





















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

Product	GigaSpire BLAST	Test Engineer	Yuri Li
Test Date	2020/07/16	Test Site	TR3
Test Mode	5180MHz (Carrier frequency)		

Voltage	Power	Temp	Frequency Tolerance
(%)	(VAC)	(°C)	(ppm)
		- 30	-5.455
		- 20	-3.636
		- 10	0.000
		0	-3.636
100%	120	+ 10	-7.273
		+ 20 (Ref)	-3.636
		+ 30	-1.818
		+ 40	-1.818
		+ 50	-3.636
115%	138	+ 20	-3.636
85%	102	+ 20	-5.455

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



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

FCC Part 15 Subpart C Paragraph 15.209						
Frequency	Field Strength	Measured Distance				
[MHz]	[uV/m]	[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 \ge 98%, set VBW = 10 Hz.
- If the EUT duty cycle is < 98%, set VBW \ge 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:	36				
Remark:	1. Average measurement was no	t performed if peak l	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7434.5	32.8	8.2	41.0	74.0	-33.0	Peak	Horizontal
	8208.0	33.9	8.3	42.2	74.0	-31.8	Peak	Horizontal
*	8718.0	32.0	9.4	41.4	68.2	-26.8	Peak	Horizontal
*	9789.0	32.5	10.7	43.2	68.2	-25.0	Peak	Horizontal
	7502.5	32.2	8.0	40.2	74.0	-33.8	Peak	Vertical
	8106.0	34.9	9.1	44.0	74.0	-30.0	Peak	Vertical
*	8684.0	33.0	9.6	42.6	68.2	-25.6	Peak	Vertical
*	9636.0	34.4	10.5	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)

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:	44			
Remark:	1. Average measurement was no	ot 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	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7434.5	33.2	8.2	41.4	74.0	-32.6	Peak	Horizontal
	8301.5	33.0	8.4	41.4	74.0	-32.6	Peak	Horizontal
*	8692.5	32.5	9.6	42.1	68.2	-26.1	Peak	Horizontal
*	9704.0	33.5	10.8	44.3	68.2	-23.9	Peak	Horizontal
	7485.5	33.2	8.3	41.5	74.0	-32.5	Peak	Vertical
	8165.5	33.6	8.5	42.1	74.0	-31.9	Peak	Vertical
*	8692.5	32.6	9.6	42.2	68.2	-26.0	Peak	Vertical
*	9763.5	35.3	10.7	46.0	68.2	-22.2	Peak	Vertical

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (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:	48					
Remark:	1. Average measurement was no	ot performed if peak	level lower than average					
	limit.	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show							
	in the report.							

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7681.0	33.2	8.5	41.7	74.0	-32.3	Peak	Horizontal
	8089.0	34.7	9.0	43.7	74.0	-30.3	Peak	Horizontal
*	8667.0	32.6	9.6	42.2	68.2	-26.0	Peak	Horizontal
*	10001.5	34.0	11.2	45.2	68.2	-23.0	Peak	Horizontal
	7468.5	32.4	8.2	40.6	74.0	-33.4	Peak	Vertical
	8199.5	33.7	8.4	42.1	74.0	-31.9	Peak	Vertical
*	8743.5	33.3	9.9	43.2	68.2	-25.0	Peak	Vertical
*	10137.5	35.3	11.1	46.4	68.2	-21.8	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (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:	149					
Remark:	1. Average measurement was no	ot performed if peak l	evel lower than average					
	limit.							
	2. Other frequency was 20dB bel	ther frequency was 20dB below limit line within 1-18GHz, there is not show						
	in the report.	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7545.0	34.5	8.2	42.7	74.0	-31.3	Peak	Horizontal
	8174.0	34.4	8.6	43.0	74.0	-31.0	Peak	Horizontal
*	8760.5	33.5	10.1	43.6	68.2	-24.6	Peak	Horizontal
*	10137.5	34.1	11.1	45.2	68.2	-23.0	Peak	Horizontal
	7443.0	33.7	8.3	42.0	74.0	-32.0	Peak	Vertical
	8327.0	33.5	8.5	42.0	74.0	-32.0	Peak	Vertical
*	8837.0	31.5	9.8	41.3	68.2	-26.9	Peak	Vertical
*	9721.0	34.1	10.8	44.9	68.2	-23.3	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Toot Modo:	802.11a - Ant 0 + 1	Test Channel:	167				
lest Mode:	(CDD Mode)	Test Channel.	107				
Remark:	1. Average measurement was no	ot performed if peak l	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not sh						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7536.5	34.3	8.1	42.4	74.0	-31.6	Peak	Horizontal
	8191.0	34.3	8.5	42.8	74.0	-31.2	Peak	Horizontal
*	8692.5	32.4	9.6	42.0	68.2	-26.2	Peak	Horizontal
*	10154.5	34.3	11.4	45.7	68.2	-22.5	Peak	Horizontal
	7477.0	34.1	8.2	42.3	74.0	-31.7	Peak	Vertical
	8250.5	33.2	8.4	41.6	74.0	-32.4	Peak	Vertical
*	8820.0	31.6	9.8	41.4	68.2	-26.8	Peak	Vertical
*	9746.5	34.4	10.8	45.2	68.2	-23.0	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (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:	165					
Remark:	1. Average measurement was no	t performed if peak l	evel lower than average					
	limit.							
	2. Other frequency was 20dB bel	Other frequency was 20dB below limit line within 1-18GHz, there is not show						
	in the report.							

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7596.0	33.9	8.2	42.1	74.0	-31.9	Peak	Horizontal
	8293.0	33.4	8.4	41.8	74.0	-32.2	Peak	Horizontal
*	8803.0	32.4	10.0	42.4	68.2	-25.8	Peak	Horizontal
*	10324.5	32.9	12.7	45.6	68.2	-22.6	Peak	Horizontal
	7553.5	34.3	8.2	42.5	74.0	-31.5	Peak	Vertical
	8199.5	32.9	8.4	41.3	74.0	-32.7	Peak	Vertical
*	8752.0	33.1	10.1	43.2	68.2	-25.0	Peak	Vertical
*	9780.5	34.4	10.6	45.0	68.2	-23.2	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Test Meder	802.11n-HT20 - Ant 0 + 1 (CDD	Test Channel	20				
lest Mode:	ode)		30				
Remark:	1. Average measurement was no	t performed if peak l	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not a						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7655.5	38.8	10.1	48.9	74.0	-25.1	Peak	Horizontal
	8352.5	37.4	10.6	48.0	74.0	-26.0	Peak	Horizontal
*	8658.5	36.5	12.1	48.6	68.2	-19.6	Peak	Horizontal
*	9950.5	35.7	13.1	48.8	68.2	-19.4	Peak	Horizontal
	7468.5	38.0	10.7	48.7	74.0	-25.3	Peak	Vertical
	8242.0	36.8	10.7	47.5	74.0	-26.5	Peak	Vertical
*	8616.0	37.2	11.8	49.0	68.2	-19.2	Peak	Vertical
*	9993.0	35.9	13.5	49.4	68.2	-18.8	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Teat Made	802.11n-HT20 - Ant 0 + 1	Test Channel	44				
Test Mode:	(CDD Mode)	Test Channel:	44				
Remark:	1. Average measurement was no	ot performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not sh						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7689.5	38.3	10.5	48.8	74.0	-25.2	Peak	Horizontal
	8386.5	36.5	10.6	47.1	74.0	-26.9	Peak	Horizontal
*	8735.0	36.4	12.4	48.8	68.2	-19.4	Peak	Horizontal
*	9721.0	35.3	13.2	48.5	68.2	-19.7	Peak	Horizontal
	7375.0	37.8	10.1	47.9	74.0	-26.1	Peak	Vertical
	8097.5	37.7	11.5	49.2	74.0	-24.8	Peak	Vertical
*	8811.5	36.4	12.6	49.0	68.2	-19.2	Peak	Vertical
*	9721.0	35.6	13.2	48.8	68.2	-19.4	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Test Meder	802.11n-HT20 - Ant 0 + 1	Test Channel	40				
Test Mode:	(CDD Mode)	Test Channel:	48				
Remark:	1. Average measurement was no	t performed if peak l	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7443.0	37.6	10.7	48.3	74.0	-25.7	Peak	Horizontal
	8242.0	37.1	10.7	47.8	74.0	-26.2	Peak	Horizontal
*	8777.5	36.7	12.4	49.1	68.2	-19.1	Peak	Horizontal
*	9899.5	36.1	13.3	49.4	68.2	-18.8	Peak	Horizontal
	7451.5	37.8	10.7	48.5	74.0	-25.5	Peak	Vertical
	8199.5	37.4	10.6	48.0	74.0	-26.0	Peak	Vertical
*	8845.5	36.1	12.0	48.1	68.2	-20.1	Peak	Vertical
*	9814.5	35.6	13.2	48.8	68.2	-19.4	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Teat Made	802.11n-HT20 - Ant 0 + 1	Test Channel	140				
Test Mode:	(CDD Mode)	Test Channel:	149				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not s						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7681.0	37.2	10.7	47.9	74.0	-26.1	Peak	Horizontal
	8242.0	38.9	10.7	49.6	74.0	-24.4	Peak	Horizontal
*	8692.5	36.6	12.3	48.9	68.2	-19.3	Peak	Horizontal
*	9644.5	35.4	12.7	48.1	68.2	-20.1	Peak	Horizontal
	7681.0	37.0	10.7	47.7	74.0	-26.3	Peak	Vertical
	8242.0	37.2	10.7	47.9	74.0	-26.1	Peak	Vertical
*	8820.0	35.5	12.4	47.9	68.2	-20.3	Peak	Vertical
*	9712.5	35.1	13.2	48.3	68.2	-19.9	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Test Meder	802.11n-HT20 - Ant 0 + 1	Test Channel	157				
lest Mode:	(CDD Mode)	Test Channel:	157				
Remark:	1. Average measurement was no	ot performed if peak l	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is no						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7681.0	37.0	10.7	47.7	74.0	-26.3	Peak	Horizontal
	8242.0	37.2	10.7	47.9	74.0	-26.1	Peak	Horizontal
*	8820.0	35.5	12.4	47.9	68.2	-20.3	Peak	Horizontal
*	9712.5	35.1	13.2	48.3	68.2	-19.9	Peak	Horizontal
	7630.0	38.0	10.1	48.1	74.0	-25.9	Peak	Vertical
	8242.0	36.8	10.7	47.5	74.0	-26.5	Peak	Vertical
*	8658.5	35.9	12.1	48.0	68.2	-20.2	Peak	Vertical
*	9993.0	34.4	13.5	47.9	68.2	-20.3	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (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	Tost Channel:	165				
Test Mode:	(CDD Mode)	Test Channel.	105				
Remark:	1. Average measurement was no	ot performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not sh						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7460.0	37.2	10.7	47.9	74.0	-26.1	Peak	Horizontal
	8216.5	35.8	10.6	46.4	74.0	-27.6	Peak	Horizontal
*	8769.0	36.2	12.5	48.7	68.2	-19.5	Peak	Horizontal
*	9865.5	36.1	13.6	49.7	68.2	-18.5	Peak	Horizontal
*	7434.5	37.3	10.5	47.8	74.0	-26.2	Peak	Vertical
	8106.0	37.1	11.4	48.5	74.0	-25.5	Peak	Vertical
	8905.0	37.2	12.5	49.7	68.2	-18.5	Peak	Vertical
*	9865.5	36.2	13.6	49.8	68.2	-18.4	Peak	Vertical
	"+"		1 14 11 14				P 4	(0)

