320	38.867	-44.880	122.200	38.454	PK
3			5855.000	70.891	32.426	-39.909	110.800	38.465	PK
4			5875.000	65.776	27.279	-39.424	105.200	38.497	PK
5			5925.000	65.195	26.662	-8.805	74.000	38.533	PK
6			5970.263	67.274	28.738	-6.726	74.000	38.536	PK

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

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

Site: AC1	Time: 2016/11/30 - 11:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5810MHz, Ant 0+1+2+3	

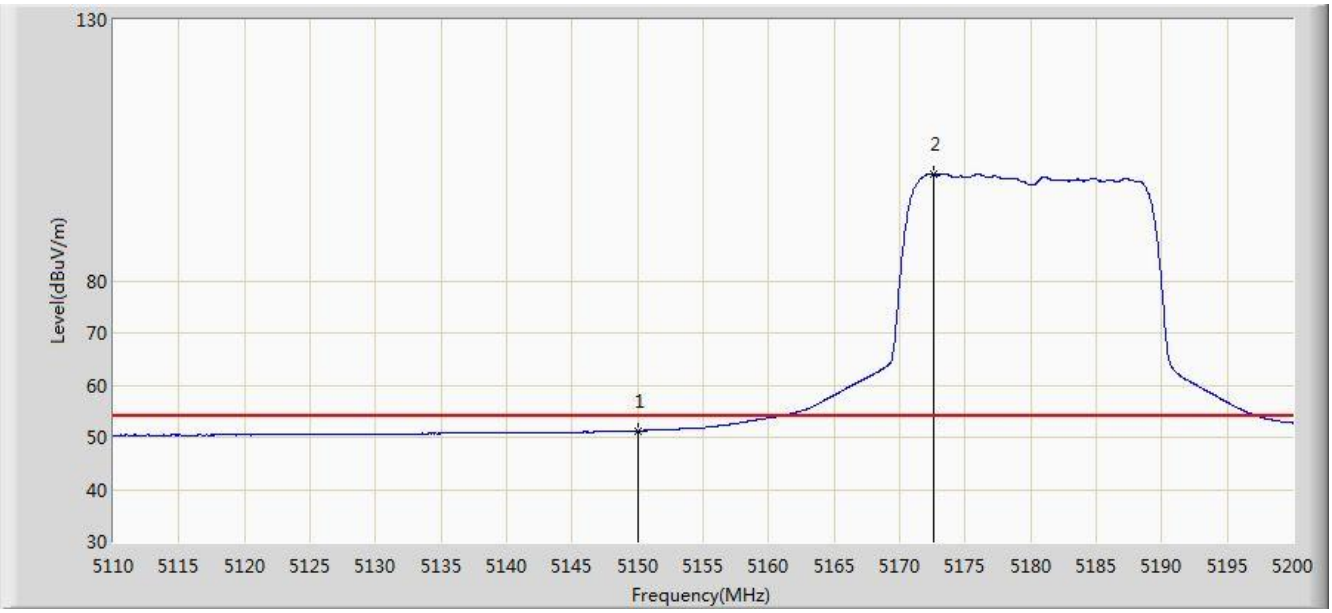


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.465	66.298	28.845	-7.702	74.000	37.453	PK
2			5150.000	63.766	26.314	-10.234	74.000	37.452	PK
3		*	5173.000	111.323	73.933	N/A	N/A	37.389	PK

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

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

Site: AC1	Time: 2016/11/30 - 11:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5810MHz, Ant 0+1+2+3	

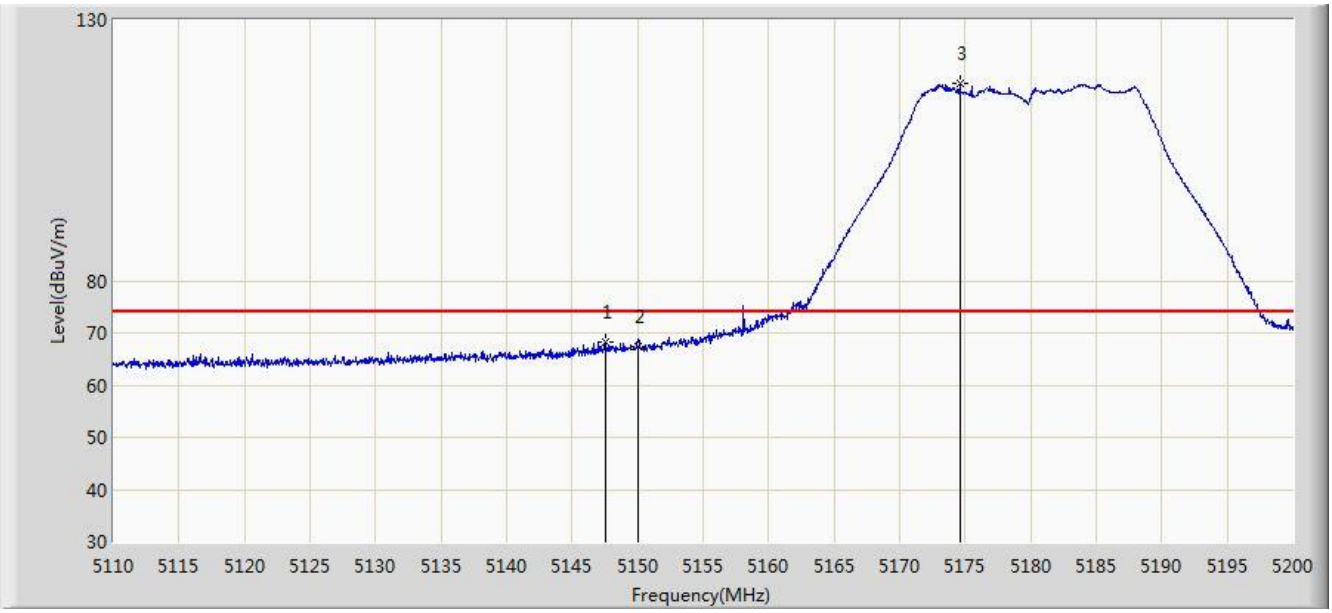


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.227	13.775	-2.773	54.000	37.452	AV
2		*	5172.640	100.364	62.974	N/A	N/A	37.390	AV

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

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

Site: AC1	Time: 2016/11/30 - 11:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5810MHz, Ant 0+1+2+3	

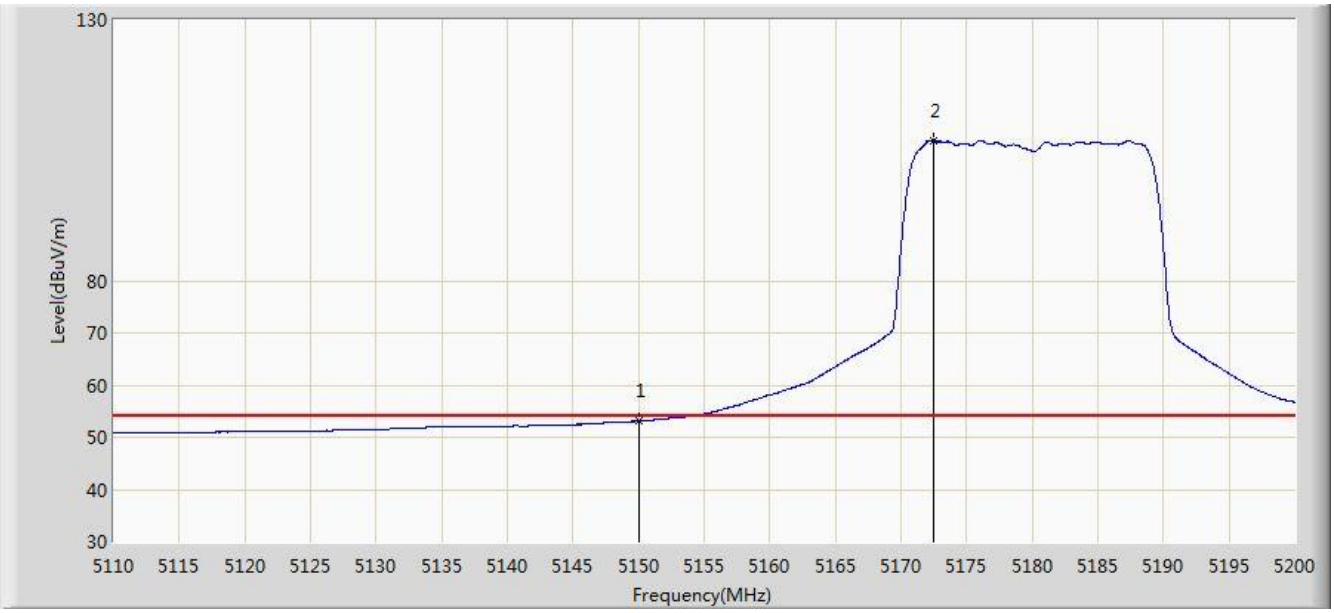


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.530	68.389	30.933	-5.611	74.000	37.455	PK
2			5150.000	67.374	29.922	-6.626	74.000	37.452	PK
3		*	5174.575	117.746	80.360	N/A	N/A	37.386	PK

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

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

Site: AC1	Time: 2016/11/30 - 11:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5810MHz, Ant 0+1+2+3	

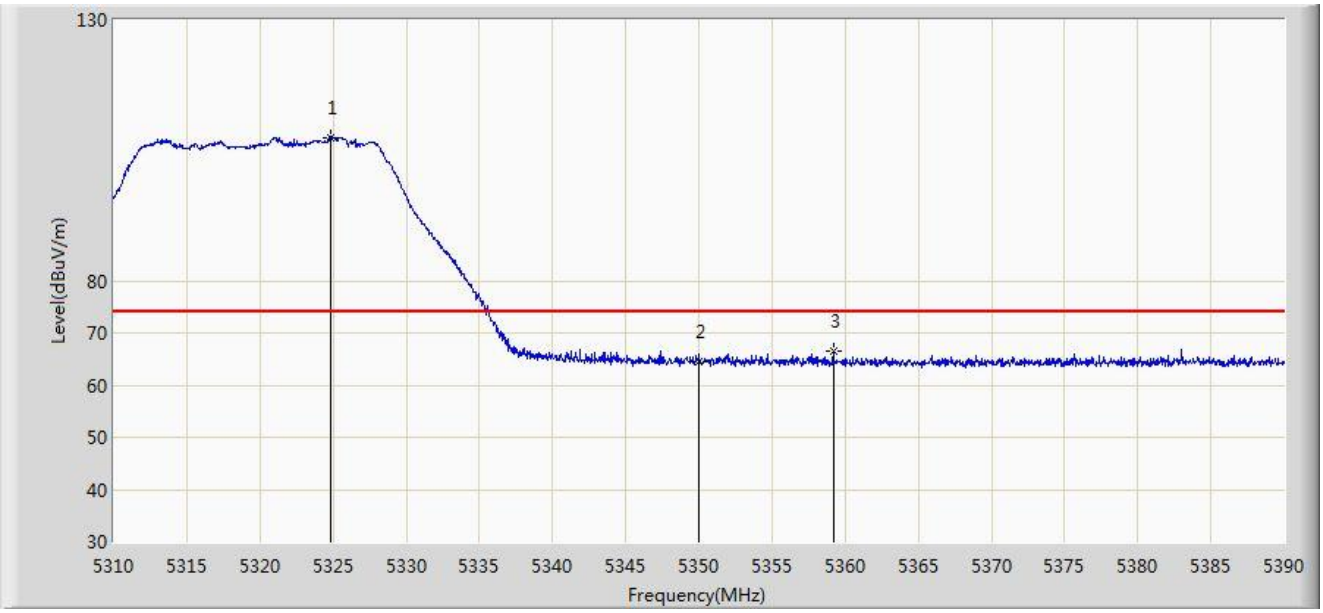


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.123	15.671	-0.877	54.000	37.452	AV
2		*	5172.505	106.893	69.502	N/A	N/A	37.391	AV

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

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

Site: AC2	Time: 2017/02/28 - 22:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0 + 1 + 2 + 3	

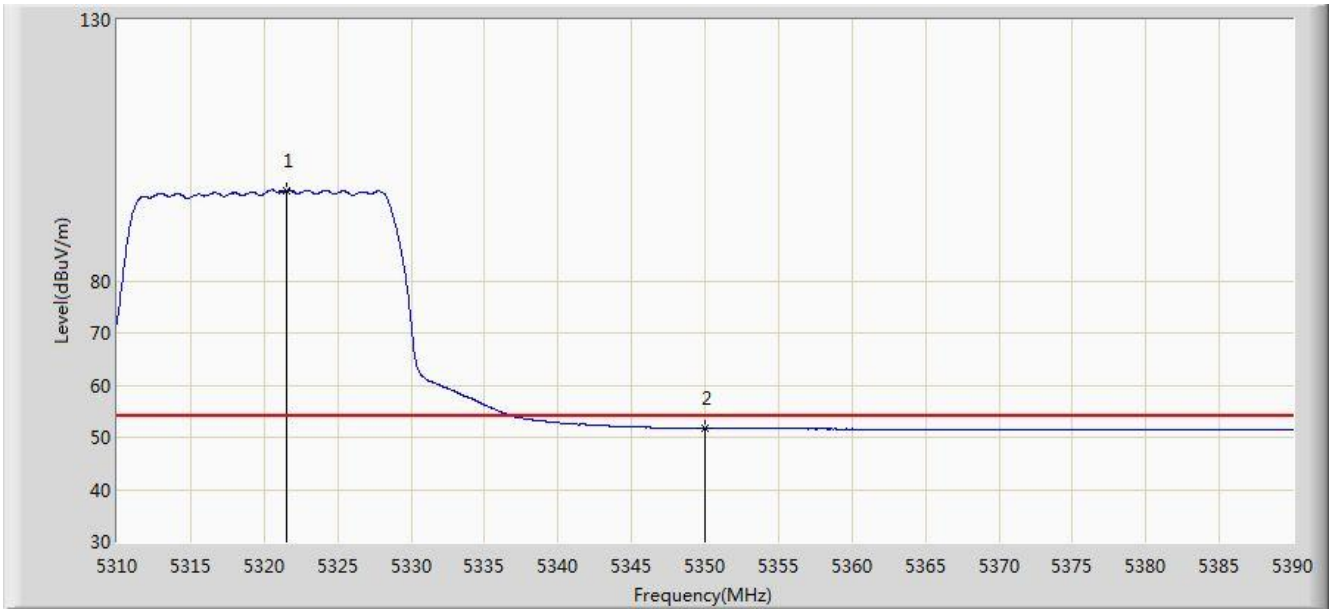


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5324.800	107.516	68.646	N/A	N/A	38.870	PK
2			5350.000	64.413	25.525	-9.587	74.000	38.888	PK
3			5359.200	66.598	27.706	-7.402	74.000	38.892	PK

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

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

Site: AC2	Time: 2017/02/28 - 22:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0 + 1 + 2 + 3	

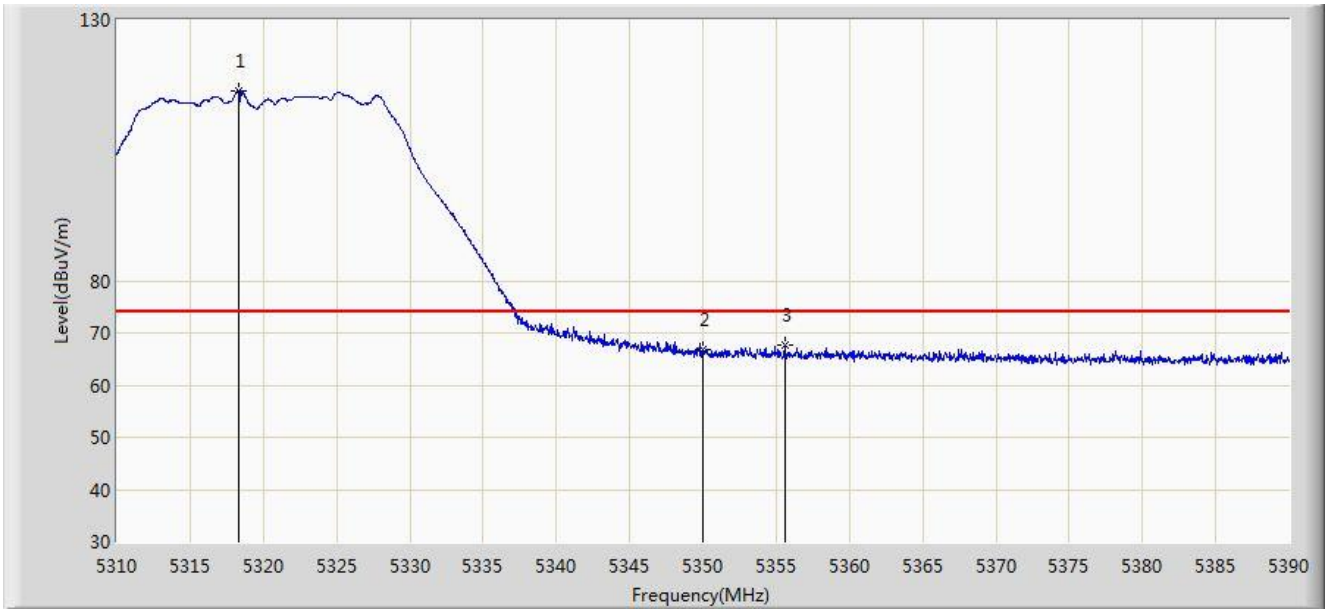


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.520	97.335	58.462	N/A	N/A	38.873	AV
2			5350.000	51.752	12.864	-2.248	54.000	38.888	AV

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

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

Site: AC2	Time: 2017/02/28 - 22:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0 + 1 + 2 + 3	

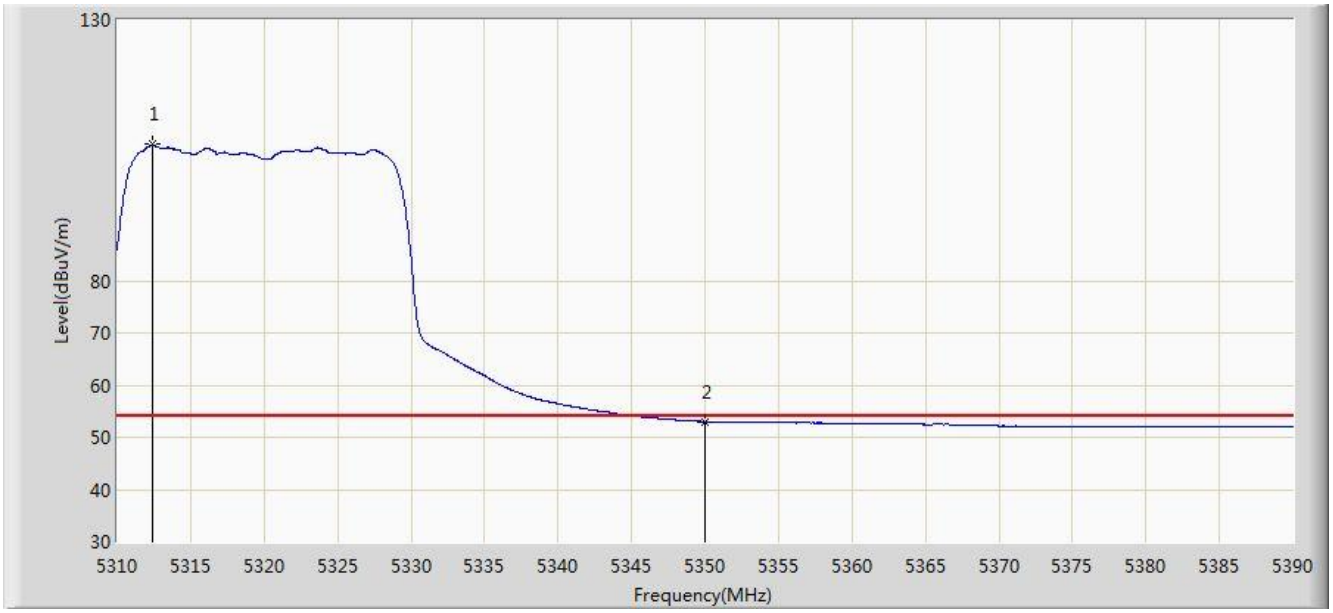


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.280	116.270	77.394	N/A	N/A	38.876	PK
2			5350.000	66.950	28.062	-7.050	74.000	38.888	PK
3			5355.600	67.783	28.891	-6.217	74.000	38.892	PK

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

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

Site: AC2	Time: 2017/02/28 - 21:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0 + 1 + 2 + 3	

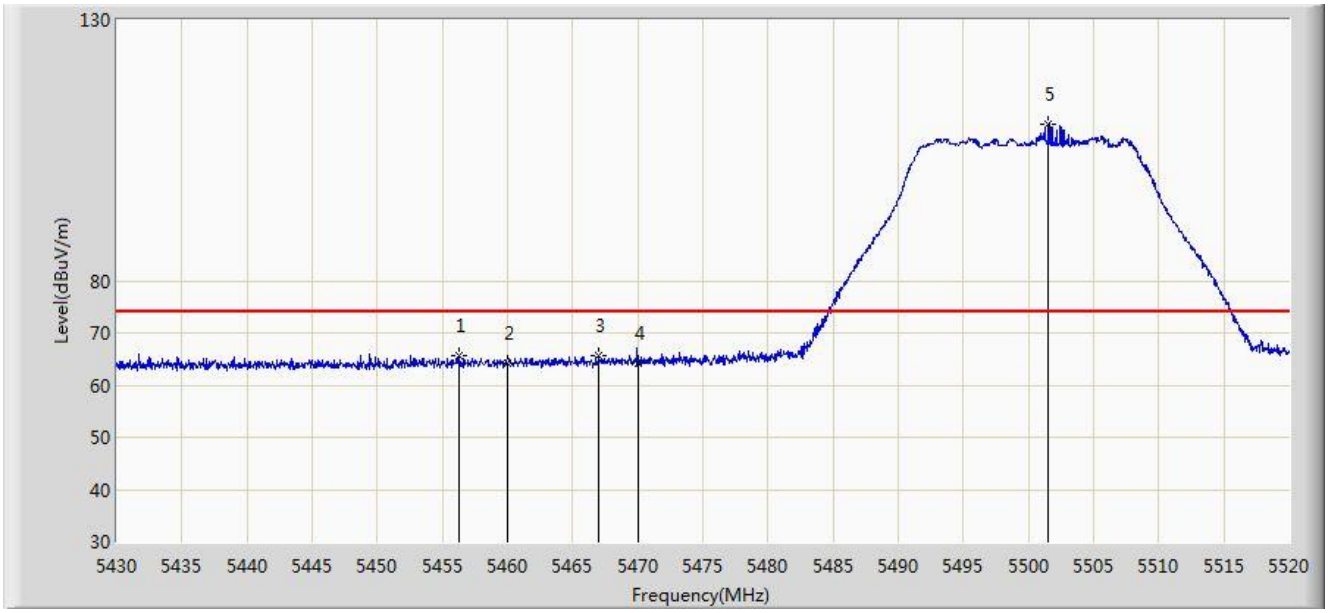


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5312.440	106.118	67.262	N/A	N/A	38.856	AV
2			5350.000	53.001	14.113	-0.999	54.000	38.888	AV

