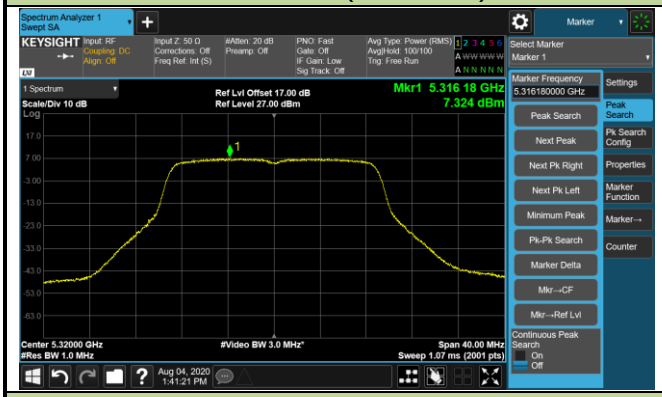
802.11n-HT20 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)

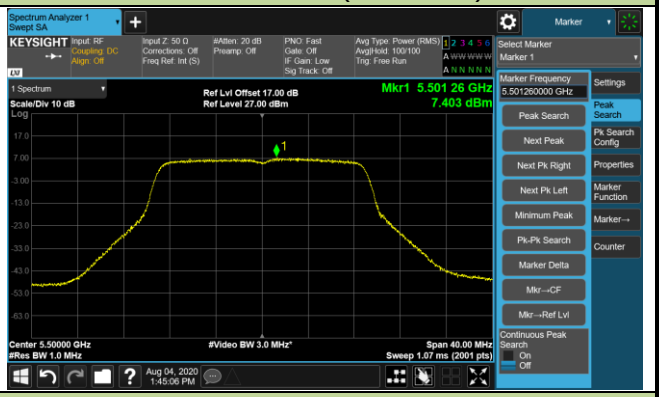
Channel 52 (5260MHz)

Channel 60 (5300MHz)

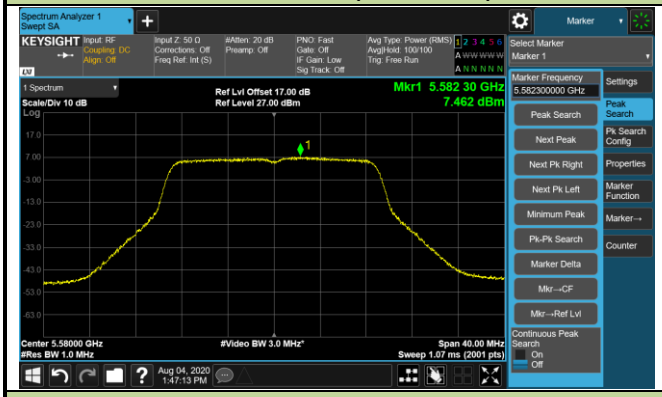
Channel 64 (5320MHz)



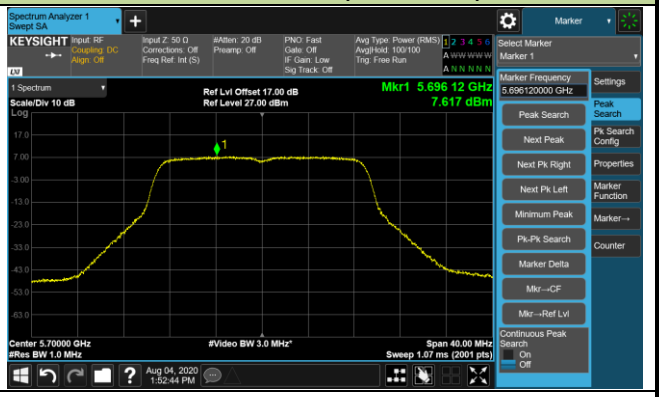
Channel 100 (5500MHz)



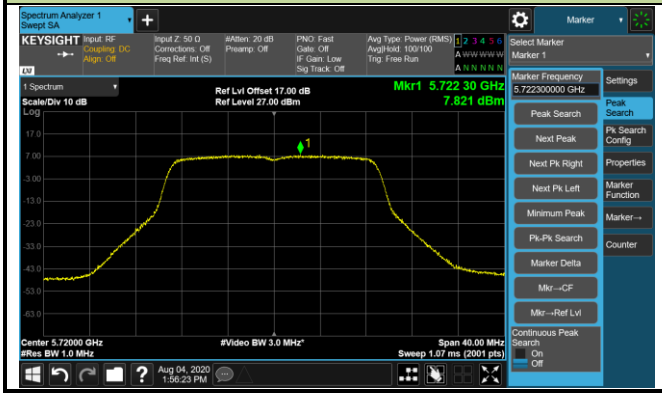
Channel 116 (5580MHz)

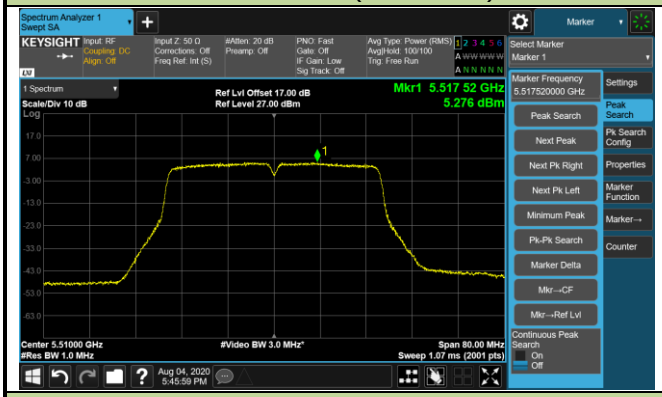
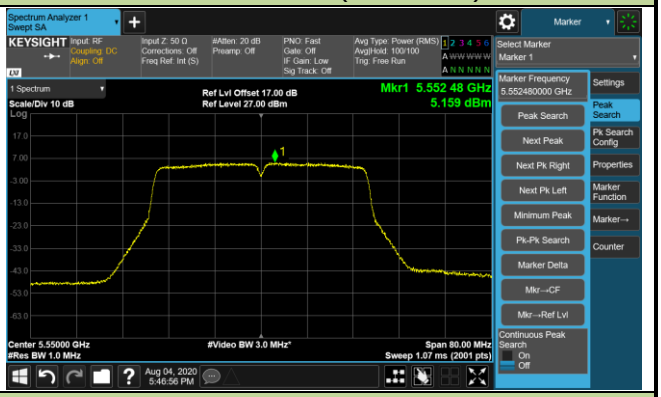
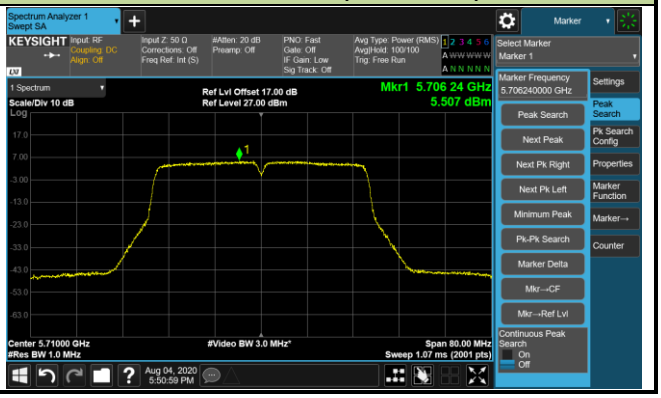


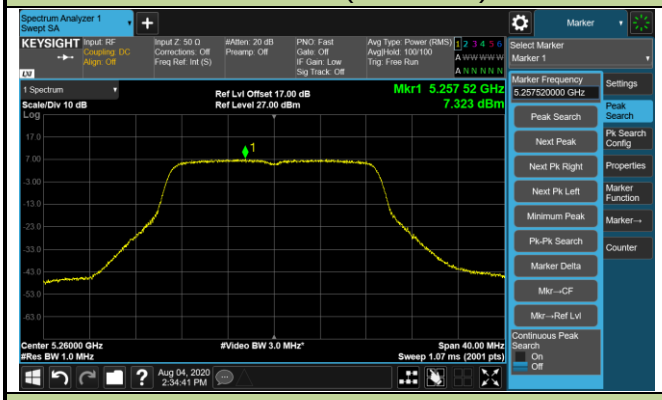
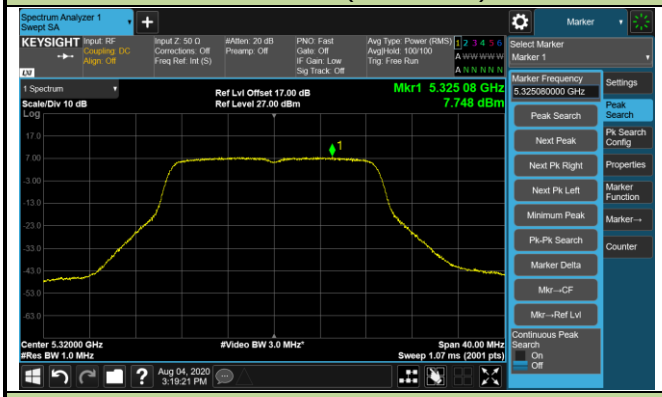
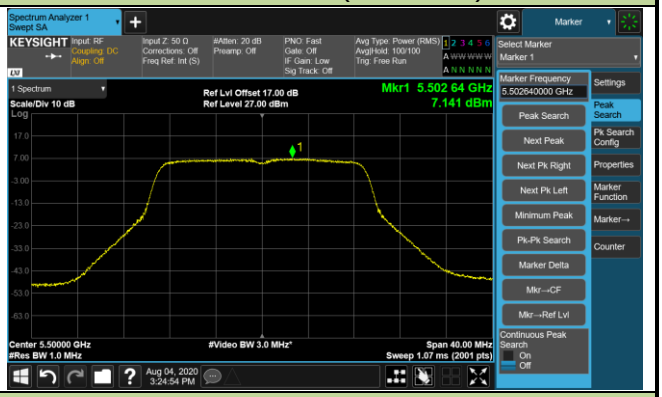
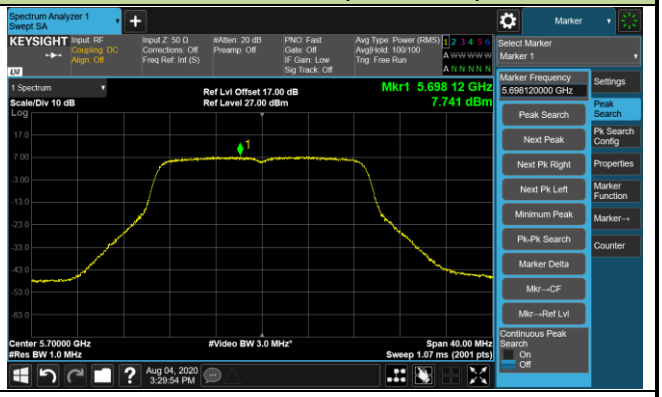
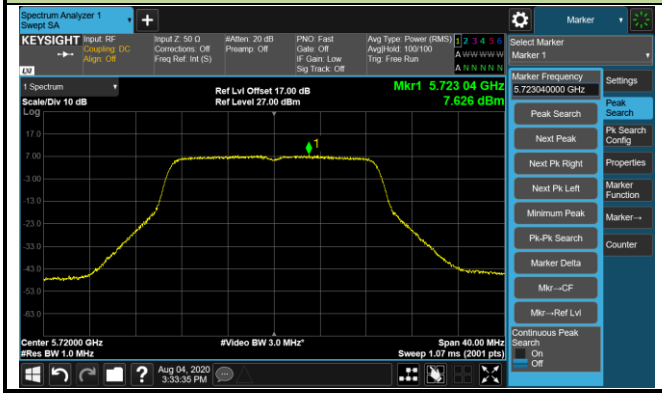
Channel 140 (5700MHz)

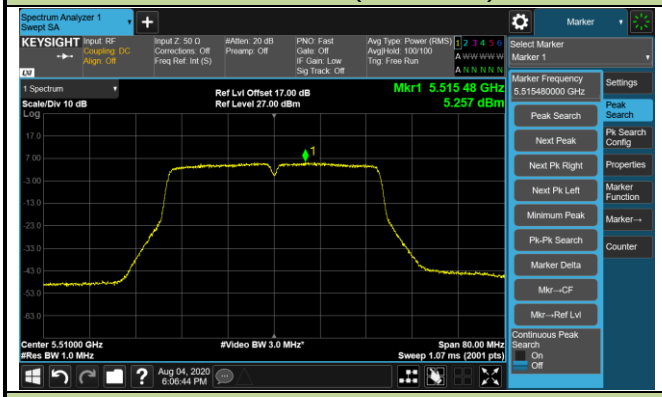
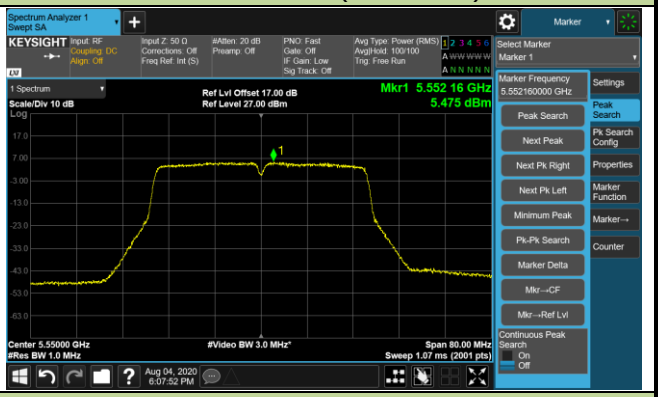


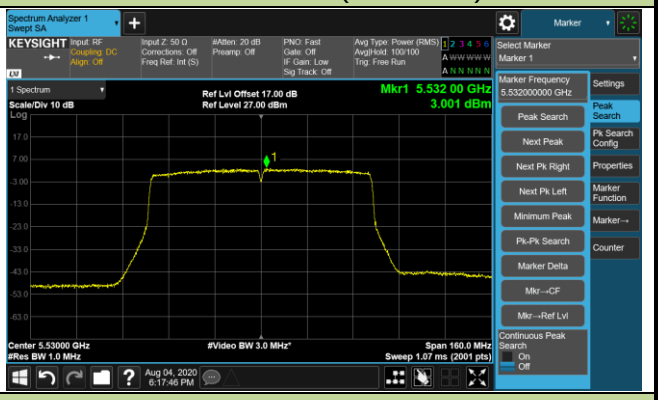
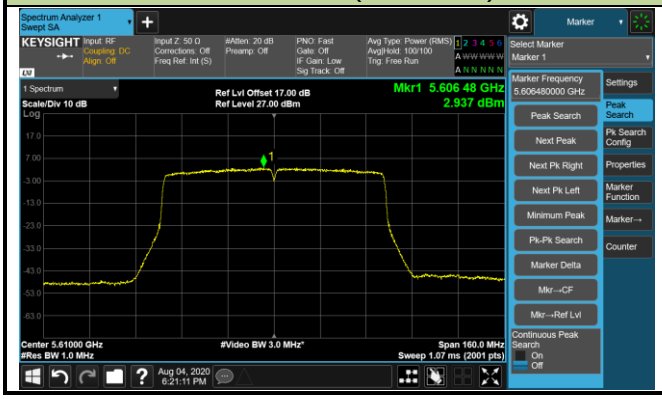
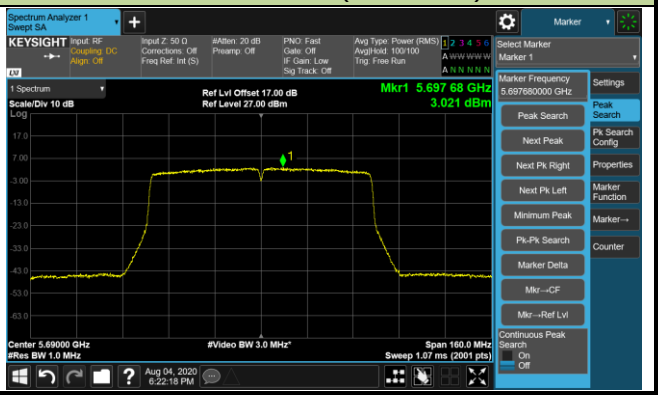
Channel 144 (5720MHz)

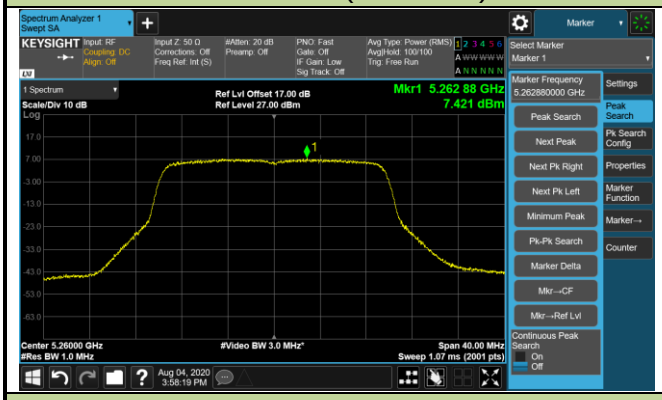
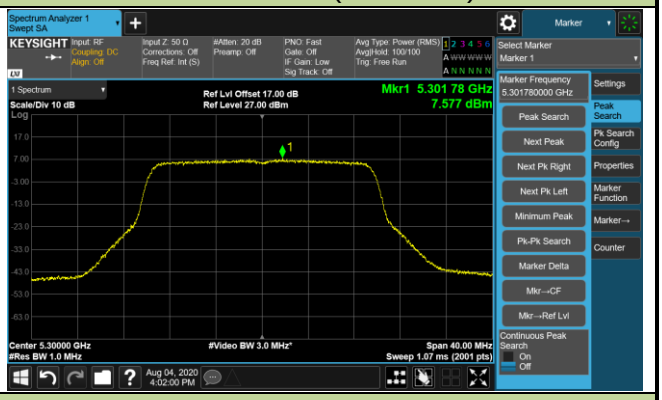
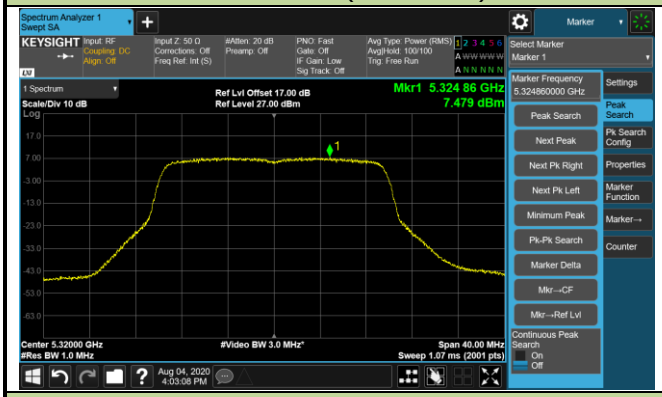
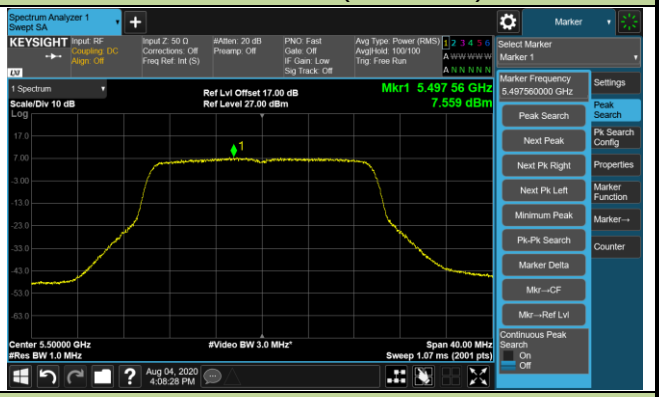
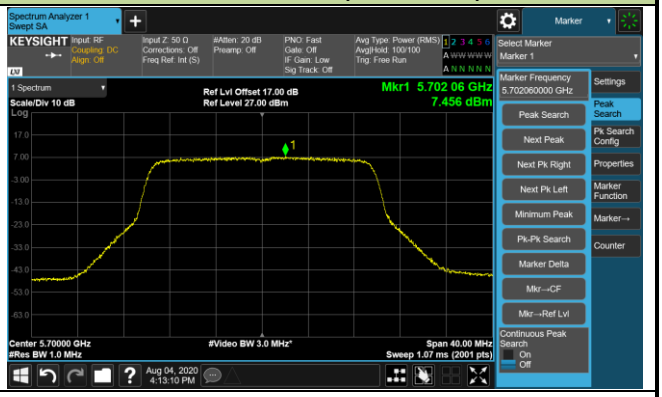
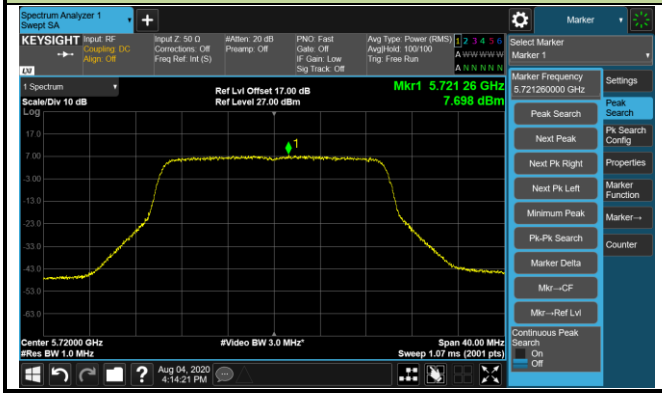