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Teat Made	802.11n-HT40 - Ant 0 + 1	Test Channel	20				
Test Mode:	(CDD Mode)	Test Channel:	38				
Remark:	1. Average measurement was no	ot performed if peak l	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7400.5	37.5	10.4	47.9	74.0	-26.1	Peak	Horizontal
	8267.5	37.2	10.6	47.8	74.0	-26.2	Peak	Horizontal
*	8777.5	35.9	12.4	48.3	68.2	-19.9	Peak	Horizontal
*	9704.0	34.7	12.9	47.6	68.2	-20.6	Peak	Horizontal
	7494.0	37.9	10.5	48.4	74.0	-25.6	Peak	Vertical
	8165.5	36.4	10.7	47.1	74.0	-26.9	Peak	Vertical
*	8735.0	36.2	12.4	48.6	68.2	-19.6	Peak	Vertical
*	10052.5	35.0	13.2	48.2	68.2	-20.0	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Test Meder	802.11n-HT40 - Ant 0 + 1	Test Channel	46				
Test Mode:	(CDD Mode)	Test Channel:					
Remark:	1. Average measurement was no	t performed if peak l	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7511.0	37.2	10.3	47.5	74.0	-26.5	Peak	Horizontal
	8131.5	35.4	10.9	46.3	74.0	-27.7	Peak	Horizontal
*	8769.0	35.6	12.5	48.1	68.2	-20.1	Peak	Horizontal
*	10129.0	35.2	14.0	49.2	68.2	-19.0	Peak	Horizontal
	7375.0	37.1	10.1	47.2	74.0	-26.8	Peak	Vertical
	8429.0	38.2	10.8	49.0	74.0	-25.0	Peak	Vertical
*	8998.5	36.1	12.3	48.4	68.2	-19.8	Peak	Vertical
*	10001.5	35.4	13.4	48.8	68.2	-19.4	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Test Meder	802.11n-HT40 - Ant 0 + 1	Test Chappel	151				
lest Mode:	(CDD Mode)	Test Channel:	121				
Remark:	1. Average measurement was no	ot performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not sl						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7621.5	38.2	10.2	48.4	74.0	-25.6	Peak	Horizontal
	8454.5	36.9	11.1	48.0	74.0	-26.0	Peak	Horizontal
*	8786.0	35.7	12.4	48.1	68.2	-20.1	Peak	Horizontal
*	10188.5	35.9	14.1	50.0	68.2	-18.2	Peak	Horizontal
	7434.5	37.7	10.5	48.2	74.0	-25.8	Peak	Vertical
	8327.0	36.8	10.4	47.2	74.0	-26.8	Peak	Vertical
*	8888.0	35.5	12.3	47.8	68.2	-20.4	Peak	Vertical
*	9738.0	35.5	13.2	48.7	68.2	-19.5	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (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	Test Chappel:	150				
Test Mode:	(CDD Mode)	Test Channel.	159				
Remark:	1. Average measurement was no	ot performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not s						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7536.5	37.0	10.5	47.5	74.0	-26.5	Peak	Horizontal
	8310.0	35.9	10.4	46.3	74.0	-27.7	Peak	Horizontal
*	8616.0	37.2	11.8	49.0	68.2	-19.2	Peak	Horizontal
*	9772.0	35.4	13.1	48.5	68.2	-19.7	Peak	Horizontal
	7494.0	37.5	10.5	48.0	74.0	-26.0	Peak	Vertical
	8310.0	36.1	10.4	46.5	74.0	-27.5	Peak	Vertical
*	8811.5	35.7	12.6	48.3	68.2	-19.9	Peak	Vertical
*	9823.0	35.9	13.2	49.1	68.2	-19.1	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Teat Made	802.11ac-VHT20 -	Test Channel	20				
Test Mode:	Ant 0 + 1 (CDD Mode)		30				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB bel	. Other frequency was 20dB below limit line within 1-18GHz, there is not s					
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7460.0	35.3	8.3	43.6	74.0	-30.4	Peak	Horizontal
	8191.0	33.9	8.5	42.4	74.0	-31.6	Peak	Horizontal
*	8743.5	32.8	9.9	42.7	68.2	-25.5	Peak	Horizontal
*	9729.5	34.6	10.8	45.4	68.2	-22.8	Peak	Horizontal
	7443.0	34.1	8.3	42.4	74.0	-31.6	Peak	Vertical
	8242.0	33.7	8.5	42.2	74.0	-31.8	Peak	Vertical
*	8760.5	32.0	10.1	42.1	68.2	-26.1	Peak	Vertical
*	10282.0	34.3	12.1	46.4	68.2	-21.8	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Teat Made	802.11ac-VHT20 -	Test Channel	44				
Test Mode:	Ant 0 + 1 (CDD Mode)		44				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7536.5	34.6	8.1	42.7	74.0	-31.3	Peak	Horizontal
	8335.5	32.9	8.5	41.4	74.0	-32.6	Peak	Horizontal
*	8760.5	33.8	10.1	43.9	68.2	-24.3	Peak	Horizontal
*	10256.5	33.5	12.1	45.6	68.2	-22.6	Peak	Horizontal
	7553.5	34.3	8.2	42.5	74.0	-31.5	Peak	Vertical
	8216.5	34.5	8.2	42.7	74.0	-31.3	Peak	Vertical
*	8667.0	33.6	9.6	43.2	68.2	-25.0	Peak	Vertical
*	10188.5	34.3	11.4	45.7	68.2	-22.5	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Teat Made	802.11ac-VHT20 -	Test Channel	40				
Test Mode:	Ant 0 + 1 (CDD Mode)		48				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7502.5	33.9	8.0	41.9	74.0	-32.1	Peak	Horizontal
	8327.0	31.9	8.5	40.4	74.0	-33.6	Peak	Horizontal
*	8811.5	32.2	9.9	42.1	68.2	-26.1	Peak	Horizontal
*	9780.5	35.1	10.6	45.7	68.2	-22.5	Peak	Horizontal
	7587.5	34.1	8.3	42.4	74.0	-31.6	Peak	Vertical
	8369.5	32.8	8.6	41.4	74.0	-32.6	Peak	Vertical
*	8760.5	33.5	10.1	43.6	68.2	-24.6	Peak	Vertical
*	10069.5	33.7	11.3	45.0	68.2	-23.2	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Teat Made	802.11ac-VHT20 -	Test Channel	140				
Test Mode:	Ant 0 + 1 (CDD Mode)		149				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7511.0	34.9	7.9	42.8	74.0	-31.2	Peak	Horizontal
	8191.0	34.3	8.5	42.8	74.0	-31.2	Peak	Horizontal
*	8769.0	32.2	10.1	42.3	68.2	-25.9	Peak	Horizontal
*	10248.0	33.6	11.9	45.5	68.2	-22.7	Peak	Horizontal
	7638.5	34.3	8.1	42.4	74.0	-31.6	Peak	Vertical
	8182.5	34.2	8.6	42.8	74.0	-31.2	Peak	Vertical
*	8692.5	33.4	9.6	43.0	68.2	-25.2	Peak	Vertical
*	10324.5	33.1	12.7	45.8	68.2	-22.4	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Teat Made	802.11ac-VHT20 -	Test Channel	457				
Test Mode:	Ant 0 + 1 (CDD Mode)		157				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not s						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7443.0	34.0	8.3	42.3	74.0	-31.7	Peak	Horizontal
	8301.5	33.8	8.4	42.2	74.0	-31.8	Peak	Horizontal
*	8769.0	32.5	10.1	42.6	68.2	-25.6	Peak	Horizontal
*	9797.5	34.7	10.7	45.4	68.2	-22.8	Peak	Horizontal
	7621.5	34.6	8.1	42.7	74.0	-31.3	Peak	Vertical
	8276.0	32.7	8.3	41.0	74.0	-33.0	Peak	Vertical
*	8735.0	34.0	9.8	43.8	68.2	-24.4	Peak	Vertical
*	10256.5	33.7	12.1	45.8	68.2	-22.4	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Teat Made	802.11ac-VHT20 -	Test Channel	405				
Test Mode:	Ant 0 + 1 (CDD Mode)		105				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7434.5	34.9	8.2	43.1	74.0	-30.9	Peak	Horizontal
	8242.0	33.8	8.5	42.3	74.0	-31.7	Peak	Horizontal
*	8692.5	33.7	9.6	43.3	68.2	-24.9	Peak	Horizontal
*	10231.0	34.9	11.7	46.6	68.2	-21.6	Peak	Horizontal
	7468.5	33.9	8.2	42.1	74.0	-31.9	Peak	Vertical
	8242.0	33.7	8.5	42.2	74.0	-31.8	Peak	Vertical
*	8675.5	34.2	9.5	43.7	68.2	-24.5	Peak	Vertical
*	9687.0	34.9	10.7	45.6	68.2	-22.6	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi					
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2					
Teat Made	802.11ac-VHT40 -	Test Channel						
lest Mode:	Ant 0 + 1 (CDD Mode)	Test Channel:	38					
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	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7477.0	37.2	10.6	47.8	74.0	-26.2	Peak	Horizontal
	8140.0	37.7	10.8	48.5	74.0	-25.5	Peak	Horizontal
*	8769.0	36.4	12.5	48.9	68.2	-19.3	Peak	Horizontal
*	9916.5	36.1	13.2	49.3	68.2	-18.9	Peak	Horizontal
	7511.0	37.6	10.3	47.9	74.0	-26.1	Peak	Vertical
	8395.0	37.4	10.8	48.2	74.0	-25.8	Peak	Vertical
*	8777.5	36.3	12.4	48.7	68.2	-19.5	Peak	Vertical
*	9721.0	35.2	13.2	48.4	68.2	-19.8	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi					
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2					
Test Meder	802.11ac-VHT40 -	Test Channel						
Test Mode:	Ant 0 + 1 (CDD Mode)	DD Mode)						
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	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7409.0	36.7	10.5	47.2	74.0	-26.8	Peak	Horizontal
	8174.0	36.1	10.8	46.9	74.0	-27.1	Peak	Horizontal
*	8607.5	35.6	11.6	47.2	68.2	-21.0	Peak	Horizontal
*	9687.0	35.8	12.6	48.4	68.2	-19.8	Peak	Horizontal
	7723.5	37.6	10.3	47.9	74.0	-26.1	Peak	Vertical
	8446.0	36.8	10.9	47.7	74.0	-26.3	Peak	Vertical
*	8769.0	35.4	12.5	47.9	68.2	-20.3	Peak	Vertical
*	9678.5	34.3	12.6	46.9	68.2	-21.3	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi					
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2					
Test Meder	802.11ac-VHT40 -	Test Channel						
Test Mode:	Ant 0 + 1 (CDD Mode)	Test Channel:	151					
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	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7681.0	37.3	10.7	48.0	74.0	-26.0	Peak	Horizontal
	8080.5	37.8	11.1	48.9	74.0	-25.1	Peak	Horizontal
*	8803.0	36.8	12.5	49.3	68.2	-18.9	Peak	Horizontal
*	10001.5	35.8	13.4	49.2	68.2	-19.0	Peak	Horizontal
	7468.5	37.7	10.7	48.4	74.0	-25.6	Peak	Vertical
	8097.5	36.5	11.5	48.0	74.0	-26.0	Peak	Vertical
*	8692.5	36.3	12.3	48.6	68.2	-19.6	Peak	Vertical
*	9908.0	35.3	13.3	48.6	68.2	-19.6	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi					
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2					
Teat Made	802.11ac-VHT40 -	Test Channel	159					
lest Mode:	Ant 0 + 1 (CDD Mode)	Test Channel:						
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	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7621.5	37.6	10.2	47.8	74.0	-26.2	Peak	Horizontal
	8276.0	37.2	10.4	47.6	74.0	-26.4	Peak	Horizontal
*	8854.0	35.5	12.1	47.6	68.2	-20.6	Peak	Horizontal
*	9874.0	35.2	13.8	49.0	68.2	-19.2	Peak	Horizontal
	7460.0	36.9	10.7	47.6	74.0	-26.4	Peak	Vertical
	8276.0	35.3	10.4	45.7	74.0	-28.3	Peak	Vertical
*	8786.0	35.4	12.4	47.8	68.2	-20.4	Peak	Vertical
*	9593.5	34.6	12.8	47.4	68.2	-20.8	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)


Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Test Meder	802.11ac-VHT80 -	Test Channel	40				
Test Mode:	Ant 0 + 1 (CDD Mode)		42				
Remark:	1. Average measurement was no	t performed if peak l	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there i						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7604.5	36.8	10.3	47.1	74.0	-26.9	Peak	Horizontal
	8344.0	36.4	10.6	47.0	74.0	-27.0	Peak	Horizontal
*	8735.0	35.5	12.4	47.9	68.2	-20.3	Peak	Horizontal
*	10426.5	36.3	15.2	51.5	68.2	-16.7	Peak	Horizontal
	7672.5	36.9	10.4	47.3	74.0	-26.7	Peak	Vertical
	8080.5	37.3	11.1	48.4	74.0	-25.6	Peak	Vertical
*	8735.0	34.8	12.4	47.2	68.2	-21.0	Peak	Vertical
*	9882.5	36.9	13.6	50.5	68.2	-17.7	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Teat Made	802.11ac-VHT80 -	Test Channel	455				
Test Mode:	Ant 0 + 1 (CDD Mode)	155					
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is no						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7443.0	37.3	10.7	48.0	74.0	-26.0	Peak	Horizontal
	8165.5	36.6	10.7	47.3	74.0	-26.7	Peak	Horizontal
*	8735.0	35.7	12.4	48.1	68.2	-20.1	Peak	Horizontal
*	9678.5	35.6	12.6	48.2	68.2	-20.0	Peak	Horizontal
	7587.5	37.0	10.5	47.5	74.0	-26.5	Peak	Vertical
	8165.5	37.1	10.7	47.8	74.0	-26.2	Peak	Vertical
*	8582.0	35.5	11.5	47.0	68.2	-21.2	Peak	Vertical
*	9857.0	35.8	13.4	49.2	68.2	-19.0	Peak	Vertical
1								

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Teat Made	802.11ax-HE20 -	Test Channel	20				
Test Mode:	Ant 0 + 1 (CDD Mode)		30				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7409.0	37.3	10.5	47.8	74.0	-26.2	Peak	Horizontal
	8063.5	37.9	11.0	48.9	74.0	-25.1	Peak	Horizontal
*	8709.5	37.6	12.1	49.7	68.2	-18.5	Peak	Horizontal
*	9721.0	35.0	13.2	48.2	68.2	-20.0	Peak	Horizontal
	7502.5	36.3	10.4	46.7	74.0	-27.3	Peak	Vertical
	8072.0	37.6	11.0	48.6	74.0	-25.4	Peak	Vertical
*	8769.0	36.7	12.5	49.2	68.2	-19.0	Peak	Vertical
*	9984.5	35.7	13.6	49.3	68.2	-18.9	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi					
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2					
Test Meder	802.11ax-HE20 -	Test Channel						
Test Mode:	Ant 0 + 1 (CDD Mode)	44						
Remark:	1. Average measurement was no	t performed if peak	evel lower than average					
	limit.							
	2. Other frequency was 20dB bel	2. Other frequency was 20dB below limit line within 1-18GHz, there is not						
	in the report.							