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

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

Site: AC2	Time: 2017/02/28 - 22:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0 + 1 + 2 + 3	

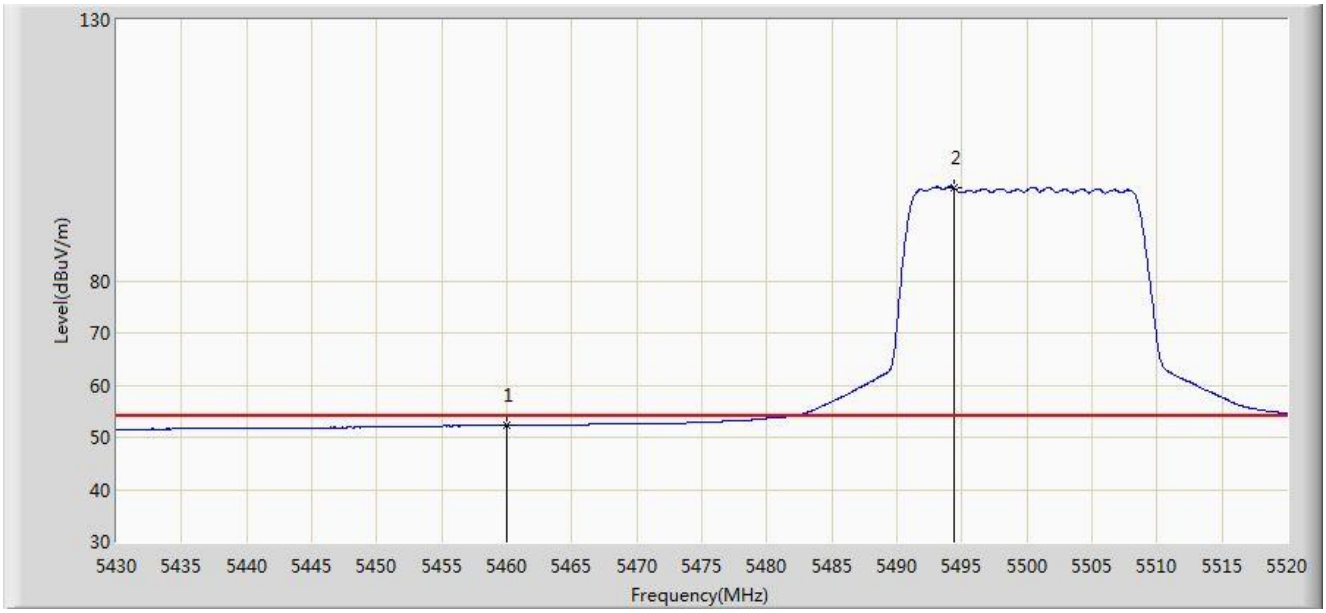


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5456.325	65.680	26.433	-8.320	74.000	39.247	PK
2			5460.000	64.175	24.889	-9.825	74.000	39.286	PK
3			5466.990	65.596	26.237	-8.404	74.000	39.358	PK
4			5470.000	64.262	24.872	-9.738	74.000	39.390	PK
5		*	5501.550	110.045	70.764	N/A	N/A	39.281	PK

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

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

Site: AC2	Time: 2017/02/28 - 22:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0 + 1 + 2 + 3	

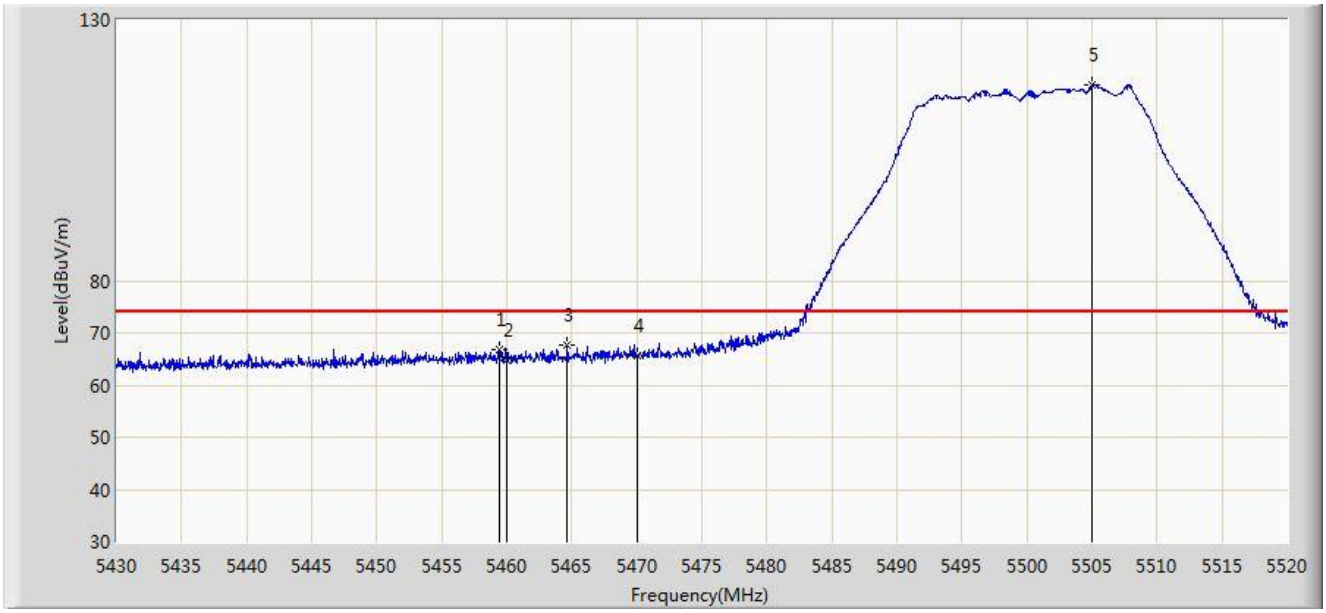


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	52.265	12.979	-1.735	54.000	39.286	AV
2		*	5494.350	97.891	58.567	N/A	N/A	39.324	AV

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

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

Site: AC2	Time: 2017/02/28 - 22:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0 + 1 + 2 + 3	

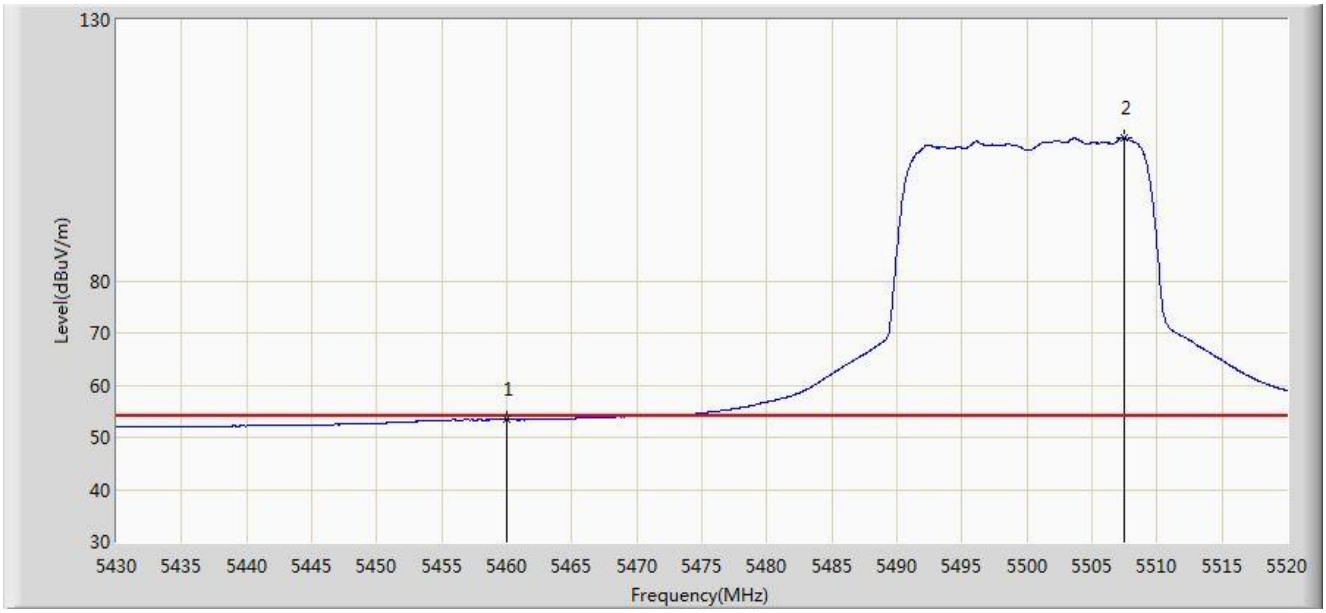


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.385	66.948	27.669	-7.052	74.000	39.279	PK
2			5460.000	64.895	25.609	-9.105	74.000	39.286	PK
3			5464.650	67.788	28.454	-6.212	74.000	39.334	PK
4			5470.000	65.682	26.292	-8.318	74.000	39.390	PK
5		*	5504.970	117.535	78.274	N/A	N/A	39.261	PK

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

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

aSite: AC2	Time: 2017/02/28 - 22:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0 + 1 + 2 + 3	

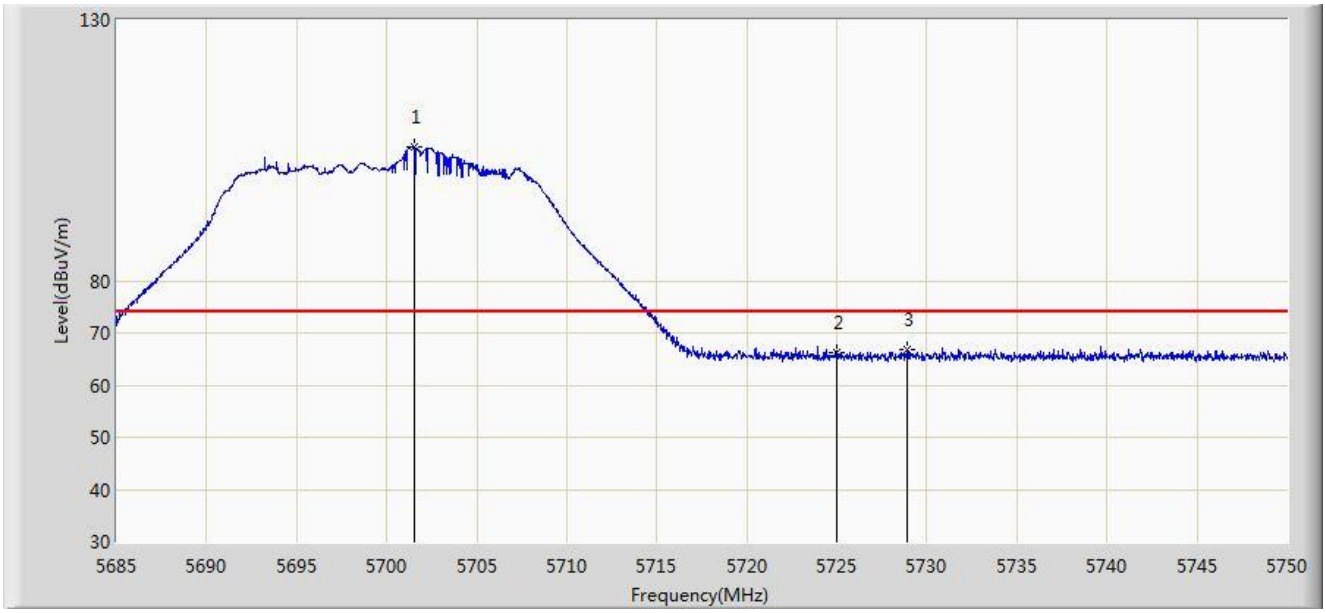


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	53.430	14.144	-0.570	54.000	39.286	AV
2		*	5507.490	107.509	68.219	N/A	N/A	39.290	AV

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

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

Site: AC2	Time: 2017/02/28 - 22:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0 + 1 + 2 + 3	

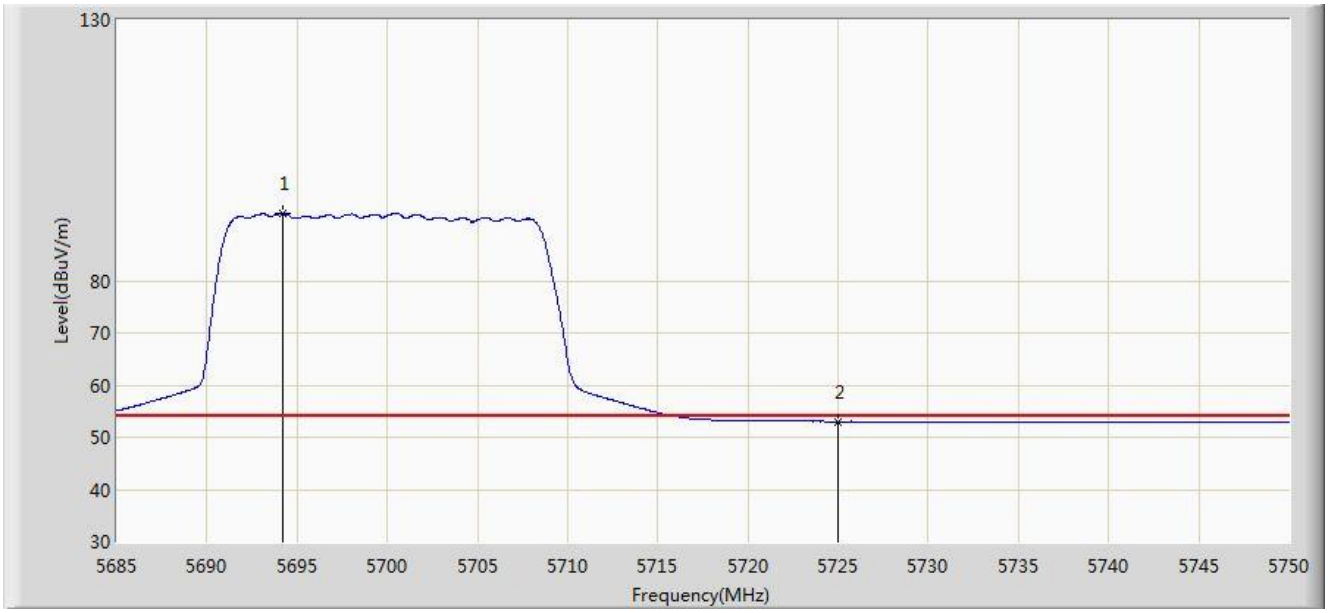


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5701.542	105.625	66.053	N/A	N/A	39.572	PK
2			5725.000	66.232	26.569	-7.768	74.000	39.663	PK
3			5728.940	66.938	27.244	-7.062	74.000	39.693	PK

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

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

Site: AC2	Time: 2017/02/28 - 22:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0 + 1 + 2 + 3	

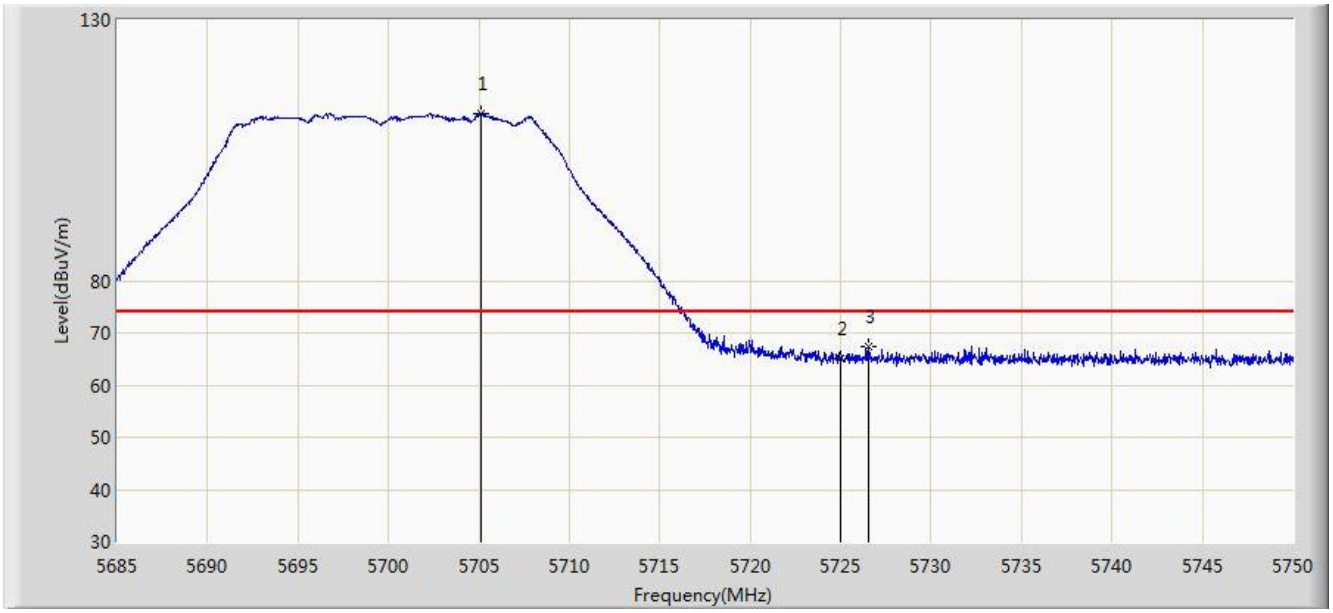


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.230	92.890	53.284	N/A	N/A	39.606	AV
2			5725.000	52.993	13.330	-1.007	54.000	39.663	AV

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

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

Site: AC2	Time: 2017/02/28 - 22:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0 + 1 + 2 + 3	

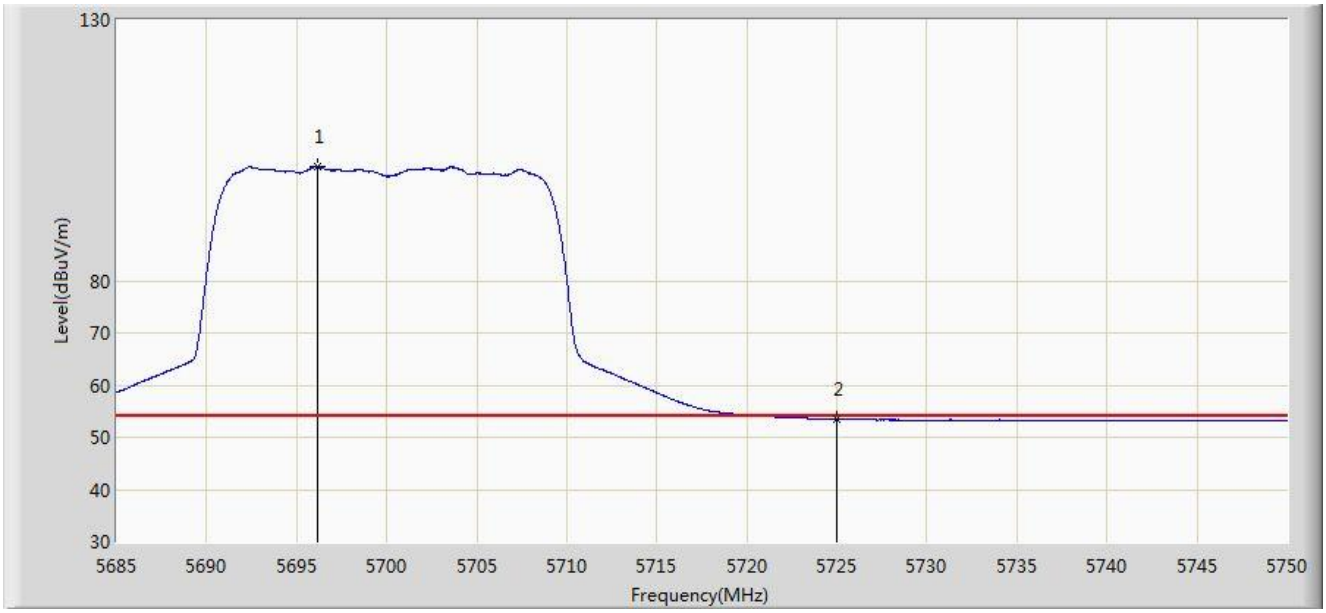


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5705.085	112.112	72.552	N/A	N/A	39.559	PK
2			5725.000	65.139	25.476	-8.861	74.000	39.663	PK
3			5726.502	67.518	27.844	-6.482	74.000	39.675	PK

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

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

Site: AC2	Time: 2017/02/28 - 22:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0 + 1 + 2 + 3	

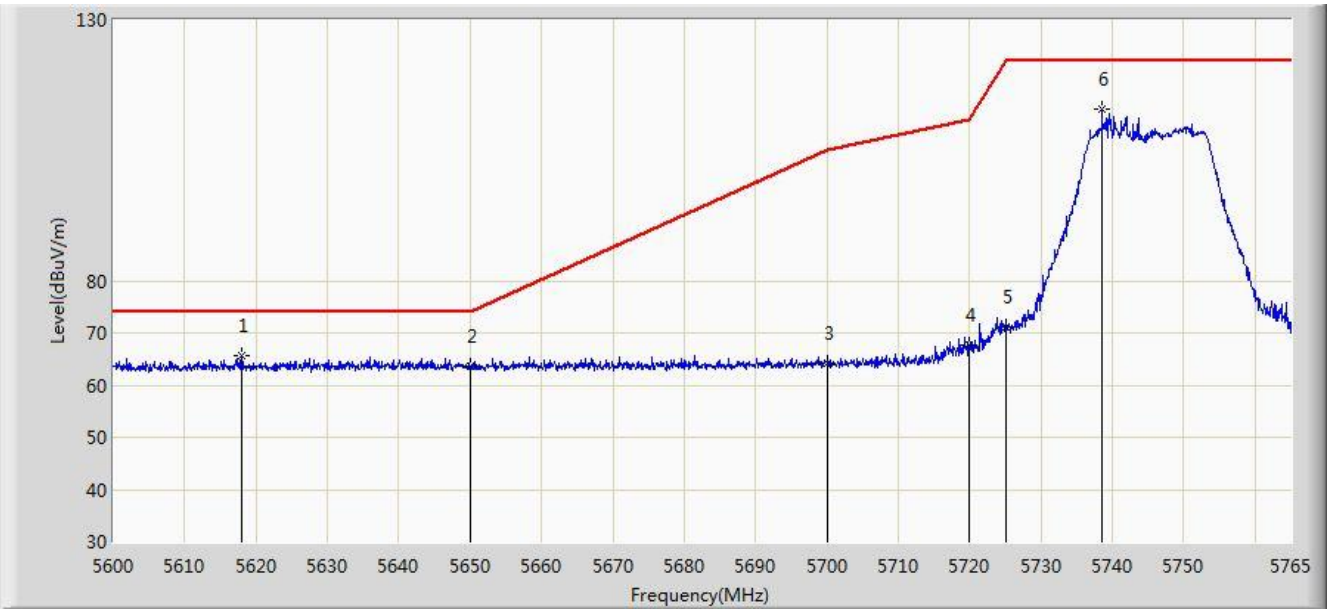


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.180	101.919	62.322	47.919	54.000	39.597	AV
2			5725.000	53.445	13.782	-0.555	54.000	39.663	AV