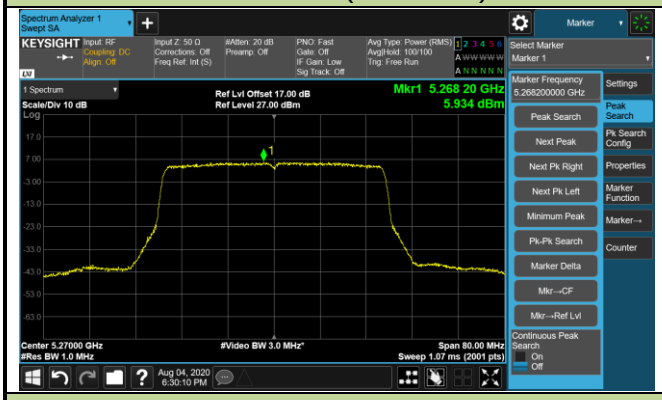
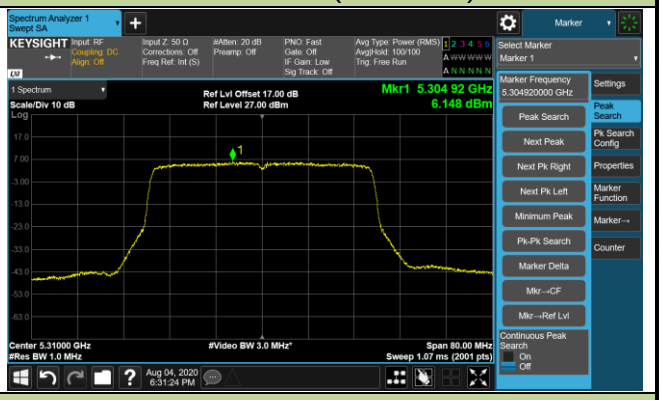
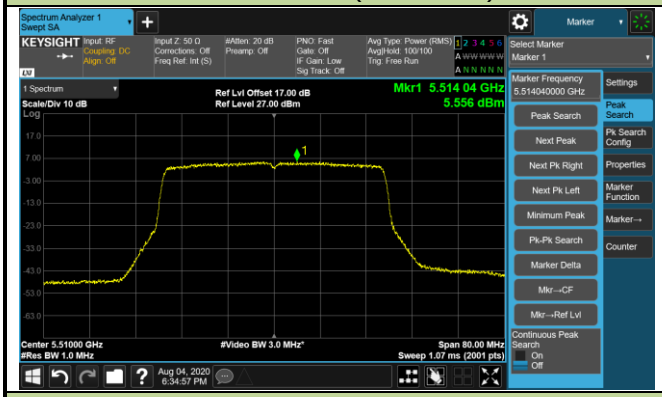
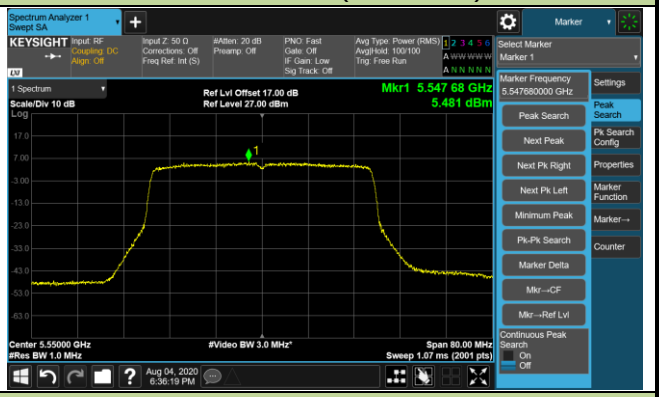
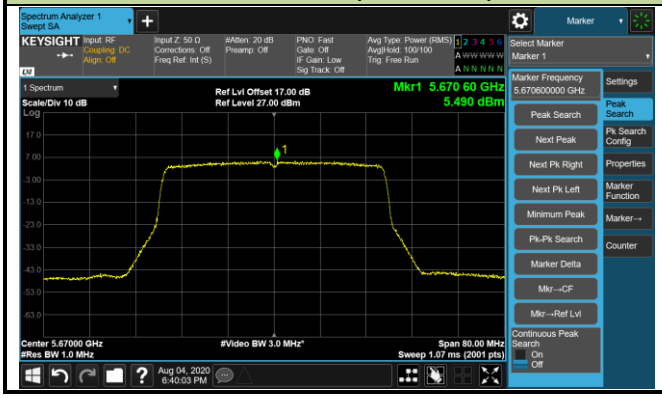
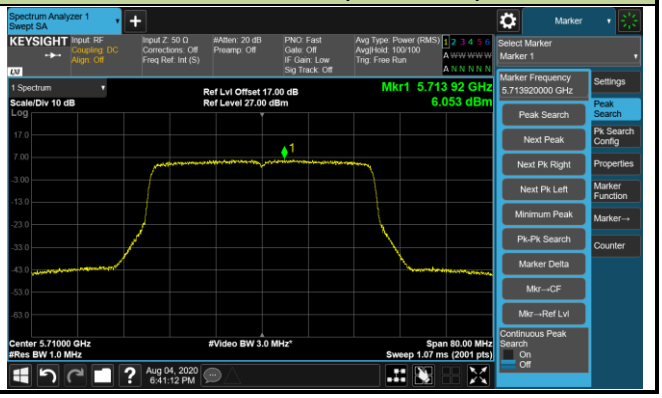
802.11n-HT40 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	

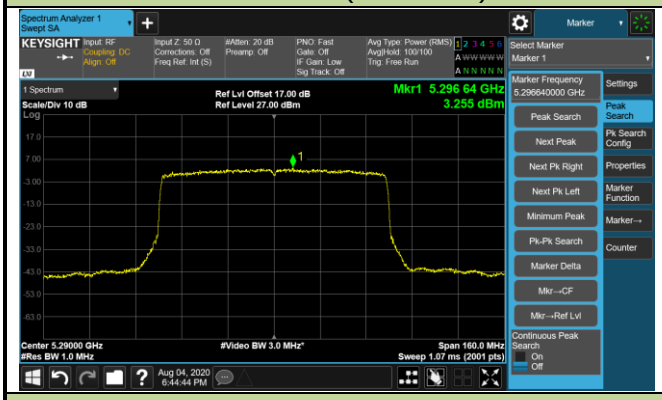
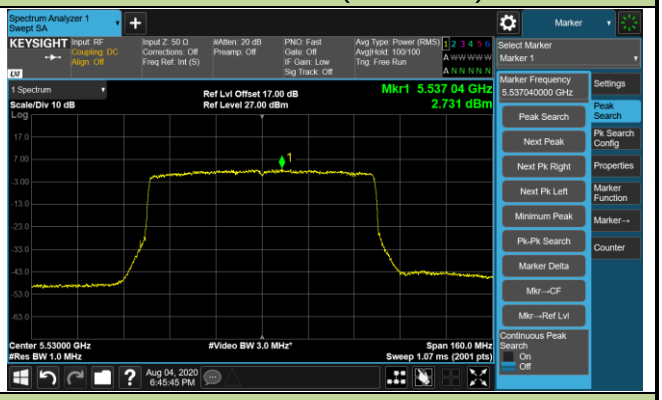
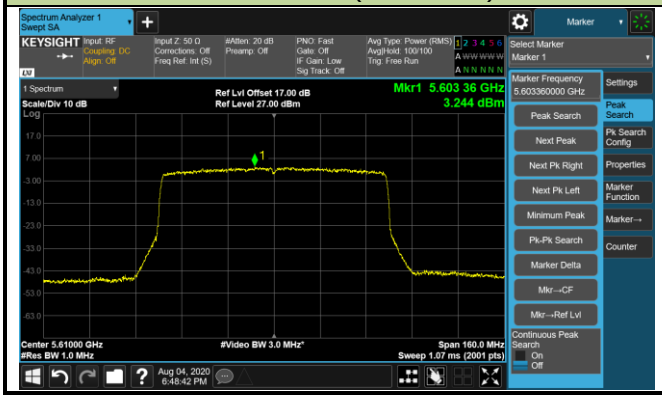
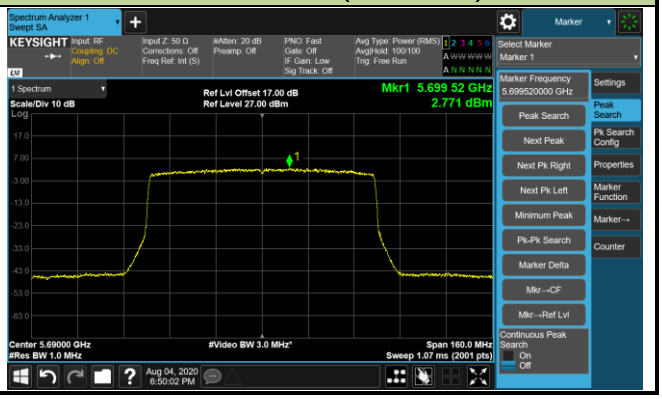
802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)	
Channel 52 (5260MHz)	Channel 60 (5300MHz)
	
Channel 64 (5320MHz)	Channel 100 (5500MHz)
	
Channel 116 (5580MHz)	Channel 140 (5700MHz)
	
Channel 144 (5720MHz)	
	

802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	

802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)	
Channel 58 (5290MHz)	Channel 106 (5530MHz)
	
Channel 122 (5610MHz)	Channel 138 (5690MHz)
	

802.11ax-HE20 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)	
Channel 52 (5260MHz)	Channel 60 (5300MHz)
	
Channel 64 (5320MHz)	Channel 100 (5500MHz)
	
Channel 116 (5580MHz)	Channel 140 (5700MHz)
	
Channel 144 (5720MHz)	
	

802.11ax-HE40 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	

802.11ax-HE80 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)	
Channel 58 (5290MHz)	Channel 106 (5530MHz)
	
Channel 122 (5610MHz)	Channel 138 (5690MHz)
	

5.6. Frequency Stability Measurement

5.6.1.Test Limit

Fundamental emissions must be contained within the frequency bands specified in this section during all conditions of operation.

The transmitter center frequency tolerance shall be ±20 ppm maximum for the 5GHz band (IEEE 802.11 specification).

5.6.2.Test Procedure Used

Frequency Stability Under Temperature Variations:

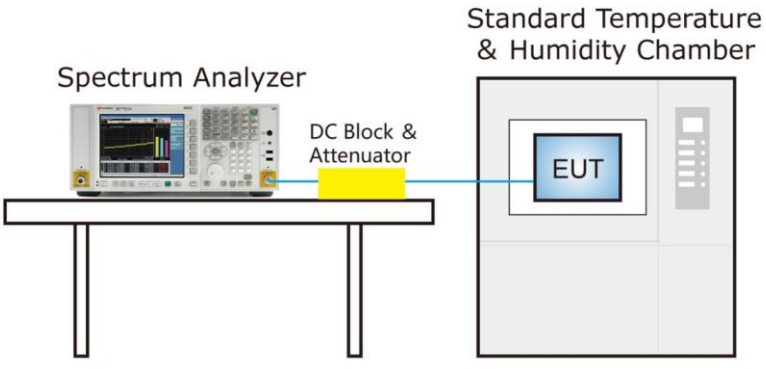
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

5.6.3.Test Setup



5.6.4.Test Result

Refer to MRT Test Report “2105RSU028-U2” section 5.7.

5.7. Radiated Spurious Emission Measurement

5.7.1.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

5.7.2.Test Procedure Used

KDB 789033 D02v02r01 – Section G

5.7.3.Test Setting

Table 1 - RBW as a function of frequency

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

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. Span was set greater than 1MHz

3. RBW = as specified in Table 1

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = peak

5. Sweep time = auto couple

6. Trace mode = max hold

7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.

If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.

4. Detector = Peak

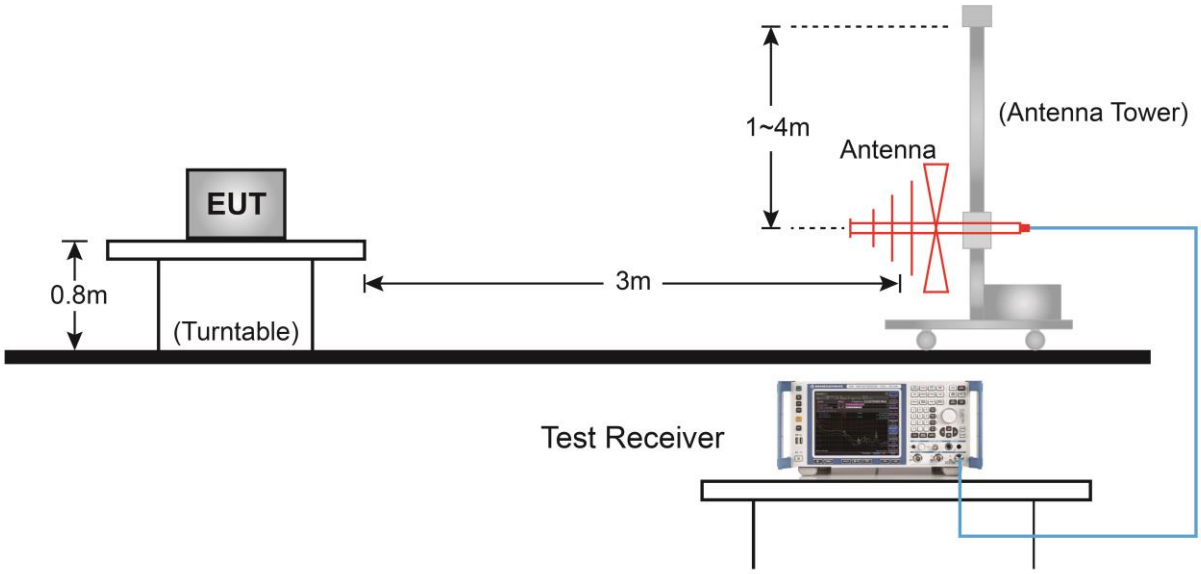
5. Sweep time = auto

6. Trace mode = max hold

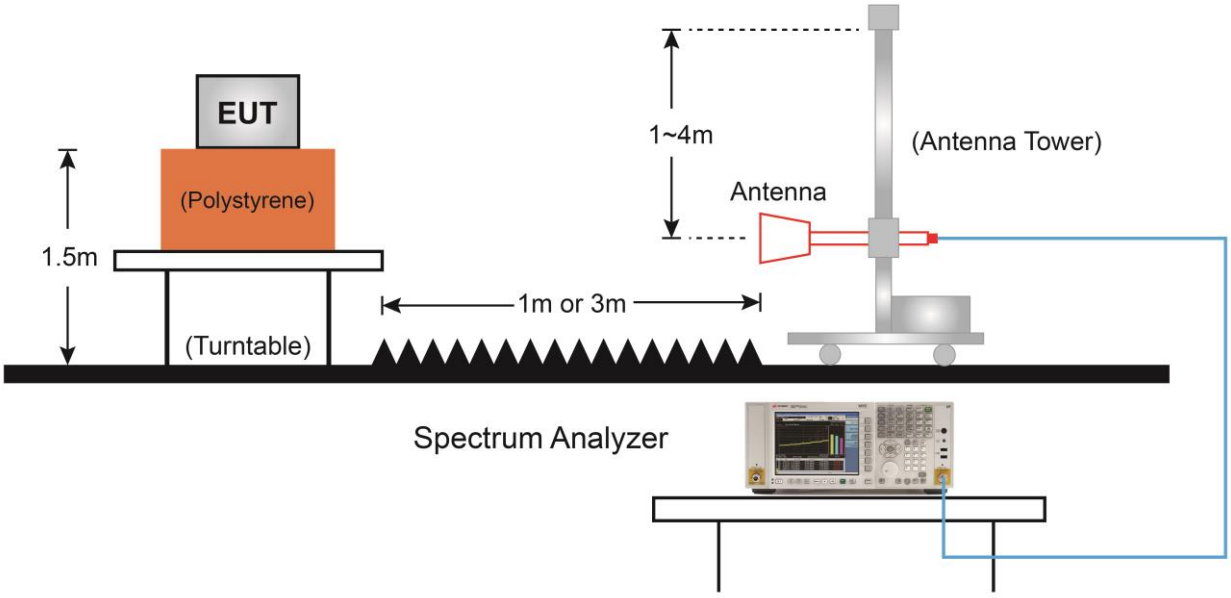
7. Trace was allowed to stabilize

5.7.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



5.7.5.Test Result

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11a - Ant 0 + 1 (CDD mode)	Test Channel:	52
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
	7392.0	33.4	8.1	41.5	74.0	-32.5	Peak	Horizontal
	8199.5	32.6	8.4	41.0	74.0	-33.0	Peak	Horizontal
*	8658.5	32.1	9.6	41.7	68.2	-26.5	Peak	Horizontal
*	10197.0	33.9	11.3	45.2	68.2	-23.0	Peak	Horizontal
	7528.0	33.8	7.9	41.7	74.0	-32.3	Peak	Vertical
	8165.5	34.1	8.5	42.6	74.0	-31.4	Peak	Vertical
*	8692.5	33.2	9.6	42.8	68.2	-25.4	Peak	Vertical
*	9704.0	34.2	10.8	45.0	68.2	-23.2	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11a - Ant 0 + 1 (CDD mode)	Test Channel:	60
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
	7400.5	33.1	8.2	41.3	74.0	-32.7	Peak	Horizontal
	8242.0	33.7	8.5	42.2	74.0	-31.8	Peak	Horizontal
*	8684.0	32.8	9.6	42.4	68.2	-25.8	Peak	Horizontal
*	9619.0	34.0	10.8	44.8	68.2	-23.4	Peak	Horizontal
	7596.0	34.5	8.2	42.7	74.0	-31.3	Peak	Vertical
	8174.0	33.4	8.6	42.0	74.0	-32.0	Peak	Vertical
*	8624.5	32.7	9.3	42.0	68.2	-26.2	Peak	Vertical
*	10222.5	33.5	11.9	45.4	68.2	-22.8	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11a - Ant 0 + 1 (CDD mode)	Test Channel:	64
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
	7672.5	33.3	8.2	41.5	74.0	-32.5	Peak	Horizontal
	8191.0	34.4	8.5	42.9	74.0	-31.1	Peak	Horizontal
*	8633.0	32.3	9.4	41.7	68.2	-26.5	Peak	Horizontal
*	9678.5	32.6	10.7	43.3	68.2	-24.9	Peak	Horizontal
	7494.0	33.5	8.2	41.7	74.0	-32.3	Peak	Vertical
	8471.5	32.6	8.8	41.4	74.0	-32.6	Peak	Vertical
*	8658.5	31.7	9.6	41.3	68.2	-26.9	Peak	Vertical
*	9755.0	35.0	10.8	45.8	68.2	-22.4	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)

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11a - Ant 0 + 1 (CDD mode)	Test Channel:	100
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
	7570.5	33.3	8.2	41.5	74.0	-32.5	Peak	Horizontal
	8267.5	34.7	8.3	43.0	74.0	-31.0	Peak	Horizontal
*	8667.0	33.1	9.6	42.7	68.2	-25.5	Peak	Horizontal
*	9610.5	34.4	10.7	45.1	68.2	-23.1	Peak	Horizontal
	7596.0	33.7	8.2	41.9	74.0	-32.1	Peak	Vertical
	8259.0	34.3	8.2	42.5	74.0	-31.5	Peak	Vertical
*	8752.0	34.6	10.1	44.7	68.2	-23.5	Peak	Vertical
*	9746.5	33.8	10.8	44.6	68.2	-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)

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11a - Ant 0 + 1 (CDD mode)	Test Channel:	116
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
	7570.5	32.5	8.2	40.7	74.0	-33.3	Peak	Horizontal
	8216.5	34.1	8.2	42.3	74.0	-31.7	Peak	Horizontal
*	8650.0	32.7	9.5	42.2	68.2	-26.0	Peak	Horizontal
*	9627.5	34.1	10.6	44.7	68.2	-23.5	Peak	Horizontal
	7502.5	34.1	8.0	42.1	74.0	-31.9	Peak	Vertical
	8250.5	33.1	8.4	41.5	74.0	-32.5	Peak	Vertical
*	8650.0	32.7	9.5	42.2	68.2	-26.0	Peak	Vertical
*	10163.0	33.2	11.7	44.9	68.2	-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)

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11a - Ant 0 + 1 (CDD mode)	Test Channel:	140
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
	7460.0	33.8	8.3	42.1	74.0	-31.9	Peak	Horizontal
	8174.0	33.5	8.6	42.1	74.0	-31.9	Peak	Horizontal
*	8667.0	33.7	9.6	43.3	68.2	-24.9	Peak	Horizontal
*	9627.5	34.6	10.6	45.2	68.2	-23.0	Peak	Horizontal
	7451.5	34.7	8.3	43.0	74.0	-31.0	Peak	Vertical
	8174.0	34.4	8.6	43.0	74.0	-31.0	Peak	Vertical
*	8811.5	33.6	9.9	43.5	68.2	-24.7	Peak	Vertical
*	9619.0	34.7	10.8	45.5	68.2	-22.7	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11a - Ant 0 + 1 (CDD mode)	Test Channel:	144
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
	7485.5	33.2	8.3	41.5	74.0	-32.5	Peak	Horizontal
	8208.0	34.6	8.3	42.9	74.0	-31.1	Peak	Horizontal
*	8777.5	32.6	10.0	42.6	68.2	-25.6	Peak	Horizontal
*	10256.5	34.2	12.1	46.3	68.2	-21.9	Peak	Horizontal
	7562.0	33.8	8.1	41.9	74.0	-32.1	Peak	Vertical
	8131.5	33.9	8.8	42.7	74.0	-31.3	Peak	Vertical
*	8624.5	34.8	9.3	44.1	68.2	-24.1	Peak	Vertical
*	10503.0	34.6	12.7	47.3	68.2	-20.9	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD mode)	Test Channel:	52
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
	7536.5	37.6	10.5	48.1	74.0	-25.9	Peak	Horizontal
	8276.0	37.0	10.4	47.4	74.0	-26.6	Peak	Horizontal
*	8811.5	36.2	12.6	48.8	68.2	-19.4	Peak	Horizontal
*	9891.0	36.1	13.4	49.5	68.2	-18.7	Peak	Horizontal
	7553.5	37.6	10.7	48.3	74.0	-25.7	Peak	Vertical
	8412.0	38.1	10.8	48.9	74.0	-25.1	Peak	Vertical
*	8735.0	35.5	12.4	47.9	68.2	-20.3	Peak	Vertical
*	9908.0	37.2	13.3	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD mode)	Test Channel:	60
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
	7434.5	37.3	10.5	47.8	74.0	-26.2	Peak	Horizontal
	8208.0	37.7	10.6	48.3	74.0	-25.7	Peak	Horizontal
*	8658.5	36.8	12.1	48.9	68.2	-19.3	Peak	Horizontal
*	9729.5	35.8	13.2	49.0	68.2	-19.2	Peak	Horizontal
	7477.0	37.7	10.6	48.3	74.0	-25.7	Peak	Vertical
	8497.0	37.7	11.0	48.7	74.0	-25.3	Peak	Vertical
*	8820.0	37.0	12.4	49.4	68.2	-18.8	Peak	Vertical
*	9984.5	35.8	13.6	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD mode)	Test Channel:	64
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
	7494.0	37.9	10.5	48.4	74.0	-25.6	Peak	Horizontal
	8344.0	38.2	10.6	48.8	74.0	-25.2	Peak	Horizontal
*	8701.0	36.4	12.3	48.7	68.2	-19.5	Peak	Horizontal
*	10044.0	36.6	13.5	50.1	68.2	-18.1	Peak	Horizontal
	7460.0	38.0	10.7	48.7	74.0	-25.3	Peak	Vertical
	8097.5	37.6	11.5	49.1	74.0	-24.9	Peak	Vertical
*	8794.5	37.5	12.4	49.9	68.2	-18.3	Peak	Vertical
*	10044.0	36.3	13.5	49.8	68.2	-18.4	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)