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7460.0	37.4	10.7	48.1	74.0	-25.9	Peak	Horizontal
	8029.5	37.0	10.9	47.9	74.0	-26.1	Peak	Horizontal
*	8735.0	37.2	12.4	49.6	68.2	-18.6	Peak	Horizontal
*	10163.0	36.5	13.6	50.1	68.2	-18.1	Peak	Horizontal
	7417.5	37.6	10.4	48.0	74.0	-26.0	Peak	Vertical
	8165.5	37.3	10.7	48.0	74.0	-26.0	Peak	Vertical
*	8811.5	35.7	12.6	48.3	68.2	-19.9	Peak	Vertical
*	9738.0	35.2	13.2	48.4	68.2	-19.8	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Teat Made	802.11ax-HE20 -	Test Channel	40				
Test Mode:	Ant 0 + 1 (CDD Mode)		4ŏ				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is n						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7689.5	37.5	10.5	48.0	74.0	-26.0	Peak	Horizontal
	8123.0	37.2	11.1	48.3	74.0	-25.7	Peak	Horizontal
*	8539.5	35.8	11.2	47.0	68.2	-21.2	Peak	Horizontal
*	9678.5	35.0	12.6	47.6	68.2	-20.6	Peak	Horizontal
	7468.5	37.3	10.7	48.0	74.0	-26.0	Peak	Vertical
	8046.5	38.0	11.1	49.1	74.0	-24.9	Peak	Vertical
*	8692.5	36.9	12.3	49.2	68.2	-19.0	Peak	Vertical
*	9772.0	35.0	13.1	48.1	68.2	-20.1	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Test Meder	802.11ax-HE20 -	Test Channel	140				
Test Mode:	Ant 0 + 1 (CDD Mode)	Test Channel:	149				
Remark:	1. Average measurement was no	t performed if peak l	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is r						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7417.5	37.3	10.4	47.7	74.0	-26.3	Peak	Horizontal
	8242.0	36.8	10.7	47.5	74.0	-26.5	Peak	Horizontal
*	8888.0	35.3	12.3	47.6	68.2	-20.6	Peak	Horizontal
*	9636.0	35.9	12.8	48.7	68.2	-19.5	Peak	Horizontal
	7468.5	37.3	10.7	48.0	74.0	-26.0	Peak	Vertical
	8233.5	37.3	10.6	47.9	74.0	-26.1	Peak	Vertical
*	8692.5	36.1	12.3	48.4	68.2	-19.8	Peak	Vertical
*	9593.5	34.7	12.8	47.5	68.2	-20.7	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (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	Test Channel:	157				
Test Mode:	Mode)	Test Channel.	157				
Remark:	1. Average measurement was no	ot performed if peak l	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not sho						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7681.0	36.4	10.7	47.1	74.0	-26.9	Peak	Horizontal
	8250.5	36.9	10.8	47.7	74.0	-26.3	Peak	Horizontal
*	8964.5	36.5	12.2	48.7	68.2	-19.5	Peak	Horizontal
*	9704.0	35.8	12.9	48.7	68.2	-19.5	Peak	Horizontal
	7681.0	36.7	10.7	47.4	74.0	-26.6	Peak	Vertical
	8344.0	37.0	10.6	47.6	74.0	-26.4	Peak	Vertical
*	8871.0	36.1	12.4	48.5	68.2	-19.7	Peak	Vertical
*	9840.0	35.1	13.4	48.5	68.2	-19.7	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Tost Modo:	802.11ax-HE20 - Ant 0 + 1 (CDD	Tost Channol:	165				
Test Mode:	Mode)	Test Channel.	105				
Remark:	1. Average measurement was no	t performed if peak l	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7638.5	37.8	10.1	47.9	74.0	-26.1	Peak	Horizontal
	8250.5	36.9	10.8	47.7	74.0	-26.3	Peak	Horizontal
*	8735.0	35.9	12.4	48.3	68.2	-19.9	Peak	Horizontal
*	9882.5	36.0	13.6	49.6	68.2	-18.6	Peak	Horizontal
	7689.5	37.5	10.5	48.0	74.0	-26.0	Peak	Vertical
	8233.5	37.3	10.6	47.9	74.0	-26.1	Peak	Vertical
*	8752.0	36.5	12.6	49.1	68.2	-19.1	Peak	Vertical
*	10018.5	36.2	13.3	49.5	68.2	-18.7	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi					
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2					
Test Meder	802.11ax-HE40 -	Test Channel	20					
Test Mode:	Ant 0 + 1 (CDD Mode)		38					
Remark:	1. Average measurement was no	ot performed if peak	evel lower than average					
	limit.							
	2. Other frequency was 20dB bel	. Other frequency was 20dB below limit line within 1-18GHz, there is not sh						
	in the report.							

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7545.0	36.8	10.7	47.5	74.0	-26.5	Peak	Horizontal
	8318.5	37.1	10.4	47.5	74.0	-26.5	Peak	Horizontal
*	8752.0	36.3	12.6	48.9	68.2	-19.3	Peak	Horizontal
*	10018.5	36.5	13.3	49.8	68.2	-18.4	Peak	Horizontal
	7613.0	37.1	10.2	47.3	74.0	-26.7	Peak	Vertical
	8242.0	36.9	10.7	47.6	74.0	-26.4	Peak	Vertical
*	8811.5	35.7	12.6	48.3	68.2	-19.9	Peak	Vertical
*	9517.0	37.0	13.1	50.1	68.2	-18.1	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Test Meder	802.11ax-HE40 -	Test Channel	46				
Test Mode:	Ant 0 + 1 (CDD Mode)		40				
Remark:	1. Average measurement was no	t performed if peak l	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7689.5	37.7	10.5	48.2	74.0	-25.8	Peak	Horizontal
	8454.5	37.0	11.1	48.1	74.0	-25.9	Peak	Horizontal
*	8735.0	35.9	12.4	48.3	68.2	-19.9	Peak	Horizontal
*	9772.0	34.8	13.1	47.9	68.2	-20.3	Peak	Horizontal
	7468.5	37.2	10.7	47.9	74.0	-26.1	Peak	Vertical
	8250.5	36.3	10.8	47.1	74.0	-26.9	Peak	Vertical
*	8658.5	36.0	12.1	48.1	68.2	-20.1	Peak	Vertical
*	9823.0	35.3	13.2	48.5	68.2	-19.7	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Teat Made	802.11ax-HE40 -	Test Channel	454				
Test Mode:	Ant 0 + 1 (CDD Mode)		191				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7485.5	37.8	10.5	48.3	74.0	-25.7	Peak	Horizontal
	8199.5	36.6	10.6	47.2	74.0	-26.8	Peak	Horizontal
*	8803.0	36.0	12.5	48.5	68.2	-19.7	Peak	Horizontal
*	10324.5	36.3	14.9	51.2	68.2	-17.0	Peak	Horizontal
	7655.5	37.5	10.1	47.6	74.0	-26.4	Peak	Vertical
	8174.0	37.6	10.8	48.4	74.0	-25.6	Peak	Vertical
*	8769.0	35.7	12.5	48.2	68.2	-20.0	Peak	Vertical
*	9874.0	35.7	13.8	49.5	68.2	-18.7	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Test Meder	802.11ax-HE40 -	Test Channel	450				
Test Mode:	Ant 0 + 1 (CDD Mode)	199					
Remark:	1. Average measurement was no	t performed if peak l	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is a						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7434.5	36.9	10.5	47.4	74.0	-26.6	Peak	Horizontal
	8182.5	37.6	10.7	48.3	74.0	-25.7	Peak	Horizontal
*	8888.0	35.2	12.3	47.5	68.2	-20.7	Peak	Horizontal
*	9916.5	34.2	13.2	47.4	68.2	-20.8	Peak	Horizontal
	7324.0	37.1	10.6	47.7	74.0	-26.3	Peak	Vertical
	8284.5	37.4	10.4	47.8	74.0	-26.2	Peak	Vertical
*	8616.0	36.7	11.8	48.5	68.2	-19.7	Peak	Vertical
*	9729.5	35.3	13.2	48.5	68.2	-19.7	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (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	Tost Channel:	42				
Test Mode:	Mode)	Test Channel.	42				
Remark:	1. Average measurement was no	t performed if peak l	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7655.5	35.8	11.4	47.2	74.0	-26.8	Peak	Horizontal
	8310.0	35.9	12.2	48.1	74.0	-25.9	Peak	Horizontal
*	9772.0	35.7	16.7	52.4	68.2	-15.8	Peak	Horizontal
*	17473.0	37.4	22.1	59.5	68.2	-8.7	Peak	Horizontal
	7468.5	36.7	11.8	48.5	74.0	-25.5	Peak	Vertical
	8165.5	36.0	12.4	48.4	74.0	-25.6	Peak	Vertical
*	9916.5	36.2	16.9	53.1	68.2	-15.1	Peak	Vertical
*	17269.0	37.3	20.5	57.8	68.2	-10.4	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/07/08 ~ 2020/07/14	Test Site	AC1 & AC2				
Teat Made	802.11ax-HE80 -	Test Channel	455				
Test Mode:	Ant 0 + 1 (CDD Mode)		155				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7494.0	36.9	10.5	47.4	74.0	-26.6	Peak	Horizontal
	8276.0	36.5	10.4	46.9	74.0	-27.1	Peak	Horizontal
*	8692.5	35.7	12.3	48.0	68.2	-20.2	Peak	Horizontal
*	9993.0	34.5	13.5	48.0	68.2	-20.2	Peak	Horizontal
	7392.0	38.3	10.3	48.6	74.0	-25.4	Peak	Vertical
	8199.5	37.3	10.6	47.9	74.0	-26.1	Peak	Vertical
*	8735.0	35.2	12.4	47.6	68.2	-20.6	Peak	Vertical
*	9814.5	33.6	13.2	46.8	68.2	-21.4	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi			
Test Date	2020/08/14	Test Site	AC2			
Teat Made	802.11ac-VHT20 -	Test Channel	20			
Test Mode:	Ant 0 + 1 (Beamforming Mode)		30			
Remark:	1. Average measurement was no	t performed if peak	evel lower than average			
	limit.					
	2. Other frequency was 20dB below limit line within 1-18GHz, there is no					
	in the report.					

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7494.0	34.3	8.2	42.5	74.0	-31.5	Peak	Horizontal
	8131.5	34.1	8.8	42.9	74.0	-31.1	Peak	Horizontal
*	8752.0	32.9	10.1	43.0	68.2	-25.2	Peak	Horizontal
*	9857.0	34.9	10.9	45.8	68.2	-22.4	Peak	Horizontal
	7536.5	31.9	8.1	40.0	74.0	-34.0	Peak	Vertical
	8284.5	34.2	8.4	42.6	74.0	-31.4	Peak	Vertical
*	8769.0	33.4	10.1	43.5	68.2	-24.7	Peak	Vertical
*	10392.5	34.2	12.5	46.7	68.2	-21.5	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi			
Test Date	2020/08/14	Test Site	AC2			
Teat Made	802.11ac-VHT20 -	Test Channel	44			
Test Mode:	Ant 0 + 1 (Beamforming Mode)	44				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average			
	limit.					
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not					
	in the report.					