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

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

Site: AC1	Time: 2016/11/30 - 11:51
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz, Ant 0+1+2+3	

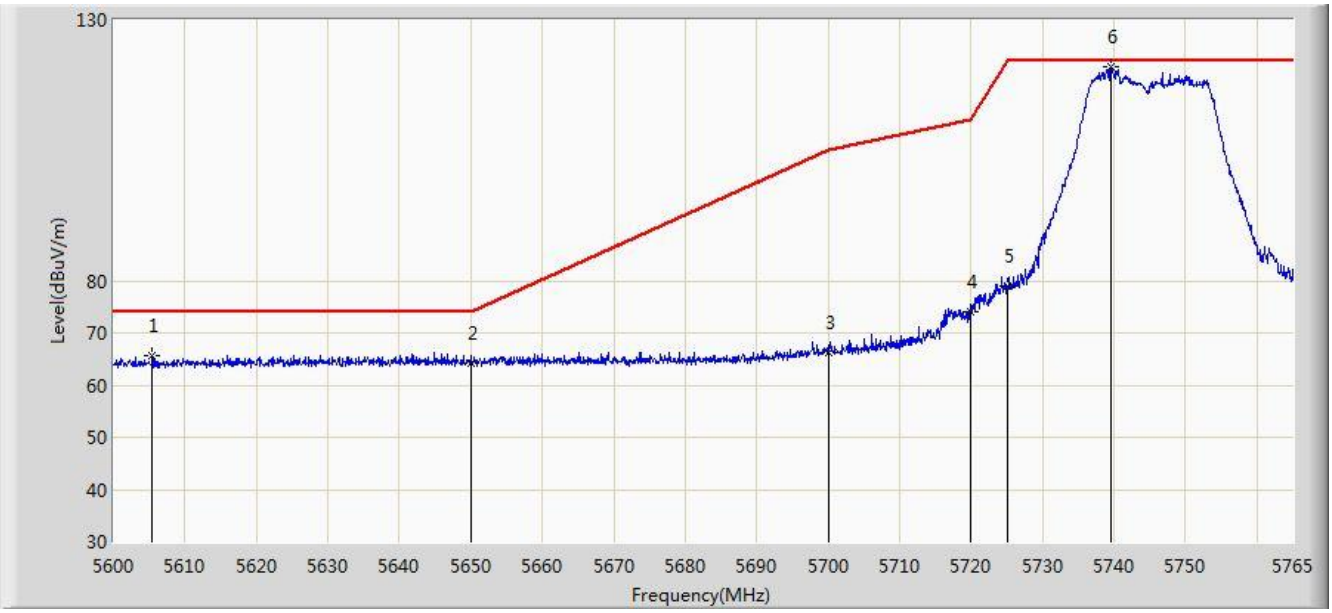


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5618.067	65.702	27.971	-8.298	74.000	37.731	PK
2			5650.000	63.693	25.906	-10.307	74.000	37.787	PK
3			5700.000	64.340	26.448	-40.860	105.200	37.892	PK
4			5720.000	67.609	29.640	-43.191	110.800	37.970	PK
5			5725.000	71.215	33.225	-50.985	122.200	37.990	PK
6			5738.518	112.928	74.883	N/A	N/A	38.046	PK

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

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

Site: AC1	Time: 2016/11/30 - 11:53
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz, Ant 0+1+2+3	

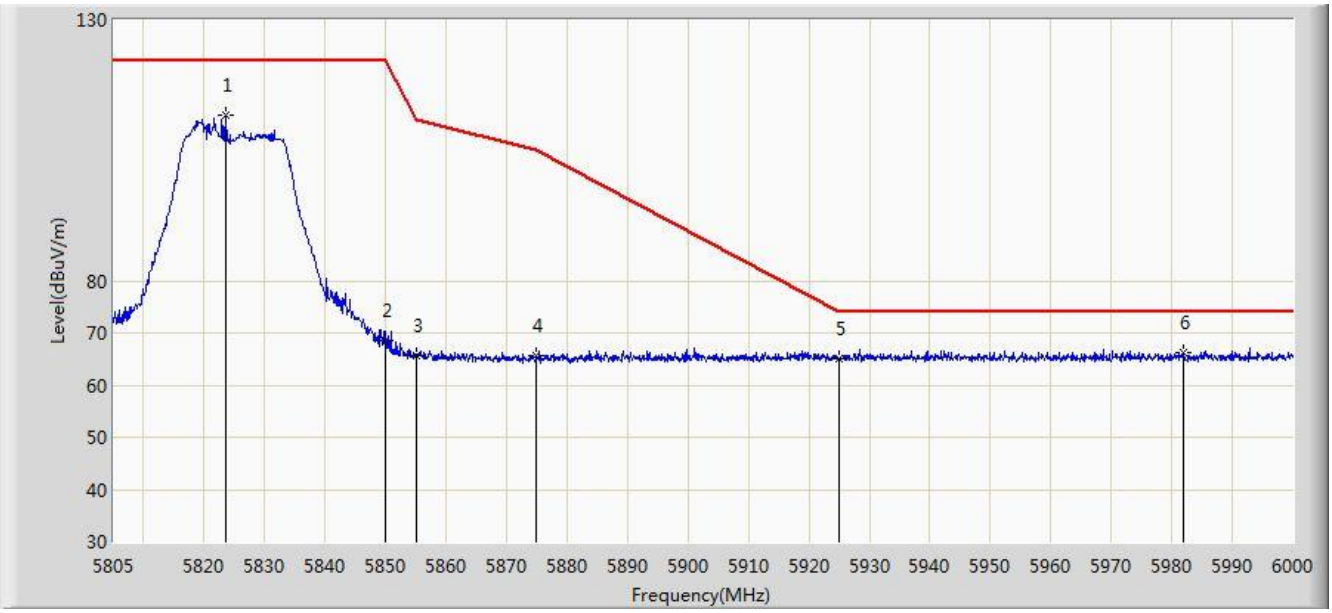


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5605.445	65.693	27.980	-8.307	74.000	37.713	PK
2			5650.000	64.271	26.484	-9.729	74.000	37.787	PK
3			5700.000	66.194	28.302	-39.006	105.200	37.892	PK
4			5720.000	74.176	36.207	-36.624	110.800	37.970	PK
5			5725.000	79.077	41.087	-43.123	122.200	37.990	PK
6		*	5739.507	120.977	82.928	N/A	N/A	38.049	PK

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

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

Site: AC1	Time: 2016/11/30 - 11:57
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz, Ant 0+1+2+3	

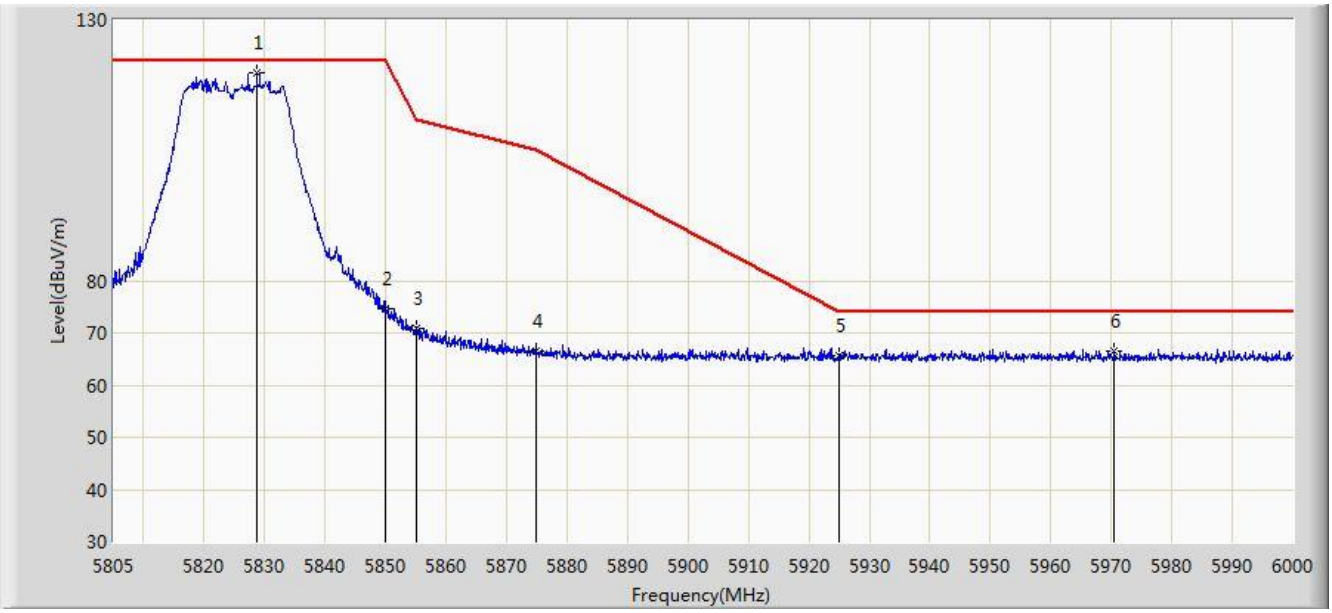


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5823.525	111.832	73.483	N/A	N/A	38.350	PK
2			5850.000	68.629	30.176	-53.571	122.200	38.454	PK
3			5855.000	65.654	27.189	-45.146	110.800	38.465	PK
4			5875.000	65.753	27.256	-39.447	105.200	38.497	PK
5			5925.000	65.108	26.575	-8.892	74.000	38.533	PK
6		*	5981.962	66.326	27.767	-7.674	74.000	38.559	PK

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

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

Site: AC1	Time: 2016/11/30 - 12:00
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz, Ant 0+1+2+3	

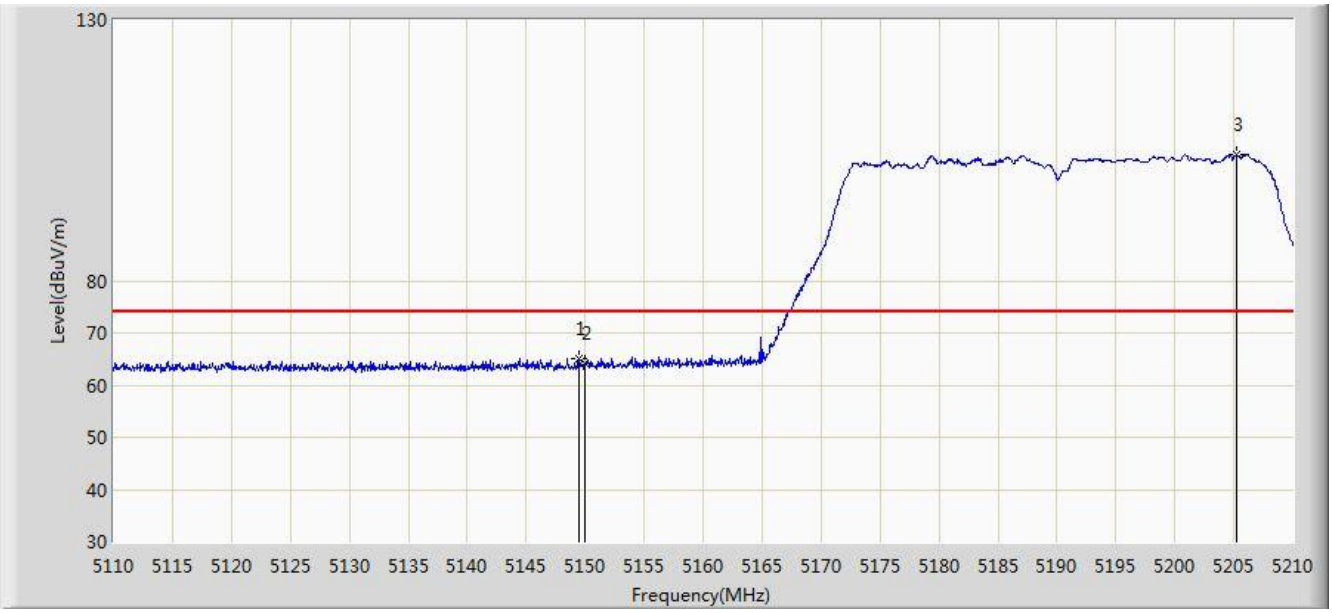


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5828.692	119.938	81.567	N/A	N/A	38.371	PK
2			5850.000	74.524	36.071	-47.676	122.200	38.454	PK
3			5855.000	70.902	32.437	-39.898	110.800	38.465	PK
4			5875.000	66.396	27.899	-38.804	105.200	38.497	PK
5			5925.000	65.610	27.077	-8.390	74.000	38.533	PK
6			5970.458	66.567	28.031	-7.433	74.000	38.536	PK

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

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

Site: AC1	Time: 2016/11/30 - 13:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz, Ant 0+1+2+3	

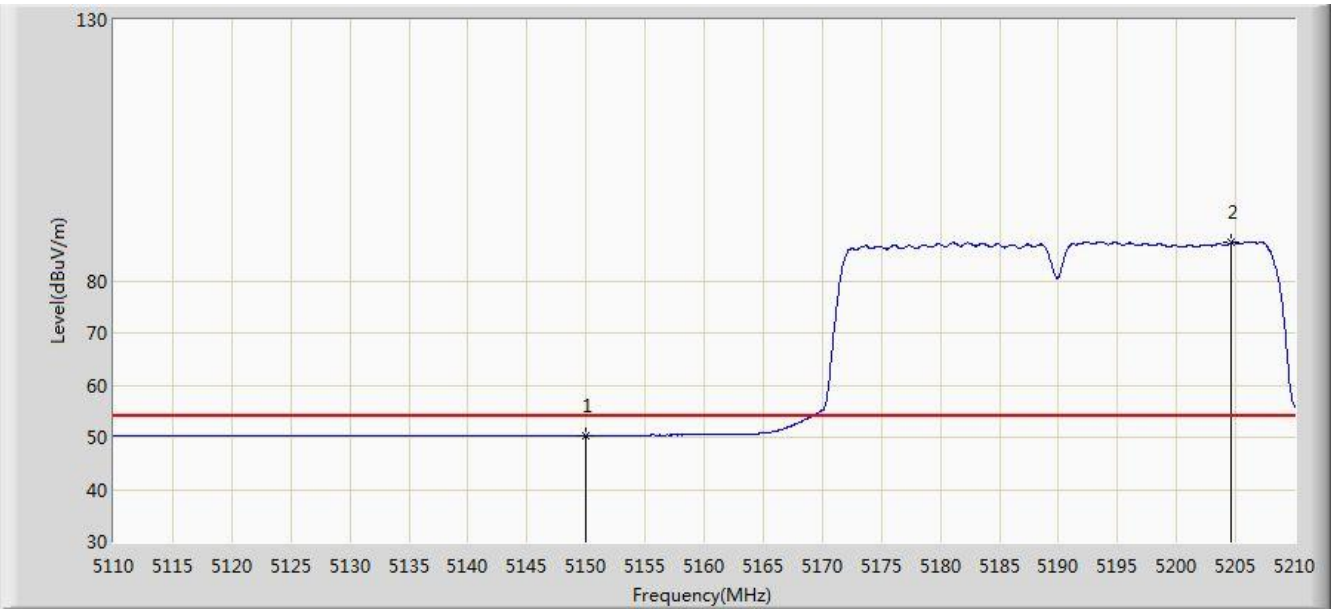


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.450	65.012	27.559	-8.988	74.000	37.453	PK
2			5150.000	64.208	26.756	-9.792	74.000	37.452	PK
3		*	5205.250	104.214	66.908	N/A	N/A	37.307	PK

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

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

Site: AC1	Time: 2016/11/30 - 13:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz, Ant 0+1+2+3	

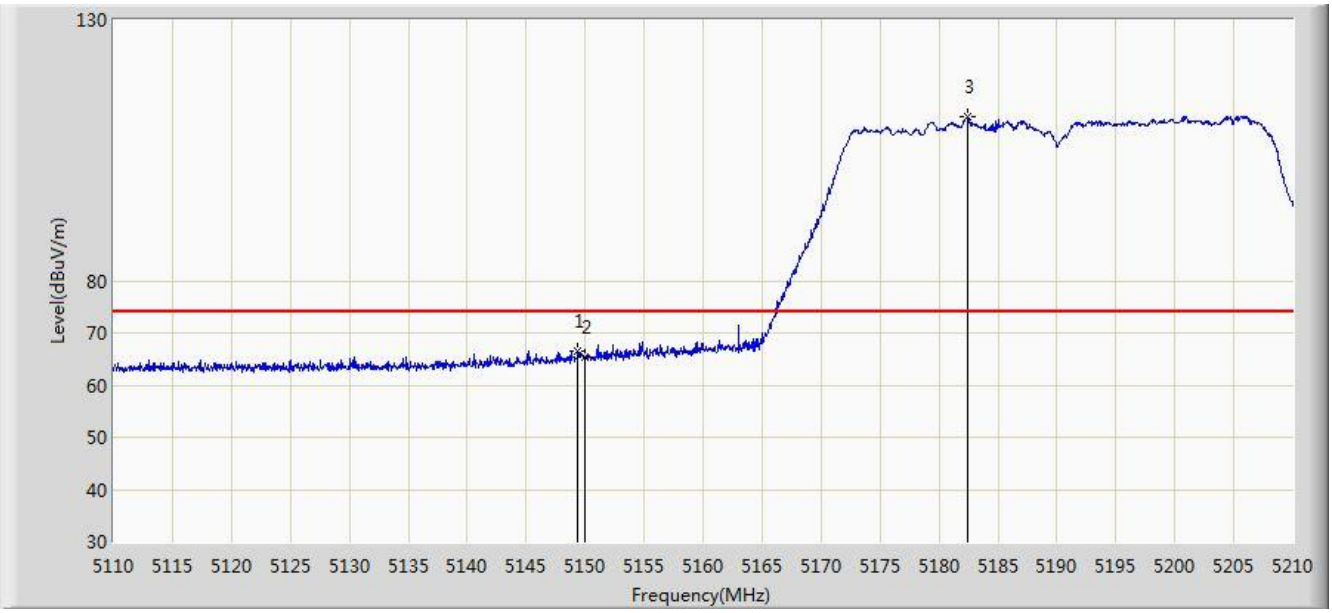


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.326	12.874	-3.674	54.000	37.452	AV
2		*	5204.650	87.315	50.007	N/A	N/A	37.309	AV

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

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

Site: AC1	Time: 2016/11/30 - 13:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz, Ant 0+1+2+3	

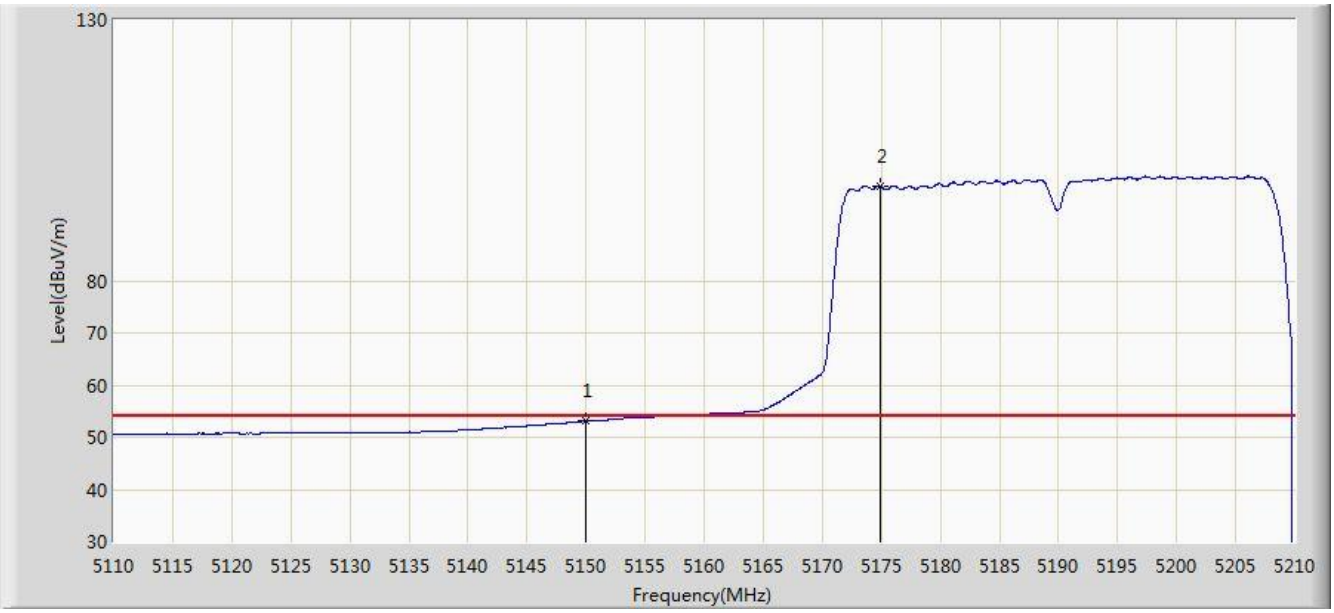


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.350	66.453	29.000	-7.547	74.000	37.453	PK
2			5150.000	65.241	27.789	-8.759	74.000	37.452	PK
3		*	5182.400	111.424	74.056	N/A	N/A	37.368	PK

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

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

Site: AC1	Time: 2016/11/30 - 13:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz, Ant 0+1+2+3	

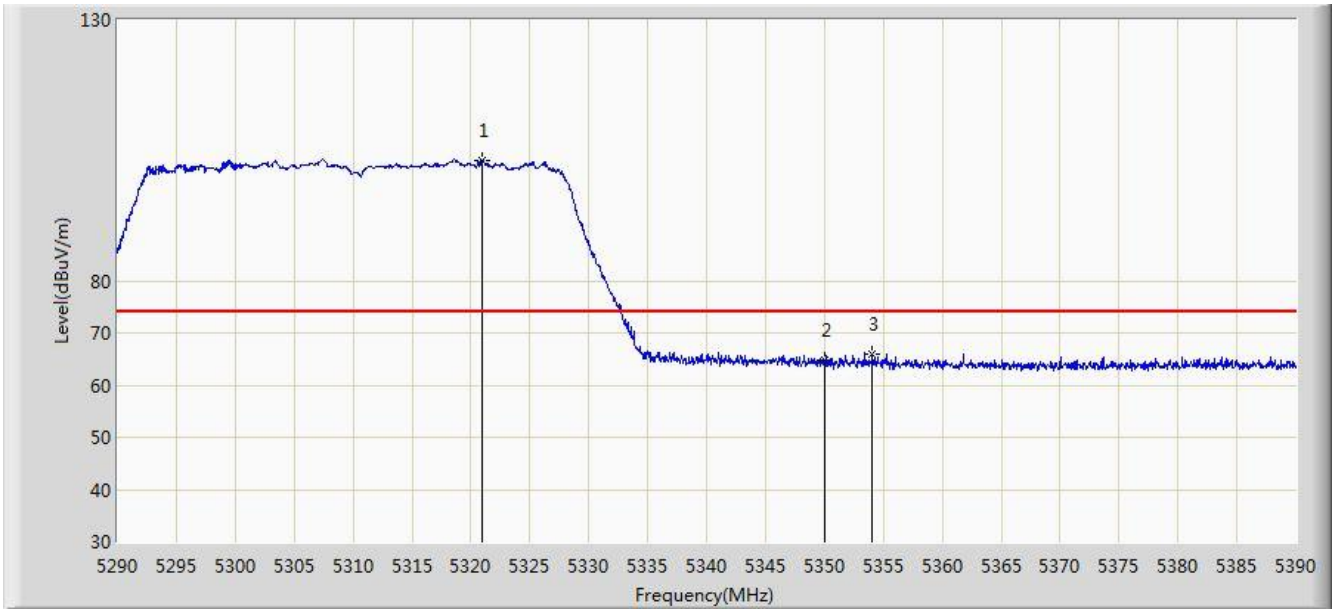


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.143	15.691	-0.857	54.000	37.452	AV
2		*	5174.950	98.073	60.688	N/A	N/A	37.385	AV