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD mode)	Test Channel:	100
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
	7502.5	38.0	10.4	48.4	74.0	-25.6	Peak	Horizontal
	8395.0	37.5	10.8	48.3	74.0	-25.7	Peak	Horizontal
*	8692.5	36.6	12.3	48.9	68.2	-19.3	Peak	Horizontal
*	9857.0	34.9	13.4	48.3	68.2	-19.9	Peak	Horizontal
	7630.0	38.0	10.1	48.1	74.0	-25.9	Peak	Vertical
	8318.5	36.9	10.4	47.3	74.0	-26.7	Peak	Vertical
*	8786.0	36.1	12.4	48.5	68.2	-19.7	Peak	Vertical
*	9797.5	35.3	13.2	48.5	68.2	-19.7	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD mode)	Test Channel:	116
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
	7638.5	37.5	10.1	47.6	74.0	-26.4	Peak	Horizontal
	8250.5	36.9	10.8	47.7	74.0	-26.3	Peak	Horizontal
*	8769.0	35.6	12.5	48.1	68.2	-20.1	Peak	Horizontal
*	9721.0	35.2	13.2	48.4	68.2	-19.8	Peak	Horizontal
	7485.5	37.9	10.5	48.4	74.0	-25.6	Peak	Vertical
	8208.0	37.1	10.6	47.7	74.0	-26.3	Peak	Vertical
*	8735.0	37.2	12.4	49.6	68.2	-18.6	Peak	Vertical
*	9721.0	35.8	13.2	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD mode)	Test Channel:	140
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
	7366.5	36.7	10.3	47.0	74.0	-27.0	Peak	Horizontal
	8089.0	37.4	11.3	48.7	74.0	-25.3	Peak	Horizontal
*	8769.0	37.3	12.5	49.8	68.2	-18.4	Peak	Horizontal
*	10129.0	35.2	14.0	49.2	68.2	-19.0	Peak	Horizontal
	7570.5	36.8	10.6	47.4	74.0	-26.6	Peak	Vertical
	8225.0	36.8	10.6	47.4	74.0	-26.6	Peak	Vertical
*	8616.0	36.1	11.8	47.9	68.2	-20.3	Peak	Vertical
*	9857.0	35.1	13.4	48.5	68.2	-19.7	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD mode)	Test Channel:	144
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
	7477.0	37.7	10.6	48.3	74.0	-25.7	Peak	Horizontal
	8378.0	36.7	10.6	47.3	74.0	-26.7	Peak	Horizontal
*	8701.0	35.6	12.3	47.9	68.2	-20.3	Peak	Horizontal
*	9772.0	35.0	13.1	48.1	68.2	-20.1	Peak	Horizontal
	7477.0	36.6	10.6	47.2	74.0	-26.8	Peak	Vertical
	8437.5	37.6	10.8	48.4	74.0	-25.6	Peak	Vertical
*	8769.0	36.3	12.5	48.8	68.2	-19.4	Peak	Vertical
*	9772.0	34.9	13.1	48.0	68.2	-20.2	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD mode)	Test Channel:	54
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
	7494.0	37.1	10.5	47.6	74.0	-26.4	Peak	Horizontal
	8165.5	36.3	10.7	47.0	74.0	-27.0	Peak	Horizontal
*	8888.0	35.5	12.3	47.8	68.2	-20.4	Peak	Horizontal
*	9908.0	35.2	13.3	48.5	68.2	-19.7	Peak	Horizontal
	7579.0	36.6	10.6	47.2	74.0	-26.8	Peak	Vertical
	8446.0	35.9	10.9	46.8	74.0	-27.2	Peak	Vertical
*	8922.0	35.5	12.2	47.7	68.2	-20.5	Peak	Vertical
*	9916.5	35.9	13.2	49.1	68.2	-19.1	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD mode)	Test Channel:	62
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
	7502.5	36.2	10.4	46.6	74.0	-27.4	Peak	Horizontal
	8276.0	37.2	10.4	47.6	74.0	-26.4	Peak	Horizontal
*	8735.0	35.4	12.4	47.8	68.2	-20.4	Peak	Horizontal
*	9865.5	35.0	13.6	48.6	68.2	-19.6	Peak	Horizontal
	7545.0	36.9	10.7	47.6	74.0	-26.4	Peak	Vertical
	8259.0	36.4	10.8	47.2	74.0	-26.8	Peak	Vertical
*	8760.5	36.0	12.6	48.6	68.2	-19.6	Peak	Vertical
*	9823.0	36.3	13.2	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD mode)	Test Channel:	102
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
	7545.0	37.2	10.7	47.9	74.0	-26.1	Peak	Horizontal
	8361.0	37.7	10.5	48.2	74.0	-25.8	Peak	Horizontal
*	8658.5	36.0	12.1	48.1	68.2	-20.1	Peak	Horizontal
*	9899.5	34.8	13.3	48.1	68.2	-20.1	Peak	Horizontal
	7485.5	38.2	10.5	48.7	74.0	-25.3	Peak	Vertical
	8055.0	36.4	11.0	47.4	74.0	-26.6	Peak	Vertical
*	9041.0	36.8	12.5	49.3	74.0	-24.7	Peak	Vertical
*	9993.0	34.6	13.5	48.1	68.2	-20.1	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD mode)	Test Channel:	110
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
	7672.5	37.3	10.4	47.7	74.0	-26.3	Peak	Horizontal
	8089.0	36.6	11.3	47.9	74.0	-26.1	Peak	Horizontal
*	8811.5	36.0	12.6	48.6	68.2	-19.6	Peak	Horizontal
*	9857.0	35.5	13.4	48.9	68.2	-19.3	Peak	Horizontal
	7681.0	36.9	10.7	47.6	74.0	-26.4	Peak	Vertical
	8259.0	37.6	10.8	48.4	74.0	-25.6	Peak	Vertical
*	8590.5	35.7	11.5	47.2	68.2	-21.0	Peak	Vertical
*	10137.5	35.1	13.8	48.9	68.2	-19.3	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD mode)	Test Channel:	134
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
	7468.5	36.7	10.7	47.4	74.0	-26.6	Peak	Horizontal
	8242.0	37.0	10.7	47.7	74.0	-26.3	Peak	Horizontal
*	8939.0	35.9	12.3	48.2	68.2	-20.0	Peak	Horizontal
*	9610.5	35.7	12.7	48.4	68.2	-19.8	Peak	Horizontal
	7570.5	37.8	10.6	48.4	74.0	-25.6	Peak	Vertical
	8242.0	36.6	10.7	47.3	74.0	-26.7	Peak	Vertical
*	8828.5	35.9	12.2	48.1	68.2	-20.1	Peak	Vertical
*	9695.5	35.4	12.6	48.0	68.2	-20.2	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD mode)	Test Channel:	142
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
	7392.0	38.4	10.3	48.7	74.0	-25.3	Peak	Horizontal
	8310.0	36.1	10.4	46.5	74.0	-27.5	Peak	Horizontal
*	8769.0	35.7	12.5	48.2	68.2	-20.0	Peak	Horizontal
*	10205.5	36.3	14.1	50.4	68.2	-17.8	Peak	Horizontal
	7400.5	37.1	10.4	47.5	74.0	-26.5	Peak	Vertical
	8106.0	37.5	11.4	48.9	74.0	-25.1	Peak	Vertical
*	8658.5	36.5	12.1	48.6	68.2	-19.6	Peak	Vertical
*	9721.0	34.9	13.2	48.1	68.2	-20.1	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD mode)	Test Channel:	52
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
	7545.0	34.1	8.2	42.3	74.0	-31.7	Peak	Horizontal
	8216.5	34.2	8.2	42.4	74.0	-31.6	Peak	Horizontal
*	8641.5	34.1	9.5	43.6	68.2	-24.6	Peak	Horizontal
*	10256.5	33.9	12.1	46.0	68.2	-22.2	Peak	Horizontal
	7519.5	34.3	7.9	42.2	74.0	-31.8	Peak	Vertical
	8174.0	34.5	8.6	43.1	74.0	-30.9	Peak	Vertical
*	8743.5	34.1	9.9	44.0	68.2	-24.2	Peak	Vertical
*	9636.0	34.7	10.5	45.2	68.2	-23.0	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD mode)	Test Channel:	60
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
	7485.5	34.4	8.3	42.7	74.0	-31.3	Peak	Horizontal
	8216.5	33.0	8.2	41.2	74.0	-32.8	Peak	Horizontal
*	8658.5	32.8	9.6	42.4	68.2	-25.8	Peak	Horizontal
*	10273.5	33.2	12.2	45.4	68.2	-22.8	Peak	Horizontal
	7468.5	34.5	8.2	42.7	74.0	-31.3	Peak	Vertical
	8225.0	34.1	8.1	42.2	74.0	-31.8	Peak	Vertical
*	8692.5	33.3	9.6	42.9	68.2	-25.3	Peak	Vertical
*	9738.0	34.4	10.8	45.2	68.2	-23.0	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD mode)	Test Channel:	64
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
	7443.0	35.2	8.3	43.5	74.0	-30.5	Peak	Horizontal
	8072.0	34.0	8.8	42.8	74.0	-31.2	Peak	Horizontal
*	8709.5	34.1	9.5	43.6	68.2	-24.6	Peak	Horizontal
*	9687.0	35.1	10.7	45.8	68.2	-22.4	Peak	Horizontal
	7485.5	33.7	8.3	42.0	74.0	-32.0	Peak	Vertical
	8174.0	33.6	8.6	42.2	74.0	-31.8	Peak	Vertical
*	9262.0	34.1	11.1	45.2	68.2	-23.0	Peak	Vertical
*	10154.5	33.8	11.4	45.2	68.2	-23.0	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD mode)	Test Channel:	100
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
	7519.5	34.0	7.9	41.9	74.0	-32.1	Peak	Horizontal
	8208.0	34.8	8.3	43.1	74.0	-30.9	Peak	Horizontal
*	8769.0	33.0	10.1	43.1	68.2	-25.1	Peak	Horizontal
*	10299.0	34.0	12.3	46.3	68.2	-21.9	Peak	Horizontal
	7545.0	34.2	8.2	42.4	74.0	-31.6	Peak	Vertical
	8106.0	34.2	9.1	43.3	74.0	-30.7	Peak	Vertical
*	8701.0	33.4	9.6	43.0	68.2	-25.2	Peak	Vertical
*	9687.0	35.3	10.7	46.0	68.2	-22.2	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD mode)	Test Channel:	116
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
	7494.0	33.8	8.2	42.0	74.0	-32.0	Peak	Horizontal
	8284.5	31.8	8.4	40.2	74.0	-33.8	Peak	Horizontal
*	8735.0	33.6	9.8	43.4	68.2	-24.8	Peak	Horizontal
*	10137.5	34.3	11.1	45.4	68.2	-22.8	Peak	Horizontal
	7596.0	34.4	8.2	42.6	74.0	-31.4	Peak	Vertical
	8386.5	35.6	8.6	44.2	74.0	-29.8	Peak	Vertical
*	8743.5	32.5	9.9	42.4	68.2	-25.8	Peak	Vertical
*	10469.0	34.4	12.7	47.1	68.2	-21.1	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD mode)	Test Channel:	140
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
	7596.0	34.3	8.2	42.5	74.0	-31.5	Peak	Horizontal
	8344.0	32.5	8.6	41.1	74.0	-32.9	Peak	Horizontal
*	8752.0	33.8	10.1	43.9	68.2	-24.3	Peak	Horizontal
*	10443.5	33.7	12.5	46.2	68.2	-22.0	Peak	Horizontal
	7528.0	34.1	7.9	42.0	74.0	-32.0	Peak	Vertical
	8216.5	34.5	8.2	42.7	74.0	-31.3	Peak	Vertical
*	8735.0	33.6	9.8	43.4	68.2	-24.8	Peak	Vertical
*	10469.0	34.0	12.7	46.7	68.2	-21.5	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD mode)	Test Channel:	144
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
	7434.5	35.3	8.2	43.5	74.0	-30.5	Peak	Horizontal
	8089.0	34.5	9.0	43.5	74.0	-30.5	Peak	Horizontal
*	8811.5	32.1	9.9	42.0	68.2	-26.2	Peak	Horizontal
*	10129.0	34.2	11.1	45.3	68.2	-22.9	Peak	Horizontal
	7570.5	34.0	8.2	42.2	74.0	-31.8	Peak	Vertical
	8310.0	32.0	8.4	40.4	74.0	-33.6	Peak	Vertical
*	8752.0	33.2	10.1	43.3	68.2	-24.9	Peak	Vertical
*	9729.5	35.2	10.8	46.0	68.2	-22.2	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (CDD mode)	Test Channel:	54
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
	7638.5	37.0	10.1	47.1	74.0	-26.9	Peak	Horizontal
	8276.0	35.9	10.4	46.3	74.0	-27.7	Peak	Horizontal
*	8786.0	36.0	12.4	48.4	68.2	-19.8	Peak	Horizontal
*	9814.5	35.2	13.2	48.4	68.2	-19.8	Peak	Horizontal
	7723.5	37.5	10.3	47.8	74.0	-26.2	Peak	Vertical
	8131.5	37.7	10.9	48.6	74.0	-25.4	Peak	Vertical
*	8803.0	37.0	12.5	49.5	68.2	-18.7	Peak	Vertical
*	10001.5	36.6	13.4	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (CDD mode)	Test Channel:	62
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
	7477.0	36.9	10.6	47.5	74.0	-26.5	Peak	Horizontal
	8106.0	37.2	11.4	48.6	74.0	-25.4	Peak	Horizontal
*	8811.5	37.1	12.6	49.7	68.2	-18.5	Peak	Horizontal
*	10469.0	36.4	15.0	51.4	68.2	-16.8	Peak	Horizontal
	7485.5	37.7	10.5	48.2	74.0	-25.8	Peak	Vertical
	8344.0	37.1	10.6	47.7	74.0	-26.3	Peak	Vertical
*	8616.0	36.7	11.8	48.5	68.2	-19.7	Peak	Vertical
*	9976.0	34.8	13.5	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (CDD mode)	Test Channel:	102
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
	7630.0	37.4	10.1	47.5	74.0	-26.5	Peak	Horizontal
	8276.0	36.2	10.4	46.6	74.0	-27.4	Peak	Horizontal
*	8828.5	34.8	12.2	47.0	68.2	-21.2	Peak	Horizontal
*	9763.5	34.9	13.2	48.1	68.2	-20.1	Peak	Horizontal
	7434.5	37.2	10.5	47.7	74.0	-26.3	Peak	Vertical
	8361.0	36.5	10.5	47.0	74.0	-27.0	Peak	Vertical
*	8616.0	35.0	11.8	46.8	68.2	-21.4	Peak	Vertical
*	9738.0	34.0	13.2	47.2	68.2	-21.0	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (CDD mode)	Test Channel:	110
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
	7672.5	38.1	10.4	48.5	74.0	-25.5	Peak	Horizontal
	8174.0	37.7	10.8	48.5	74.0	-25.5	Peak	Horizontal
*	8709.5	35.9	12.1	48.0	68.2	-20.2	Peak	Horizontal
*	9814.5	34.7	13.2	47.9	68.2	-20.3	Peak	Horizontal
	7647.0	37.6	10.1	47.7	74.0	-26.3	Peak	Vertical
	8242.0	37.8	10.7	48.5	74.0	-25.5	Peak	Vertical
*	8769.0	35.4	12.5	47.9	68.2	-20.3	Peak	Vertical
*	9857.0	35.5	13.4	48.9	68.2	-19.3	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (CDD mode)	Test Channel:	134
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
	7468.5	37.0	10.7	47.7	74.0	-26.3	Peak	Horizontal
	8165.5	36.4	10.7	47.1	74.0	-26.9	Peak	Horizontal
*	8735.0	35.7	12.4	48.1	68.2	-20.1	Peak	Horizontal
*	10027.0	36.9	13.4	50.3	68.2	-17.9	Peak	Horizontal
	7358.0	37.8	10.5	48.3	74.0	-25.7	Peak	Vertical
	8386.5	38.4	10.6	49.0	74.0	-25.0	Peak	Vertical
*	8675.5	36.7	11.9	48.6	68.2	-19.6	Peak	Vertical
*	9687.0	34.8	12.6	47.4	68.2	-20.8	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (CDD mode)	Test Channel:	142
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
	7536.5	36.9	10.5	47.4	74.0	-26.6	Peak	Horizontal
	8420.5	36.5	10.8	47.3	74.0	-26.7	Peak	Horizontal
*	8701.0	36.4	12.3	48.7	68.2	-19.5	Peak	Horizontal
*	9984.5	35.3	13.6	48.9	68.2	-19.3	Peak	Horizontal
	7536.5	37.0	10.5	47.5	74.0	-26.5	Peak	Vertical
	8267.5	37.4	10.6	48.0	74.0	-26.0	Peak	Vertical
*	8616.0	35.6	11.8	47.4	68.2	-20.8	Peak	Vertical
*	9636.0	34.8	12.8	47.6	68.2	-20.6	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 (CDD mode)	Test Channel:	58
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
	7528.0	37.7	10.3	48.0	74.0	-26.0	Peak	Horizontal
	8165.5	37.1	10.7	47.8	74.0	-26.2	Peak	Horizontal
*	8701.0	36.1	12.3	48.4	68.2	-19.8	Peak	Horizontal
*	10197.0	36.5	14.1	50.6	68.2	-17.6	Peak	Horizontal
	7502.5	37.7	10.4	48.1	74.0	-25.9	Peak	Vertical
	8114.5	37.7	11.2	48.9	74.0	-25.1	Peak	Vertical
*	8930.5	36.3	12.3	48.6	68.2	-19.6	Peak	Vertical
*	9899.5	36.0	13.3	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 (CDD mode)	Test Channel:	106
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
	7485.5	37.4	10.5	47.9	74.0	-26.1	Peak	Horizontal
	8174.0	36.9	10.8	47.7	74.0	-26.3	Peak	Horizontal
*	8752.0	35.9	12.6	48.5	68.2	-19.7	Peak	Horizontal
*	10180.0	35.2	14.1	49.3	68.2	-18.9	Peak	Horizontal
	7604.5	35.0	10.3	45.3	74.0	-28.7	Peak	Vertical
	8199.5	36.3	10.6	46.9	74.0	-27.1	Peak	Vertical
*	8735.0	35.6	12.4	48.0	68.2	-20.2	Peak	Vertical
*	9984.5	35.7	13.6	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 (CDD mode)	Test Channel:	122
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
	7494.0	36.9	10.5	47.4	74.0	-26.6	Peak	Horizontal
	8097.5	36.8	11.5	48.3	74.0	-25.7	Peak	Horizontal
*	8811.5	36.2	12.6	48.8	68.2	-19.4	Peak	Horizontal
*	9704.0	35.1	12.9	48.0	68.2	-20.2	Peak	Horizontal
	7494.0	37.0	10.5	47.5	74.0	-26.5	Peak	Vertical
	8242.0	38.0	10.7	48.7	74.0	-25.3	Peak	Vertical
*	8650.0	37.6	12.1	49.7	68.2	-18.5	Peak	Vertical
*	9848.5	36.0	13.4	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 (CDD mode)	Test Channel:	138
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
	7511.0	37.8	10.3	48.1	74.0	-25.9	Peak	Horizontal
	8276.0	36.3	10.4	46.7	74.0	-27.3	Peak	Horizontal
*	8692.5	35.5	12.3	47.8	68.2	-20.4	Peak	Horizontal
*	9678.5	35.1	12.6	47.7	68.2	-20.5	Peak	Horizontal
	7485.5	37.1	10.5	47.6	74.0	-26.4	Peak	Vertical
	8191.0	37.4	10.7	48.1	74.0	-25.9	Peak	Vertical
*	8684.0	36.1	12.2	48.3	68.2	-19.9	Peak	Vertical
*	9848.5	35.2	13.4	48.6	68.2	-19.6	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE20 - Ant 0 + 1 (CDD mode)	Test Channel:	52
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
	7528.0	38.0	10.3	48.3	74.0	-25.7	Peak	Horizontal
	8106.0	37.2	11.4	48.6	74.0	-25.4	Peak	Horizontal
*	8692.5	36.0	12.3	48.3	68.2	-19.9	Peak	Horizontal
*	10010.0	36.1	13.4	49.5	68.2	-18.7	Peak	Horizontal
	7468.5	36.8	10.7	47.5	74.0	-26.5	Peak	Vertical
	8191.0	36.3	10.7	47.0	74.0	-27.0	Peak	Vertical
*	8692.5	35.2	12.3	47.5	68.2	-20.7	Peak	Vertical
*	9593.5	34.6	12.8	47.4	68.2	-20.8	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE20 - Ant 0 + 1 (CDD mode)	Test Channel:	60
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
	7655.5	37.8	10.1	47.9	74.0	-26.1	Peak	Horizontal
	8055.0	38.8	11.0	49.8	74.0	-24.2	Peak	Horizontal
*	8735.0	37.1	12.4	49.5	68.2	-18.7	Peak	Horizontal
*	9721.0	36.4	13.2	49.6	68.2	-18.6	Peak	Horizontal
	7468.5	36.5	10.7	47.2	74.0	-26.8	Peak	Vertical
	8242.0	36.4	10.7	47.1	74.0	-26.9	Peak	Vertical
*	8743.5	36.2	12.4	48.6	68.2	-19.6	Peak	Vertical
*	9891.0	36.1	13.4	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE20 - Ant 0 + 1 (CDD mode)	Test Channel:	64
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
	7536.5	36.6	10.5	47.1	74.0	-26.9	Peak	Horizontal
	8327.0	37.4	10.4	47.8	74.0	-26.2	Peak	Horizontal
*	8854.0	35.4	12.1	47.5	68.2	-20.7	Peak	Horizontal
*	9857.0	34.4	13.4	47.8	68.2	-20.4	Peak	Horizontal
	7468.5	37.0	10.7	47.7	74.0	-26.3	Peak	Vertical
	8165.5	37.2	10.7	47.9	74.0	-26.1	Peak	Vertical
*	8616.0	35.6	11.8	47.4	68.2	-20.8	Peak	Vertical
*	9678.5	34.9	12.6	47.5	68.2	-20.7	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE20 - Ant 0 + 1 (CDD mode)	Test Channel:	100
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
	7502.5	37.3	10.4	47.7	74.0	-26.3	Peak	Horizontal
	8089.0	36.4	11.3	47.7	74.0	-26.3	Peak	Horizontal
*	8692.5	37.3	12.3	49.6	68.2	-18.6	Peak	Horizontal
*	9729.5	36.1	13.2	49.3	68.2	-18.9	Peak	Horizontal
	7672.5	37.0	10.4	47.4	74.0	-26.6	Peak	Vertical
	8165.5	37.9	10.7	48.6	74.0	-25.4	Peak	Vertical
*	8854.0	35.9	12.1	48.0	68.2	-20.2	Peak	Vertical
*	9593.5	34.7	12.8	47.5	68.2	-20.7	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE20 - Ant 0 + 1 (CDD mode)	Test Channel:	116
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
	7485.5	36.9	10.5	47.4	74.0	-26.6	Peak	Horizontal
	8267.5	36.9	10.6	47.5	74.0	-26.5	Peak	Horizontal
*	8811.5	35.6	12.6	48.2	68.2	-20.0	Peak	Horizontal
*	9942.0	34.6	13.2	47.8	68.2	-20.4	Peak	Horizontal
	7519.5	37.4	10.3	47.7	74.0	-26.3	Peak	Vertical
	8429.0	37.1	10.8	47.9	74.0	-26.1	Peak	Vertical
*	8794.5	37.3	12.4	49.7	68.2	-18.5	Peak	Vertical
*	9729.5	35.8	13.2	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE20 - Ant 0 + 1 (CDD mode)	Test Channel:	140
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
	7451.5	36.7	10.7	47.4	74.0	-26.6	Peak	Horizontal
	8114.5	37.4	11.2	48.6	74.0	-25.4	Peak	Horizontal
*	8973.0	36.7	12.3	49.0	68.2	-19.2	Peak	Horizontal
*	10367.0	36.5	14.9	51.4	68.2	-16.8	Peak	Horizontal
	7417.5	37.6	10.4	48.0	74.0	-26.0	Peak	Vertical
	8233.5	38.8	10.6	49.4	74.0	-24.6	Peak	Vertical
*	8539.5	35.2	11.2	46.4	68.2	-21.8	Peak	Vertical
*	10078.0	34.7	13.5	48.2	68.2	-20.0	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE20 - Ant 0 + 1 (CDD mode)	Test Channel:	144
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
	7426.0	37.3	10.3	47.6	74.0	-26.4	Peak	Horizontal
	8310.0	37.7	10.4	48.1	74.0	-25.9	Peak	Horizontal
*	8735.0	36.1	12.4	48.5	68.2	-19.7	Peak	Horizontal
*	9721.0	35.1	13.2	48.3	68.2	-19.9	Peak	Horizontal
	7732.0	37.4	10.2	47.6	74.0	-26.4	Peak	Vertical
	8395.0	36.7	10.8	47.5	74.0	-26.5	Peak	Vertical
*	8658.5	35.9	12.1	48.0	68.2	-20.2	Peak	Vertical
*	9814.5	35.2	13.2	48.4	68.2	-19.8	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE40 - Ant 0 + 1 (CDD mode)	Test Channel:	54
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
	7545.0	37.9	10.7	48.6	74.0	-25.4	Peak	Horizontal
	8403.5	36.8	10.9	47.7	74.0	-26.3	Peak	Horizontal
*	8752.0	36.1	12.6	48.7	68.2	-19.5	Peak	Horizontal
*	10001.5	36.3	13.4	49.7	68.2	-18.5	Peak	Horizontal
	7349.5	37.8	10.5	48.3	74.0	-25.7	Peak	Vertical
	8165.5	35.8	10.7	46.5	74.0	-27.5	Peak	Vertical
*	8590.5	35.2	11.5	46.7	68.2	-21.5	Peak	Vertical
*	9865.5	36.0	13.6	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE40 - Ant 0 + 1 (CDD mode)	Test Channel:	62
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
	7545.0	36.6	10.7	47.3	74.0	-26.7	Peak	Horizontal
	8259.0	37.8	10.8	48.6	74.0	-25.4	Peak	Horizontal
*	8811.5	37.3	12.6	49.9	68.2	-18.3	Peak	Horizontal
*	10324.5	35.7	14.9	50.6	68.2	-17.6	Peak	Horizontal
	7562.0	37.9	10.6	48.5	74.0	-25.5	Peak	Vertical
	8446.0	36.9	10.9	47.8	74.0	-26.2	Peak	Vertical
*	8777.5	35.3	12.4	47.7	68.2	-20.5	Peak	Vertical
*	9534.0	35.7	12.9	48.6	68.2	-19.6	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE40 - Ant 0 + 1 (CDD mode)	Test Channel:	102
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
	7468.5	37.8	10.7	48.5	74.0	-25.5	Peak	Horizontal
	8310.0	37.5	10.4	47.9	74.0	-26.1	Peak	Horizontal
*	8854.0	36.5	12.1	48.6	68.2	-19.6	Peak	Horizontal
*	9576.5	35.7	13.0	48.7	68.2	-19.5	Peak	Horizontal
	7434.5	37.3	10.5	47.8	74.0	-26.2	Peak	Vertical
	8242.0	36.8	10.7	47.5	74.0	-26.5	Peak	Vertical
*	8752.0	36.7	12.6	49.3	68.2	-18.9	Peak	Vertical
*	10120.5	34.6	13.8	48.4	68.2	-19.8	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE40 - Ant 0 + 1 (CDD mode)	Test Channel:	110
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
	7451.5	36.7	10.7	47.4	74.0	-26.6	Peak	Horizontal
	8318.5	36.9	10.4	47.3	74.0	-26.7	Peak	Horizontal
*	8769.0	36.1	12.5	48.6	68.2	-19.6	Peak	Horizontal
*	9993.0	34.8	13.5	48.3	68.2	-19.9	Peak	Horizontal
	7638.5	37.5	10.1	47.6	74.0	-26.4	Peak	Vertical
	8174.0	36.7	10.8	47.5	74.0	-26.5	Peak	Vertical
*	8743.5	35.7	12.4	48.1	68.2	-20.1	Peak	Vertical
*	9814.5	35.0	13.2	48.2	68.2	-20.0	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE40 - Ant 0 + 1 (CDD mode)	Test Channel:	134
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
	7638.5	36.2	10.1	46.3	74.0	-27.7	Peak	Horizontal
	8276.0	35.7	10.4	46.1	74.0	-27.9	Peak	Horizontal
*	8845.5	35.2	12.0	47.2	68.2	-21.0	Peak	Horizontal
*	9899.5	34.5	13.3	47.8	68.2	-20.4	Peak	Horizontal
	7443.0	37.0	10.7	47.7	74.0	-26.3	Peak	Vertical
	8352.5	37.5	10.6	48.1	74.0	-25.9	Peak	Vertical
*	8888.0	35.3	12.3	47.6	68.2	-20.6	Peak	Vertical
*	9636.0	34.9	12.8	47.7	68.2	-20.5	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE40 - Ant 0 + 1 (CDD mode)	Test Channel:	142
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
	7494.0	37.7	10.5	48.2	74.0	-25.8	Peak	Horizontal
	8131.5	36.9	10.9	47.8	74.0	-26.2	Peak	Horizontal
*	8769.0	36.5	12.5	49.0	68.2	-19.2	Peak	Horizontal
*	9874.0	35.8	13.8	49.6	68.2	-18.6	Peak	Horizontal
	7613.0	36.4	10.2	46.6	74.0	-27.4	Peak	Vertical
	8420.5	37.1	10.8	47.9	74.0	-26.1	Peak	Vertical
*	8658.5	36.9	12.1	49.0	68.2	-19.2	Peak	Vertical
*	9848.5	35.9	13.4	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE80 - Ant 0 + 1 (CDD mode)	Test Channel:	58
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
	7630.0	37.3	10.1	47.4	74.0	-26.6	Peak	Horizontal
	8284.5	37.7	10.4	48.1	74.0	-25.9	Peak	Horizontal
*	8888.0	35.3	12.3	47.6	68.2	-20.6	Peak	Horizontal
*	9814.5	34.3	13.2	47.5	68.2	-20.7	Peak	Horizontal
	7545.0	37.4	10.7	48.1	74.0	-25.9	Peak	Vertical
	8318.5	37.2	10.4	47.6	74.0	-26.4	Peak	Vertical
*	8811.5	35.2	12.6	47.8	68.2	-20.4	Peak	Vertical
*	10129.0	35.1	14.0	49.1	68.2	-19.1	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE80 - Ant 0 + 1 (CDD mode)	Test Channel:	106
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
	7553.5	36.6	10.7	47.3	74.0	-26.7	Peak	Horizontal
	8276.0	37.2	10.4	47.6	74.0	-26.4	Peak	Horizontal
*	8811.5	36.5	12.6	49.1	68.2	-19.1	Peak	Horizontal
*	10350.0	36.1	15.0	51.1	68.2	-17.1	Peak	Horizontal
	7485.5	37.3	10.5	47.8	74.0	-26.2	Peak	Vertical
	8165.5	38.0	10.7	48.7	74.0	-25.3	Peak	Vertical
*	8777.5	36.6	12.4	49.0	68.2	-19.2	Peak	Vertical
*	9865.5	35.7	13.6	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE80 - Ant 0 + 1 (CDD mode)	Test Channel:	122
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
	7655.5	37.5	10.1	47.6	74.0	-26.4	Peak	Horizontal
	8276.0	36.4	10.4	46.8	74.0	-27.2	Peak	Horizontal
*	8888.0	35.3	12.3	47.6	68.2	-20.6	Peak	Horizontal
*	9908.0	35.4	13.3	48.7	68.2	-19.5	Peak	Horizontal
	7375.0	37.2	10.1	47.3	74.0	-26.7	Peak	Vertical
	8131.5	35.9	10.9	46.8	74.0	-27.2	Peak	Vertical
*	8769.0	35.8	12.5	48.3	68.2	-19.9	Peak	Vertical
*	9729.5	36.7	13.2	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE80 - Ant 0 + 1 (CDD mode)	Test Channel:	138
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
	7570.5	35.6	10.6	46.2	74.0	-27.8	Peak	Horizontal
	8276.0	35.7	10.4	46.1	74.0	-27.9	Peak	Horizontal
*	8845.5	34.7	12.0	46.7	68.2	-21.5	Peak	Horizontal
*	9806.0	35.4	13.2	48.6	68.2	-19.6	Peak	Horizontal
	7545.0	36.9	10.7	47.6	74.0	-26.4	Peak	Vertical
	8216.5	36.8	10.6	47.4	74.0	-26.6	Peak	Vertical
*	8658.5	35.6	12.1	47.7	68.2	-20.5	Peak	Vertical
*	9942.0	35.8	13.2	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	52
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
	7477.0	32.8	8.2	41.0	74.0	-33.0	Peak	Horizontal
	8199.5	34.0	8.4	42.4	74.0	-31.6	Peak	Horizontal
*	8769.0	33.0	10.1	43.1	68.2	-25.1	Peak	Horizontal
*	9891.0	34.7	11.0	45.7	68.2	-22.5	Peak	Horizontal
	7519.5	33.2	7.9	41.1	74.0	-32.9	Peak	Vertical
	8080.5	34.6	8.9	43.5	74.0	-30.5	Peak	Vertical
*	8786.0	32.9	10.0	42.9	68.2	-25.3	Peak	Vertical
*	9831.5	34.1	10.8	44.9	68.2	-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)