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7315.5	34.2	8.2	42.4	74.0	-31.6	Peak	Horizontal
	8165.5	33.6	8.5	42.1	74.0	-31.9	Peak	Horizontal
*	8743.5	33.6	9.9	43.5	68.2	-24.7	Peak	Horizontal
*	9882.5	35.6	10.9	46.5	68.2	-21.7	Peak	Horizontal
	7332.5	34.4	8.1	42.5	74.0	-31.5	Peak	Vertical
	8165.5	34.8	8.5	43.3	74.0	-30.7	Peak	Vertical
*	8760.5	33.3	10.1	43.4	68.2	-24.8	Peak	Vertical
*	10299.0	33.9	12.3	46.2	68.2	-22.0	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/08/14	Test Site	AC2				
Teat Made	802.11ac-VHT20 -	Test Channel	40				
Test Mode:	Ant 0 + 1 (Beamforming Mode)		48				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7545.0	33.3	8.2	41.5	74.0	-32.5	Peak	Horizontal
	8267.5	33.7	8.3	42.0	74.0	-32.0	Peak	Horizontal
*	8896.5	33.7	10.0	43.7	68.2	-24.5	Peak	Horizontal
*	10146.0	34.1	11.1	45.2	68.2	-23.0	Peak	Horizontal
	7485.5	33.2	8.3	41.5	74.0	-32.5	Peak	Vertical
	8199.5	32.8	8.4	41.2	74.0	-32.8	Peak	Vertical
*	8760.5	33.1	10.1	43.2	68.2	-25.0	Peak	Vertical
*	9993.0	34.3	11.1	45.4	68.2	-22.8	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/08/14	Test Site	AC2				
Teat Made	802.11ac-VHT20 -	Test Channel	140				
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	149				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7553.5	33.6	8.2	41.8	74.0	-32.2	Peak	Horizontal
	8199.5	34.4	8.4	42.8	74.0	-31.2	Peak	Horizontal
*	8735.0	32.6	9.8	42.4	68.2	-25.8	Peak	Horizontal
*	9661.5	35.0	10.8	45.8	68.2	-22.4	Peak	Horizontal
	7451.5	34.2	8.3	42.5	74.0	-31.5	Peak	Vertical
	8301.5	32.4	8.4	40.8	74.0	-33.2	Peak	Vertical
*	8777.5	34.9	10.0	44.9	68.2	-23.3	Peak	Vertical
*	9857.0	33.9	10.9	44.8	68.2	-23.4	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/08/14	Test Site	AC2				
Teat Made	802.11ac-VHT20 -	Test Channel	457				
lest Mode:	Ant 0 + 1 (Beamforming Mode)	107					
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not s						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7545.0	32.9	8.2	41.1	74.0	-32.9	Peak	Horizontal
	8276.0	32.8	8.3	41.1	74.0	-32.9	Peak	Horizontal
*	8735.0	33.0	9.8	42.8	68.2	-25.4	Peak	Horizontal
*	10010.0	35.0	11.2	46.2	68.2	-22.0	Peak	Horizontal
	7443.0	33.2	8.3	41.5	74.0	-32.5	Peak	Vertical
	8250.5	34.6	8.4	43.0	74.0	-31.0	Peak	Vertical
*	8811.5	33.8	9.9	43.7	68.2	-24.5	Peak	Vertical
*	9848.5	34.2	10.9	45.1	68.2	-23.1	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/08/14	Test Site	AC2				
Teat Made	802.11ac-VHT20 -	Test Channel	405				
lest Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	105				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not sl						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7468.5	32.5	8.2	40.7	74.0	-33.3	Peak	Horizontal
	8276.0	35.2	8.3	43.5	74.0	-30.5	Peak	Horizontal
*	8743.5	33.2	9.9	43.1	68.2	-25.1	Peak	Horizontal
*	10384.0	34.6	12.5	47.1	68.2	-21.1	Peak	Horizontal
	7502.5	32.1	8.0	40.1	74.0	-33.9	Peak	Vertical
	8284.5	34.0	8.4	42.4	74.0	-31.6	Peak	Vertical
*	8769.0	33.3	10.1	43.4	68.2	-24.8	Peak	Vertical
*	9882.5	34.0	10.9	44.9	68.2	-23.3	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/08/14	Test Site	AC2				
Teat Made	802.11ac-VHT40 -	Test Channel	20				
Test Mode:	Ant 0 + 1 (Beamforming Mode)		38				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not sh						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7468.5	32.8	8.2	41.0	74.0	-33.0	Peak	Horizontal
	8267.5	34.2	8.3	42.5	74.0	-31.5	Peak	Horizontal
*	8794.5	33.3	10.0	43.3	68.2	-24.9	Peak	Horizontal
*	9814.5	35.1	10.7	45.8	68.2	-22.4	Peak	Horizontal
	7400.5	33.7	8.2	41.9	74.0	-32.1	Peak	Vertical
	8208.0	34.5	8.3	42.8	74.0	-31.2	Peak	Vertical
*	8743.5	33.7	9.9	43.6	68.2	-24.6	Peak	Vertical
*	9789.0	34.9	10.7	45.6	68.2	-22.6	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/08/14	Test Site	AC2				
Test Meder	802.11ac-VHT40 -	Test Channel	10				
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	40				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not s						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7519.5	33.1	7.9	41.0	74.0	-33.0	Peak	Horizontal
	8216.5	35.9	8.2	44.1	74.0	-29.9	Peak	Horizontal
*	8837.0	34.5	9.8	44.3	68.2	-23.9	Peak	Horizontal
*	9857.0	34.3	10.9	45.2	68.2	-23.0	Peak	Horizontal
	7511.0	32.2	7.9	40.1	74.0	-33.9	Peak	Vertical
	8276.0	33.6	8.3	41.9	74.0	-32.1	Peak	Vertical
*	8735.0	33.5	9.8	43.3	68.2	-24.9	Peak	Vertical
*	9848.5	34.8	10.9	45.7	68.2	-22.5	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/08/14	Test Site	AC2				
Test Meder	802.11ac-VHT40 -	Test Channel	454				
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	151				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not s						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7417.5	31.9	8.1	40.0	74.0	-34.0	Peak	Horizontal
	8276.0	33.0	8.3	41.3	74.0	-32.7	Peak	Horizontal
*	8735.0	32.5	9.8	42.3	68.2	-25.9	Peak	Horizontal
*	9865.5	35.0	10.9	45.9	68.2	-22.3	Peak	Horizontal
	7417.5	34.0	8.1	42.1	74.0	-31.9	Peak	Vertical
	8259.0	34.7	8.2	42.9	74.0	-31.1	Peak	Vertical
*	8803.0	33.5	10.0	43.5	68.2	-24.7	Peak	Vertical
*	9695.5	33.8	10.8	44.6	68.2	-23.6	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/08/14	Test Site	AC2				
Test Meder	802.11ac-VHT40 -	Test Channel	450				
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	159				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not s						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7502.5	32.9	8.0	40.9	74.0	-33.1	Peak	Horizontal
	8174.0	33.6	8.6	42.2	74.0	-31.8	Peak	Horizontal
*	8735.0	33.6	9.8	43.4	68.2	-24.8	Peak	Horizontal
*	9882.5	34.5	10.9	45.4	68.2	-22.8	Peak	Horizontal
	7485.5	34.4	8.3	42.7	74.0	-31.3	Peak	Vertical
	8199.5	33.8	8.4	42.2	74.0	-31.8	Peak	Vertical
*	8624.5	34.9	9.3	44.2	68.2	-24.0	Peak	Vertical
*	10239.5	33.8	11.8	45.6	68.2	-22.6	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/08/14	Test Site	AC2				
Teat Made	802.11ac-VHT80 -	Test Channel	10				
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	42				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not a						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7417.5	33.4	8.1	41.5	74.0	-32.5	Peak	Horizontal
	8106.0	34.3	9.1	43.4	74.0	-30.6	Peak	Horizontal
*	8769.0	33.6	10.1	43.7	68.2	-24.5	Peak	Horizontal
*	10350.0	33.6	12.6	46.2	68.2	-22.0	Peak	Horizontal
	7477.0	32.7	8.2	40.9	74.0	-33.1	Peak	Vertical
	8250.5	34.6	8.4	43.0	74.0	-31.0	Peak	Vertical
*	8760.5	33.8	10.1	43.9	68.2	-24.3	Peak	Vertical
*	9763.5	35.3	10.7	46.0	68.2	-22.2	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/08/14	Test Site	AC2				
Test Meder	802.11ac-VHT80 -	Test Channel	455				
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	155				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not s						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7545.0	34.3	8.2	42.5	74.0	-31.5	Peak	Horizontal
	8250.5	34.0	8.4	42.4	74.0	-31.6	Peak	Horizontal
*	8709.5	34.3	9.5	43.8	68.2	-24.4	Peak	Horizontal
*	9882.5	34.2	10.9	45.1	68.2	-23.1	Peak	Horizontal
	7494.0	33.0	8.2	41.2	74.0	-32.8	Peak	Vertical
	8301.5	34.9	8.4	43.3	74.0	-30.7	Peak	Vertical
*	8752.0	33.5	10.1	43.6	68.2	-24.6	Peak	Vertical
*	9967.5	34.3	11.4	45.7	68.2	-22.5	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/08/14	Test Site	AC2				
Test Meder	802.11ax-HE20 -	Test Channel	20				
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	36				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not s						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7545.0	33.2	8.2	41.4	74.0	-32.6	Peak	Horizontal
	8208.0	33.8	8.3	42.1	74.0	-31.9	Peak	Horizontal
*	8735.0	33.1	9.8	42.9	68.2	-25.3	Peak	Horizontal
*	10460.5	34.4	12.6	47.0	68.2	-21.2	Peak	Horizontal
	7477.0	32.9	8.2	41.1	74.0	-32.9	Peak	Vertical
	8276.0	32.8	8.3	41.1	74.0	-32.9	Peak	Vertical
*	8862.5	32.3	9.9	42.2	68.2	-26.0	Peak	Vertical
*	9814.5	35.4	10.7	46.1	68.2	-22.1	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/08/14	Test Site	AC2				
Test Meder	802.11ax-HE20 -	Test Channel					
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	44				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not a						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7477.0	33.6	8.2	41.8	74.0	-32.2	Peak	Horizontal
	8199.5	32.7	8.4	41.1	74.0	-32.9	Peak	Horizontal
*	8777.5	33.4	10.0	43.4	68.2	-24.8	Peak	Horizontal
*	9814.5	33.9	10.7	44.6	68.2	-23.6	Peak	Horizontal
	7519.5	32.4	7.9	40.3	74.0	-33.7	Peak	Vertical
	8199.5	33.4	8.4	41.8	74.0	-32.2	Peak	Vertical
*	8633.0	34.9	9.4	44.3	68.2	-23.9	Peak	Vertical
*	9942.0	33.5	10.9	44.4	68.2	-23.8	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/08/14	Test Site	AC2				
Test Meder	802.11ax-HE20 -	Test Channel	10				
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	48				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7502.5	32.4	8.0	40.4	74.0	-33.6	Peak	Horizontal
	8284.5	33.4	8.4	41.8	74.0	-32.2	Peak	Horizontal
*	8735.0	33.8	9.8	43.6	68.2	-24.6	Peak	Horizontal
*	10001.5	33.8	11.2	45.0	68.2	-23.2	Peak	Horizontal
	7502.5	33.7	8.0	41.7	74.0	-32.3	Peak	Vertical
	8216.5	33.2	8.2	41.4	74.0	-32.6	Peak	Vertical
*	8701.0	31.8	9.6	41.4	68.2	-26.8	Peak	Vertical
*	9806.0	34.9	10.7	45.6	68.2	-22.6	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/08/14	Test Site	AC2				
Test Meder	802.11ax-HE20 -	Test Channel	140				
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	149				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not a						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7502.5	32.8	8.0	40.8	74.0	-33.2	Peak	Horizontal
	8242.0	33.6	8.5	42.1	74.0	-31.9	Peak	Horizontal
*	8777.5	32.9	10.0	42.9	68.2	-25.3	Peak	Horizontal
*	9823.0	34.1	10.7	44.8	68.2	-23.4	Peak	Horizontal
	7468.5	33.0	8.2	41.2	74.0	-32.8	Peak	Vertical
	8242.0	34.4	8.5	42.9	74.0	-31.1	Peak	Vertical
*	8752.0	33.6	10.1	43.7	68.2	-24.5	Peak	Vertical
*	9831.5	33.7	10.8	44.5	68.2	-23.7	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi			
Test Date	2020/08/14	Test Site	AC2			
Test Meder	802.11ax-HE20 -	Test Channel	457			
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	157			
Remark:	1. Average measurement was no	t performed if peak	evel lower than average			
	limit.					
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show					
	in the report.					