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

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

Site: AC2	Time: 2017/02/28 - 23:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0 + 1 + 2 + 3	

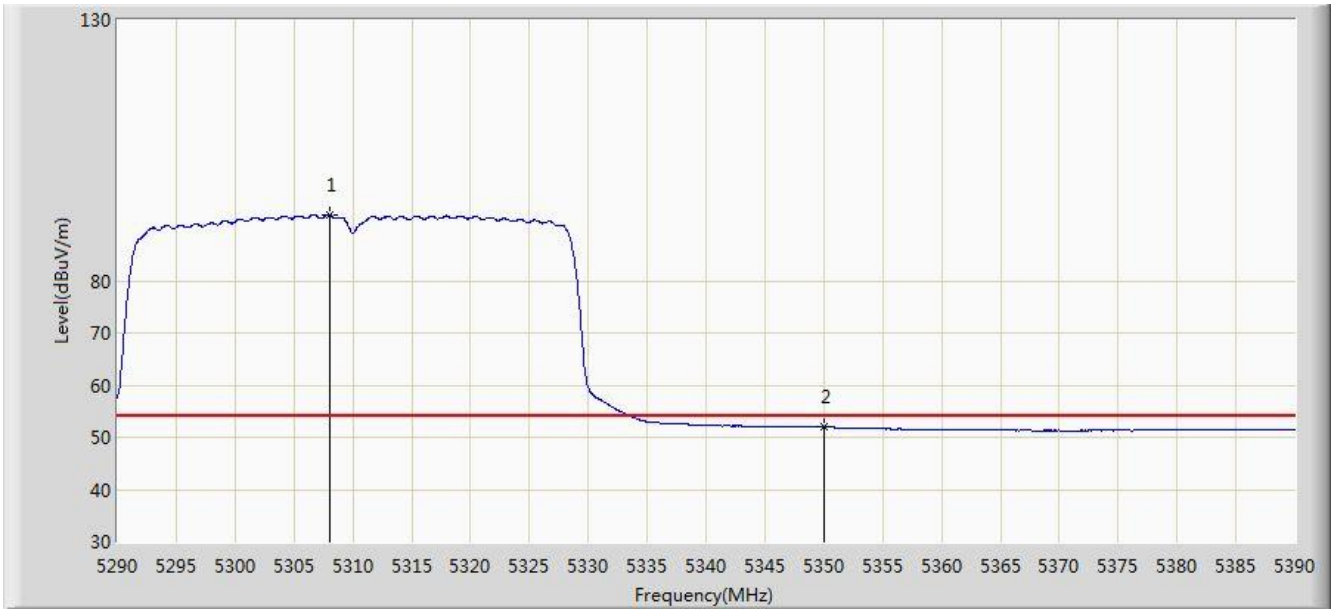


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5320.900	103.183	64.309	N/A	N/A	38.873	PK
2			5350.000	64.808	25.920	-9.192	74.000	38.888	PK
3			5354.050	65.879	26.987	-8.121	74.000	38.891	PK

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

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

Site: AC2	Time: 2017/02/28 - 23:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0 + 1 + 2 + 3	

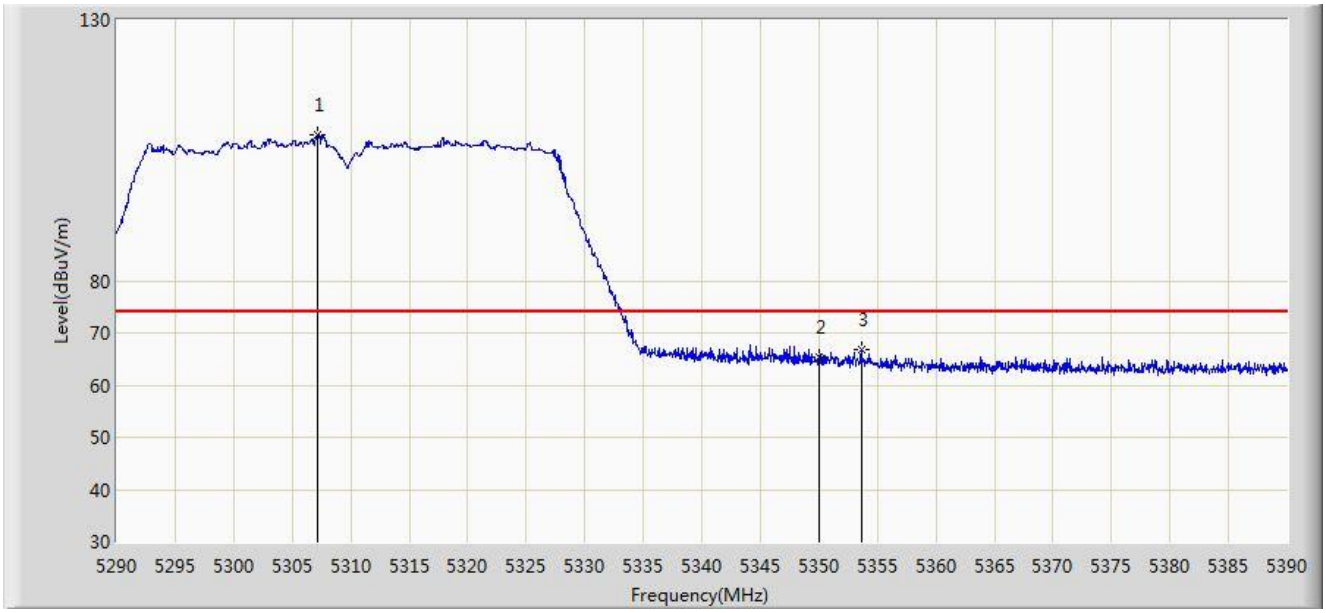


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5308.000	92.614	53.771	N/A	N/A	38.843	AV
2			5350.000	51.924	13.036	-2.076	54.000	38.888	AV

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

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

Site: AC2	Time: 2017/02/28 - 23:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0 + 1 + 2 + 3	

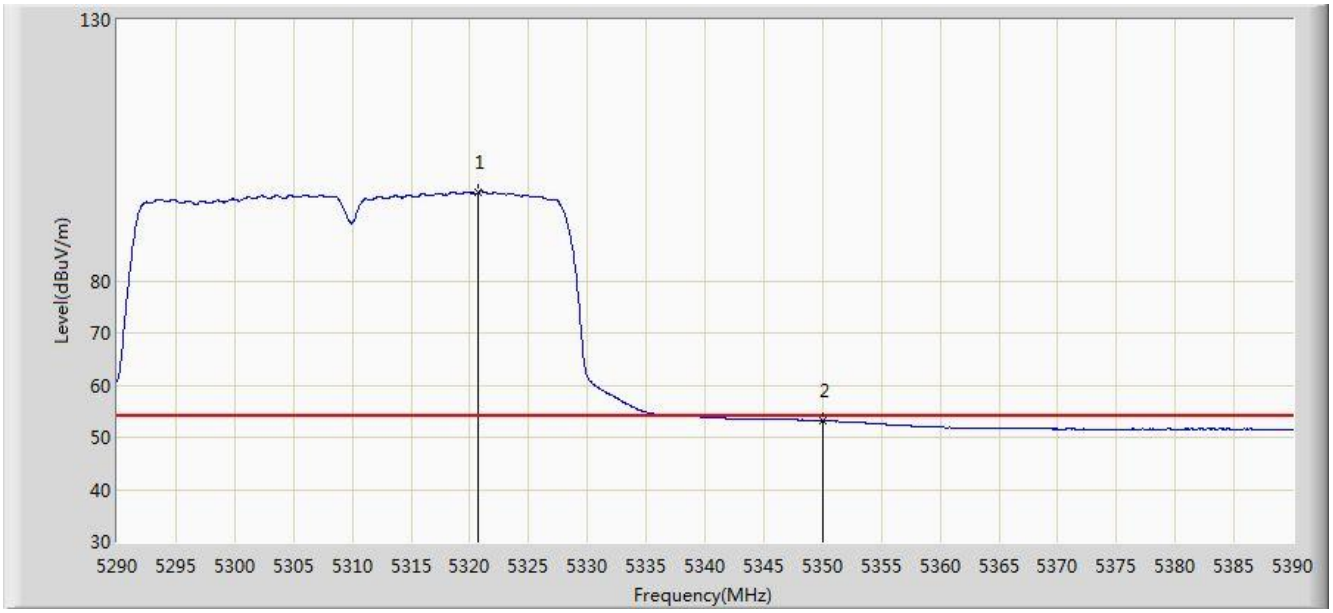


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5307.150	107.892	69.052	N/A	N/A	38.840	PK
2			5350.000	65.273	26.385	-8.727	74.000	38.888	PK
3			5353.600	66.883	27.991	-7.117	74.000	38.891	PK

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

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

Site: AC2	Time: 2017/02/28 - 23:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0 + 1 + 2 + 3	

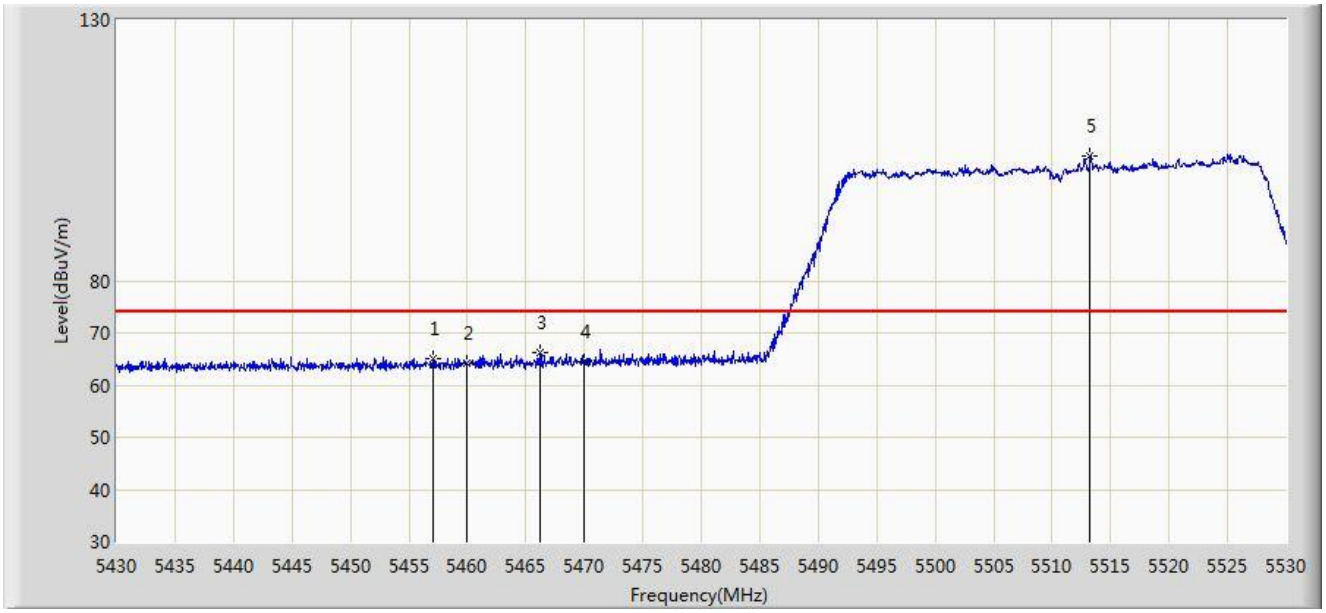


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5320.750	96.960	58.086	N/A	N/A	38.874	AV
2			5350.000	53.198	14.310	-0.802	54.000	38.888	AV

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

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

Site: AC2	Time: 2017/03/01 - 00:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0 + 1 + 2 + 3	

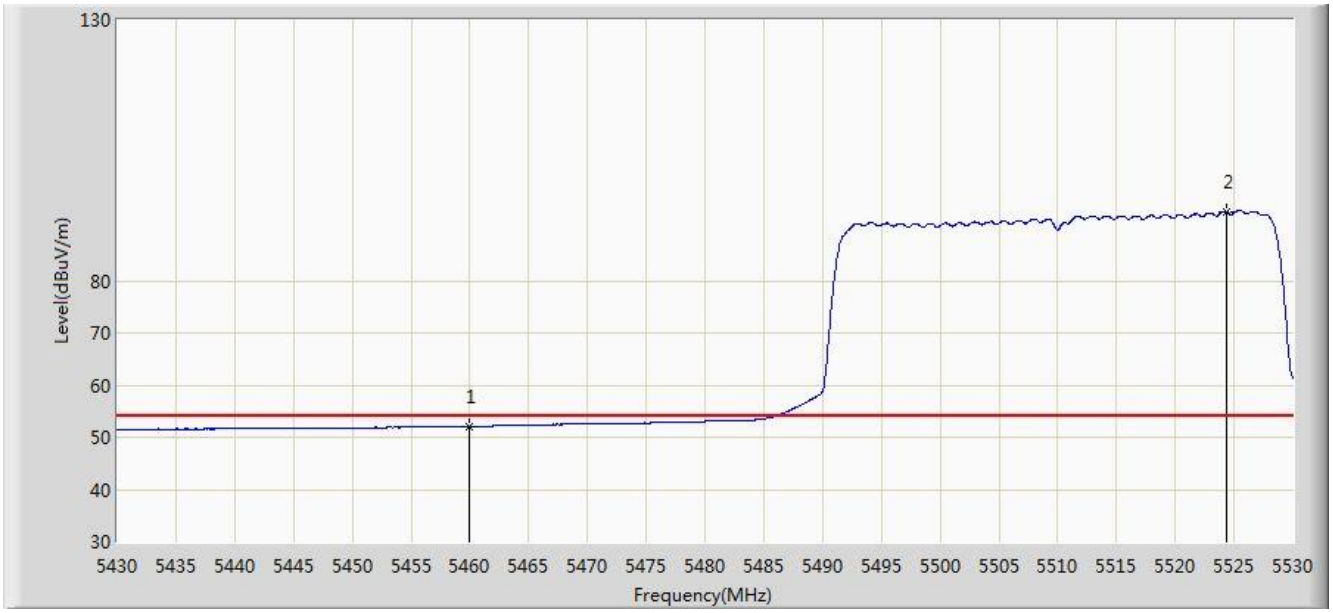


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.100	65.186	25.931	-8.814	74.000	39.255	PK
2			5460.000	64.164	24.878	-9.836	74.000	39.286	PK
3			5466.200	66.182	26.832	-7.818	74.000	39.350	PK
4			5470.000	64.528	25.138	-9.472	74.000	39.390	PK
5		*	5513.250	103.952	64.595	N/A	N/A	39.357	PK

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

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

Site: AC2	Time: 2017/03/01 - 00:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0 + 1 + 2 + 3	

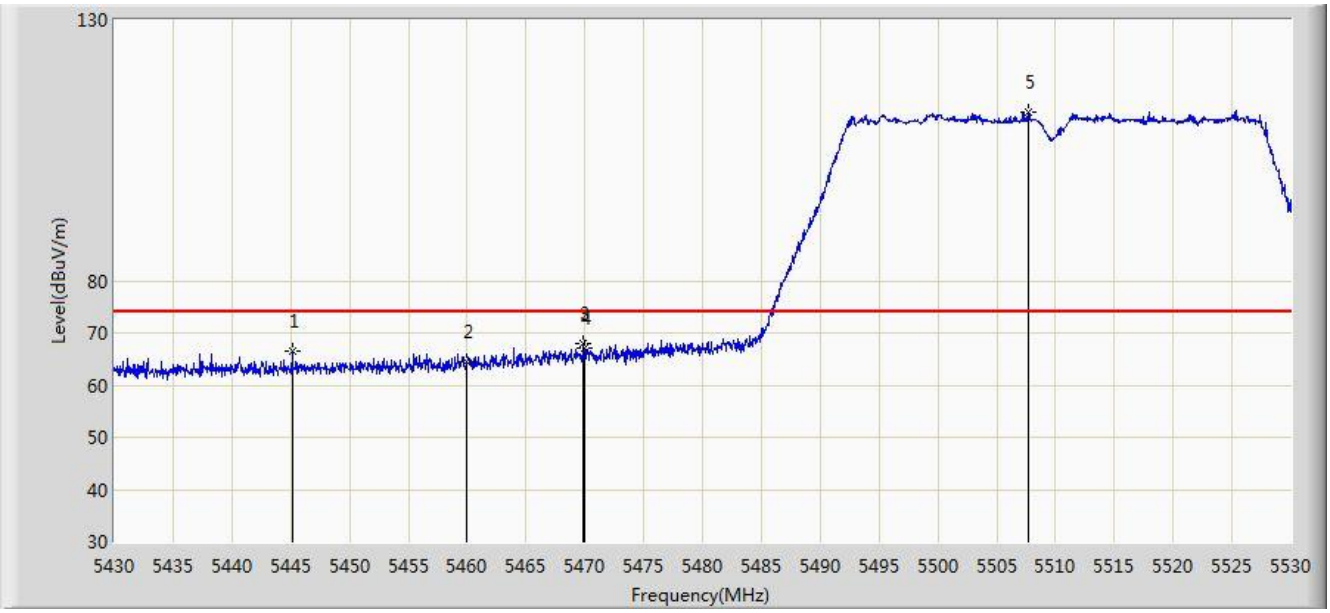


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	52.115	12.829	-1.885	54.000	39.286	AV
2		*	5524.350	93.249	53.791	N/A	N/A	39.457	AV

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

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

Site: AC2	Time: 2017/03/01 - 00:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0 + 1 + 2 + 3	

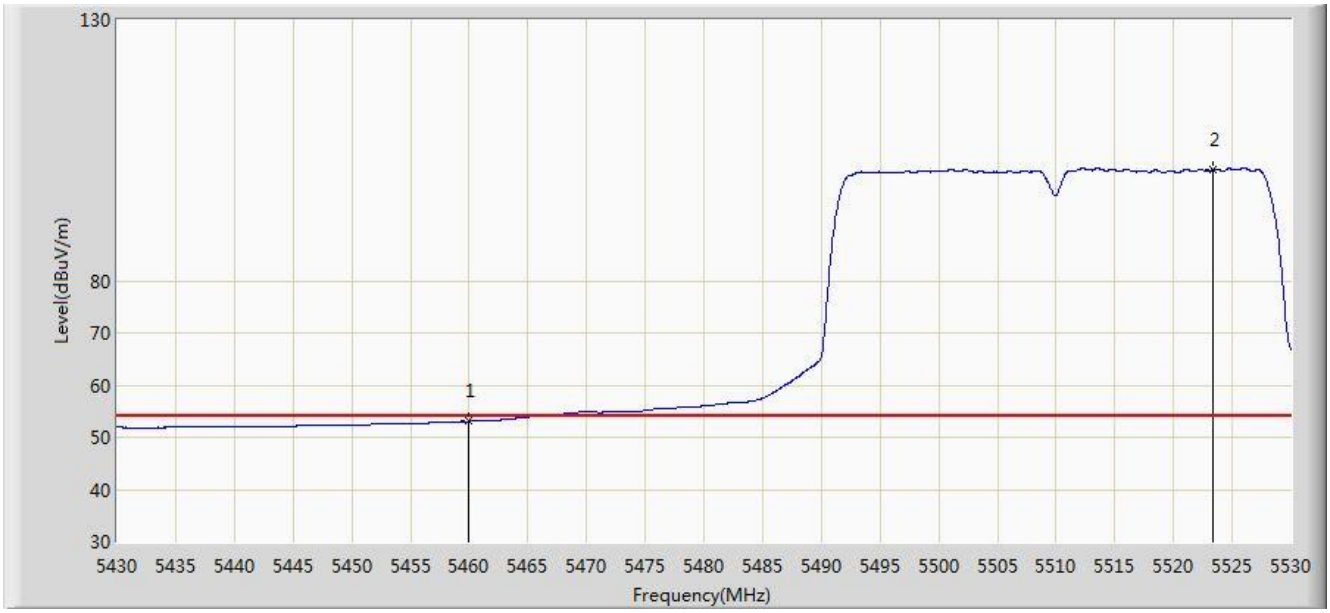


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5445.150	66.447	27.244	-7.553	74.000	39.203	PK
2			5460.000	64.533	25.247	-9.467	74.000	39.286	PK
3			5469.850	67.852	28.464	-6.148	74.000	39.388	PK
4			5470.000	67.152	27.762	-6.848	74.000	39.390	PK
5		*	5507.650	112.269	72.977	N/A	N/A	39.291	PK

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

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

Site: AC2	Time: 2017/03/01 - 00:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0 + 1 + 2 + 3	

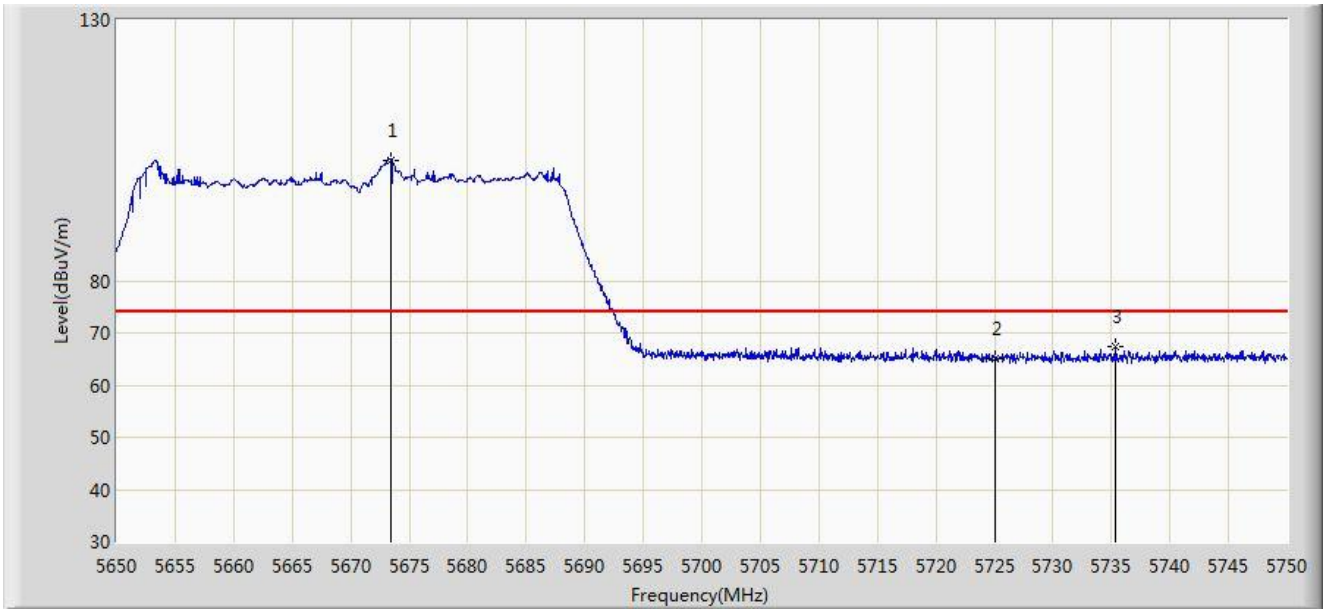


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	53.051	13.765	-0.949	54.000	39.286	AV
2		*	5523.400	101.357	61.899	N/A	N/A	39.458	AV