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	60
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
	7409.0	33.4	8.2	41.6	74.0	-32.4	Peak	Horizontal
	8276.0	33.4	8.3	41.7	74.0	-32.3	Peak	Horizontal
*	8760.5	34.7	10.1	44.8	68.2	-23.4	Peak	Horizontal
*	9746.5	34.6	10.8	45.4	68.2	-22.8	Peak	Horizontal
	7536.5	33.3	8.1	41.4	74.0	-32.6	Peak	Vertical
	8327.0	34.4	8.5	42.9	74.0	-31.1	Peak	Vertical
*	8777.5	33.7	10.0	43.7	68.2	-24.5	Peak	Vertical
*	9882.5	34.4	10.9	45.3	68.2	-22.9	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	64
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
	7485.5	34.2	8.3	42.5	74.0	-31.5	Peak	Horizontal
	8301.5	34.0	8.4	42.4	74.0	-31.6	Peak	Horizontal
*	8752.0	33.2	10.1	43.3	68.2	-24.9	Peak	Horizontal
*	9899.5	33.3	11.1	44.4	68.2	-23.8	Peak	Horizontal
	7536.5	32.6	8.1	40.7	74.0	-33.3	Peak	Vertical
	8242.0	33.4	8.5	41.9	74.0	-32.1	Peak	Vertical
*	8633.0	34.6	9.4	44.0	68.2	-24.2	Peak	Vertical
*	9840.0	34.0	10.9	44.9	68.2	-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)

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	100
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
	7349.5	34.2	8.1	42.3	74.0	-31.7	Peak	Horizontal
	8165.5	34.1	8.5	42.6	74.0	-31.4	Peak	Horizontal
*	8803.0	33.3	10.0	43.3	68.2	-24.9	Peak	Horizontal
*	9857.0	34.3	10.9	45.2	68.2	-23.0	Peak	Horizontal
	7494.0	33.1	8.2	41.3	74.0	-32.7	Peak	Vertical
	8242.0	33.1	8.5	41.6	74.0	-32.4	Peak	Vertical
*	8718.0	34.6	9.4	44.0	68.2	-24.2	Peak	Vertical
*	10044.0	34.1	11.0	45.1	68.2	-23.1	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	116
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
	7511.0	32.7	7.9	40.6	74.0	-33.4	Peak	Horizontal
	8276.0	32.9	8.3	41.2	74.0	-32.8	Peak	Horizontal
*	8794.5	33.9	10.0	43.9	68.2	-24.3	Peak	Horizontal
*	9823.0	34.5	10.7	45.2	68.2	-23.0	Peak	Horizontal
	7502.5	34.2	8.0	42.2	74.0	-31.8	Peak	Vertical
	8123.0	34.6	8.9	43.5	74.0	-30.5	Peak	Vertical
*	8760.5	33.8	10.1	43.9	68.2	-24.3	Peak	Vertical
*	9865.5	34.5	10.9	45.4	68.2	-22.8	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	140
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
	7366.5	34.8	8.1	42.9	74.0	-31.1	Peak	Horizontal
	8225.0	34.7	8.1	42.8	74.0	-31.2	Peak	Horizontal
*	8752.0	33.3	10.1	43.4	68.2	-24.8	Peak	Horizontal
*	9899.5	33.0	11.1	44.1	68.2	-24.1	Peak	Horizontal
	7477.0	34.1	8.2	42.3	74.0	-31.7	Peak	Vertical
	8174.0	35.2	8.6	43.8	74.0	-30.2	Peak	Vertical
*	8658.5	34.1	9.6	43.7	68.2	-24.5	Peak	Vertical
*	10027.0	34.2	11.0	45.2	68.2	-23.0	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	144
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
	7494.0	33.5	8.2	41.7	74.0	-32.3	Peak	Horizontal
	8301.5	33.7	8.4	42.1	74.0	-31.9	Peak	Horizontal
*	8743.5	33.8	9.9	43.7	68.2	-24.5	Peak	Horizontal
*	10163.0	33.9	11.7	45.6	68.2	-22.6	Peak	Horizontal
	7460.0	33.0	8.3	41.3	74.0	-32.7	Peak	Vertical
	8250.5	35.2	8.4	43.6	74.0	-30.4	Peak	Vertical
*	8828.5	32.4	9.8	42.2	68.2	-26.0	Peak	Vertical
*	9712.5	35.5	10.9	46.4	68.2	-21.8	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	54
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
	7502.5	32.2	8.0	40.2	74.0	-33.8	Peak	Horizontal
	8310.0	33.3	8.4	41.7	74.0	-32.3	Peak	Horizontal
*	8743.5	34.4	9.9	44.3	68.2	-23.9	Peak	Horizontal
*	9865.5	35.2	10.9	46.1	68.2	-22.1	Peak	Horizontal
	7502.5	32.5	8.0	40.5	74.0	-33.5	Peak	Vertical
	8233.5	34.4	8.3	42.7	74.0	-31.3	Peak	Vertical
*	8692.5	33.3	9.6	42.9	68.2	-25.3	Peak	Vertical
*	10120.5	34.0	11.2	45.2	68.2	-23.0	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	62
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
	7477.0	32.7	8.2	40.9	74.0	-33.1	Peak	Horizontal
	8276.0	33.0	8.3	41.3	74.0	-32.7	Peak	Horizontal
*	8701.0	33.4	9.6	43.0	68.2	-25.2	Peak	Horizontal
*	10001.5	34.7	11.2	45.9	68.2	-22.3	Peak	Horizontal
	7570.5	31.9	8.2	40.1	74.0	-33.9	Peak	Vertical
	8276.0	33.6	8.3	41.9	74.0	-32.1	Peak	Vertical
*	8769.0	33.1	10.1	43.2	68.2	-25.0	Peak	Vertical
*	9695.5	34.2	10.8	45.0	68.2	-23.2	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	102
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
	7519.5	32.2	7.9	40.1	74.0	-33.9	Peak	Horizontal
	8242.0	32.6	8.5	41.1	74.0	-32.9	Peak	Horizontal
*	8735.0	32.6	9.8	42.4	68.2	-25.8	Peak	Horizontal
*	10078.0	34.2	11.3	45.5	68.2	-22.7	Peak	Horizontal
	7434.5	33.8	8.2	42.0	74.0	-32.0	Peak	Vertical
	8182.5	34.2	8.6	42.8	74.0	-31.2	Peak	Vertical
*	8743.5	33.6	9.9	43.5	68.2	-24.7	Peak	Vertical
*	9967.5	34.5	11.4	45.9	68.2	-22.3	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	110
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
	7536.5	32.0	8.1	40.1	74.0	-33.9	Peak	Horizontal
	8310.0	34.2	8.4	42.6	74.0	-31.4	Peak	Horizontal
*	8743.5	32.9	9.9	42.8	68.2	-25.4	Peak	Horizontal
*	9848.5	34.8	10.9	45.7	68.2	-22.5	Peak	Horizontal
	7587.5	31.2	8.3	39.5	74.0	-34.5	Peak	Vertical
	8165.5	34.1	8.5	42.6	74.0	-31.4	Peak	Vertical
*	8701.0	32.4	9.6	42.0	68.2	-26.2	Peak	Vertical
*	9874.0	35.2	10.9	46.1	68.2	-22.1	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	134
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
	7511.0	32.1	7.9	40.0	74.0	-34.0	Peak	Horizontal
	8250.5	33.8	8.4	42.2	74.0	-31.8	Peak	Horizontal
*	8743.5	32.7	9.9	42.6	68.2	-25.6	Peak	Horizontal
*	9857.0	32.8	10.9	43.7	68.2	-24.5	Peak	Horizontal
	7468.5	32.4	8.2	40.6	74.0	-33.4	Peak	Vertical
	8344.0	32.0	8.6	40.6	74.0	-33.4	Peak	Vertical
*	8752.0	34.5	10.1	44.6	68.2	-23.6	Peak	Vertical
*	9891.0	34.5	11.0	45.5	68.2	-22.7	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	142
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
	7519.5	32.2	7.9	40.1	74.0	-33.9	Peak	Horizontal
	8293.0	33.5	8.4	41.9	74.0	-32.1	Peak	Horizontal
*	8752.0	34.4	10.1	44.5	68.2	-23.7	Peak	Horizontal
*	9899.5	33.5	11.1	44.6	68.2	-23.6	Peak	Horizontal
	7477.0	32.8	8.2	41.0	74.0	-33.0	Peak	Vertical
	8199.5	32.8	8.4	41.2	74.0	-32.8	Peak	Vertical
*	8735.0	32.3	9.8	42.1	68.2	-26.1	Peak	Vertical
*	9840.0	34.9	10.9	45.8	68.2	-22.4	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)

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	58
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
	7468.5	33.6	8.2	41.8	74.0	-32.2	Peak	Horizontal
	8276.0	34.8	8.3	43.1	74.0	-30.9	Peak	Horizontal
*	8769.0	33.7	10.1	43.8	68.2	-24.4	Peak	Horizontal
*	10010.0	34.0	11.2	45.2	68.2	-23.0	Peak	Horizontal
	7502.5	32.3	8.0	40.3	74.0	-33.7	Peak	Vertical
	8250.5	33.0	8.4	41.4	74.0	-32.6	Peak	Vertical
*	8820.0	32.8	9.8	42.6	68.2	-25.6	Peak	Vertical
*	9772.0	35.2	10.6	45.8	68.2	-22.4	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)

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	106
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
	7528.0	33.4	7.9	41.3	74.0	-32.7	Peak	Horizontal
	8310.0	33.9	8.4	42.3	74.0	-31.7	Peak	Horizontal
*	8760.5	33.4	10.1	43.5	68.2	-24.7	Peak	Horizontal
*	9857.0	34.1	10.9	45.0	68.2	-23.2	Peak	Horizontal
	7434.5	33.4	8.2	41.6	74.0	-32.4	Peak	Vertical
	8259.0	34.5	8.2	42.7	74.0	-31.3	Peak	Vertical
*	8692.5	32.2	9.6	41.8	68.2	-26.4	Peak	Vertical
*	9899.5	33.2	11.1	44.3	68.2	-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)

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	122
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
	7468.5	33.3	8.2	41.5	74.0	-32.5	Peak	Horizontal
	8250.5	34.3	8.4	42.7	74.0	-31.3	Peak	Horizontal
*	8760.5	32.5	10.1	42.6	68.2	-25.6	Peak	Horizontal
*	9899.5	34.0	11.1	45.1	68.2	-23.1	Peak	Horizontal
	7545.0	34.2	8.2	42.4	74.0	-31.6	Peak	Vertical
	8284.5	34.3	8.4	42.7	74.0	-31.3	Peak	Vertical
*	8752.0	33.4	10.1	43.5	68.2	-24.7	Peak	Vertical
*	9891.0	34.4	11.0	45.4	68.2	-22.8	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	138
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
	7528.0	33.2	7.9	41.1	74.0	-32.9	Peak	Horizontal
	8420.5	33.4	8.8	42.2	74.0	-31.8	Peak	Horizontal
*	8803.0	33.7	10.0	43.7	68.2	-24.5	Peak	Horizontal
*	9908.0	33.9	11.1	45.0	68.2	-23.2	Peak	Horizontal
	7519.5	33.4	7.9	41.3	74.0	-32.7	Peak	Vertical
	8480.0	35.5	8.8	44.3	74.0	-29.7	Peak	Vertical
*	8769.0	33.0	10.1	43.1	68.2	-25.1	Peak	Vertical
*	9967.5	33.7	11.4	45.1	68.2	-23.1	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE20 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	52
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
	7400.5	34.0	8.2	42.2	74.0	-31.8	Peak	Horizontal
	8276.0	35.1	8.3	43.4	74.0	-30.6	Peak	Horizontal
*	8760.5	33.2	10.1	43.3	68.2	-24.9	Peak	Horizontal
*	9882.5	34.7	10.9	45.6	68.2	-22.6	Peak	Horizontal
	7494.0	33.0	8.2	41.2	74.0	-32.8	Peak	Vertical
	8199.5	33.9	8.4	42.3	74.0	-31.7	Peak	Vertical
*	8701.0	33.2	9.6	42.8	68.2	-25.4	Peak	Vertical
*	9976.0	34.2	11.4	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)

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE20 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	60
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
	7451.5	33.4	8.3	41.7	74.0	-32.3	Peak	Horizontal
	8131.5	35.1	8.8	43.9	74.0	-30.1	Peak	Horizontal
*	8760.5	34.3	10.1	44.4	68.2	-23.8	Peak	Horizontal
*	9661.5	35.1	10.8	45.9	68.2	-22.3	Peak	Horizontal
	7426.0	34.3	8.1	42.4	74.0	-31.6	Peak	Vertical
	8174.0	34.6	8.6	43.2	74.0	-30.8	Peak	Vertical
*	8786.0	33.7	10.0	43.7	68.2	-24.5	Peak	Vertical
*	9891.0	34.4	11.0	45.4	68.2	-22.8	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE20 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	64
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
	7443.0	33.0	8.3	41.3	74.0	-32.7	Peak	Horizontal
	8216.5	32.5	8.2	40.7	74.0	-33.3	Peak	Horizontal
*	8760.5	34.4	10.1	44.5	68.2	-23.7	Peak	Horizontal
*	9908.0	34.8	11.1	45.9	68.2	-22.3	Peak	Horizontal
	7451.5	32.9	8.3	41.2	74.0	-32.8	Peak	Vertical
	8123.0	34.8	8.9	43.7	74.0	-30.3	Peak	Vertical
*	8794.5	34.9	10.0	44.9	68.2	-23.3	Peak	Vertical
*	9797.5	35.2	10.7	45.9	68.2	-22.3	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE20 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	100
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
	7545.0	33.5	8.2	41.7	74.0	-32.3	Peak	Horizontal
	8191.0	33.7	8.5	42.2	74.0	-31.8	Peak	Horizontal
*	8718.0	33.2	9.4	42.6	68.2	-25.6	Peak	Horizontal
*	9857.0	34.8	10.9	45.7	68.2	-22.5	Peak	Horizontal
	7502.5	32.9	8.0	40.9	74.0	-33.1	Peak	Vertical
	8250.5	33.9	8.4	42.3	74.0	-31.7	Peak	Vertical
*	8837.0	32.8	9.8	42.6	68.2	-25.6	Peak	Vertical
*	10010.0	35.4	11.2	46.6	68.2	-21.6	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE20 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	116
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
	7443.0	34.2	8.3	42.5	74.0	-31.5	Peak	Horizontal
	8199.5	33.0	8.4	41.4	74.0	-32.6	Peak	Horizontal
*	8811.5	34.1	9.9	44.0	68.2	-24.2	Peak	Horizontal
*	10333.0	33.6	12.6	46.2	68.2	-22.0	Peak	Horizontal
	7519.5	33.2	7.9	41.1	74.0	-32.9	Peak	Vertical
	8199.5	33.2	8.4	41.6	74.0	-32.4	Peak	Vertical
*	8769.0	33.8	10.1	43.9	68.2	-24.3	Peak	Vertical
*	10120.5	33.1	11.2	44.3	68.2	-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)

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE20 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	140
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
	7536.5	34.2	8.1	42.3	74.0	-31.7	Peak	Horizontal
	8199.5	33.7	8.4	42.1	74.0	-31.9	Peak	Horizontal
*	8769.0	33.4	10.1	43.5	68.2	-24.7	Peak	Horizontal
*	9882.5	33.9	10.9	44.8	68.2	-23.4	Peak	Horizontal
	7443.0	32.5	8.3	40.8	74.0	-33.2	Peak	Vertical
	8157.0	34.8	8.3	43.1	74.0	-30.9	Peak	Vertical
*	8760.5	33.1	10.1	43.2	68.2	-25.0	Peak	Vertical
*	9772.0	34.7	10.6	45.3	68.2	-22.9	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE20 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	144
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
	7400.5	33.6	8.2	41.8	74.0	-32.2	Peak	Horizontal
	8029.5	35.2	8.8	44.0	74.0	-30.0	Peak	Horizontal
*	8845.5	34.1	9.9	44.0	68.2	-24.2	Peak	Horizontal
*	10027.0	35.0	11.0	46.0	68.2	-22.2	Peak	Horizontal
	7494.0	33.7	8.2	41.9	74.0	-32.1	Peak	Vertical
	8276.0	32.7	8.3	41.0	74.0	-33.0	Peak	Vertical
*	8743.5	33.7	9.9	43.6	68.2	-24.6	Peak	Vertical
*	9806.0	34.8	10.7	45.5	68.2	-22.7	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE40 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	54
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
	7477.0	32.7	8.2	40.9	74.0	-33.1	Peak	Horizontal
	8199.5	34.4	8.4	42.8	74.0	-31.2	Peak	Horizontal
*	8752.0	33.1	10.1	43.2	68.2	-25.0	Peak	Horizontal
*	9874.0	34.2	10.9	45.1	68.2	-23.1	Peak	Horizontal
	7536.5	33.3	8.1	41.4	74.0	-32.6	Peak	Vertical
	8242.0	34.3	8.5	42.8	74.0	-31.2	Peak	Vertical
*	8752.0	33.7	10.1	43.8	68.2	-24.4	Peak	Vertical
*	9916.5	34.3	11.0	45.3	68.2	-22.9	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE40 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	62
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
	7468.5	34.8	8.2	43.0	74.0	-31.0	Peak	Horizontal
	8259.0	34.6	8.2	42.8	74.0	-31.2	Peak	Horizontal
*	8777.5	34.8	10.0	44.8	68.2	-23.4	Peak	Horizontal
*	9865.5	34.4	10.9	45.3	68.2	-22.9	Peak	Horizontal
	7477.0	33.8	8.2	42.0	74.0	-32.0	Peak	Vertical
	8208.0	34.1	8.3	42.4	74.0	-31.6	Peak	Vertical
*	8743.5	33.5	9.9	43.4	68.2	-24.8	Peak	Vertical
*	9738.0	35.0	10.8	45.8	68.2	-22.4	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)