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7468.5	33.1	8.2	41.3	74.0	-32.7	Peak	Horizontal
	8199.5	34.3	8.4	42.7	74.0	-31.3	Peak	Horizontal
*	8769.0	34.1	10.1	44.2	68.2	-24.0	Peak	Horizontal
*	9848.5	33.9	10.9	44.8	68.2	-23.4	Peak	Horizontal
	7443.0	34.0	8.3	42.3	74.0	-31.7	Peak	Vertical
	8208.0	34.2	8.3	42.5	74.0	-31.5	Peak	Vertical
*	8794.5	33.8	10.0	43.8	68.2	-24.4	Peak	Vertical
*	9891.0	34.5	11.0	45.5	68.2	-22.7	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi			
Test Date	2020/08/14	Test Site	AC2			
Test Meder	802.11ax-HE20 -	Test Channel	405			
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	165			
Remark:	1. Average measurement was no	t performed if peak	evel lower than average			
	limit.					
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show					
	in the report.					

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7460.0	33.2	8.3	41.5	74.0	-32.5	Peak	Horizontal
	8276.0	33.2	8.3	41.5	74.0	-32.5	Peak	Horizontal
*	8888.0	34.5	10.0	44.5	68.2	-23.7	Peak	Horizontal
*	9857.0	34.7	10.9	45.6	68.2	-22.6	Peak	Horizontal
	7545.0	32.4	8.2	40.6	74.0	-33.4	Peak	Vertical
	8182.5	34.6	8.6	43.2	74.0	-30.8	Peak	Vertical
*	8692.5	32.5	9.6	42.1	68.2	-26.1	Peak	Vertical
*	9823.0	34.8	10.7	45.5	68.2	-22.7	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi				
Test Date	2020/08/14	Test Site	AC2				
T (M)	802.11ax-HE40 -	T (OL)					
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	38				
Remark:	1. Average measurement was no	t performed if peak	evel lower than average				
	limit.						
	2. Other frequency was 20dB bel	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show					
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7511.0	31.9	7.9	39.8	74.0	-34.2	Peak	Horizontal
	8310.0	32.0	8.4	40.4	74.0	-33.6	Peak	Horizontal
*	8769.0	32.6	10.1	42.7	68.2	-25.5	Peak	Horizontal
*	10010.0	35.0	11.2	46.2	68.2	-22.0	Peak	Horizontal
	7460.0	32.8	8.3	41.1	74.0	-32.9	Peak	Vertical
	8242.0	33.8	8.5	42.3	74.0	-31.7	Peak	Vertical
*	8803.0	33.7	10.0	43.7	68.2	-24.5	Peak	Vertical
*	9857.0	33.3	10.9	44.2	68.2	-24.0	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi			
Test Date	2020/08/14	Test Site	AC2			
Teat Made	802.11ax-HE40 -	Test Channel	16			
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	40			
Remark:	1. Average measurement was no	t performed if peak	evel lower than average			
	limit.					
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show					
	in the report.					

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7477.0	32.6	8.2	40.8	74.0	-33.2	Peak	Horizontal
	8242.0	32.9	8.5	41.4	74.0	-32.6	Peak	Horizontal
*	8777.5	34.5	10.0	44.5	68.2	-23.7	Peak	Horizontal
*	9891.0	35.5	11.0	46.5	68.2	-21.7	Peak	Horizontal
	7485.5	32.8	8.3	41.1	74.0	-32.9	Peak	Vertical
	8259.0	33.8	8.2	42.0	74.0	-32.0	Peak	Vertical
*	8786.0	33.0	10.0	43.0	68.2	-25.2	Peak	Vertical
*	9823.0	34.4	10.7	45.1	68.2	-23.1	Peak	Vertical

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi			
Test Date	2020/08/14	Test Site	AC2			
Teat Made	802.11ax-HE40 -	Test Channel	454			
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	101			
Remark:	1. Average measurement was no	t performed if peak	evel lower than average			
	limit.					
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show					
	in the report.					

Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
	(dBµV)		(dBµV/m)				
7434.5	31.8	8.2	40.0	74.0	-34.0	Peak	Horizontal
8276.0	33.6	8.3	41.9	74.0	-32.1	Peak	Horizontal
8811.5	31.8	9.9	41.7	68.2	-26.5	Peak	Horizontal
9789.0	34.4	10.7	45.1	68.2	-23.1	Peak	Horizontal
7434.5	34.6	8.2	42.8	74.0	-31.2	Peak	Vertical
8259.0	32.8	8.2	41.0	74.0	-33.0	Peak	Vertical
8718.0	32.5	9.4	41.9	68.2	-26.3	Peak	Vertical
9840.0	33.6	10.9	44.5	68.2	-23.7	Peak	Vertical
	Frequency (MHz) 7434.5 8276.0 8811.5 9789.0 7434.5 8259.0 8718.0 9840.0	FrequencyReading(MHz)Level(dBµV)7434.531.88276.033.68811.531.89789.034.47434.534.68259.032.88718.032.59840.033.6	FrequencyReadingFactor(MHz)Level(dB)(dBµV)(dBµV)7434.531.88.28276.033.68.38811.531.89.99789.034.410.77434.534.68.28259.032.88.28718.032.59.49840.033.610.9	FrequencyReadingFactorMeasure(MHz)Level(dB)Level(dBμV)(dBμV/m)7434.531.88.240.08276.033.68.341.98811.531.89.941.79789.034.410.745.17434.534.68.242.88259.032.88.241.08718.032.59.441.99840.033.610.944.5	FrequencyReadingFactorMeasureLimit(MHz)Level(dB)Level(dBμV/m)(dBμV)(dBμV/m)(dBμV/m)7434.531.88.240.074.08276.033.68.341.974.08811.531.89.941.768.29789.034.410.745.168.27434.534.68.242.874.08259.032.88.241.074.08718.032.59.441.968.29840.033.610.944.568.2	FrequencyReadingFactorMeasureLimitMargin(MHz)Level(dB)Level(dBµV/m)(dB)(dBµV)(dBµV/m)(dBµV/m)(dB)7434.531.88.240.074.0-34.08276.033.68.341.974.0-32.18811.531.89.941.768.2-26.59789.034.410.745.168.2-23.17434.534.68.242.874.0-31.28259.032.88.241.074.0-33.08718.032.59.441.968.2-26.39840.033.610.944.568.2-23.7	FrequencyReadingFactorMeasureLimitMarginDetector(MHz)Level(dB)Level(dBµV/m)(dB)(dB)7434.531.88.240.074.0-34.0Peak8276.033.68.341.974.0-32.1Peak8811.531.89.941.768.2-26.5Peak9789.034.410.745.168.2-23.1Peak7434.534.68.242.874.0-31.2Peak8259.032.88.241.074.0-33.0Peak8718.032.59.441.968.2-26.3Peak9840.033.610.944.568.2-23.7Peak

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi			
Test Date	2020/08/14	Test Site	AC2			
T (M)	802.11ax-HE40 -	T (OL)	450			
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	159			
Remark:	1. Average measurement was no	t performed if peak	evel lower than average			
	limit.					
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show					
	in the report.					