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

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

Site: AC2	Time: 2017/03/01 - 00:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0 + 1 + 2 + 3	

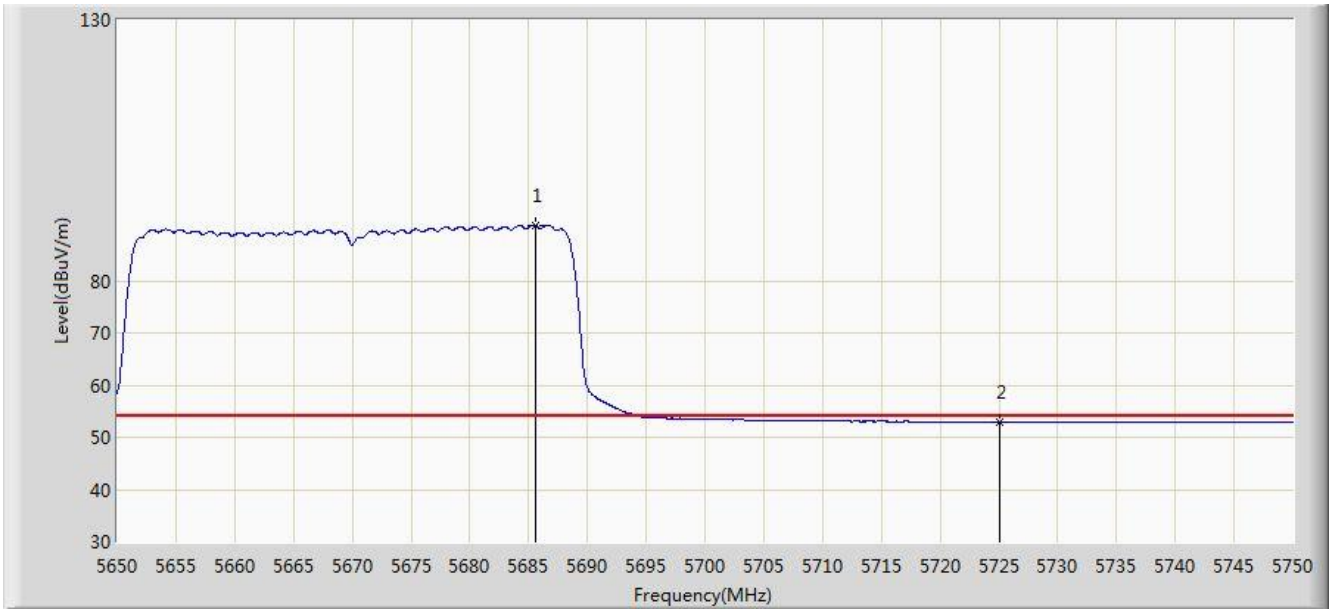


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5673.450	103.152	63.631	N/A	N/A	39.521	PK
2			5725.000	65.027	25.364	-8.973	74.000	39.663	PK
3			5735.400	67.427	27.683	-6.573	74.000	39.744	PK

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

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

Site: AC2	Time: 2017/03/01 - 00:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0 + 1 + 2 + 3	

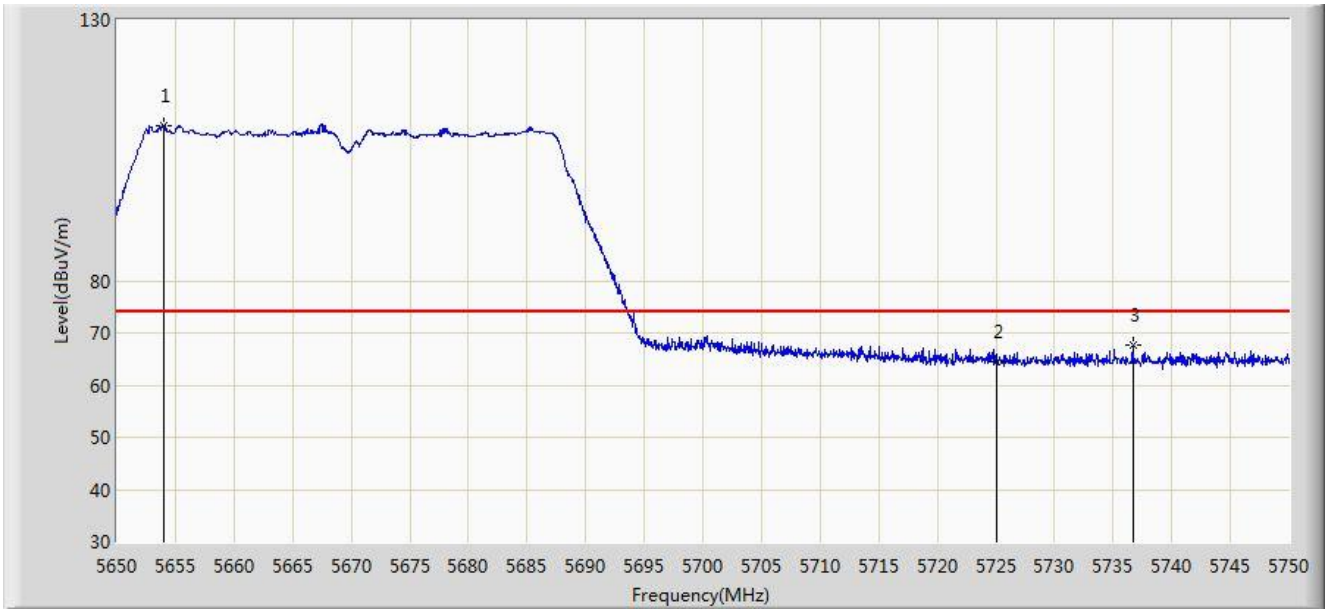


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5685.550	90.657	51.076	N/A	N/A	39.581	AV
2			5725.000	52.942	13.279	-1.058	54.000	39.663	AV

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

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

Site: AC2	Time: 2017/03/01 - 00:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0 + 1 + 2 + 3	

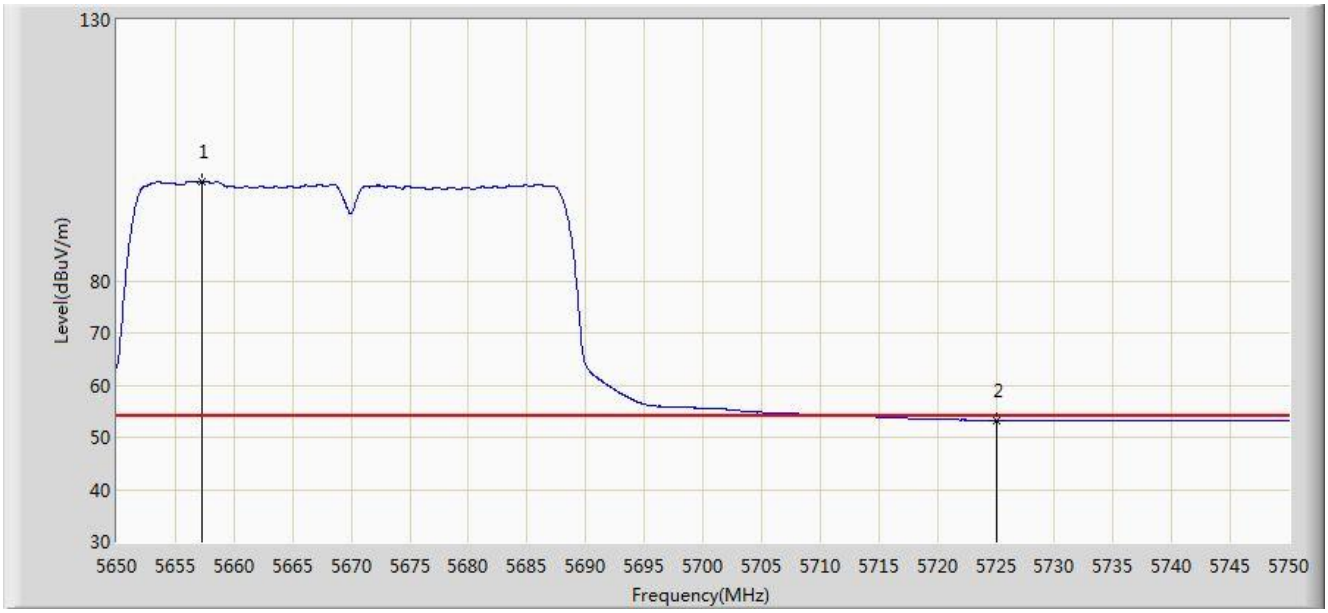


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5654.050	109.712	70.231	N/A	N/A	39.481	PK
2			5725.000	64.484	24.821	-9.516	74.000	39.663	PK
3			5736.700	67.639	27.885	-6.361	74.000	39.754	PK

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

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

Site: AC2	Time: 2017/03/01 - 00:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0 + 1 + 2 + 3	

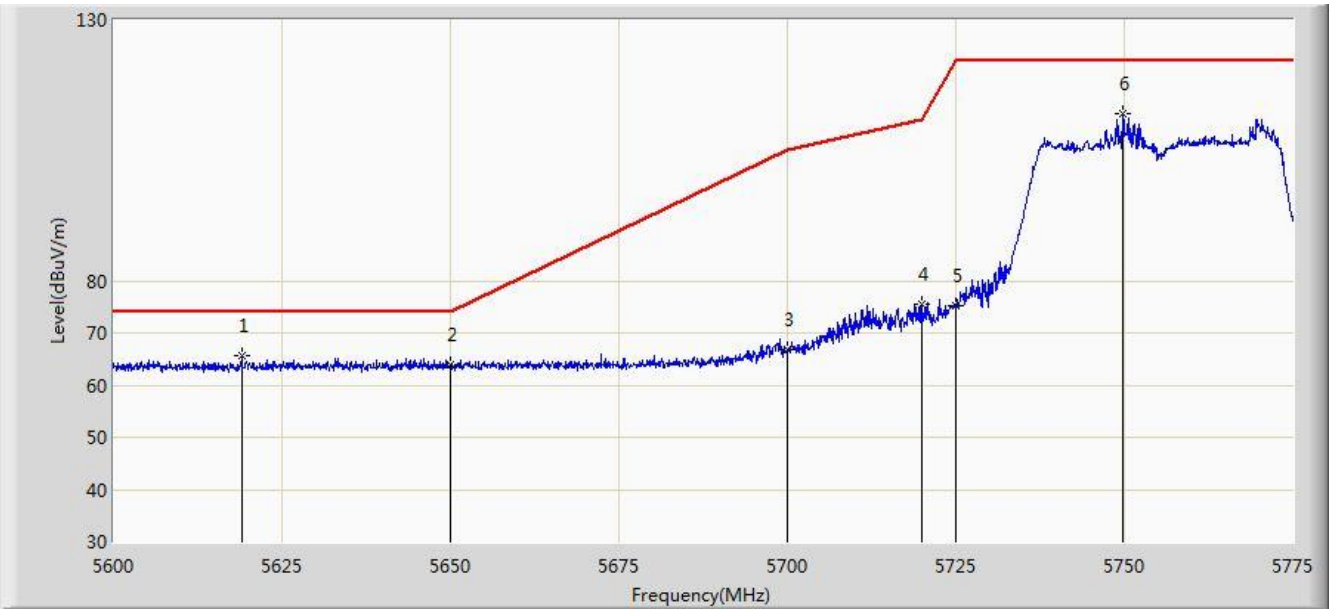


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5657.300	99.104	59.625	N/A	N/A	39.479	AV
2			5725.000	53.267	13.604	-0.733	54.000	39.663	AV

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

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

Site: AC1	Time: 2016/11/30 - 13:59
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz, Ant 0+1+2+3	

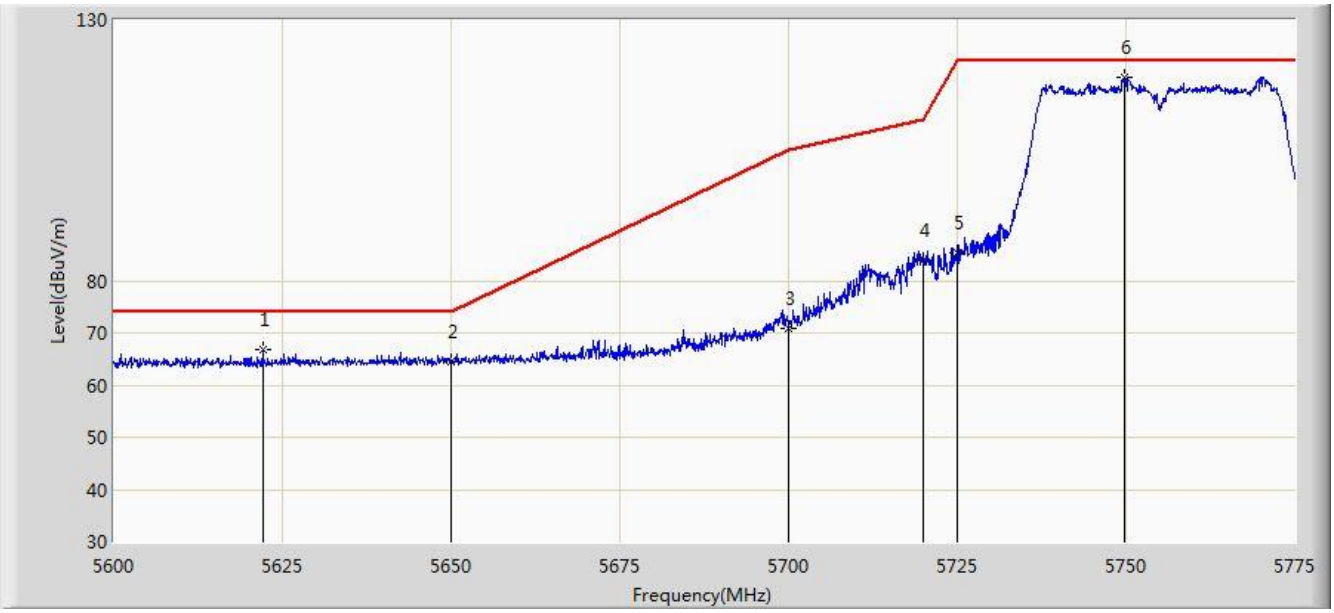


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5619.075	65.655	27.922	-8.345	74.000	37.733	PK
2			5650.000	63.860	26.073	-10.140	74.000	37.787	PK
3			5700.000	66.720	28.828	-38.480	105.200	37.892	PK
4			5720.000	75.458	37.489	-35.342	110.800	37.970	PK
5			5725.000	75.249	37.259	-46.951	122.200	37.990	PK
6			5749.712	111.906	73.812	N/A	N/A	38.094	PK

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

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

Site: AC1	Time: 2016/11/30 - 14:03
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz, Ant 0+1+2+3	

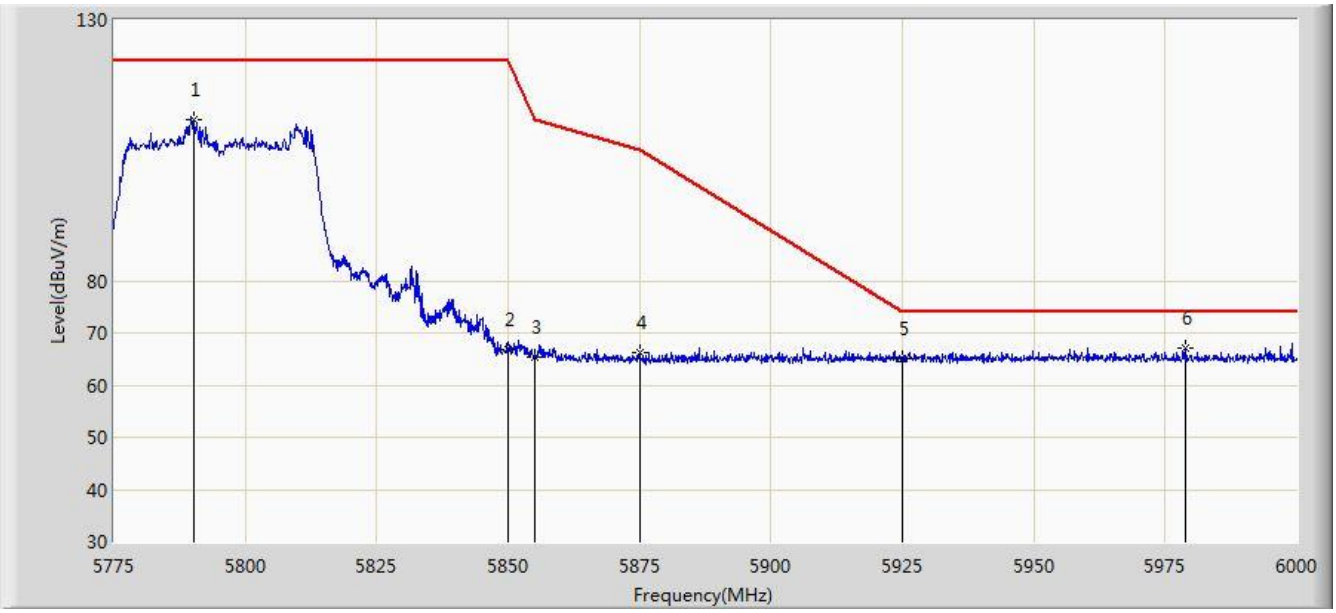


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5622.050	66.856	29.118	-7.144	74.000	37.739	PK
2			5650.000	64.615	26.828	-9.385	74.000	37.787	PK
3			5700.000	71.009	33.117	-34.191	105.200	37.892	PK
4			5720.000	83.903	45.934	-26.897	110.800	37.970	PK
5			5725.000	85.261	47.271	-36.939	122.200	37.990	PK
6		*	5749.888	119.085	80.990	N/A	N/A	38.095	PK

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

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

Site: AC1	Time: 2016/11/30 - 14:06
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz, Ant 0+1+2+3	

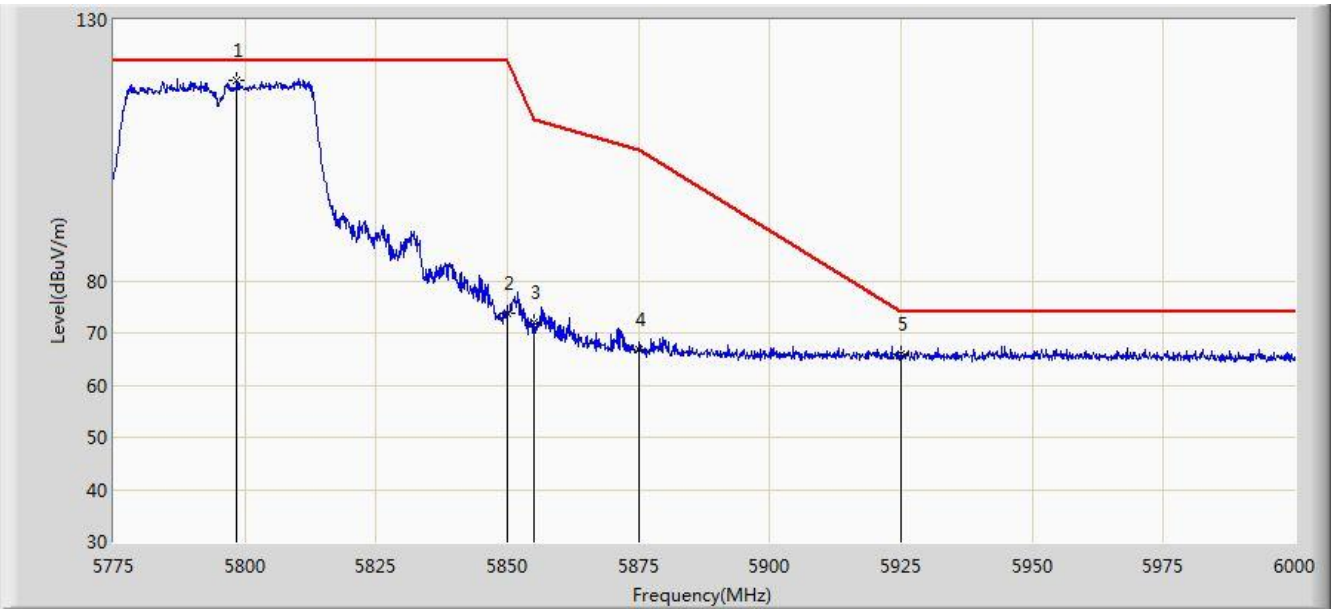


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5790.300	110.989	72.757	N/A	N/A	38.232	PK
2			5850.000	66.681	28.228	-55.519	122.200	38.454	PK
3			5855.000	65.409	26.944	-45.391	110.800	38.465	PK
4			5875.000	66.101	27.604	-39.099	105.200	38.497	PK
5			5925.000	64.994	26.461	-9.006	74.000	38.533	PK
6		*	5978.962	66.985	28.432	-7.015	74.000	38.553	PK

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

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

Site: AC1	Time: 2016/11/30 - 14:06
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz, Ant 0+1+2+3	