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE40 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	102
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
	7426.0	31.7	8.1	39.8	74.0	-34.2	Peak	Horizontal
	8310.0	33.3	8.4	41.7	74.0	-32.3	Peak	Horizontal
*	8760.5	32.3	10.1	42.4	68.2	-25.8	Peak	Horizontal
*	9891.0	35.2	11.0	46.2	68.2	-22.0	Peak	Horizontal
	7536.5	32.7	8.1	40.8	74.0	-33.2	Peak	Vertical
	8216.5	33.4	8.2	41.6	74.0	-32.4	Peak	Vertical
*	8752.0	33.6	10.1	43.7	68.2	-24.5	Peak	Vertical
*	9865.5	35.3	10.9	46.2	68.2	-22.0	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE40 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	110
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
	7545.0	33.8	8.2	42.0	74.0	-32.0	Peak	Horizontal
	8352.5	34.5	8.6	43.1	74.0	-30.9	Peak	Horizontal
*	8752.0	34.3	10.1	44.4	68.2	-23.8	Peak	Horizontal
*	9882.5	34.8	10.9	45.7	68.2	-22.5	Peak	Horizontal
	7434.5	31.9	8.2	40.1	74.0	-33.9	Peak	Vertical
	8233.5	35.5	8.3	43.8	74.0	-30.2	Peak	Vertical
*	8769.0	32.2	10.1	42.3	68.2	-25.9	Peak	Vertical
*	9865.5	34.1	10.9	45.0	68.2	-23.2	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE40 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	134
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
	7349.5	35.5	8.1	43.6	74.0	-30.4	Peak	Horizontal
	8114.5	34.0	9.0	43.0	74.0	-31.0	Peak	Horizontal
*	8735.0	32.8	9.8	42.6	68.2	-25.6	Peak	Horizontal
*	10299.0	34.1	12.3	46.4	68.2	-21.8	Peak	Horizontal
	7366.5	33.7	8.1	41.8	74.0	-32.2	Peak	Vertical
	8335.5	34.2	8.5	42.7	74.0	-31.3	Peak	Vertical
*	8794.5	34.0	10.0	44.0	68.2	-24.2	Peak	Vertical
*	9729.5	34.5	10.8	45.3	68.2	-22.9	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE40 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	142
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
	7596.0	33.8	8.2	42.0	74.0	-32.0	Peak	Horizontal
	8216.5	34.9	8.2	43.1	74.0	-30.9	Peak	Horizontal
*	8854.0	34.7	9.9	44.6	68.2	-23.6	Peak	Horizontal
*	9865.5	34.2	10.9	45.1	68.2	-23.1	Peak	Horizontal
	7341.0	35.4	8.0	43.4	74.0	-30.6	Peak	Vertical
	8114.5	34.5	9.0	43.5	74.0	-30.5	Peak	Vertical
*	8820.0	34.0	9.8	43.8	68.2	-24.4	Peak	Vertical
*	9823.0	34.5	10.7	45.2	68.2	-23.0	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE80 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	58
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
	7468.5	34.1	8.2	42.3	74.0	-31.7	Peak	Horizontal
	8242.0	35.1	8.5	43.6	74.0	-30.4	Peak	Horizontal
*	8811.5	33.8	9.9	43.7	68.2	-24.5	Peak	Horizontal
*	10018.5	33.8	11.2	45.0	68.2	-23.2	Peak	Horizontal
	7562.0	33.4	8.1	41.5	74.0	-32.5	Peak	Vertical
	8352.5	34.8	8.6	43.4	74.0	-30.6	Peak	Vertical
*	8769.0	33.4	10.1	43.5	68.2	-24.7	Peak	Vertical
*	9848.5	34.5	10.9	45.4	68.2	-22.8	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE80 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	106
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
	7519.5	34.1	7.9	42.0	74.0	-32.0	Peak	Horizontal
	8276.0	33.4	8.3	41.7	74.0	-32.3	Peak	Horizontal
*	8718.0	32.8	9.4	42.2	68.2	-26.0	Peak	Horizontal
*	9848.5	34.1	10.9	45.0	68.2	-23.2	Peak	Horizontal
	7443.0	32.8	8.3	41.1	74.0	-32.9	Peak	Vertical
	8242.0	32.7	8.5	41.2	74.0	-32.8	Peak	Vertical
*	8760.5	33.2	10.1	43.3	68.2	-24.9	Peak	Vertical
*	9831.5	34.5	10.8	45.3	68.2	-22.9	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE80 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	122
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
	7468.5	33.4	8.2	41.6	74.0	-32.4	Peak	Horizontal
	8250.5	33.8	8.4	42.2	74.0	-31.8	Peak	Horizontal
*	8743.5	32.7	9.9	42.6	68.2	-25.6	Peak	Horizontal
*	9899.5	33.0	11.1	44.1	68.2	-24.1	Peak	Horizontal
	7426.0	34.1	8.1	42.2	74.0	-31.8	Peak	Vertical
	8242.0	35.1	8.5	43.6	74.0	-30.4	Peak	Vertical
*	8769.0	33.7	10.1	43.8	68.2	-24.4	Peak	Vertical
*	9908.0	34.6	11.1	45.7	68.2	-22.5	Peak	Vertical

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

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

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

Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2
Test Mode:	802.11ax-HE80 - Ant 0 + 1 (Beamforming Mode)	Test Channel:	138
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
	7434.5	32.7	8.2	40.9	74.0	-33.1	Peak	Horizontal
	8250.5	34.1	8.4	42.5	74.0	-31.5	Peak	Horizontal
*	8743.5	34.1	9.9	44.0	68.2	-24.2	Peak	Horizontal
*	9619.0	35.3	10.8	46.1	68.2	-22.1	Peak	Horizontal
	7502.5	33.1	8.0	41.1	74.0	-32.9	Peak	Vertical
	8267.5	33.4	8.3	41.7	74.0	-32.3	Peak	Vertical
*	8692.5	32.9	9.6	42.5	68.2	-25.7	Peak	Vertical
*	9840.0	34.3	10.9	45.2	68.2	-23.0	Peak	Vertical

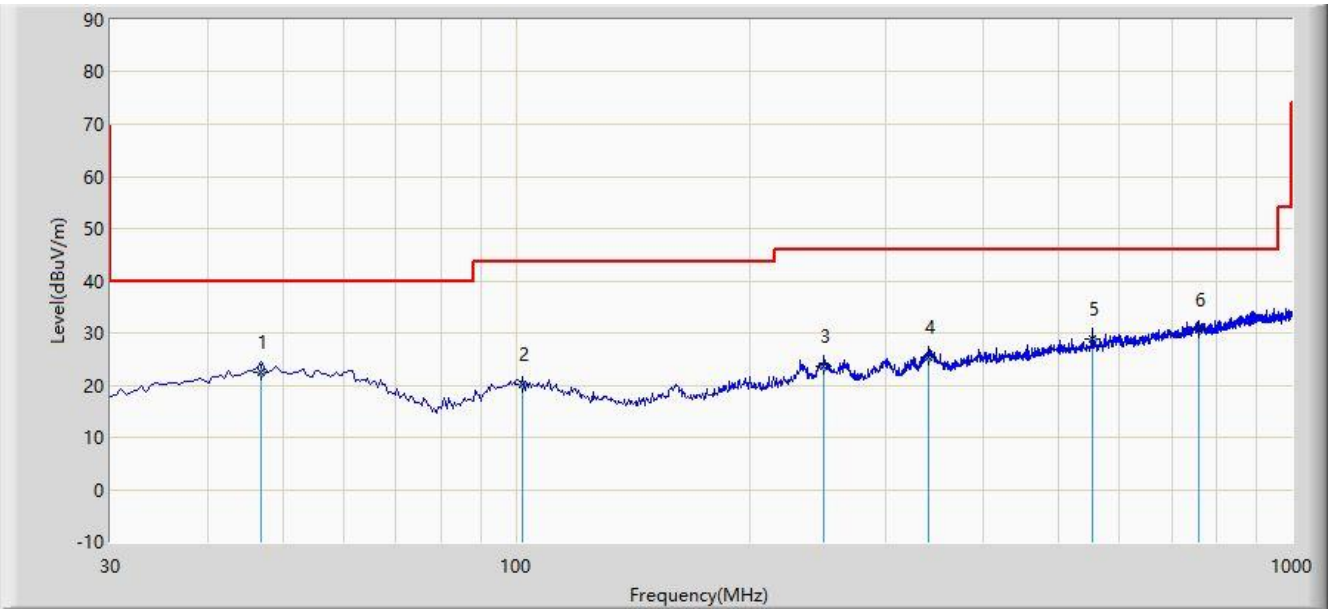
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The worst case of Radiated Emission below 1GHz:

Site: AC2	Time: 2020/08/12 - 21:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_VULB9162_0.03-7GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test mode 1	



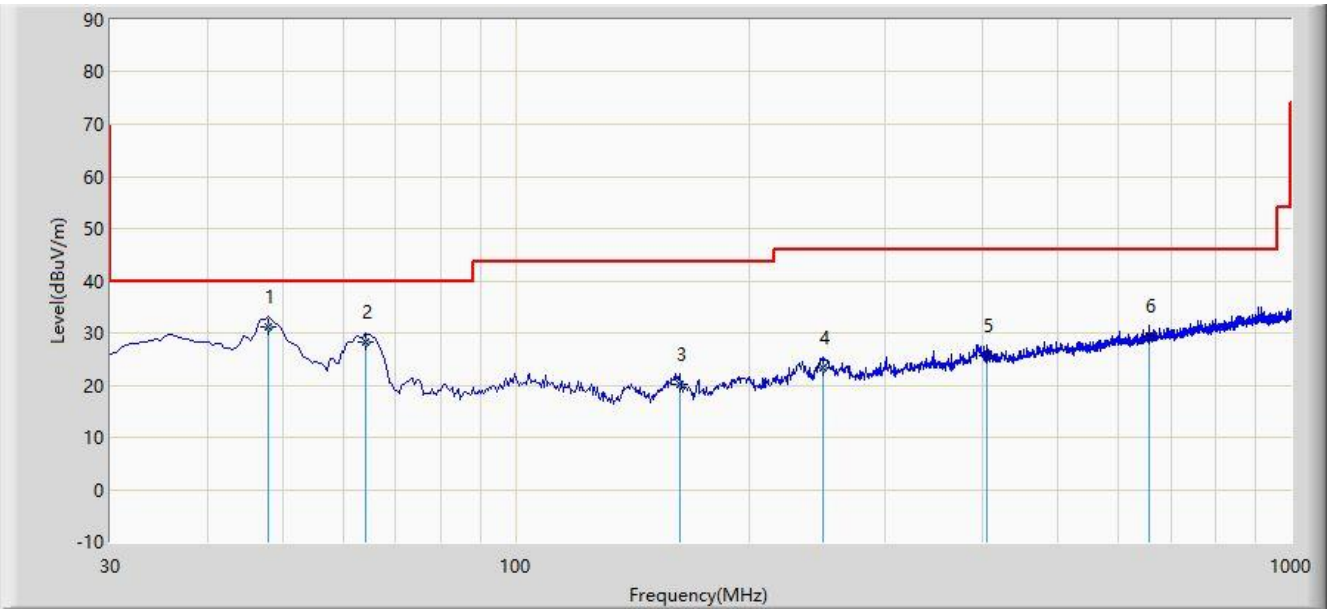
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			46.975	22.511	2.194	-17.489	40.000	20.316	QP
2			101.780	20.208	1.955	-23.292	43.500	18.253	QP
3			249.220	23.522	4.223	-22.478	46.000	19.299	QP
4			340.400	25.321	3.670	-20.679	46.000	21.652	QP
5			553.315	28.795	3.746	-17.205	46.000	25.049	QP
6		*	759.925	30.455	2.177	-15.545	46.000	28.278	QP

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

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

Note 2: The amplitude of radiated emissions (frequency range from 9kHz ~ 30MHz, 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site: AC2	Time: 2020/08/12 - 21:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_VULB9162_0.03-7GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	47.945	31.185	10.830	-8.815	40.000	20.355	QP
2			63.950	28.126	10.009	-11.874	40.000	18.117	QP
3			162.890	20.151	4.648	-23.349	43.500	15.503	QP
4			249.705	23.347	4.037	-22.653	46.000	19.310	QP
5			405.875	25.598	2.865	-20.402	46.000	22.733	QP
6			655.650	29.563	3.030	-16.437	46.000	26.533	QP

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

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

Note 2: The amplitude of radiated emissions (frequency range from 9kHz ~ 30MHz, 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

5.8. Radiated Restricted Band Edge Measurement

5.8.1.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 5.25-5.35 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 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

Refer to KDB 789033 D02v01r04 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 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.

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 – 0.490	2400/F (kHz)	300
0.490 – 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

5.8.2.Test Procedure Used

KDB 789033 D02v02r01 – Section G

5.8.3.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

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

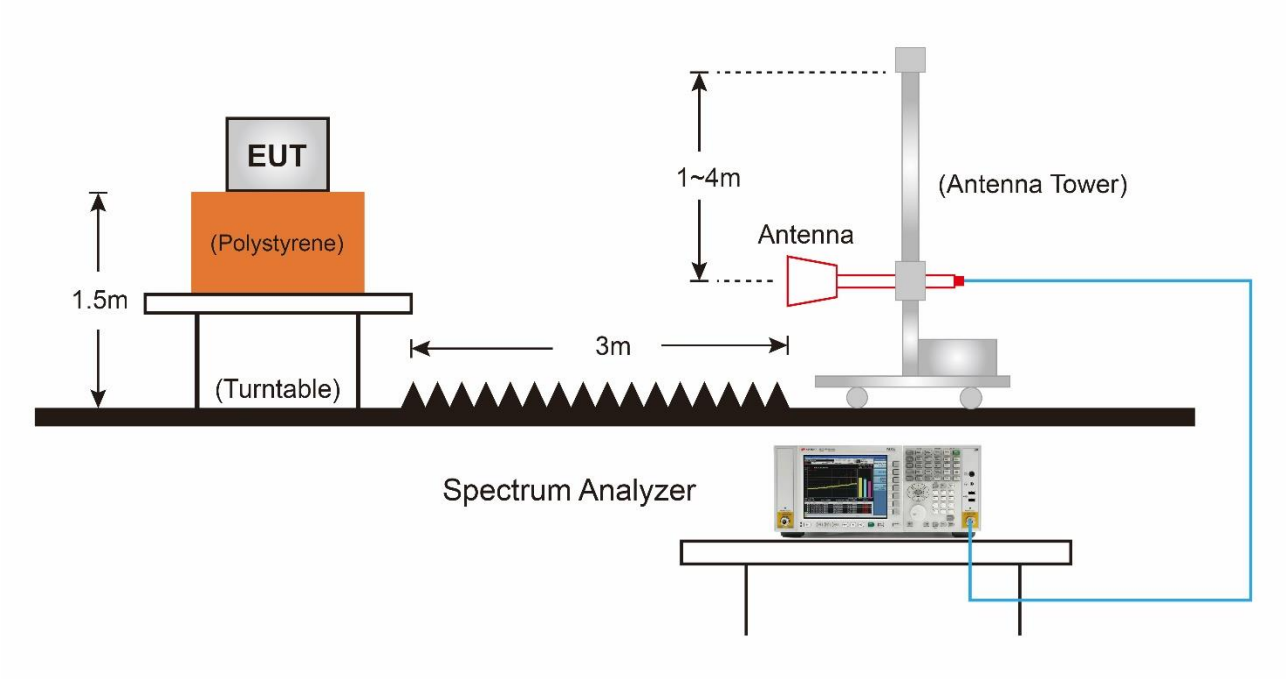
3. VBWIf the EUT is configured to transmit with duty cycle ≥ 98%, set VBW ≤ RBW/100 (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is < 98%, set VBW ≥ 1/T.

4. Detector = Peak

5. Sweep time = auto

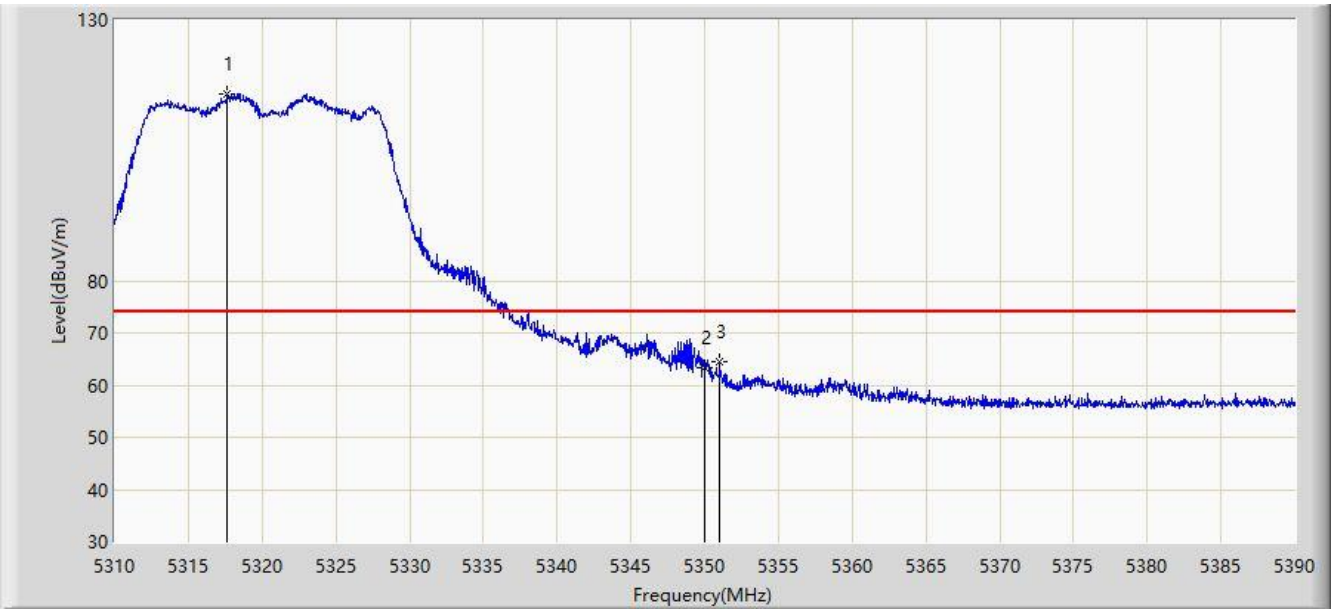
6. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.

5.8.4.Test Setup



5.8.5.Test Result

Site: AC2	Time: 2020/08/04 - 10:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz - CDD Mode	

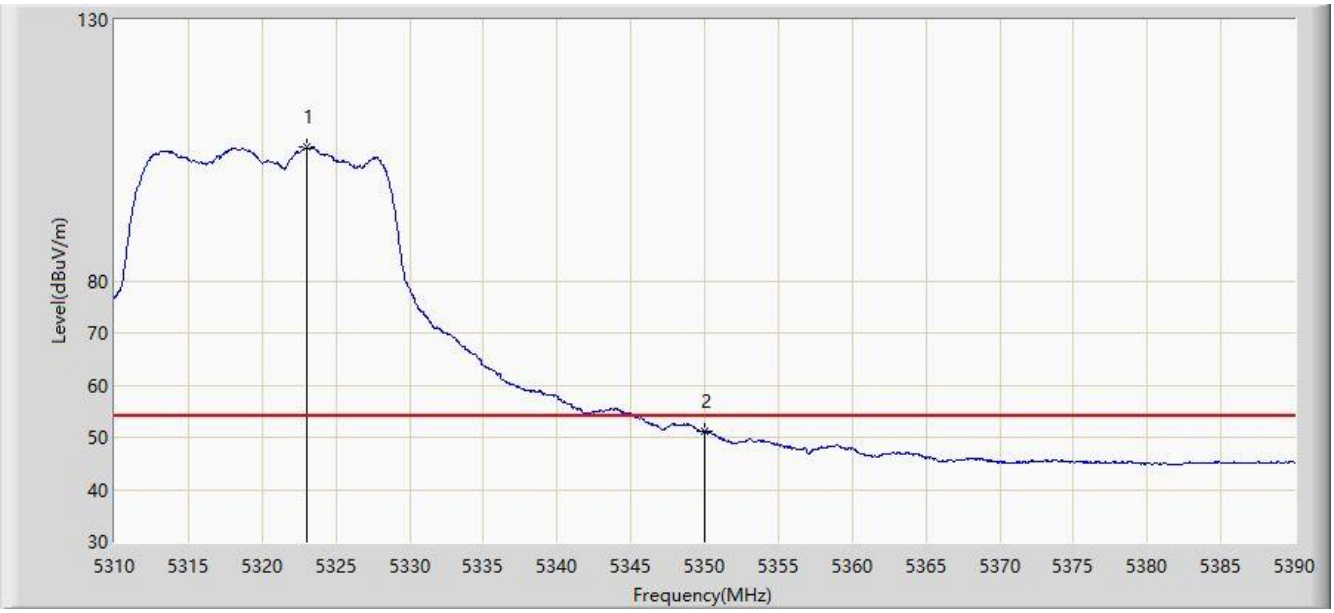


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.640	115.882	115.936	N/A	N/A	-0.053	PK
2			5350.000	63.462	63.381	-10.538	74.000	0.081	PK
3			5351.040	64.527	64.439	-9.473	74.000	0.088	PK

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

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

Site: AC2	Time: 2020/08/04 - 10:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz - CDD Mode	