. requertey	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
	(dBµV)		(dBµV/m)				
7417.5	32.8	8.1	40.9	74.0	-33.1	Peak	Horizontal
8191.0	34.6	8.5	43.1	74.0	-30.9	Peak	Horizontal
8845.5	33.7	9.9	43.6	68.2	-24.6	Peak	Horizontal
9916.5	34.2	11.0	45.2	68.2	-23.0	Peak	Horizontal
7443.0	33.5	8.3	41.8	74.0	-32.2	Peak	Vertical
8276.0	33.7	8.3	42.0	74.0	-32.0	Peak	Vertical
8760.5	33.0	10.1	43.1	68.2	-25.1	Peak	Vertical
10069.5	34.6	11.3	45.9	68.2	-22.3	Peak	Vertical
	(MHz) 7417.5 8191.0 8845.5 9916.5 7443.0 8276.0 8760.5 10069.5	(MHz) Level (dBµV) 7417.5 32.8 8191.0 34.6 8845.5 33.7 9916.5 34.2 7443.0 33.5 8276.0 33.7 8760.5 33.0 10069.5 34.6	(MHz)Level (dBµV)(dB)7417.532.88.18191.034.68.58845.533.79.99916.534.211.07443.033.58.38276.033.78.38760.533.010.110069.534.611.3	(MHz)Level (dBµV)(dB)Level (dBµV/m)7417.532.88.140.98191.034.68.543.18845.533.79.943.69916.534.211.045.27443.033.58.341.88276.033.78.342.08760.533.010.143.110069.534.611.345.9	(MHz)Level (dBµV)(dB)Level (dBµV/m)(dBµV/m)7417.532.88.140.974.08191.034.68.543.174.08845.533.79.943.668.29916.534.211.045.268.27443.033.58.341.874.08276.033.78.342.074.08760.533.010.143.168.210069.534.611.345.968.2	(MHz)Level (dBµV)(dB)Level (dBµV/m)(dBµV/m)(dB)7417.532.88.140.974.0-33.18191.034.68.543.174.0-30.98845.533.79.943.668.2-24.69916.534.211.045.268.2-23.07443.033.58.341.874.0-32.28276.033.78.342.074.0-32.08760.533.010.143.168.2-25.110069.534.611.345.968.2-22.3	(MHz)Level (dBµV)(dB)Level (dBµV/m)(dBµV/m)(dB)7417.532.88.140.974.0-33.1Peak8191.034.68.543.174.0-30.9Peak8845.533.79.943.668.2-24.6Peak9916.534.211.045.268.2-23.0Peak7443.033.58.341.874.0-32.2Peak8276.033.78.342.074.0-32.0Peak8760.533.010.143.168.2-25.1Peak10069.534.611.345.968.2-22.3Peak

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)


Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/08/14	Test Site	AC2
Test Meder	802.11ax-HE80 -	Test Channel	42
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	
Remark:	1. Average measurement was no	t performed if peak	evel lower than average
	limit.		
	2. Other frequency was 20dB bel	ow limit line within 1	-18GHz, there is not show
	in the report.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7502.5	32.8	8.0	40.8	74.0	-33.2	Peak	Horizontal
	8242.0	32.9	8.5	41.4	74.0	-32.6	Peak	Horizontal
*	8820.0	34.1	9.8	43.9	68.2	-24.3	Peak	Horizontal
*	9967.5	34.3	11.4	45.7	68.2	-22.5	Peak	Horizontal
	7468.5	33.2	8.2	41.4	74.0	-32.6	Peak	Vertical
	8242.0	33.9	8.5	42.4	74.0	-31.6	Peak	Vertical
*	8743.5	32.3	9.9	42.2	68.2	-26.0	Peak	Vertical
*	9789.0	34.3	10.7	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)



Product	GigaSpire BLAST	Test Engineer	Buter Shi
Test Date	2020/08/14	Test Site	AC2
T (M)	802.11ax-HE80 -	T (OL)	155
Test Mode:	Ant 0 + 1 (Beamforming Mode)	Test Channel:	
Remark:	1. Average measurement was no	t performed if peak	evel lower than average
	limit.		
	2. Other frequency was 20dB bel	ow limit line within 1	-18GHz, there is not show
	in the report.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
	7468.5	33.6	8.2	41.8	74.0	-32.2	Peak	Horizontal
	8208.0	34.8	8.3	43.1	74.0	-30.9	Peak	Horizontal
*	8786.0	33.8	10.0	43.8	68.2	-24.4	Peak	Horizontal
*	9976.0	34.9	11.4	46.3	68.2	-21.9	Peak	Horizontal
	7477.0	33.6	8.2	41.8	74.0	-32.2	Peak	Vertical
	8182.5	34.5	8.6	43.1	74.0	-30.9	Peak	Vertical
*	8752.0	33.3	10.1	43.4	68.2	-24.8	Peak	Vertical
*	9797.5	34.8	10.7	45.5	68.2	-22.7	Peak	Vertical

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

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (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	Measure	Reading	Margin	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)		
				(dBuV/m)	(dBuV)				
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 $(dB\mu V/m) = Reading Level (dB\mu V) + Factor (dB)$

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	Measure	Reading	Margin	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)		
				(dBuV/m)	(dBuV)				
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 (dB μ V/m) = Reading Level (dB μ V) + 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 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

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

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with

both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

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

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

For 15.407(b) requirement:

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

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

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

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



FCC Part 15 Subpart C Paragraph 15.209								
Frequency	Field Strength	Measured Distance						
[MHz]	[uV/m]	[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 \ge 98%, set VBW \le RBW/100 (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is < 98%, set VBW \ge 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					Т	Time: 2020/06/26 - 12:49			
Limi	t: FCC	_Part15	_RE(3m)		E	ngineer: Hyd	e Yu		
Prot	be: AC2	2_BBHA	\9120D_1-18	GHz	P	olarity: Horiz	ontal		
EUT	: Giga	Spire BL	AST		P	ower: AC 120	0V/60Hz		
Test	Mode:	Transn	nit by 802.11a	a at Channel	5180MHz - C	DD Mode			
Level(dBuV/m)	130 80 70 60 50 40 30 5110	5115 5	1120 5125 513	0 5135 5140	2 5145 5150 5 Freque	1155 5160 516 ncy(MHz)	5 5170 5175	5180 5185 5	190 5195 5200
No	Flag	Mark	Frequency	Measure	Reading	Margin	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5149.780	60.298	59.898	-13.702	74.000	0.400	PK
2			5150.000	58.790	58.388	-15.210	74.000	0.402	РК
3		*	5176.510	112.092	111.700	N/A	N/A	0.392	PK

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



Site: AC2	Time: 2020/06/26 - 12:50
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz





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



Site: AC2	Time: 2020/06/26 - 12:46						
Limit: FCC_Part15_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 5180MHz - CDD Mode							
130							



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



Limit: FCC_Part15_RE(3m) Engineer: Hyde Yu Probe: AC2_BBHA9120D_1-18GHz Polarity: Vertical ELIT: CigaSpire BLAST Power: AC 120\//60Hz	Site: AC2	Time: 2020/06/26 - 12:44
Probe: AC2_BBHA9120D_1-18GHz Polarity: Vertical	Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu
	Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
Fowel. AC 1207/60HZ	EUT: GigaSpire BLAST	Power: AC 120V/60Hz



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



Site	: AC2				-	Time: 2020/06	/26 - 13:45				
Limi	it: FCC	_Part15	5.407_RE(3m)		Engineer: Hyde Yu					
Prot	be: AC2	2_BBHA	\9120D_1-18	GHz		Polarity: Horizontal					
EUT	T: Giga	Spire Bl	LAST			Power: AC 120	0V/60Hz				
Test	t Mode:	: Transn	nit by 802.11a	a at Channel	5745MHz -	CDD Mode					
Level(dBuV/m)	130 80 70 60 40 30 5600	5610	5620 5630 5	640 5650 56	44	2 4-4/4-44-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-	жилани ³ ин 19 0 5710 5720	5730 5740	5750 5765		
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Туре		
1			5650.000	60.736	59.363	-7.464	68.200	1.373	PK		
2			5700.000	76.166	74.902	-29.034	105.200	1.264	PK		
3			5720.000	89.766	88.304	-21.034	110.800	1.462	PK		
4			5725.000	96.582	95.149	-25.618	122.200	1.433	PK		
5		*	5744.210	116.905	115.499	N/A	N/A	1.406	PK		

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



Site: AC2	Time: 2020/06/26 - 13:47
Limit: FCC_Part15.407_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 5745MHz - CDD Mode



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



Site: AC2	Time: 2020/06/26 - 14:07
Limit: ECC_Part15_407_RF(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz



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

58.224

5925.000

*

5

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

56.155

-9.976

68.200

2.069



Site: AC2	Time: 2020/06/26 - 14:10
Limit: FCC_Part15.407_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 5825MHz - CDD Mode



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

58.599

5925.000

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

56.530

-9.601

68.200

2.069



Site: AC2	Time: 2020/07/12 - 12:33
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz



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

110.322

5176.915

*

3

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

109.935

N/A

N/A

0.387



No

1

2

5110

Flag

5115

Mark

*

5120

5125

Frequency

5150.000

5176.690

(MHz)

5130

5185

5180

Factor

(dB)

0.402

0.389

5175

Limit

(dBuV/m)

54.000

N/A

5190

Туре

AV

AV

5195 5200

Site: AC2	Time: 2020/07/12 - 12:52				
Limit: FCC_Part15_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 518	30MHz - CDD Mode				
	2 mitrum				
80					
<u>ق</u> 70					
60					
50 1					
40					

5150 5155 5160 5165 5170

Margin

-8.408

N/A

(dB)

Frequency(MHz)

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

45.592

5135 5140

Measure

(dBuV/m)

Level

5145

Reading

Level

(dBuV)