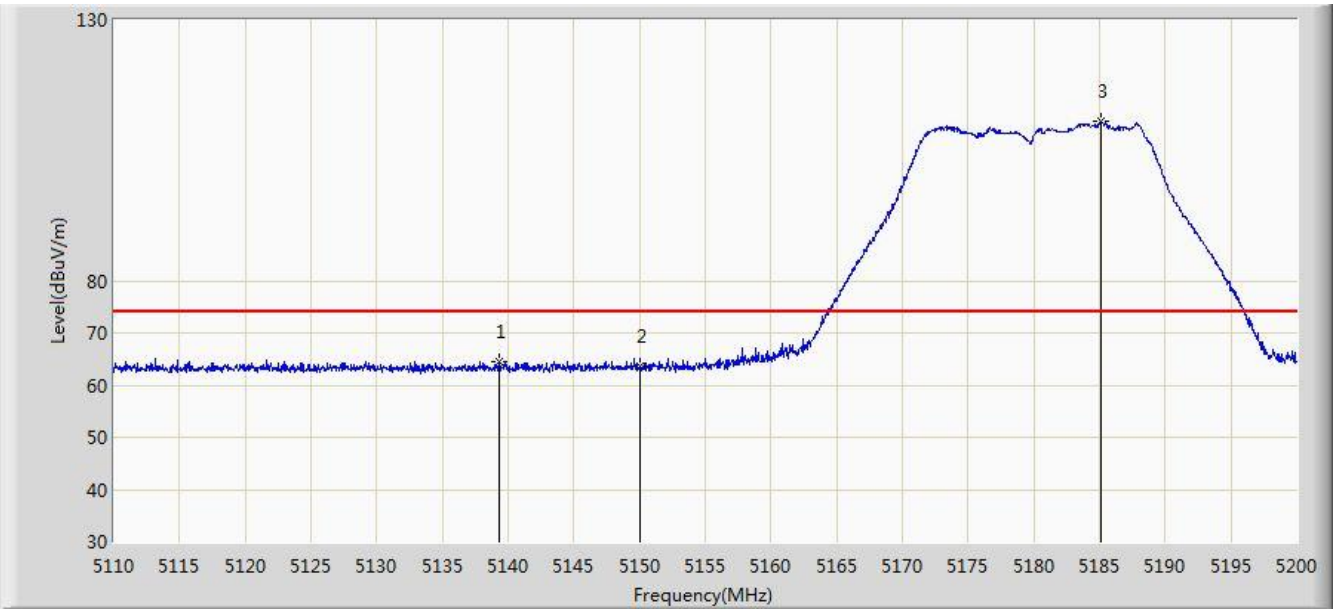


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5798.400	118.503	80.244	N/A	N/A	38.259	PK
2			5850.000	73.786	35.333	-48.414	122.200	38.454	PK
3			5855.000	72.054	33.589	-38.746	110.800	38.465	PK
4			5875.000	66.911	28.414	-38.289	105.200	38.497	PK
5			5925.000	65.862	27.329	-8.138	74.000	38.533	PK

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

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

Site: AC1	Time: 2016/11/30 - 14:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz, Ant 0+1+2+3	

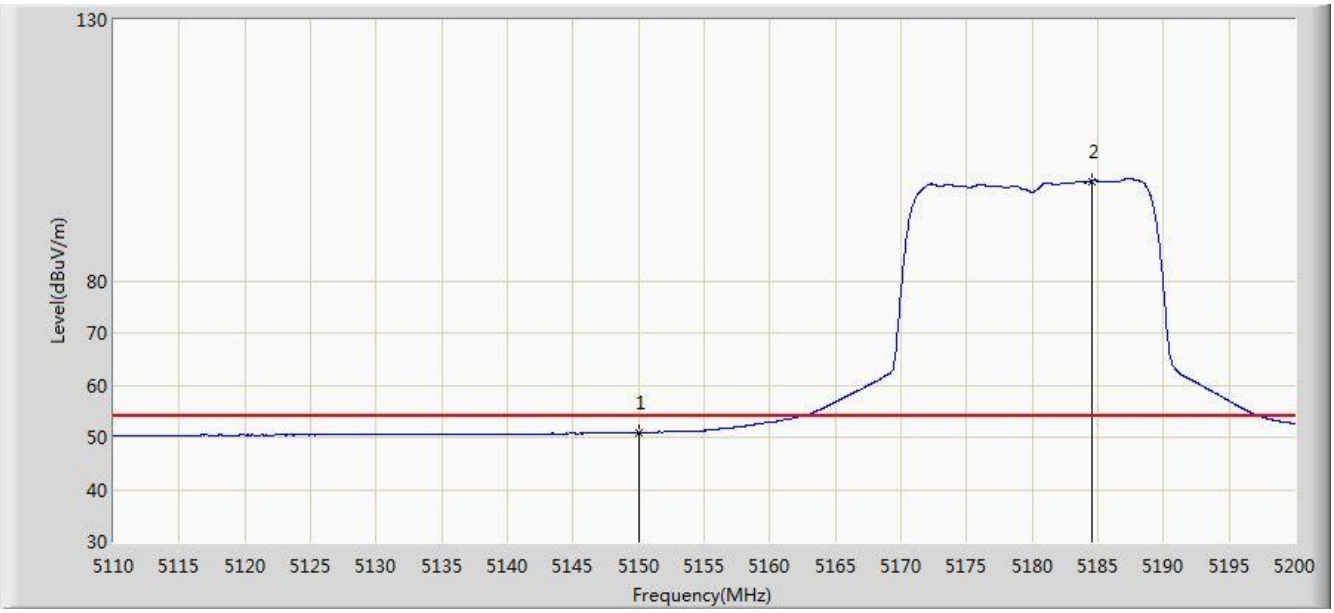


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5139.340	64.464	26.995	-9.536	74.000	37.469	PK
2			5150.000	63.703	26.251	-10.297	74.000	37.452	PK
3		*	5185.060	110.454	73.093	N/A	N/A	37.362	PK

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

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

Site: AC1	Time: 2016/11/30 - 14:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz, Ant 0+1+2+3	

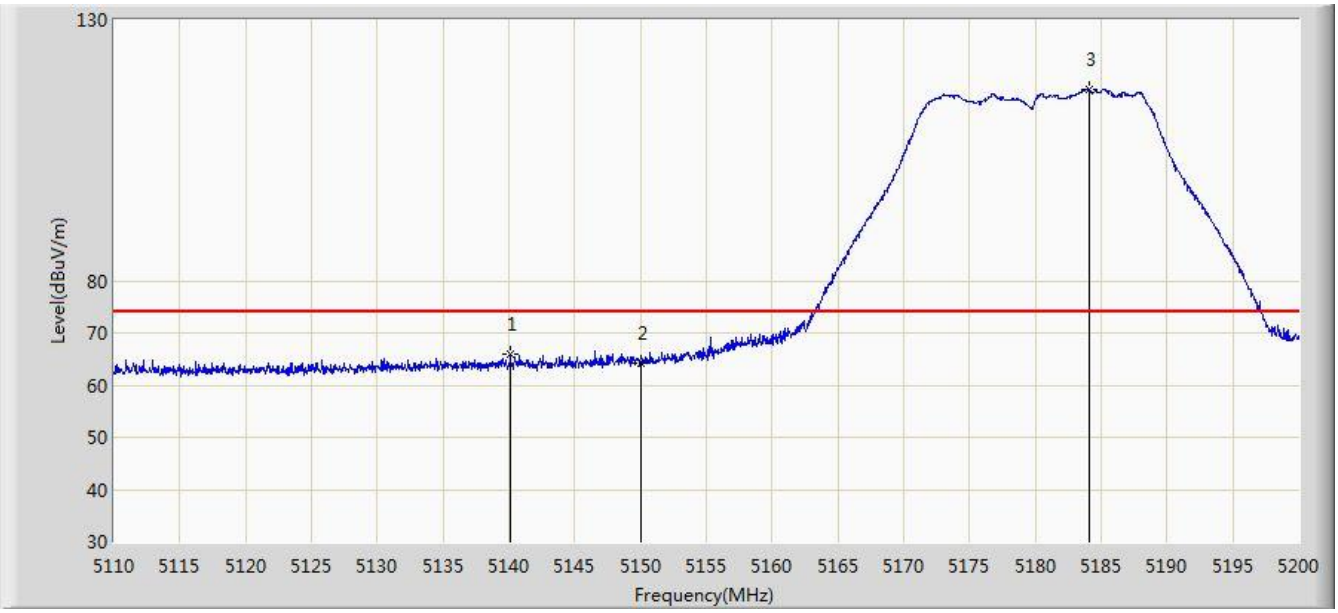


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.884	13.432	-3.116	54.000	37.452	AV
2		*	5184.520	99.107	61.744	N/A	N/A	37.363	AV

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

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

Site: AC1	Time: 2016/11/30 - 14:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz, Ant 0+1+2+3	

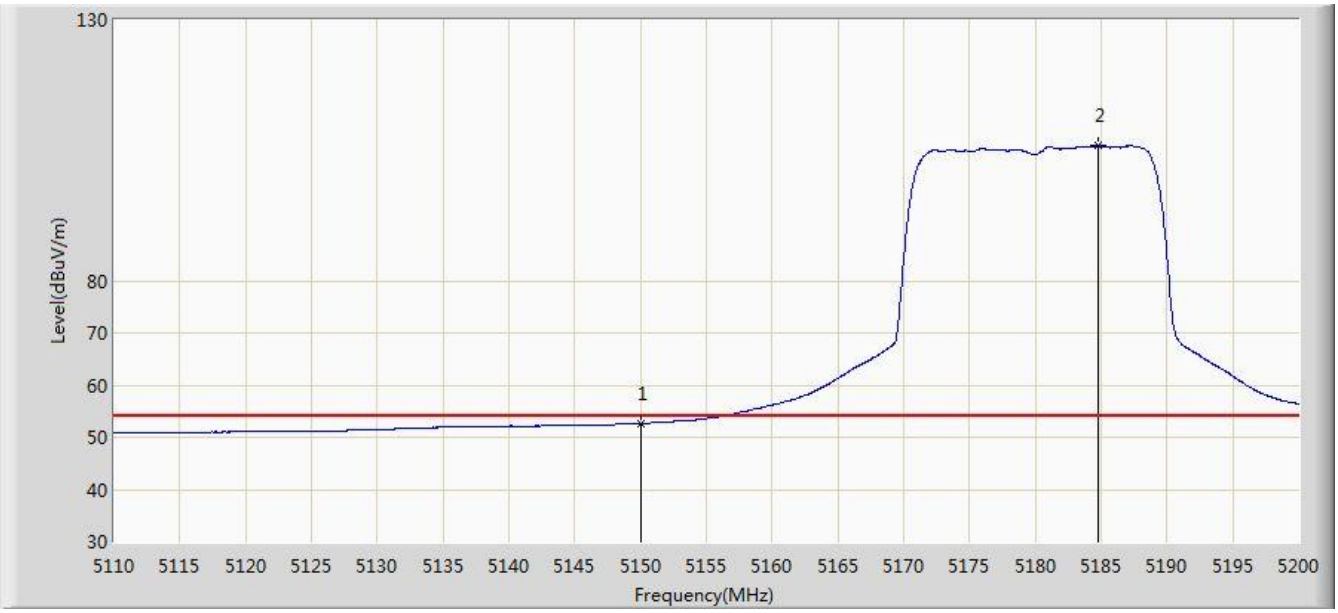


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5140.105	65.999	28.532	-8.001	74.000	37.467	PK
2			5150.000	64.223	26.771	-9.777	74.000	37.452	PK
3		*	5184.115	116.531	79.167	N/A	N/A	37.364	PK

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

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

Site: AC1	Time: 2016/11/30 - 14:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz, Ant 0+1+2+3	

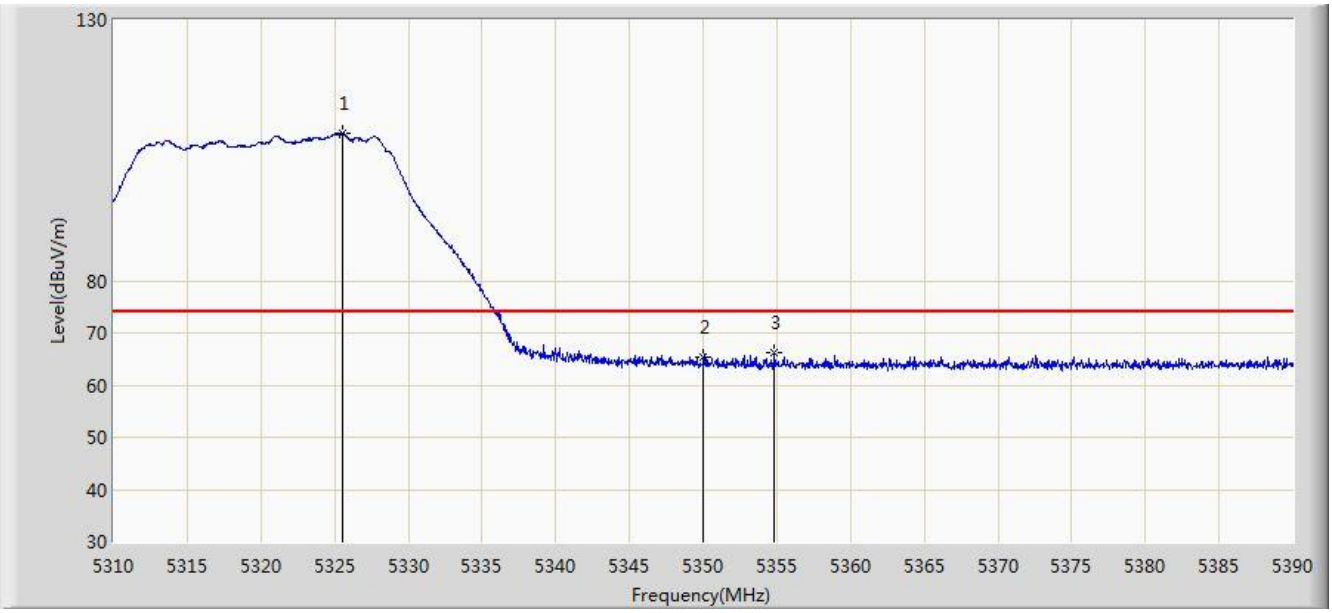


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.642	15.190	-1.358	54.000	37.452	AV
2		*	5184.745	105.939	68.577	N/A	N/A	37.362	AV

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

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

Site: AC2	Time: 2017/02/28 - 22:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0 + 1 + 2 + 3	

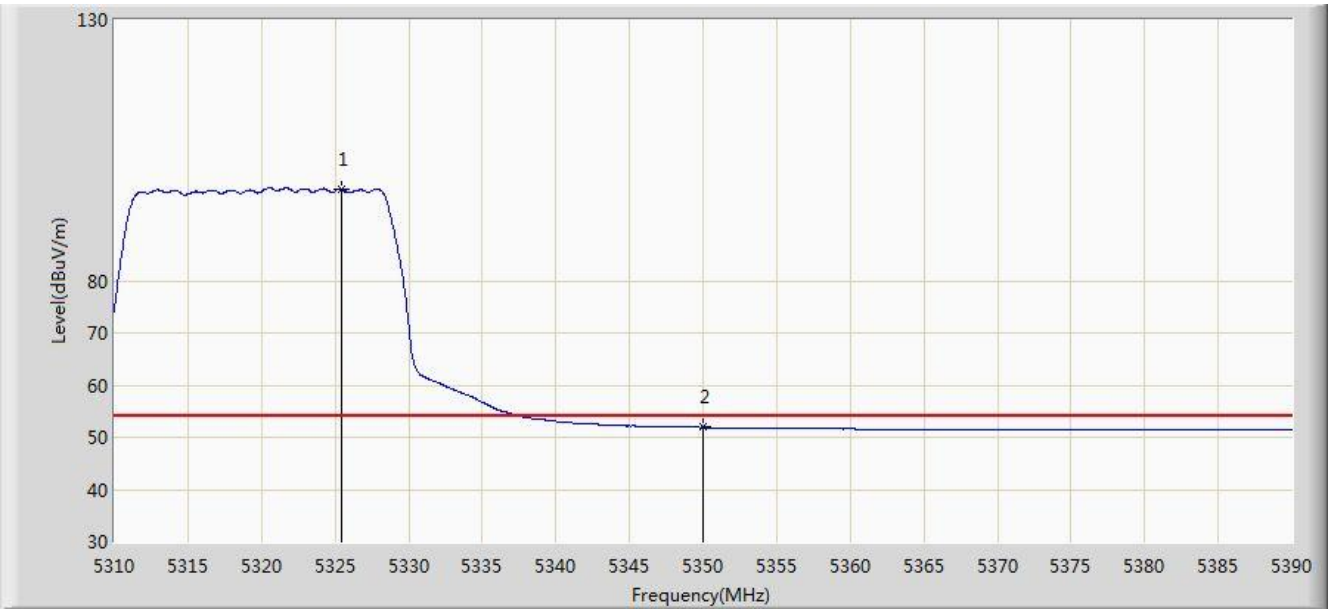


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.520	108.274	69.404	N/A	N/A	38.870	PK
2			5350.000	65.486	26.598	-8.514	74.000	38.888	PK
3			5354.840	66.332	27.440	-7.668	74.000	38.892	PK

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

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

Site: AC2	Time: 2017/02/28 - 22:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0 + 1 + 2 + 3	

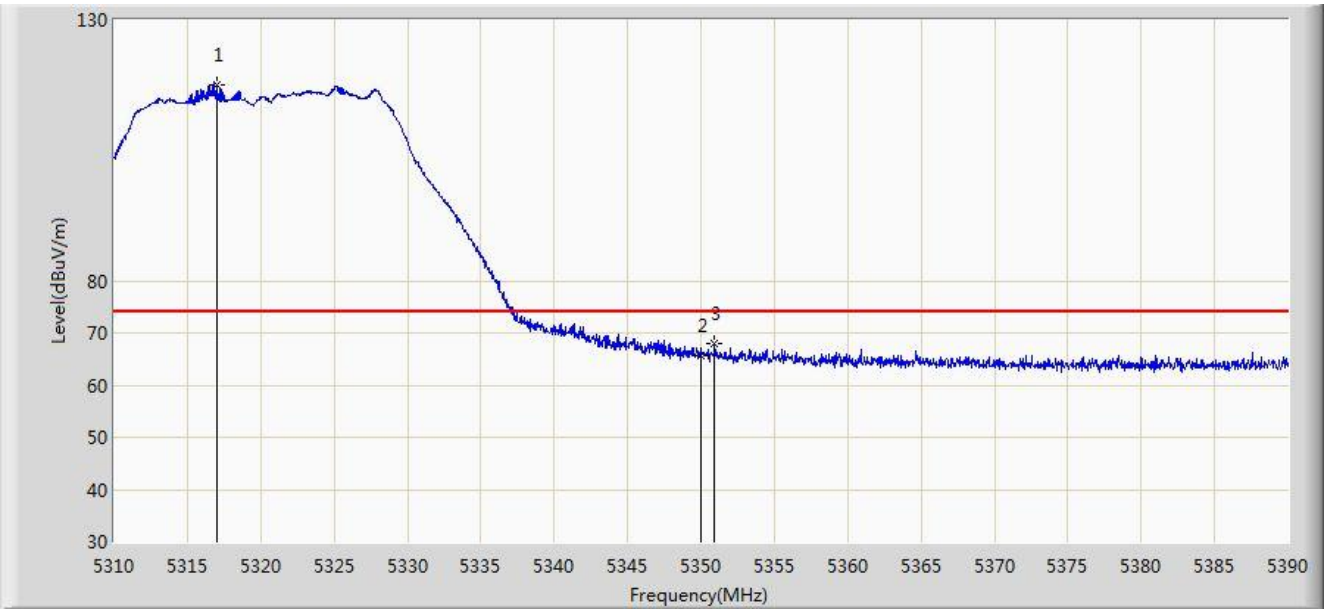


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.400	97.579	58.709	N/A	N/A	38.870	AV
2			5350.000	51.899	13.011	-2.101	54.000	38.888	AV

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

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

Site: AC2	Time: 2017/02/28 - 22:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0 + 1 + 2 + 3	

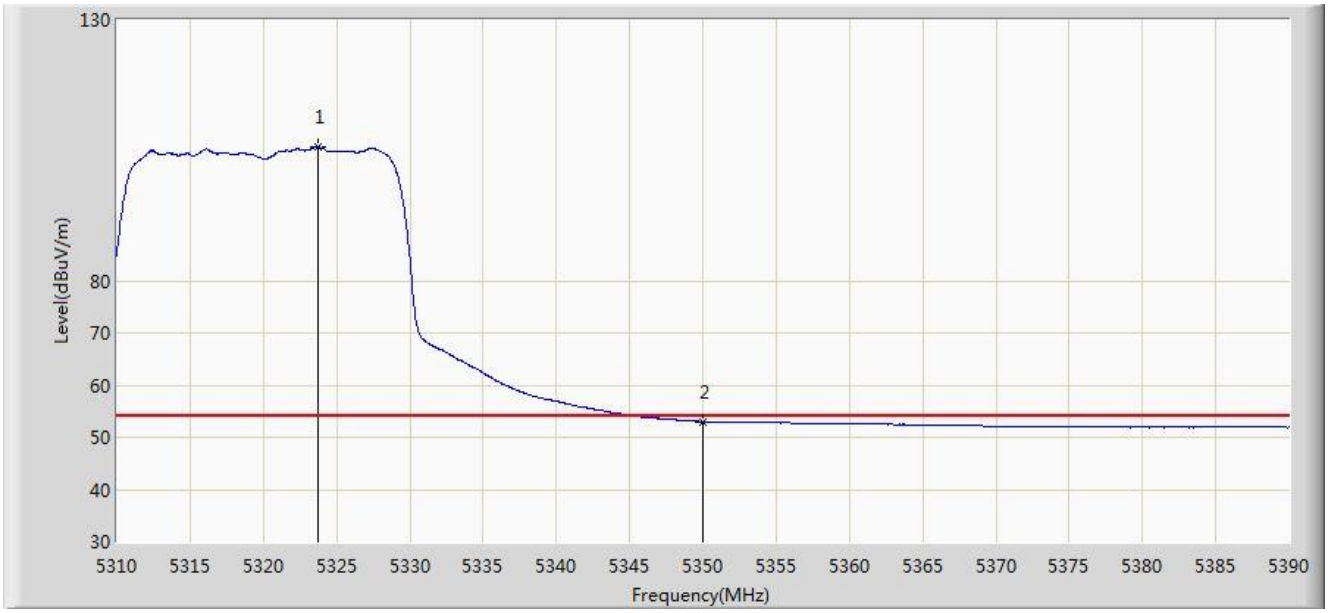


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.000	117.518	78.645	N/A	N/A	38.872	PK
2			5350.000	65.546	26.658	-8.454	74.000	38.888	PK
3			5350.920	67.889	28.999	-6.111	74.000	38.890	PK

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

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

Site: AC2	Time: 2017/02/28 - 22:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0 + 1 + 2 + 3	