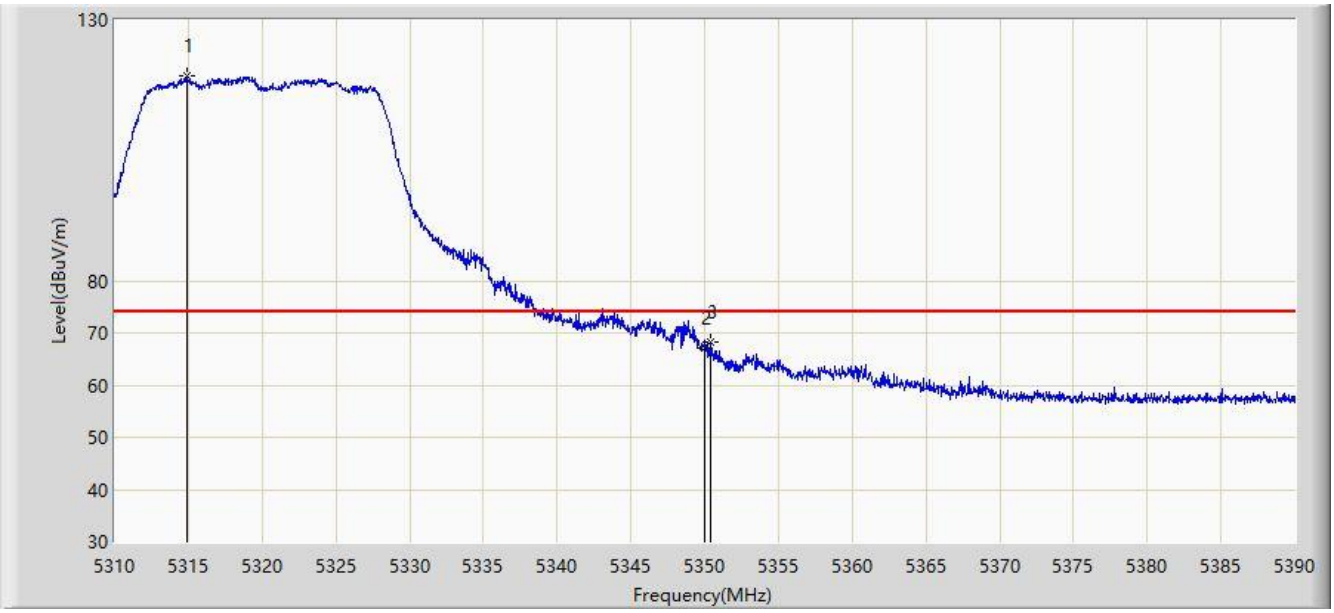


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5323.040	105.646	105.798	N/A	N/A	-0.153	AV
2			5350.000	51.171	51.090	-2.829	54.000	0.081	AV

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

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

Site: AC2	Time: 2020/08/04 - 10:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz - CDD Mode	

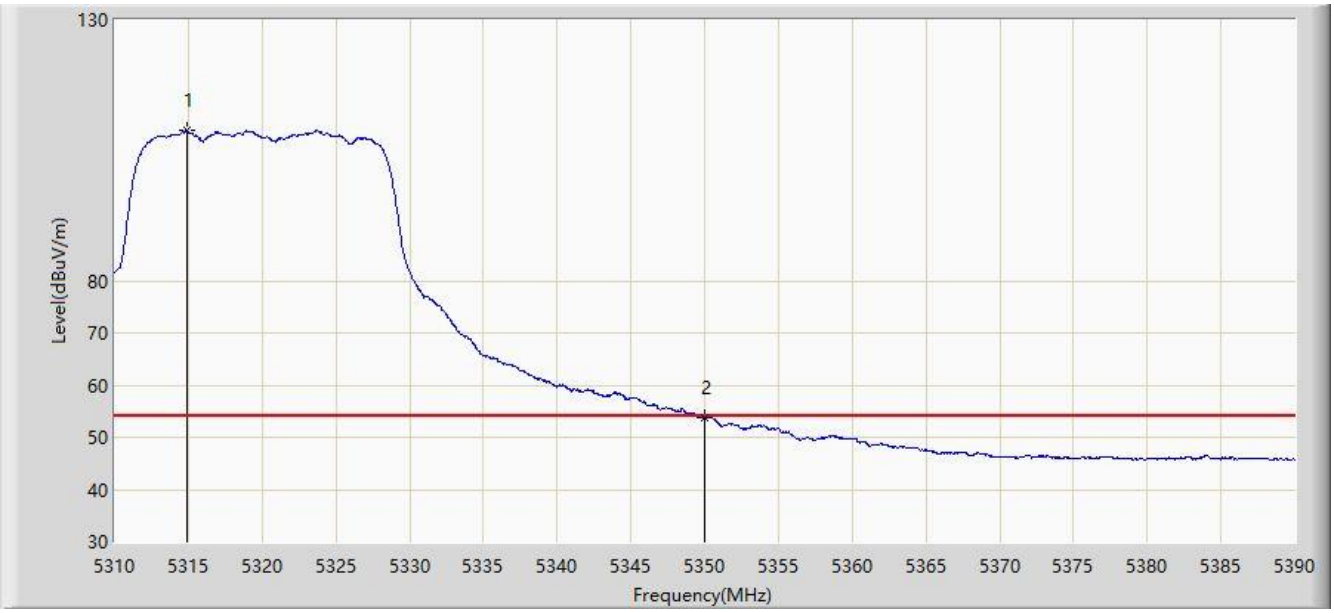


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.920	119.176	119.156	N/A	N/A	0.020	PK
2			5350.000	67.028	66.947	-6.972	74.000	0.081	PK
3			5350.400	68.321	68.237	-5.679	74.000	0.083	PK

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

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

Site: AC2	Time: 2020/08/04 - 10:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz - CDD Mode	

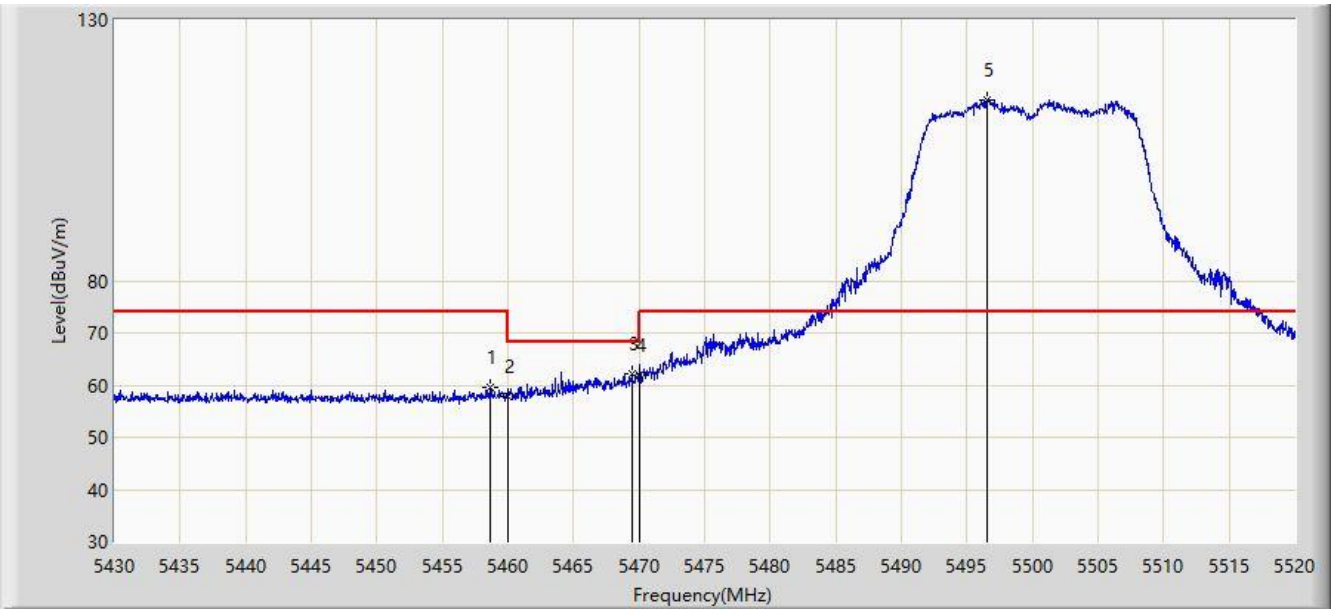


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	5314.880	108.769	108.748	N/A	N/A	0.021	AV
2			5350.000	53.679	53.598	-0.321	54.000	0.081	AV

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

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

Site: AC2	Time: 2020/08/04 - 11:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz - CDD Mode	

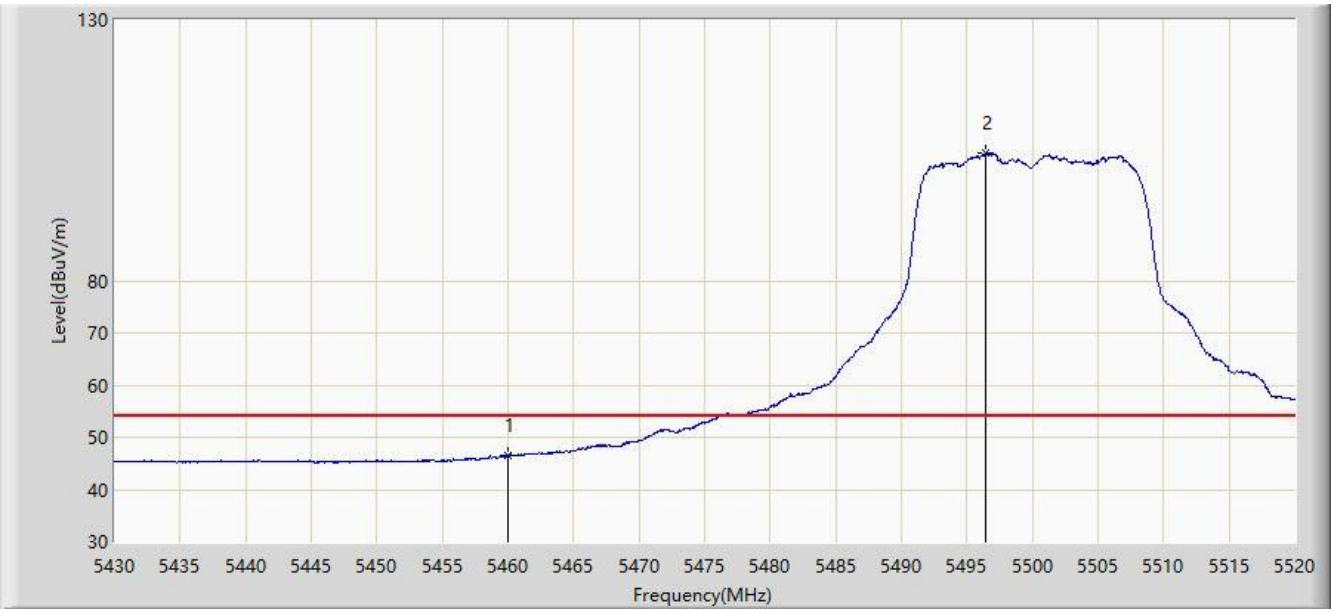


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.665	59.461	59.179	-14.539	74.000	0.282	PK
2			5460.000	57.889	57.610	-16.111	74.000	0.279	PK
3			5469.465	62.042	61.784	-6.158	68.200	0.258	PK
4			5470.000	61.852	61.595	-6.348	68.200	0.257	PK
5		*	5496.555	114.669	114.406	N/A	N/A	0.262	PK

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

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

Site: AC2	Time: 2020/08/04 - 11:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz - CDD Mode	

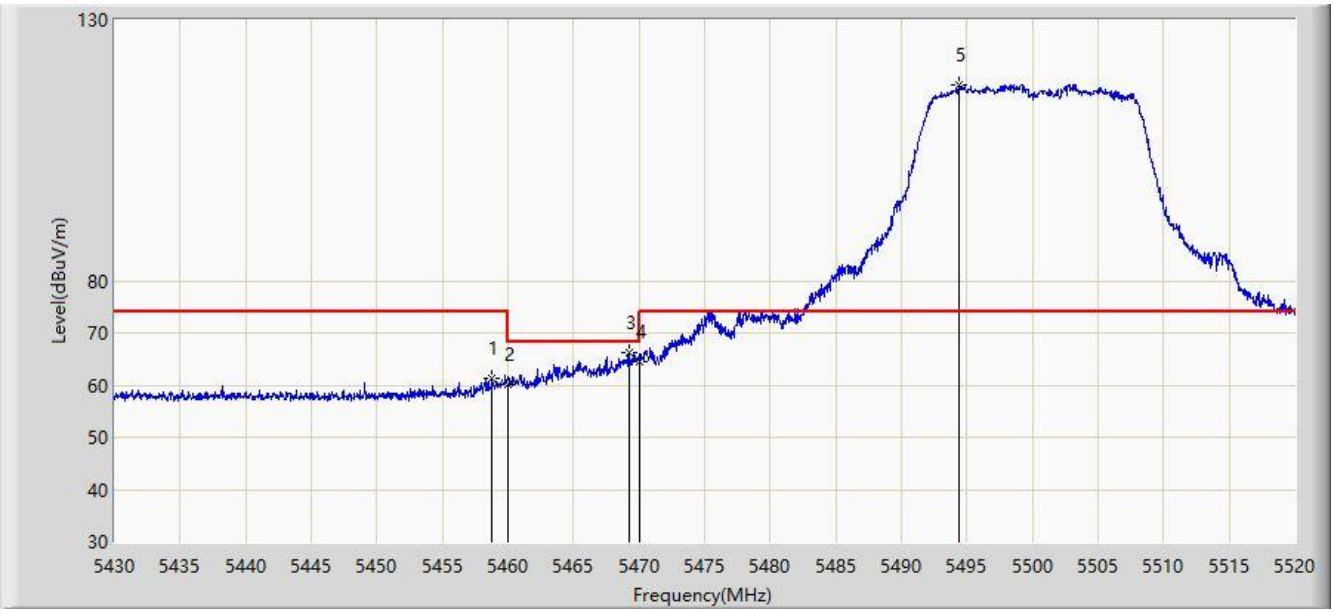


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.391	46.112	-7.609	54.000	0.279	AV
2		*	5496.465	104.399	104.136	N/A	N/A	0.263	AV

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

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

Site: AC2	Time: 2020/08/04 - 11:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz - CDD Mode	

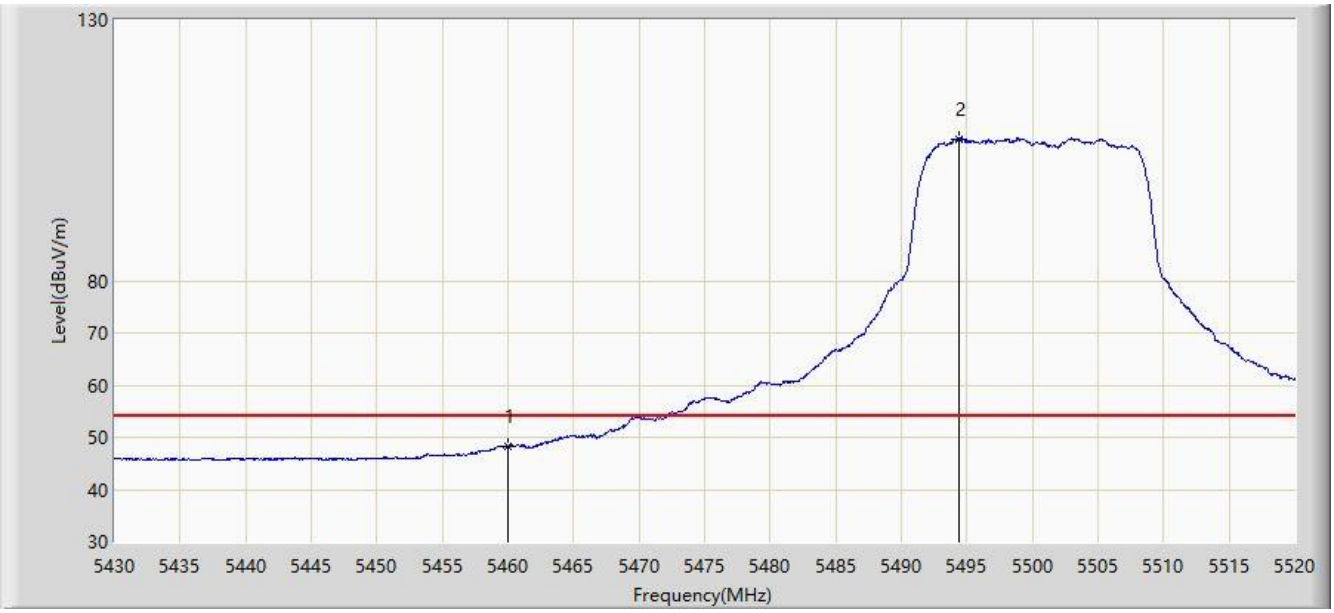


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.800	61.365	61.084	-12.635	74.000	0.281	PK
2			5460.000	60.165	59.886	-13.835	74.000	0.279	PK
3			5469.195	66.107	65.848	-2.093	68.200	0.259	PK
4			5470.000	64.424	64.167	-3.776	68.200	0.257	PK
5		*	5494.395	117.554	117.286	N/A	N/A	0.269	PK

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

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

Site: AC2	Time: 2020/08/04 - 11:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz - CDD Mode	

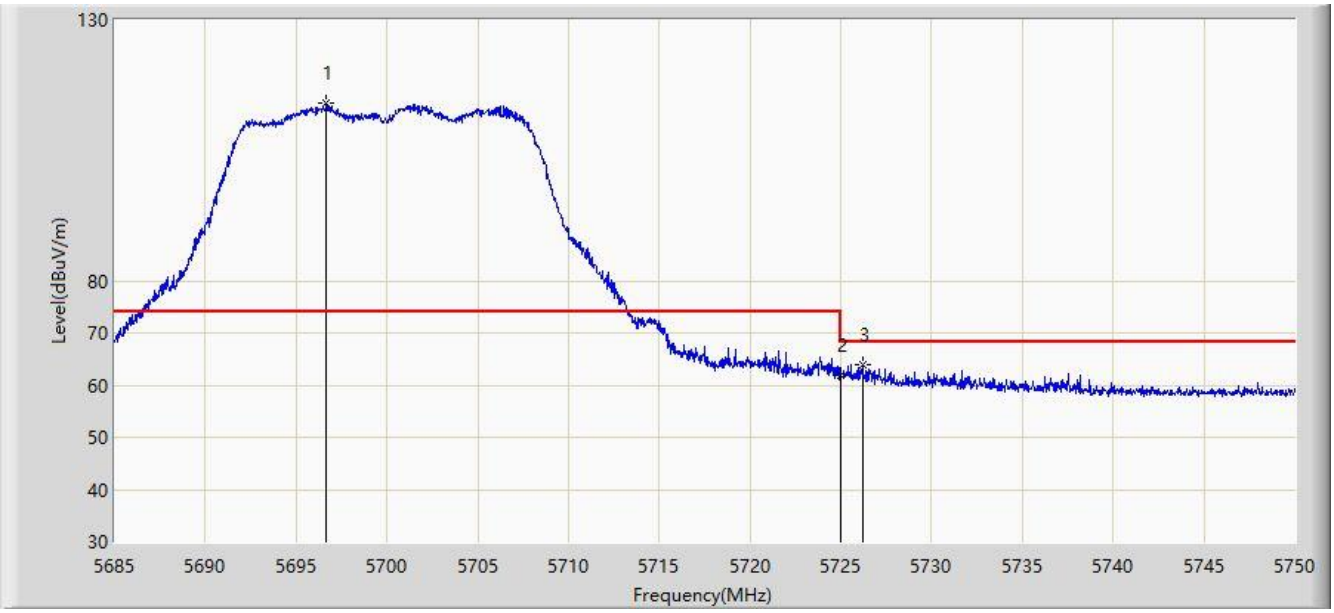


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	48.296	48.017	-5.704	54.000	0.279	AV
2		*	5494.395	107.234	106.966	N/A	N/A	0.269	AV

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

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

Site: AC2	Time: 2020/08/04 - 11:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz - CDD Mode	

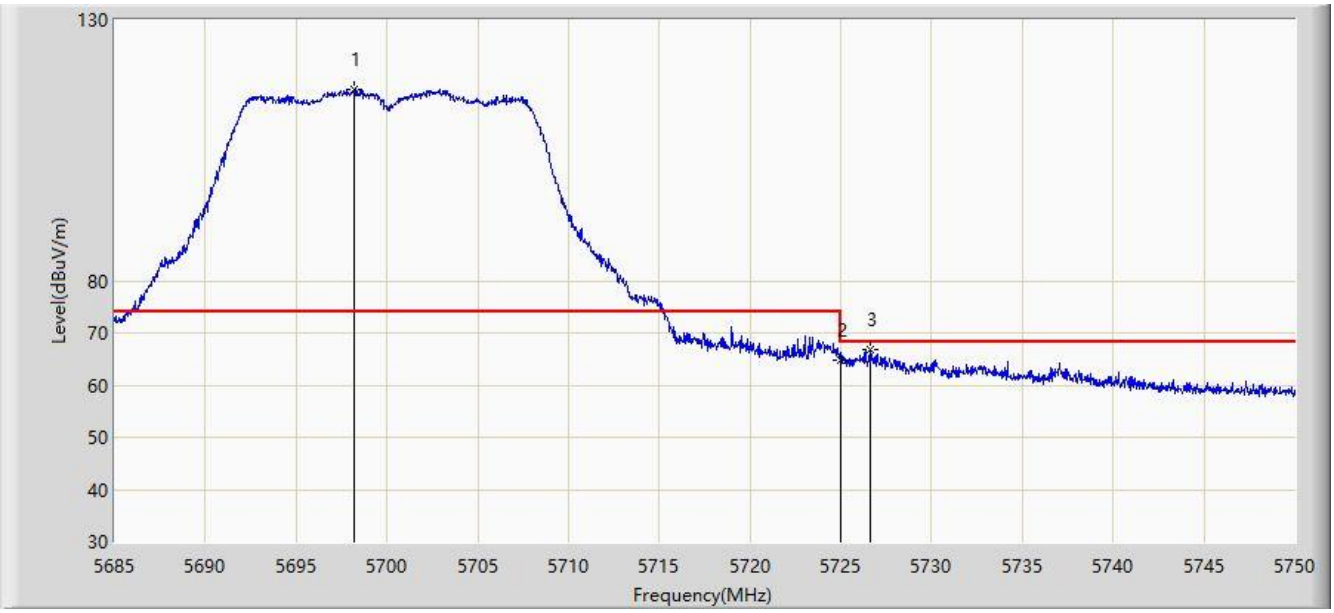


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.667	114.084	112.917	N/A	N/A	1.167	PK
2			5725.000	61.918	60.485	-6.282	68.200	1.433	PK
3			5726.178	64.040	62.619	-4.160	68.200	1.420	PK

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

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

Site: AC2	Time: 2020/08/04 - 11:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz - CDD Mode	

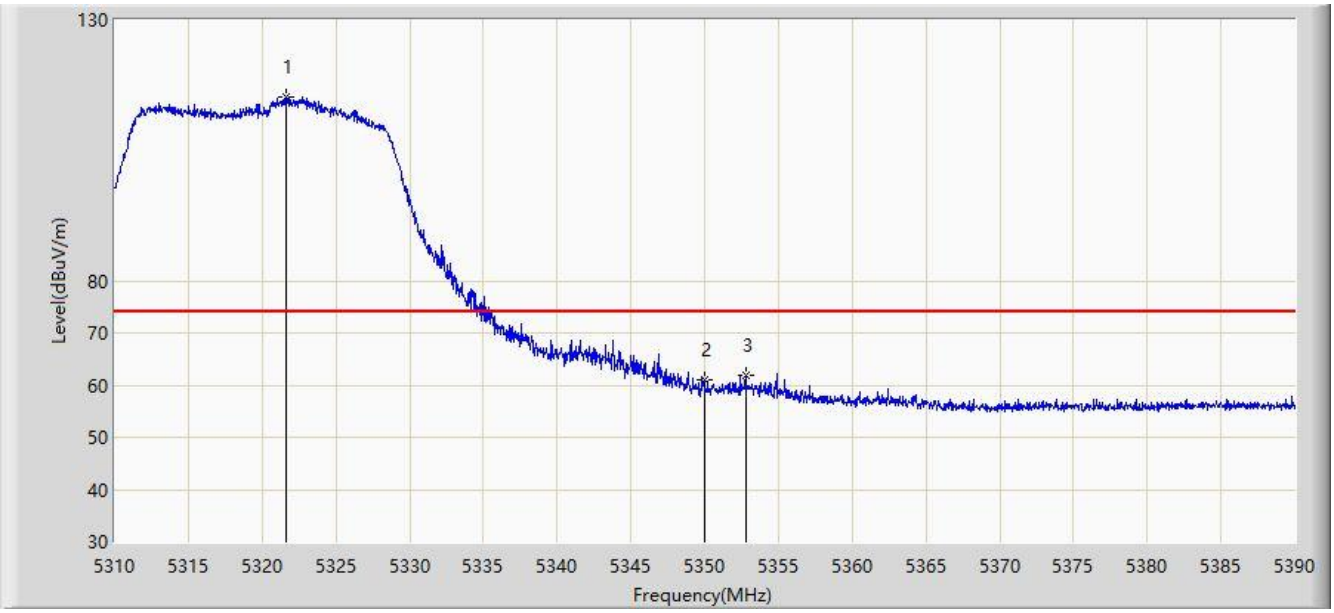


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5698.163	116.547	115.337	N/A	N/A	1.211	PK
2			5725.000	64.826	63.393	-3.374	68.200	1.433	PK
3			5726.632	66.873	65.454	-1.327	68.200	1.419	PK