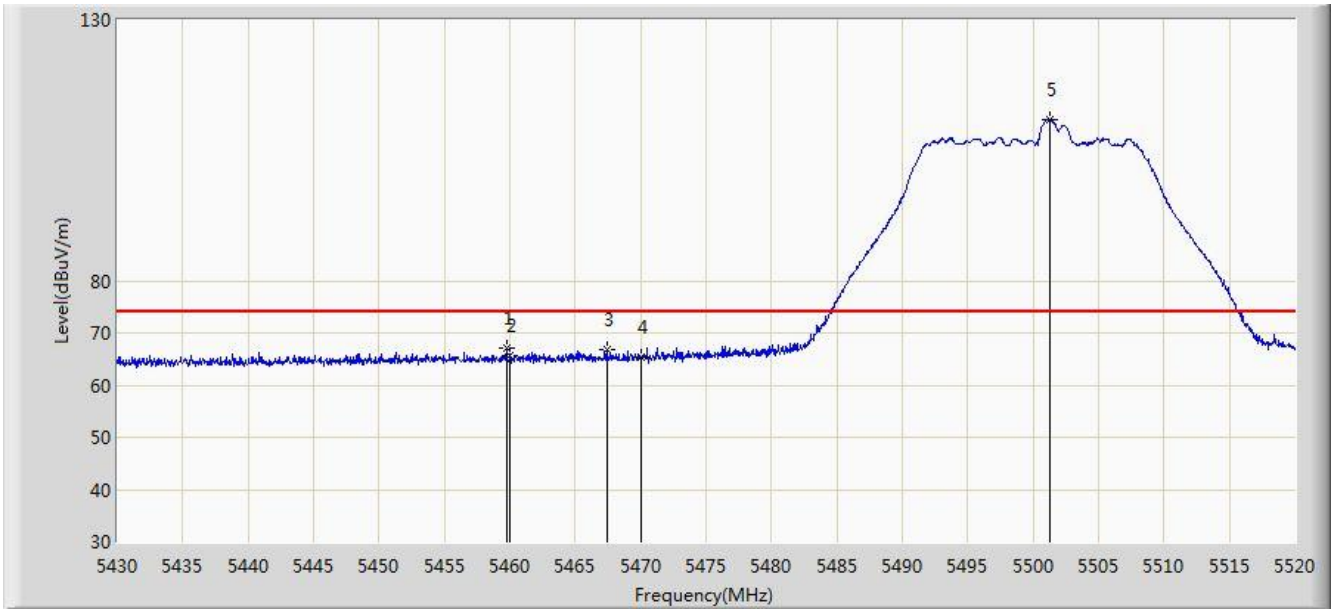


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5323.760	105.668	66.797	N/A	N/A	38.872	AV
2			5350.000	52.984	14.096	-1.016	54.000	38.888	AV

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

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

Site: AC2	Time: 2017/02/28 - 22:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0 + 1 + 2 + 3	

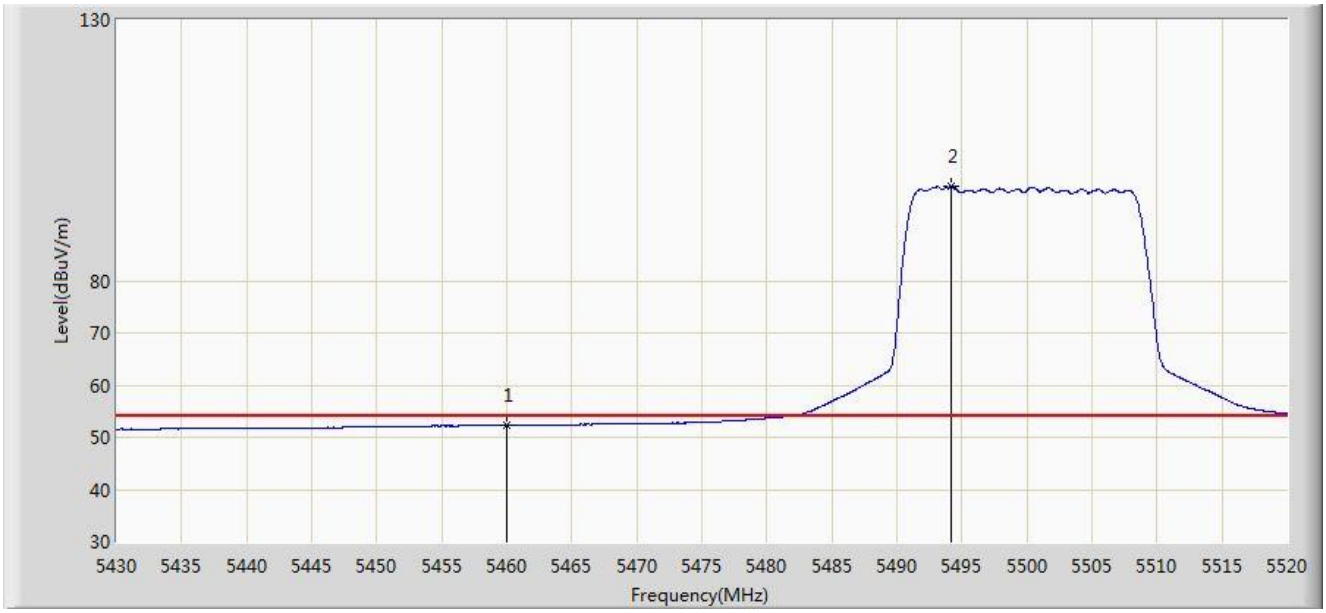


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.745	67.128	27.845	-6.872	74.000	39.283	PK
2			5460.000	65.753	26.467	-8.247	74.000	39.286	PK
3			5467.395	66.916	27.553	-7.084	74.000	39.363	PK
4			5470.000	65.240	25.850	-8.760	74.000	39.390	PK
5		*	5501.325	110.924	71.641	N/A	N/A	39.283	PK

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

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

Site: AC2	Time: 2017/02/28 - 22:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0 + 1 + 2 + 3	

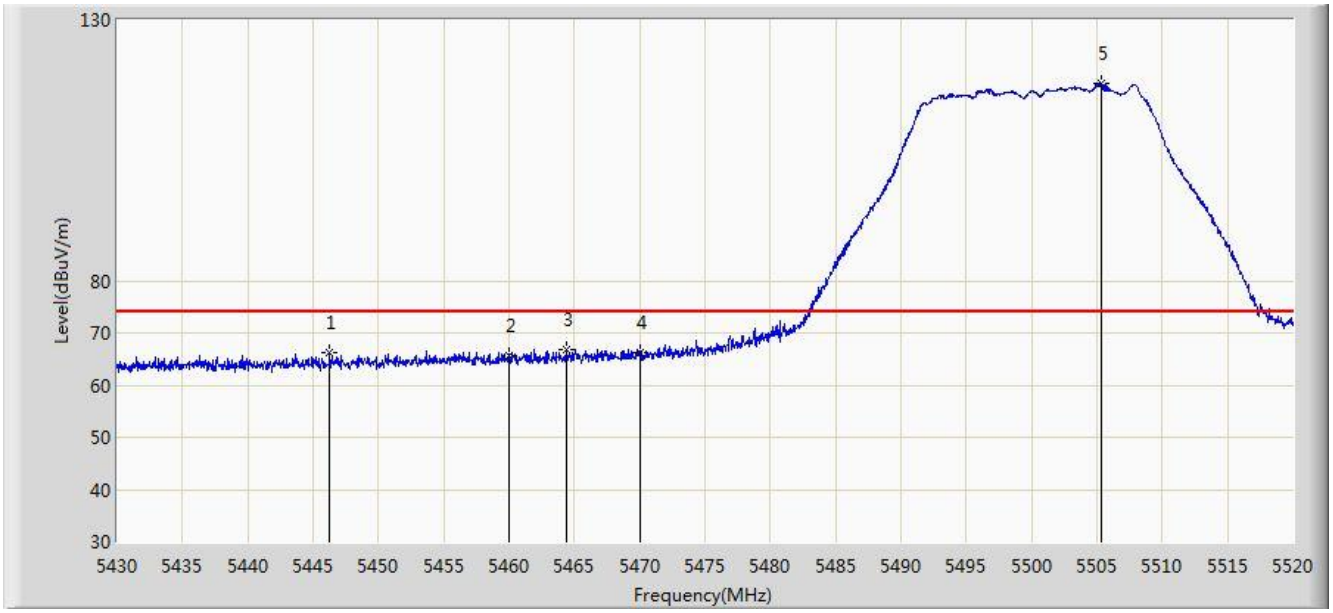


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	52.300	13.014	-1.700	54.000	39.286	AV
2		*	5494.215	98.056	58.731	N/A	N/A	39.325	AV

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

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

Site: AC2	Time: 2017/02/28 - 22:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0 + 1 + 2 + 3	

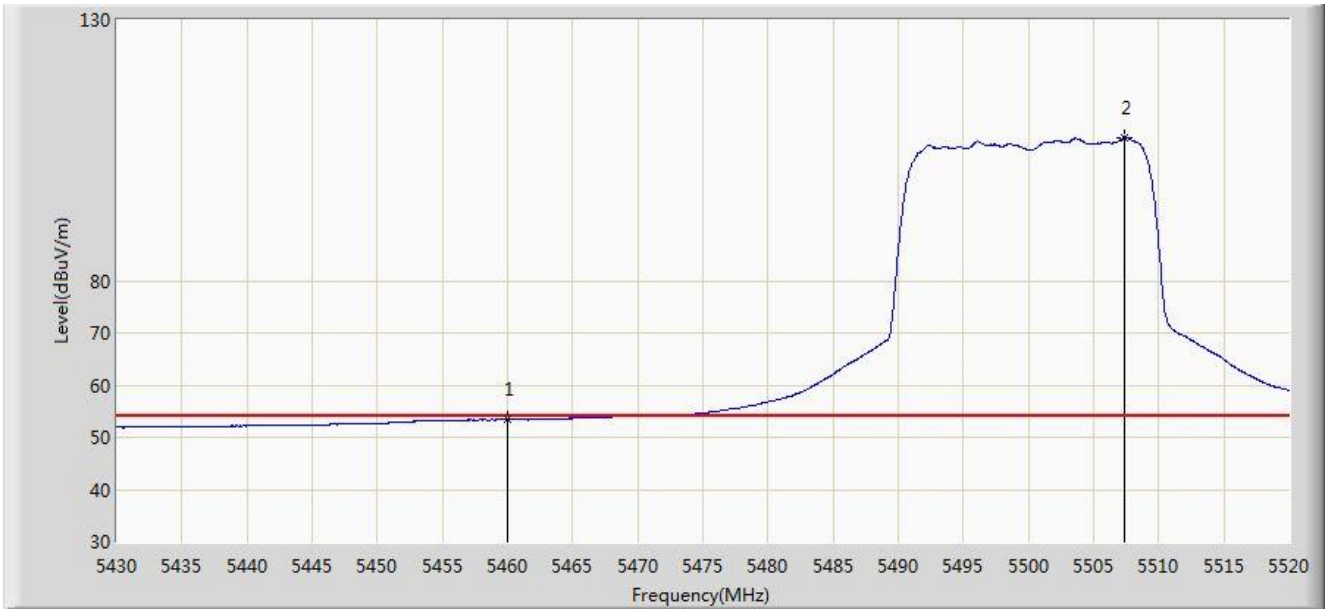


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5446.290	66.345	27.139	-7.655	74.000	39.206	PK
2			5460.000	65.706	26.420	-8.294	74.000	39.286	PK
3			5464.425	66.908	27.576	-7.092	74.000	39.331	PK
4			5470.000	66.091	26.701	-7.909	74.000	39.390	PK
5		*	5505.285	117.755	78.491	N/A	N/A	39.264	PK

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

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

Site: AC2	Time: 2017/02/28 - 22:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0 + 1 + 2 + 3	

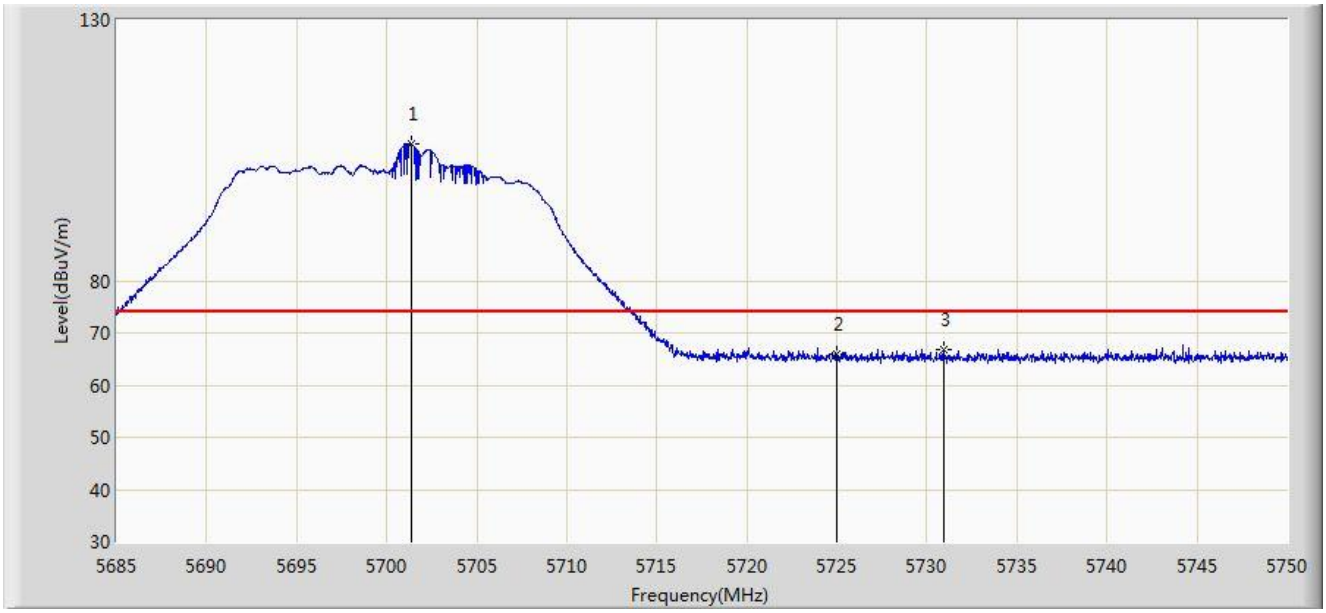


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	53.404	14.118	-0.596	54.000	39.286	AV
2		*	5507.355	107.530	68.242	N/A	N/A	39.288	AV

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

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

Site: AC2	Time: 2017/02/28 - 22:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0 + 1 + 2 + 3	

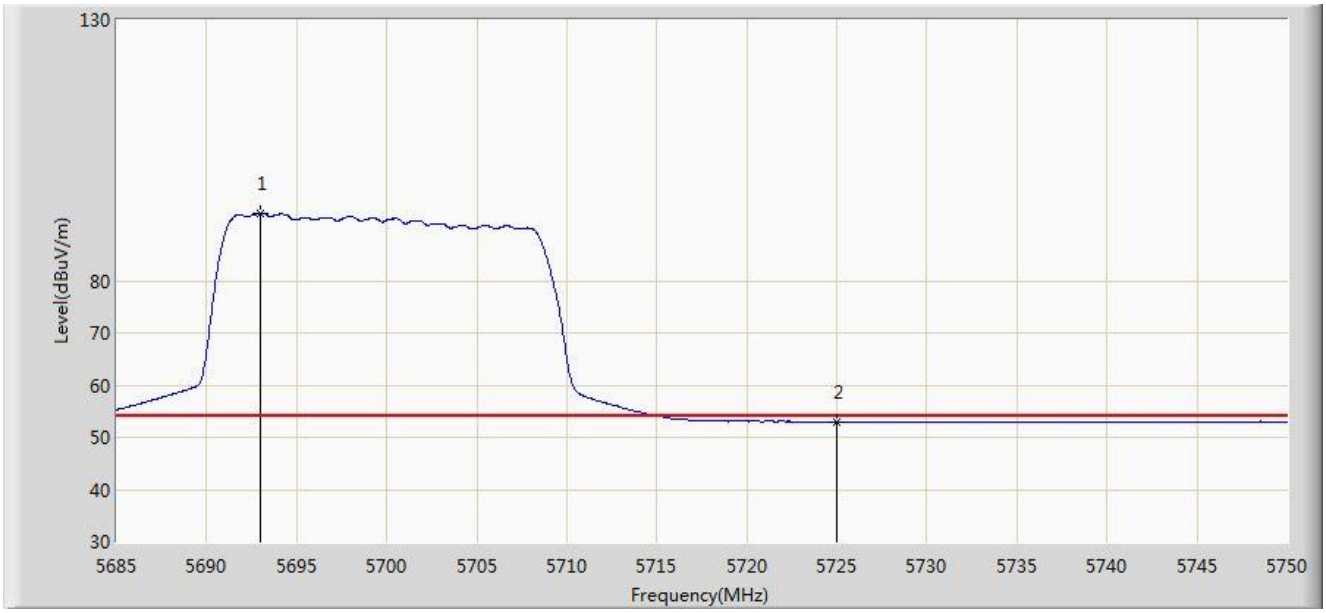


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5701.348	106.119	66.546	N/A	N/A	39.573	PK
2			5725.000	66.009	26.346	-7.991	74.000	39.663	PK
3			5730.955	66.805	27.096	-7.195	74.000	39.710	PK

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

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

Site: AC2	Time: 2017/02/28 - 22:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0 + 1 + 2 + 3	

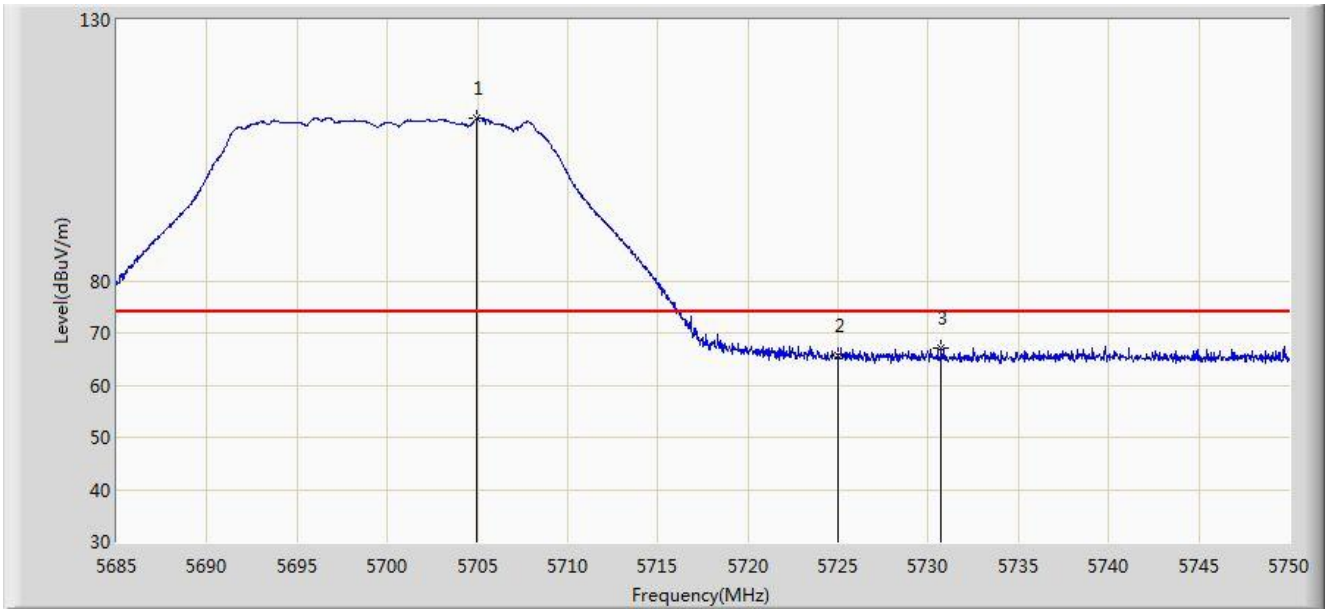


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5692.995	92.895	53.283	N/A	N/A	39.612	AV
2			5725.000	52.949	13.286	-1.051	54.000	39.663	AV

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

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

aSite: AC2	Time: 2017/02/28 - 22:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0 + 1 + 2 + 3	

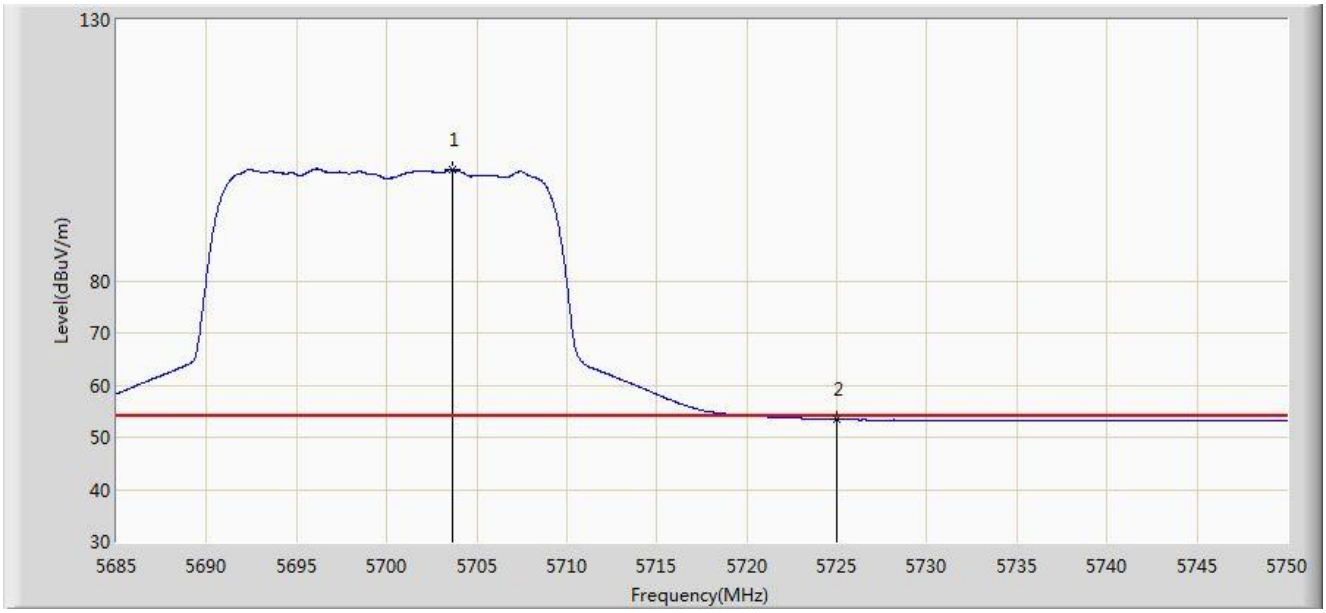


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5704.987	111.064	71.504	N/A	N/A	39.560	PK
2			5725.000	65.696	26.033	-8.304	74.000	39.663	PK
3			5730.728	67.210	27.502	-6.790	74.000	39.708	PK

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

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

Site: AC2	Time: 2017/02/28 - 22:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0 + 1 + 2 + 3	