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

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

Site: AC2	Time: 2020/08/04 - 02:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz - CDD Mode	

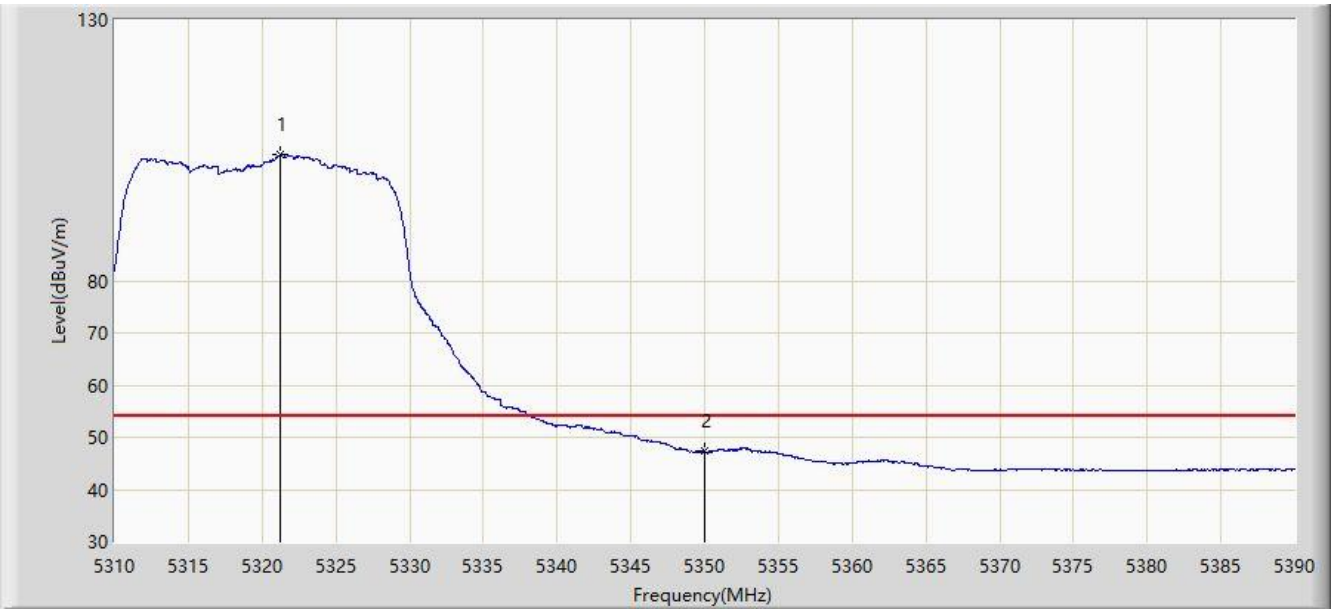


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.640	115.280	115.408	N/A	N/A	-0.128	PK
2			5350.000	61.051	60.970	-12.949	74.000	0.081	PK
3			5352.760	62.028	61.936	-11.972	74.000	0.093	PK

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

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

Site: AC2	Time: 2020/08/04 - 02:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz - CDD Mode	

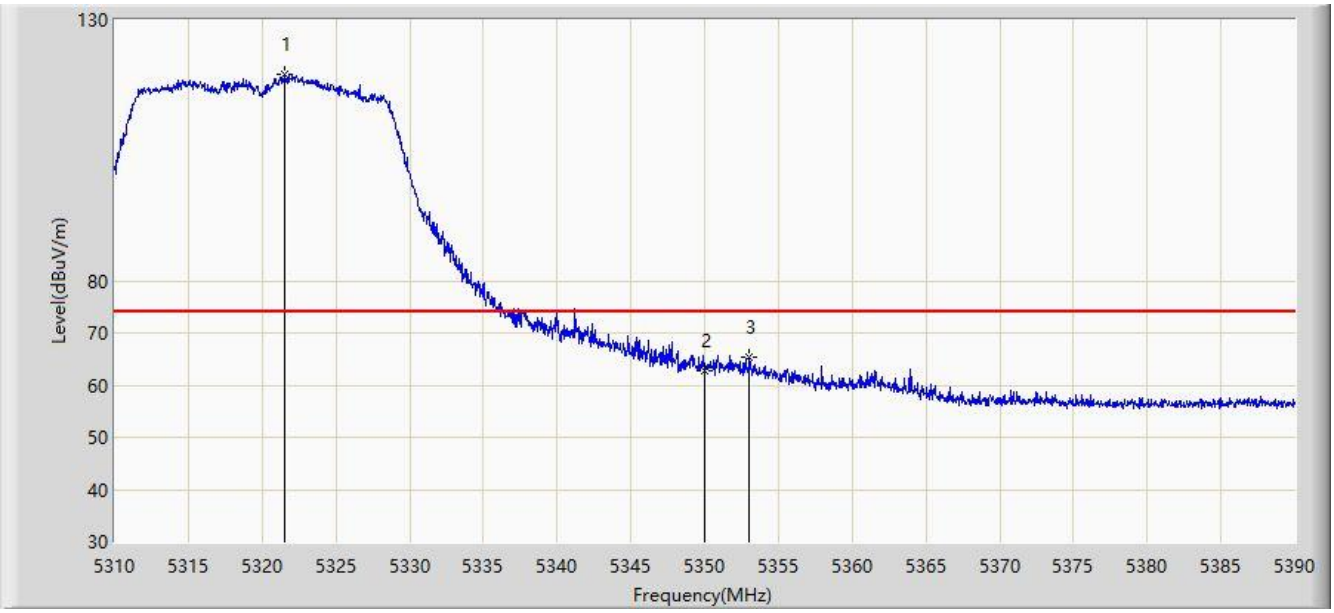


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.240	104.157	104.278	N/A	N/A	-0.120	AV
2			5350.000	47.326	47.245	-6.674	54.000	0.081	AV

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

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

Site: AC2	Time: 2020/08/04 - 02:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz - CDD Mode	

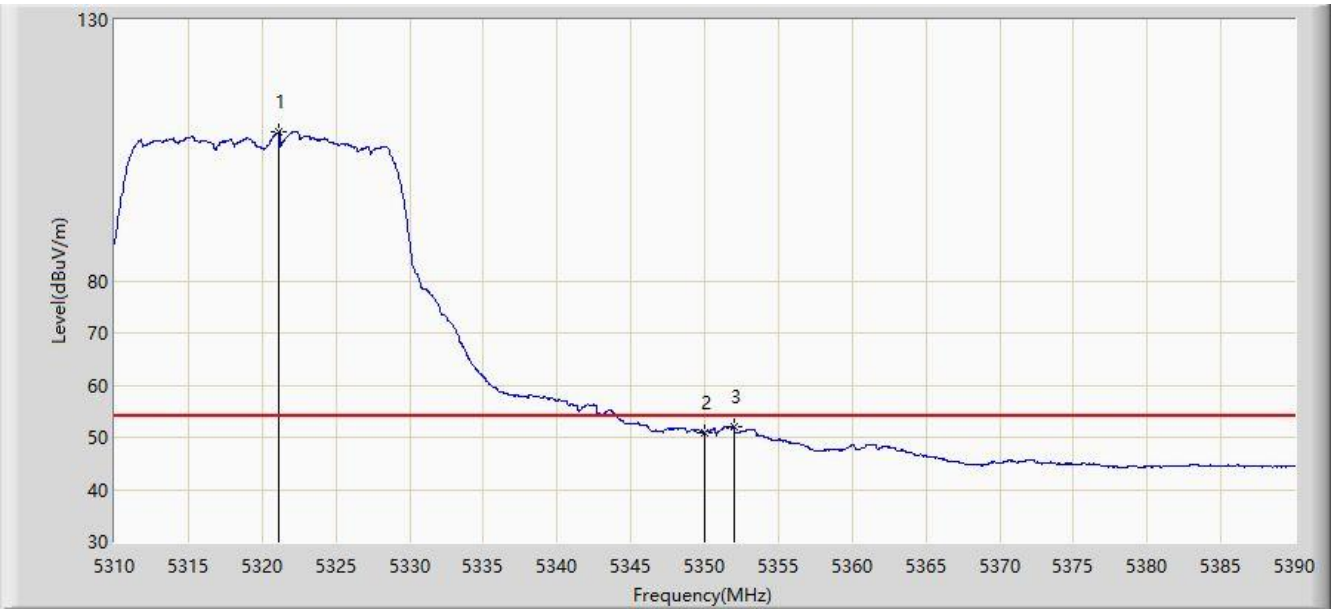


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.520	119.621	119.747	N/A	N/A	-0.125	PK
2			5350.000	62.737	62.656	-11.263	74.000	0.081	PK
3			5353.040	65.337	65.245	-8.663	74.000	0.091	PK

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

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

Site: AC2	Time: 2020/08/04 - 02:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz - CDD Mode	

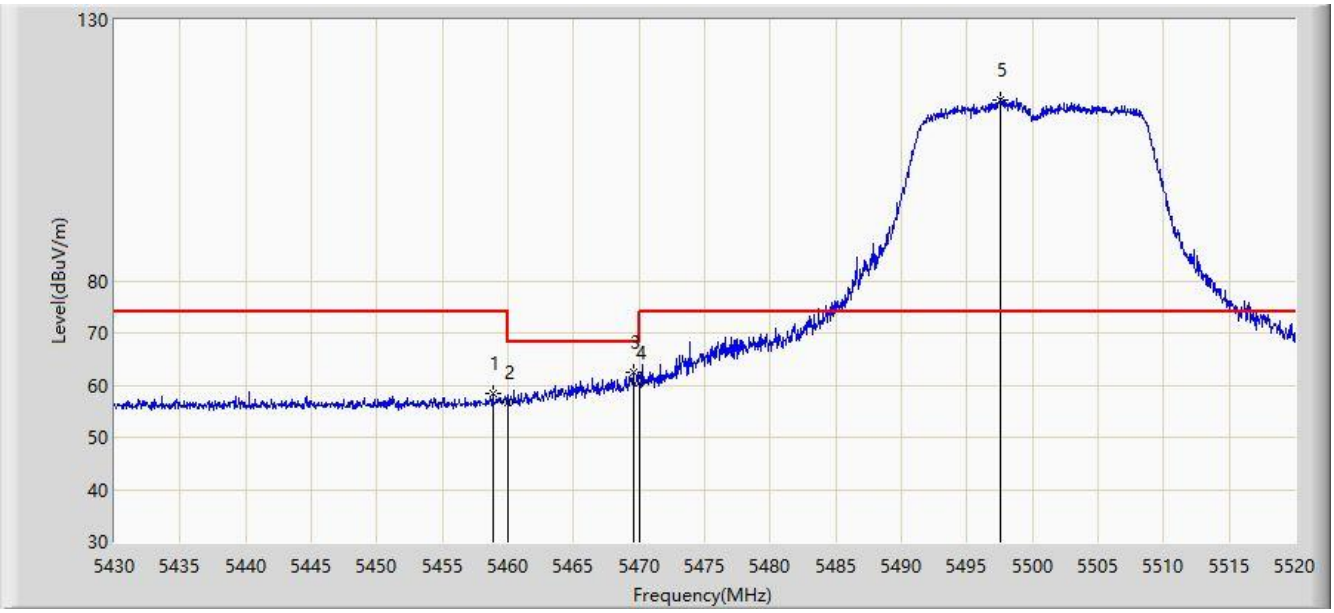


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	5321.080	108.481	108.599	N/A	N/A	-0.117	AV
2			5350.000	50.986	50.905	-3.014	54.000	0.081	AV
3			5351.960	52.069	51.975	-1.931	54.000	0.095	AV

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

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

Site: AC2	Time: 2020/08/04 - 02:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz - CDD Mode	

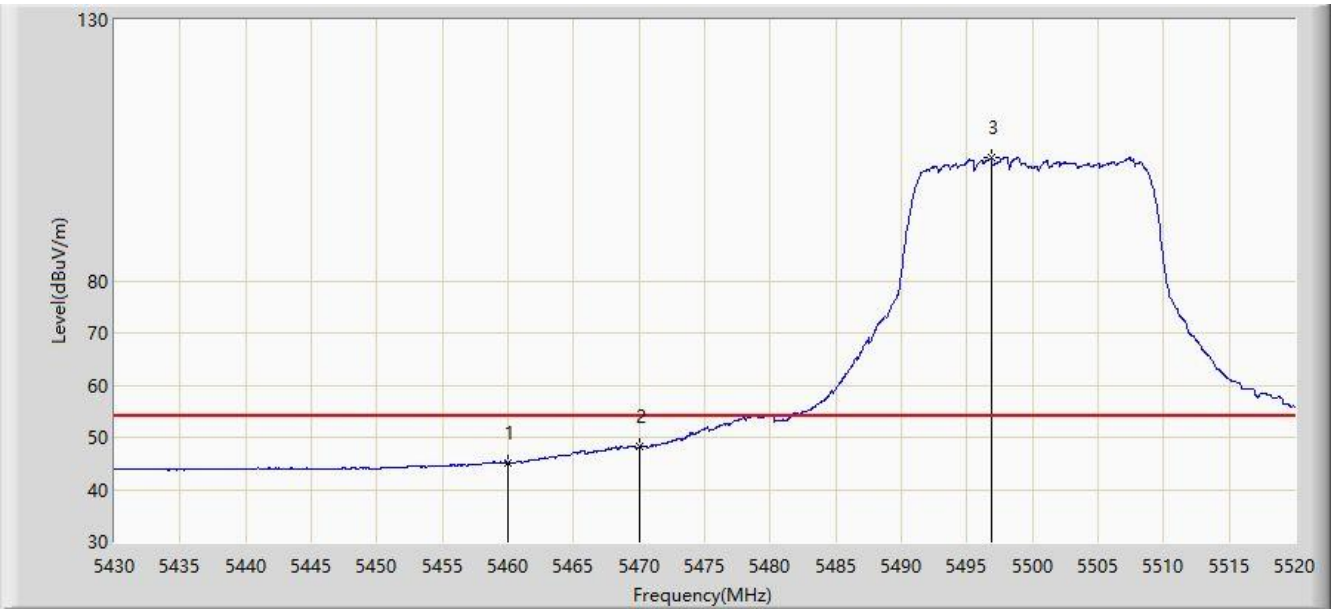


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.845	58.545	58.264	-15.455	74.000	0.281	PK
2			5460.000	56.749	56.470	-17.251	74.000	0.279	PK
3			5469.555	62.419	62.161	-5.781	68.200	0.258	PK
4			5470.000	60.291	60.034	-7.909	68.200	0.257	PK
5		*	5497.500	114.741	114.481	N/A	N/A	0.261	PK

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

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

Site: AC2	Time: 2020/08/04 - 02:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz - CDD Mode	

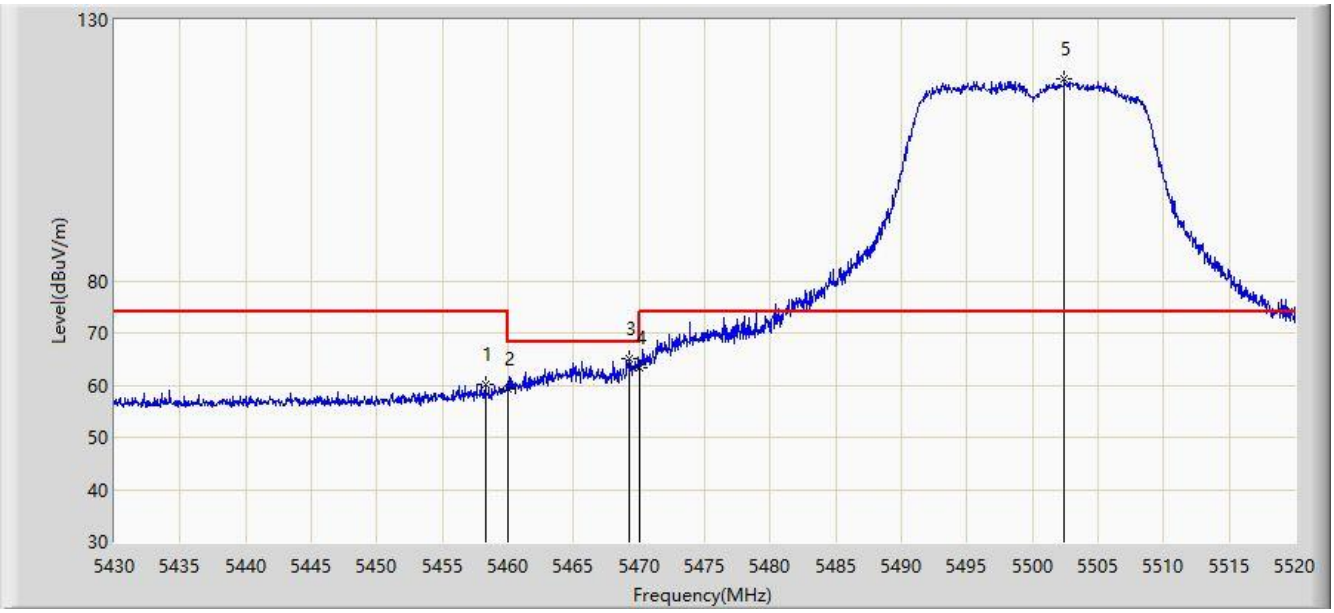


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	45.041	44.762	-8.959	54.000	0.279	AV
2			5470.000	48.129	47.872	-5.871	54.000	0.257	AV
3		*	5496.825	103.533	103.271	N/A	N/A	0.262	AV

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

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

Site: AC2	Time: 2020/08/04 - 02:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz - CDD Mode	

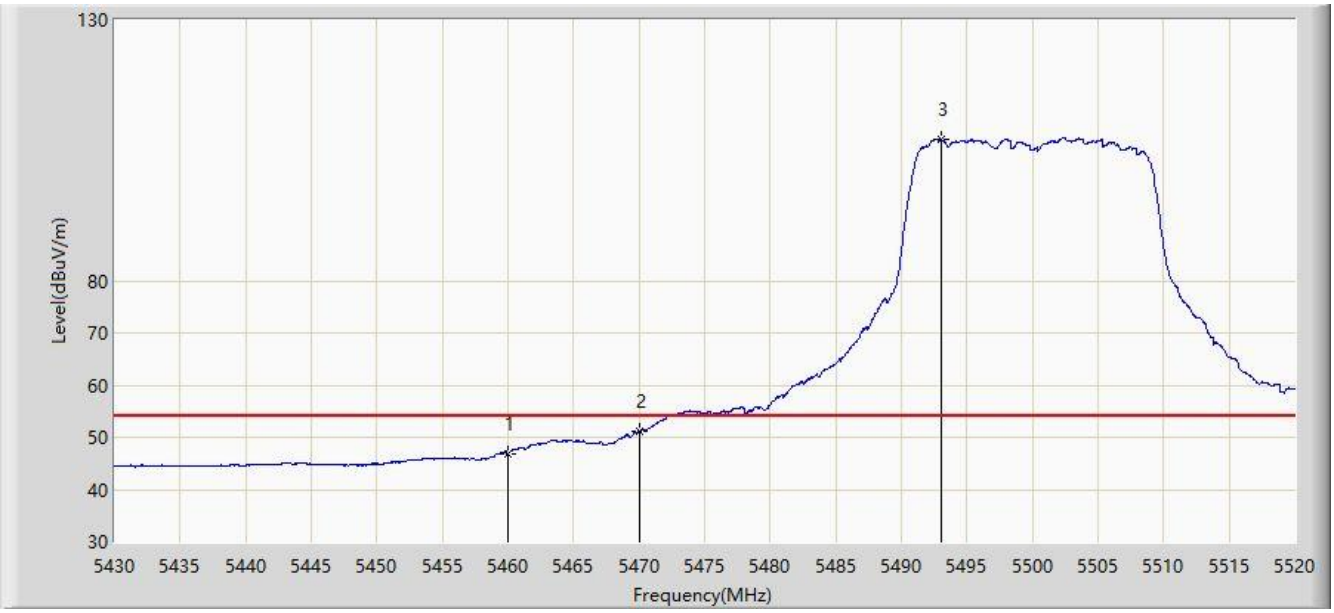


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.260	60.138	59.855	-13.862	74.000	0.283	PK
2			5460.000	59.135	58.856	-14.865	74.000	0.279	PK
3			5469.285	65.181	64.922	-3.019	68.200	0.258	PK
4			5470.000	63.370	63.113	-4.830	68.200	0.257	PK
5		*	5502.450	118.657	118.410	N/A	N/A	0.247	PK

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

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

Site: AC2	Time: 2020/08/04 - 02:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz - CDD Mode	

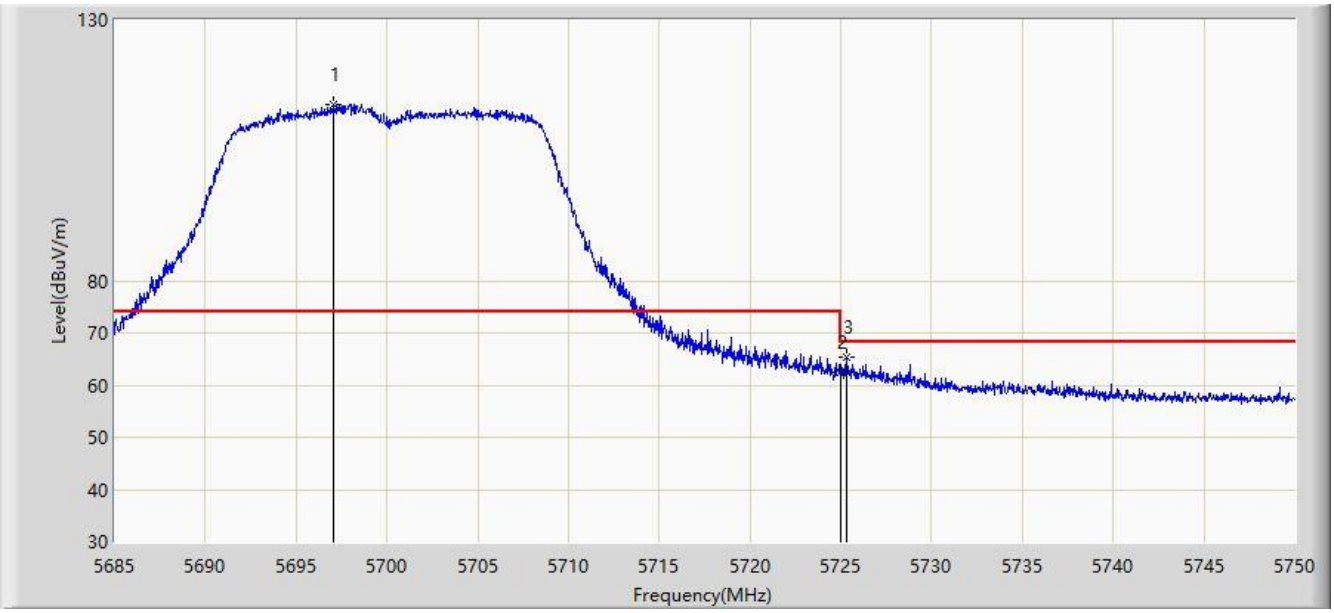


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.922	46.643	-7.078	54.000	0.279	AV
2			5470.000	51.187	50.930	-2.813	54.000	0.257	AV
3		*	5493.045	107.197	106.925	N/A	N/A	0.272	AV

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

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

Site: AC2	Time: 2020/08/04 - 03:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz - CDD Mode	

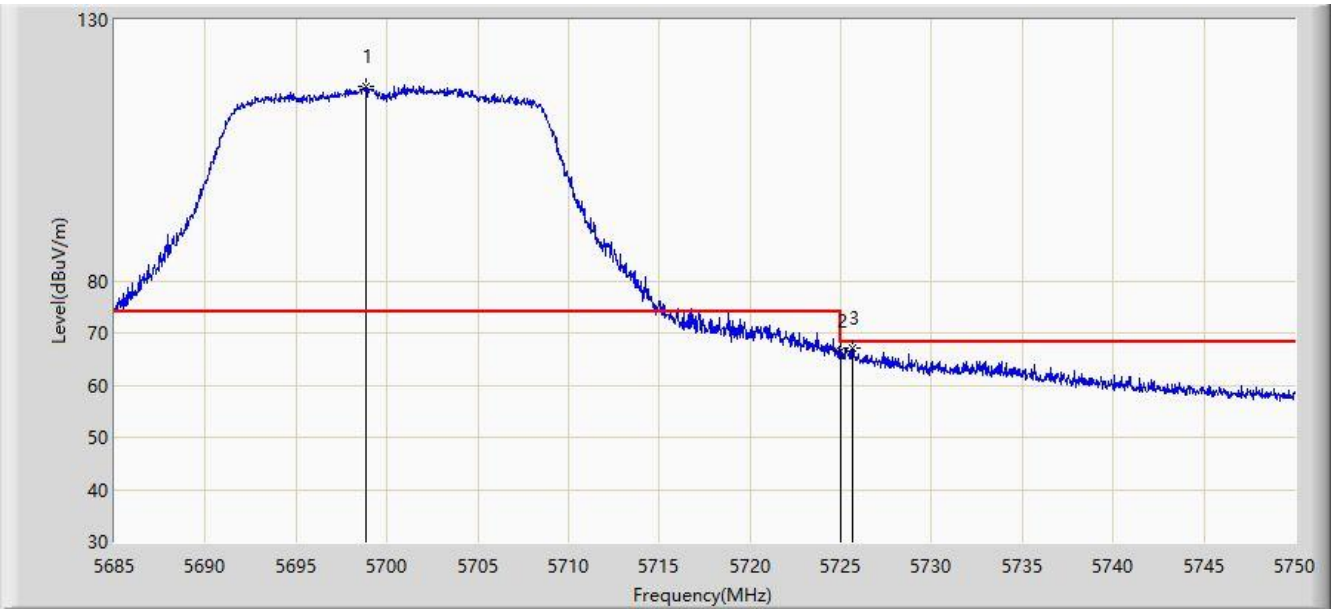


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5697.025	113.822	112.645	N/A	N/A	1.177	PK
2			5725.000	62.505	61.072	-5.695	68.200	1.433	PK
3			5725.333	65.363	63.934	-2.837	68.200	1.429	PK

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

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

Site: AC2	Time: 2020/08/04 - 03:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz - CDD Mode	

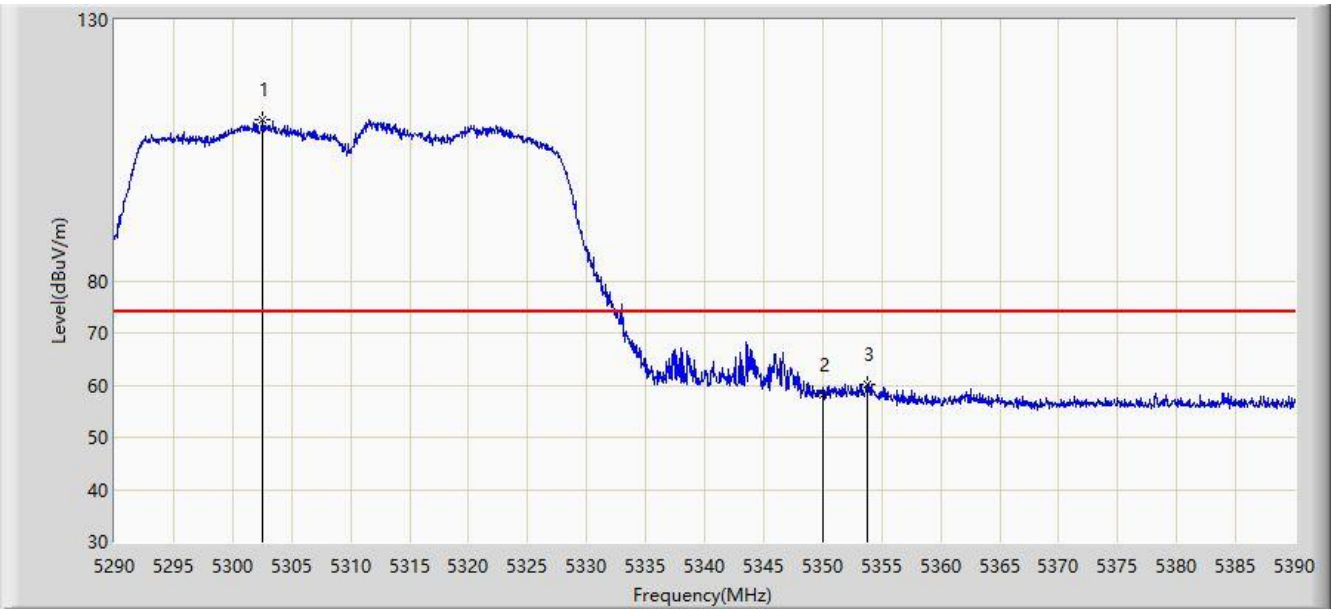


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5698.812	117.200	115.971	N/A	N/A	1.229	PK
2			5725.000	66.395	64.962	-1.805	68.200	1.433	PK
3			5725.625	67.157	65.731	-1.043	68.200	1.426	PK

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

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

Site: AC2	Time: 2020/08/04 - 03:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz - CDD Mode	

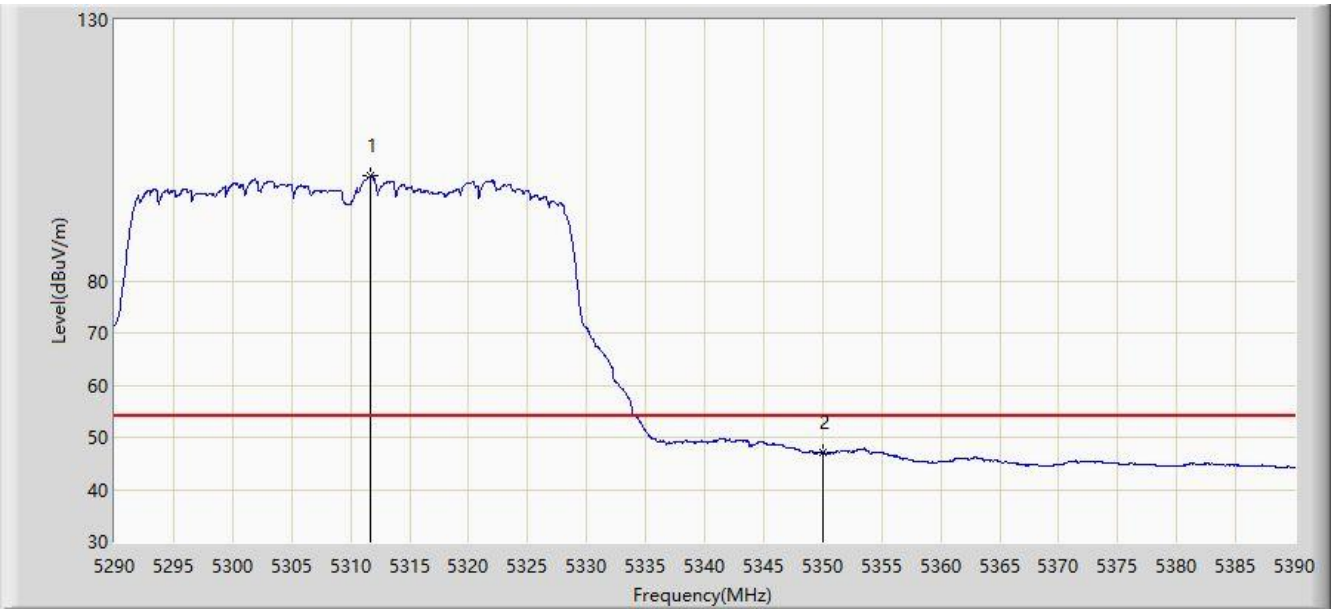


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5302.550	110.781	110.473	N/A	N/A	0.309	PK
2			5350.000	58.130	58.049	-15.870	74.000	0.081	PK
3			5353.800	60.255	60.166	-13.745	74.000	0.089	PK

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

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

Site: AC2	Time: 2020/08/04 - 03:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz - CDD Mode	

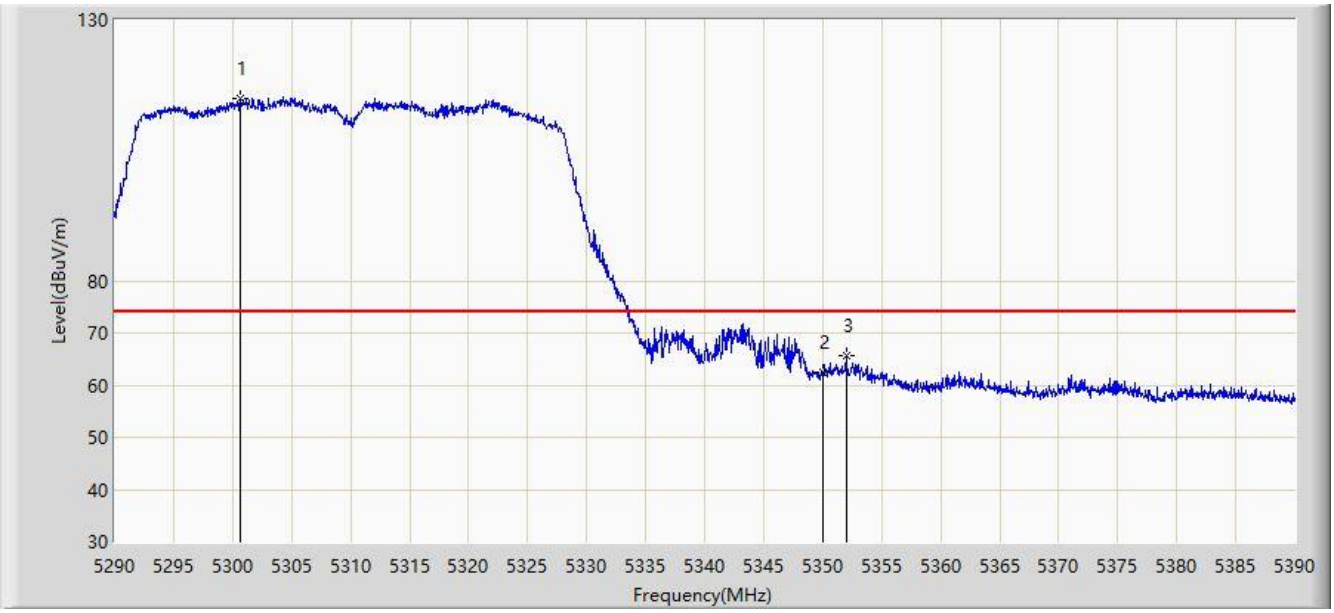


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5311.700	100.053	99.945	N/A	N/A	0.108	AV
2			5350.000	46.992	46.911	-7.008	54.000	0.081	AV

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

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

Site: AC2	Time: 2020/08/04 - 03:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz - CDD Mode	

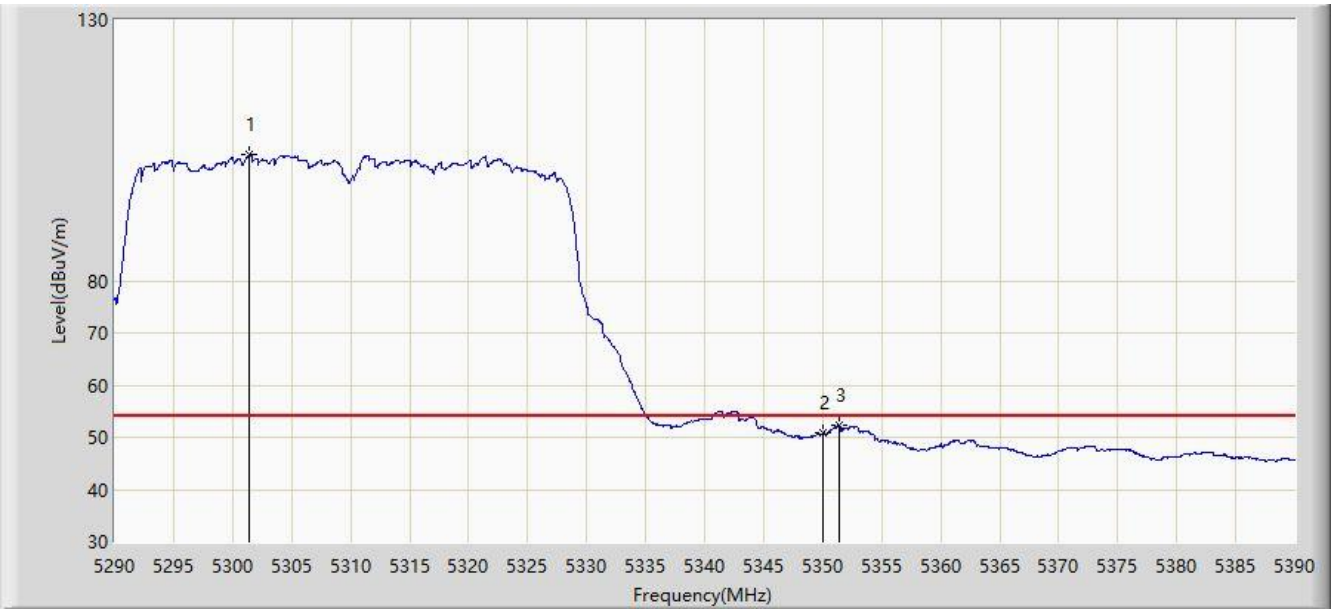


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5300.700	115.060	114.721	N/A	N/A	0.339	PK
2			5350.000	62.533	62.452	-11.467	74.000	0.081	PK
3			5352.000	65.754	65.659	-8.246	74.000	0.095	PK

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

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

Site: AC2	Time: 2020/08/04 - 03:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz - CDD Mode	

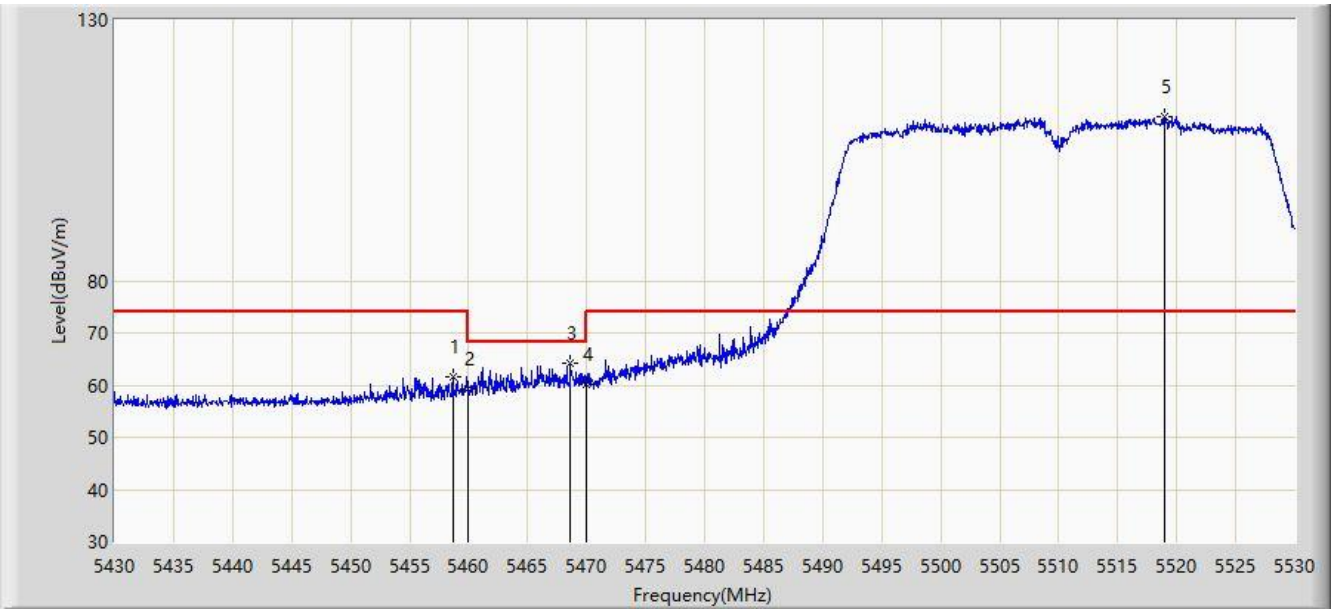


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5301.450	104.084	103.753	N/A	N/A	0.331	AV
2			5350.000	50.880	50.799	-3.120	54.000	0.081	AV
3			5351.450	52.355	52.264	-1.645	54.000	0.091	AV

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

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

Site: AC2	Time: 2020/08/04 - 03:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz - CDD Mode	

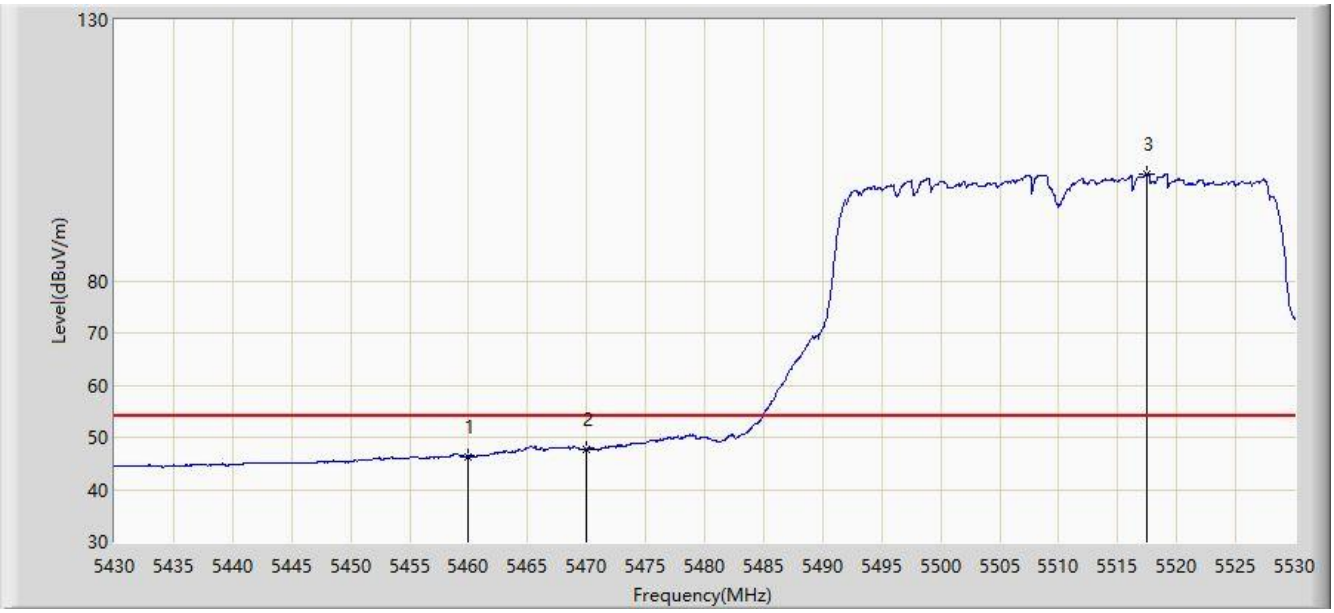


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.650	61.577	61.295	-12.423	74.000	0.282	PK
2			5460.000	59.137	58.858	-14.863	74.000	0.279	PK
3			5468.650	64.299	64.039	-3.901	68.200	0.260	PK
4			5470.000	60.100	59.843	-8.100	68.200	0.257	PK
5		*	5518.950	111.320	110.640	N/A	N/A	0.681	PK

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

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

Site: AC2	Time: 2020/08/04 - 03:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz - CDD Mode	

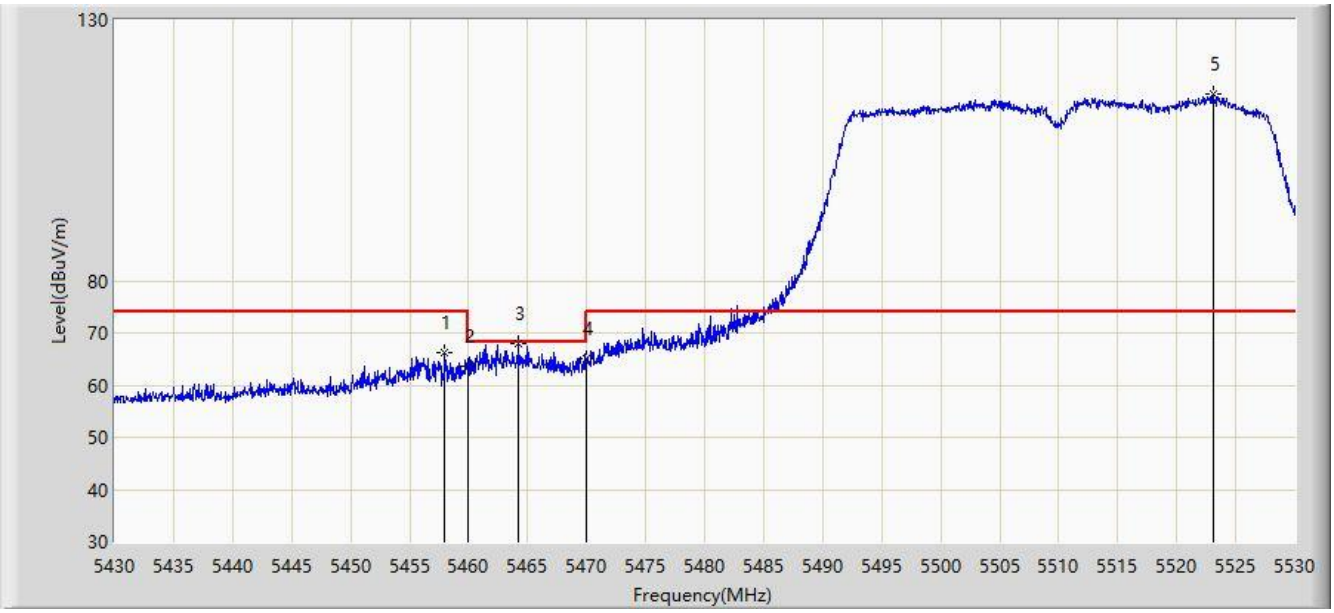


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.352	46.073	-7.648	54.000	0.279	AV
2			5470.000	47.702	47.445	-6.298	54.000	0.257	AV
3		*	5517.450	100.374	99.740	N/A	N/A	0.633	AV

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

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

Site: AC2	Time: 2020/08/04 - 03:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz - CDD Mode	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.000	66.231	65.948	-7.769	74.000	0.284	PK
2			5460.000	63.734	63.455	-10.266	74.000	0.279	PK
3			5464.250	67.828	67.558	-0.372	68.200	0.269	PK
4			5470.000	65.116	64.859	-3.084	68.200	0.257	PK
5		*	5523.150	115.657	114.880	N/A	N/A	0.777	PK

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

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