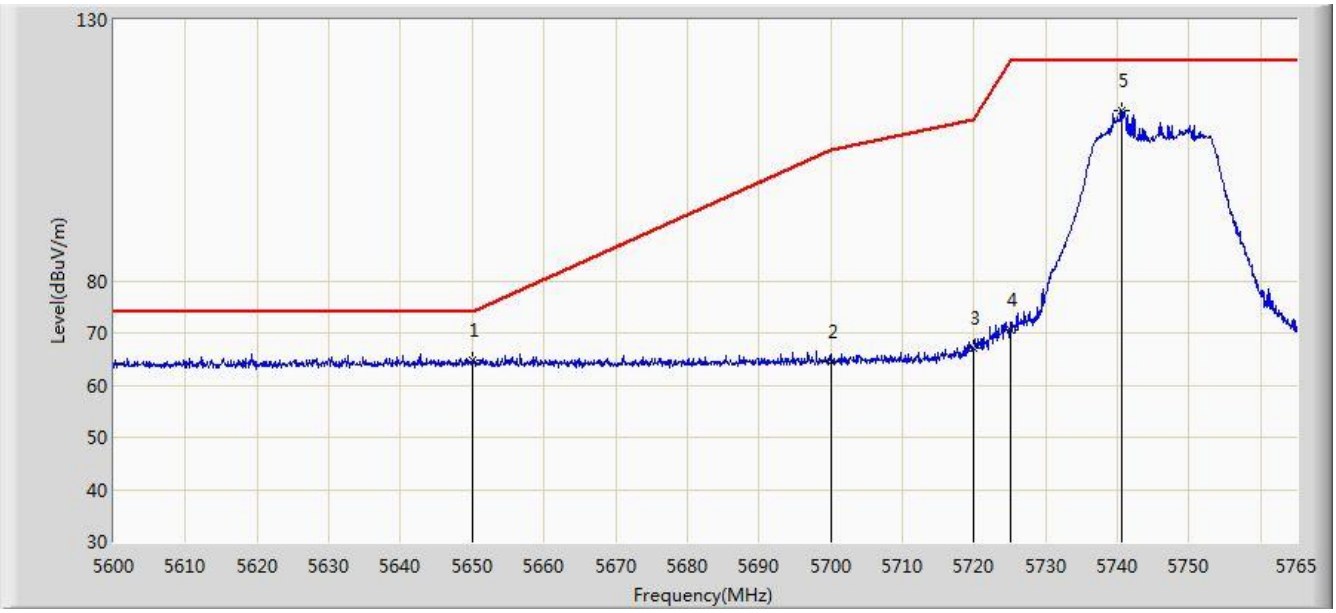


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5703.655	101.376	61.812	N/A	N/A	39.564	AV
2			5725.000	53.351	13.688	-0.649	54.000	39.663	AV

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

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

Site: AC1	Time: 2016/11/30 - 14:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz, Ant 0+1+2+3	

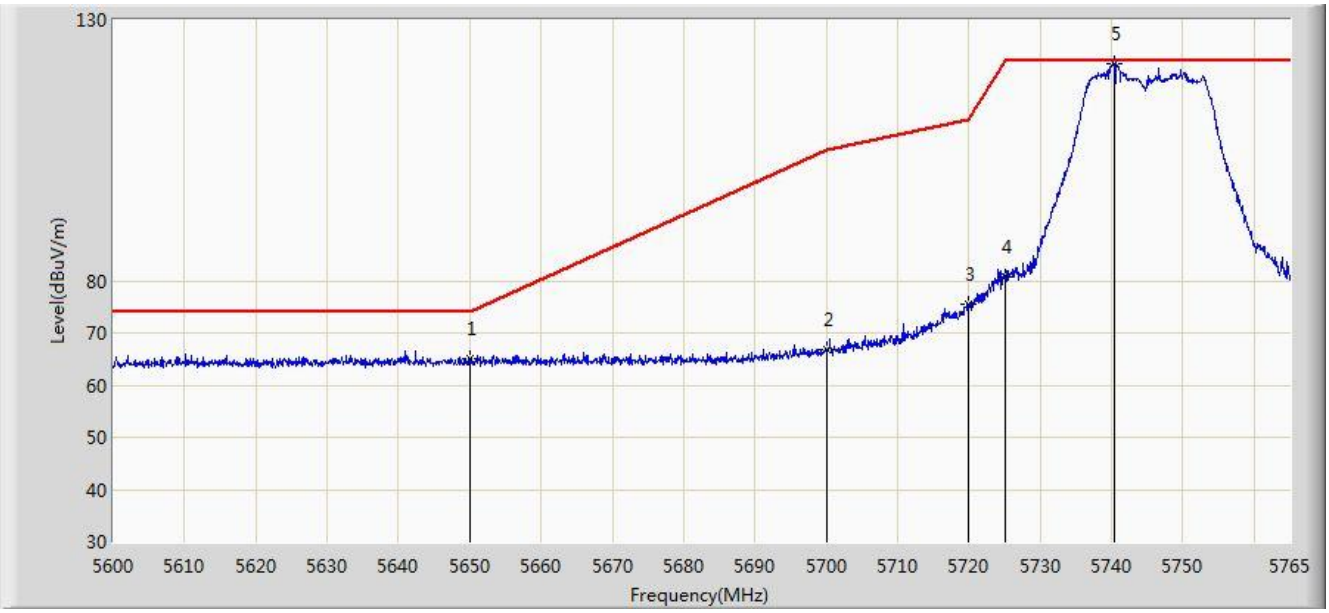


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5650.000	64.702	26.915	-9.298	74.000	37.787	PK
2			5700.000	64.499	26.607	-40.701	105.200	37.892	PK
3			5720.000	67.235	29.266	-43.565	110.800	37.970	PK
4			5725.000	70.671	32.681	-51.529	122.200	37.990	PK
5			5740.580	112.749	74.696	N/A	N/A	38.053	PK

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

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

Site: AC1	Time: 2016/11/30 - 14:18
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz, Ant 0+1+2+3	

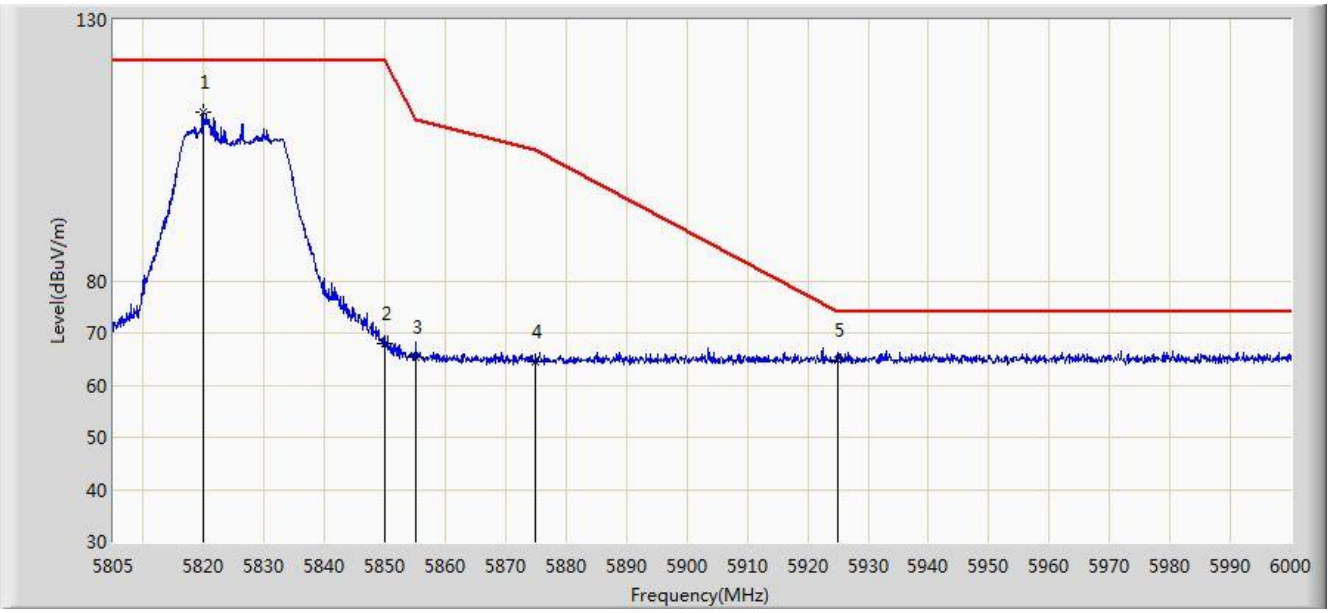


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	64.945	27.158	-9.055	74.000	37.787	PK
2			5700.000	66.815	28.923	-38.385	105.200	37.892	PK
3			5720.000	75.368	37.399	-35.432	110.800	37.970	PK
4			5725.000	80.642	42.652	-41.558	122.200	37.990	PK
5		*	5740.498	121.570	83.517	N/A	N/A	38.053	PK

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

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

Site: AC1	Time: 2016/11/30 - 14:28
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz, Ant 0+1+2+3	

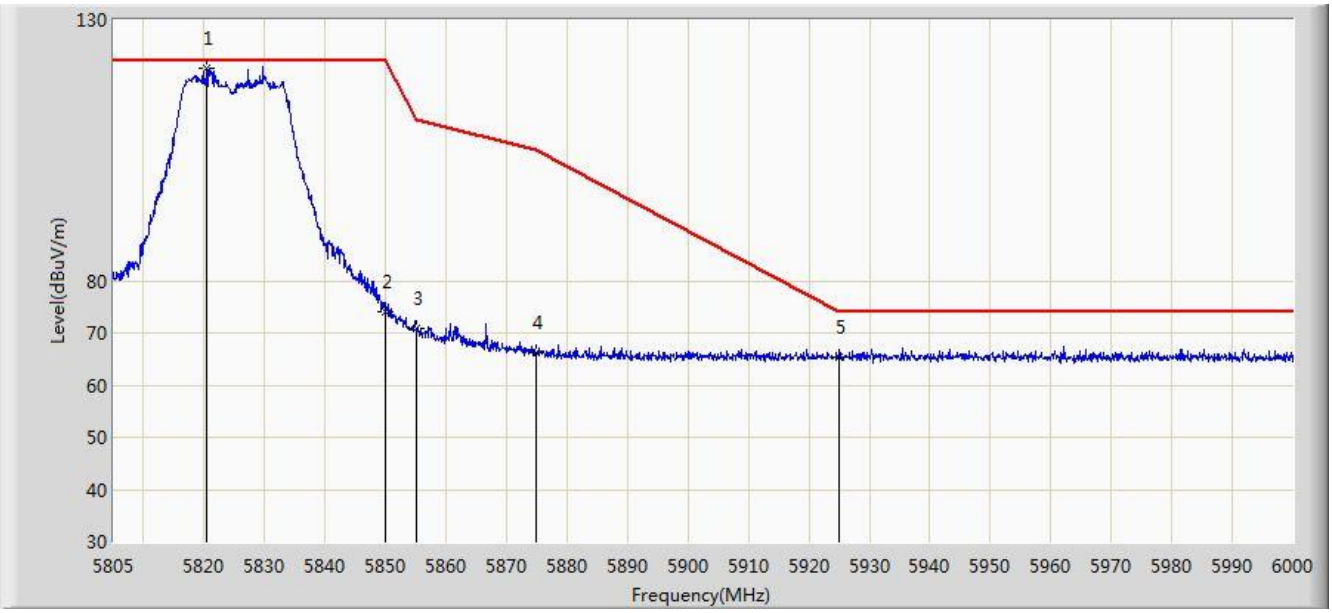


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5819.917	112.184	73.850	N/A	N/A	38.335	PK
2			5850.000	68.115	29.662	-54.085	122.200	38.454	PK
3			5855.000	65.326	26.861	-45.474	110.800	38.465	PK
4			5875.000	64.561	26.064	-40.639	105.200	38.497	PK
5		*	5925.000	64.653	26.120	-9.347	74.000	38.533	PK

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

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

Site: AC1	Time: 2016/11/30 - 14:26
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz, Ant 0+1+2+3	

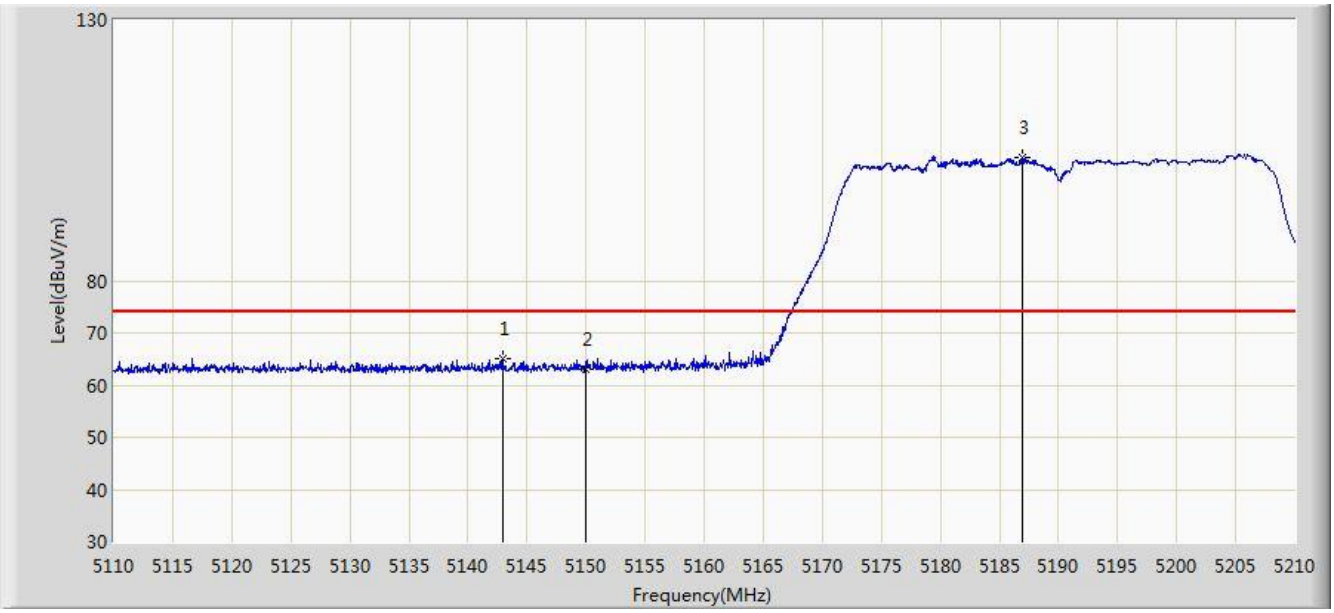


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.405	120.671	82.334	N/A	N/A	38.336	PK
2			5850.000	74.152	35.699	-48.048	122.200	38.454	PK
3			5855.000	70.850	32.385	-39.950	110.800	38.465	PK
4			5875.000	66.342	27.845	-38.858	105.200	38.497	PK
5			5925.000	65.436	26.903	-8.564	74.000	38.533	PK

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

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

Site: AC1	Time: 2016/11/30 - 14:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz, Ant 0+1+2+3	

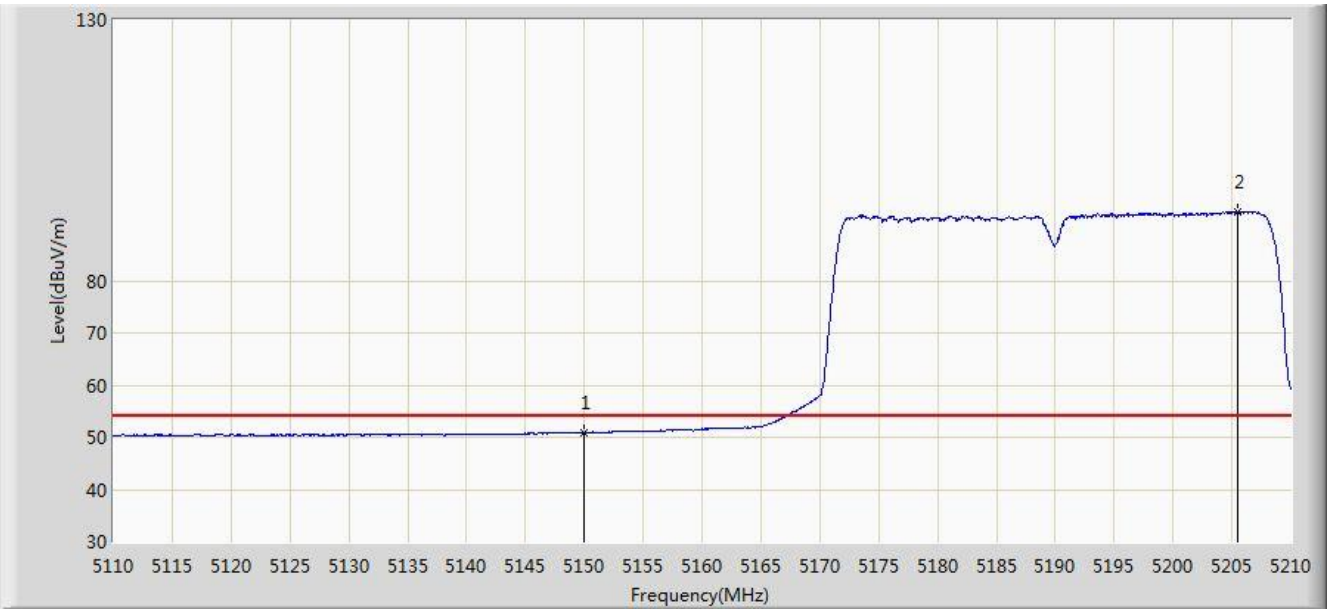


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.900	65.012	27.549	-8.988	74.000	37.463	PK
2			5150.000	63.072	25.620	-10.928	74.000	37.452	PK
3		*	5187.000	103.647	66.291	N/A	N/A	37.356	PK

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

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

Site: AC1	Time: 2016/11/30 - 14:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz, Ant 0+1+2+3	

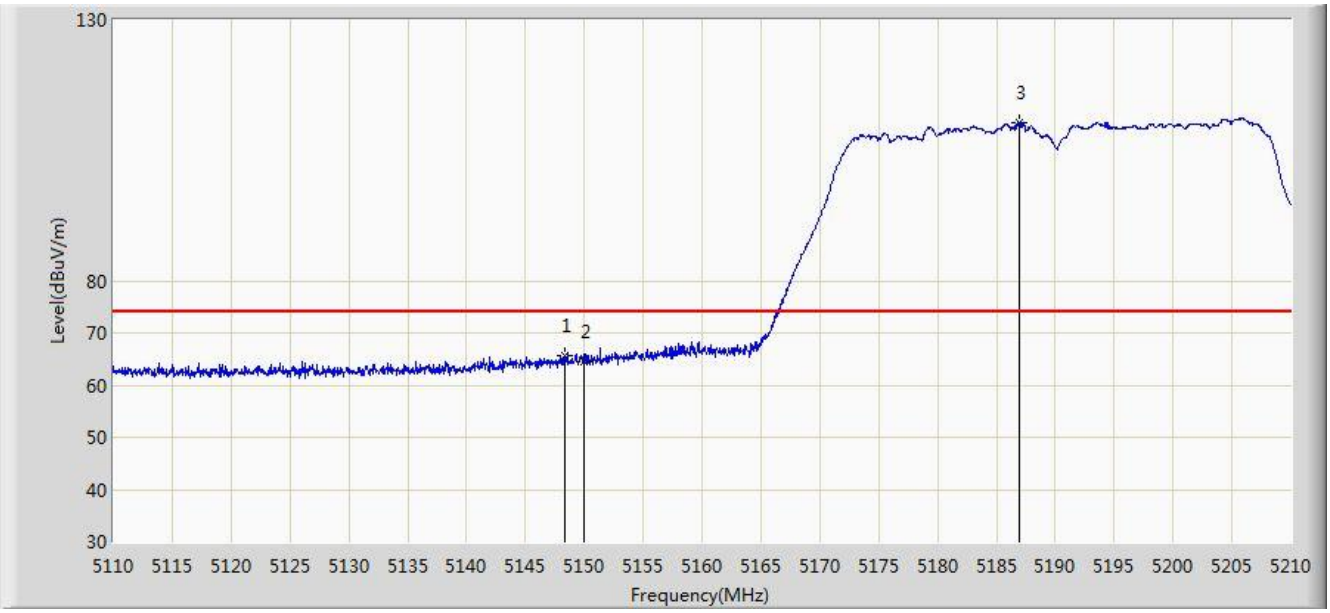


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.850	13.398	-3.150	54.000	37.452	AV
2		*	5205.450	93.235	55.930	N/A	N/A	37.305	AV

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

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

Site: AC1	Time: 2016/11/30 - 14:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz, Ant 0+1+2+3	

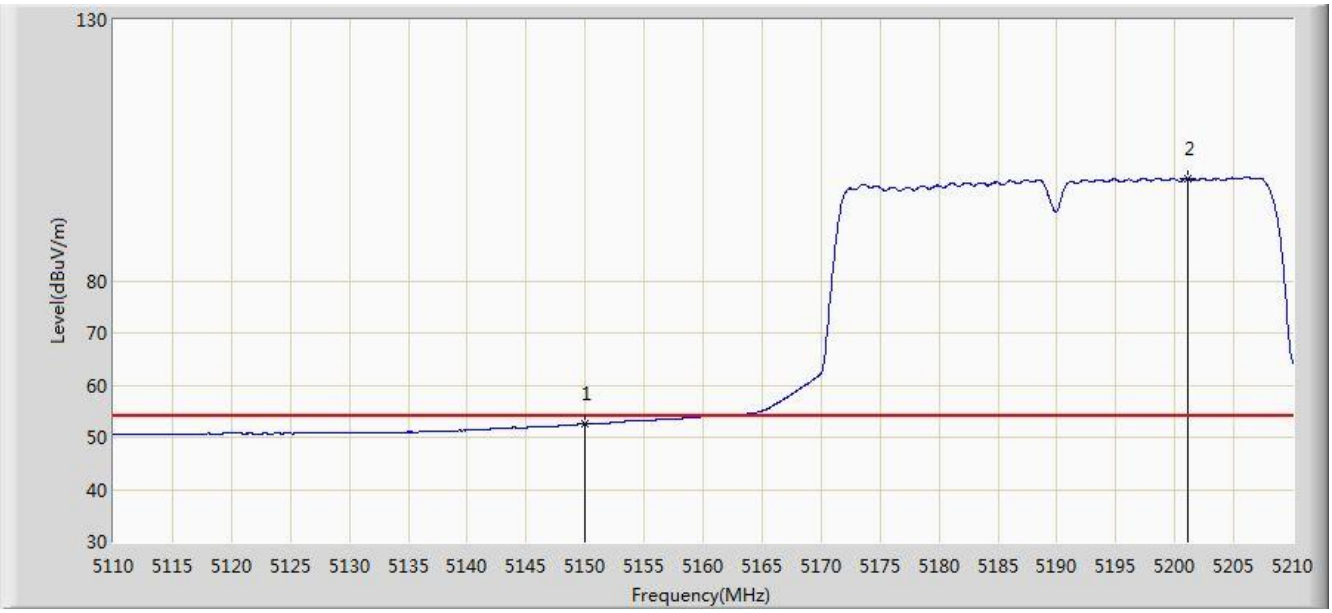


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.350	65.622	28.168	-8.378	74.000	37.454	PK
2			5150.000	64.434	26.982	-9.566	74.000	37.452	PK
3		*	5186.950	110.300	72.943	N/A	N/A	37.356	PK

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

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

Site: AC1	Time: 2016/11/30 - 14:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz, Ant 0+1+2+3	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.597	15.145	-1.403	54.000	37.452	AV
2		*	5201.100	99.564	62.244	N/A	N/A	37.321	AV

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

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