45.190

99.384



Site	: AC2	2 Time: 2020/07/12 - 12:54								
Limit: FCC_Part15_RE(3m)					E	Engineer: Hyde Yu				
Probe: AC2_BBHA9120D_1-18GHz				P	olarity: Vertic	al				
EUT: GigaSpire BLAST					P	ower: AC 120)V/60Hz			
Test	Mode	Transn	nit by 802.11r	n-HT20 at Ch	annel 5180M	Hz - CDD Mo	ode			
130 (U) (U) (U) (U) (U) (U) (U) (U)								5190 5195 5200		
	Frequency(MHz)							-		
No	⊢lag	Mark	Frequency	Measure	Reading	Margin		Factor	Туре	
			(MHz)		Level	(dB)	(dBuV/m)	(dB)		
				(dBuV/m)	(dBuV)					
1			5148.835	66.868	66.476	-7.132	74.000	0.392	PK	
2			5150.000	64.603	64.201	-9.397	74.000	0.402	PK	

N/A

N/A

0.376

ΡK

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

118.779

5177.860

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

118.402



Site	AC2				Т	Time: 2020/07/12 - 12:53				
Limit: FCC_Part15_RE(3m)				E	Engineer: Hyde Yu					
Probe: AC2_BBHA9120D_1-18GHz				Р	olarity: Vertic	al				
EUT	: Giga	Spire Bl	AST		Р	ower: AC 120	0V/60Hz			
Test	Mode	Transn	nit by 802.11r	n-HT20 at Ch	annel 5180M	IHz - CDD Mo	ode			
130 2 (W) RB 2 70 0 60 1 60 1 60 1 50 1 40 1 5110 5115 5120 5125 5130 5135 5160 5165 5170 5175 5180 5185 5190 5195										
14	5110	5115 5	120 5125 513	0 5135 5140	5145 5150 5 Freque	ncy(MHz)	5 5170 5175	5180 5185 5	190 5195 5200	
No	Flag	Mark	Frequency	Measure	Reading	Margin	Limit	Factor	Туре	
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)		
				(dBuV/m)	(dBuV)					
1			5150.000	52.072	51.670	-1.928	54.000	0.402	AV	
2		*	5181.955	108.123	107.793	N/A	N/A	0.330	AV	

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



Site	: AC2				Т	Time: 2020/07/12 - 13:15					
Limi	t: FCC	_Part15	5.407_RE(3m)	E	Engineer: Hyde Yu					
Prol	be: AC2	2_BBHA	\9120D_1-18	GHz	P	Polarity: Horizontal					
EUT	: Giga	Spire Bl	_AST		P	ower: AC 120	0V/60Hz				
Test	Mode:	Transn	nit by 802.11r	n-HT20 at Ch	annel 5745N	IHz - CDD Mo	ode				
Level(dBuV/m)	130 (U) (U) (U) (U) (U) (U) (U) (U) (U) (U)										
No	Flag	Mark	Frequency	Moasuro	Reading	Margin	Limit	Eactor	Type		
	i iay	Wark	(MH ₇)			(dB)	(dBu\//m)	(dB)	iyhe		
				(dBuV/m)	(dBuV)	(ub)	(aba v/m)	(ub)			
1			5650.000	56.570	55.197	-11.630	68.200	1.373	PK		
2			5700.000	55.864	54.600	-49.336	105.200	1.264	РК		
3			5720.000	61.036	59.574	-49.764	110.800	1.462	PK		
4			5725.000	63.032	61.599	-59.168	122.200	1.433	PK		
5		*	5748.005	112.145	110.650	N/A	N/A	1.495	PK		

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



Site: AC2	Time: 2020/07/12 - 13:17
Limit: FCC_Part15.407_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 5745MHz - CDD Mode



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

117.769

5746.685

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

116.305

N/A

N/A

1.464



5

Site: AC2	Time: 2020/07/12 - 13:19
Limit: FCC_Part15.407_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 5825MHz - CDD Mode



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

55.383

5875.000

5925.000

*

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

53.512

55.226

-49.817

-10.905

105.200

68.200

1.872

2.069

ΡK



Site: AC2	Time: 2020/07/12 - 13:21
Limit: FCC_Part15.407_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 5825MHz - CDD Mode



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

58.367

5925.000

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

56.298

-9.833

68.200

2.069



	-
Site: AC2	Time: 2020/07/12 - 13:46
Limit: FCC_Part15_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 5190MHz - CDD Mode



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

105.278

5191.350

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

104.989

N/A

N/A

0.289



Site: AC2	Time: 2020/07/12 - 13:45				
imit: FCC_Part15_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 5190MHz - CDD Mode					
120					



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



3

Site: AC2	Time: 2020/07/12 - 13:49
Limit: FCC_Part15_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 5190MHz - CDD Mode



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

64.576

114.883

5150.000

5186.500

*

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

64.174

114.575

-9.424

N/A

74.000

N/A

0.402

0.307

ΡK



*

Site: AC2	Time: 2020/07/12 - 13:43
Limit: FCC_Part15_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 5190MHz - CDD Mode



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

104.010

5197.400

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

103.746

N/A

N/A

0.264

AV



Site: AC2			Т	Time: 2020/07/12 - 14:21					
Limit: FCC_Part15.407_RE(3m)					E	Engineer: Hyde Yu Polarity: Horizontal Power: AC 120V/60Hz			
Probe: AC2_BBHA9120D_1-18GHz				F					
EUT: GigaSpire BLAST			F						
Test	Mode:	Transn	nit by 802.11r	n-HT40 at Ch	annel 5755M	1Hz - CDD M	ode		
I evel(rdRuV/m)	130 80 70 60 40 30 5600	and is the frame of the	15625	5650	5675		4 3 4 5725	5750	5775
13	5000		5025	5050	Freque	ency(MHz)	5725	5150	5//5
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Туре
1		*	5650.000	56.627	55.254	-11.573	68.200	1.373	PK
2			5700.000	59.851	58.587	-45.349	105.200	1.264	PK
3			5720.000	66.663	65.201	-44.137	110.800	1.462	РК
4			5725.000	72.636	71.203	-49.564	122.200	1.433	РК
5			5752.950	109.476	107.864	N/A	N/A	1.612	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: 2020/07/12 - 14:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
	•



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



5

Site: AC2	Time: 2020/07/12 - 14:27
Limit: FCC_Part15.407_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 5795MHz - CDD Mode



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

56.480

55.857

5875.000

5925.000

*

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

54.609

53.788

-48.720

-12.343

105.200

68.200

1.872

2.069

ΡK



Site: AC2	Time: 2020/07/12 - 14:28
Limit: FCC_Part15.407_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 5795MHz - CDD Mode



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

56.466

5925.000

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

54.397

-11.734

68.200

2.069



Site: AC2	Time: 2020/06/26 - 14:32	
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu	
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal	
EUT: GigaSpire BLAST	Power: AC 120V/60Hz	



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



	-	
Site: AC2	Time: 2020/06/26 - 14:33	
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu	
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal	
EUT: GigaSpire BLAST	Power: AC 120V/60Hz	



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



Site: AC2	Time: 2020/06/26 - 14:31
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz



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



Site: AC2	Time: 2020/06/26 - 14:27
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz
Test Mode: Transmit by 802 11ac V/HT20 at Channel 5180MHz CDD Mode	



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


Site	: AC2				Т	ïme: 2020/06	/26 - 15:08		
Limit: FCC_Part15.407_RE(3m)				E	Engineer: Hyde Yu				
Probe: AC2_BBHA9120D_1-18GHz				P	olarity: Horiz	ontal			
EUT	: Giga	Spire Bl	AST		P	ower: AC 120)V/60Hz		
Test	Mode	Transn	nit by 802.11a	ac-VHT20 at	Channel 574	5MHz - CDD	Mode		
Level(dBuV/m)	130 80 70 60 60 60 60 60 60 60 60 60 60 60 60 60	5610	5620 5630 5	1 	160 5670 568 Freque	2 Martin Martin Martin Martin Martin Martin 30 5690 5700 ncy(MHz)	3. Mar Mar Mar Mar Mar Mar Mar Mar Mar Mar	5730 5740	5750 5765
No	Flag	Mark	Frequency (MHz)	Measure Level	Reading Level	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Туре
1			5650.000	(aBUV/M)		9.490	68 200	1 272	פע
2			5700.000	72.050	71 605	-0.400	105.200	1.373	
2			5700.000	12.909	07.000	-32.241	105.200	1.204	
3			5720.000	89.382	87.920	-21.418	110.800	1.462	PK
4			5725.000	96.729	95.296	-25.471	122.200	1.433	PK
5		*	5743.303	116.599	115.214	N/A	N/A	1.386	PK

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



Site: AC2	Time: 2020/06/26 - 15:10
Limit: FCC_Part15.407_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz

Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz - CDD Mode



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



5

Time: 2020/06/26 - 15:13
Engineer: Hyde Yu
Polarity: Horizontal
Power: AC 120V/60Hz

Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz - CDD Mode



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

56.775

59.160

5875.000

5925.000

*

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

54.904

57.091

-48.425

-9.040

105.200

68.200

1.872

2.069

ΡK



Site: AC2	Time: 2020/06/26 - 15:14
Limit ECC Part15 407 RE(3m)	Engineer: Hyde Yu
	Engineer: Hyde Ta
Droho: AC2 DDUA0120D 1 19CUz	Belarity: Vartical
	Polanty. Venical
EUT: GIGASPIRE BLAST	Power: AC 120V/60HZ

Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz - CDD Mode



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

58.415

5925.000

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

56.346

-9.785

68.200

2.069



Site: AC2	Time: 2020/06/26 - 15:50			
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu			
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal			
EUT: GigaSpire BLAST	Power: AC 120V/60Hz			

Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz - CDD Mode



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

107.196

5186.250

*

3

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

106.887

N/A

N/A

0.310



	-				
Site: AC2	Time: 2020/06/26 - 15:51				
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu				
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: GigaSpire BLAST	Power: AC 120V/60Hz				

Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz - CDD Mode



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



Site: AC2	Time: 2020/06/26 - 15:49			
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu			
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical			
EUT: GigaSpire BLAST	Power: AC 120V/60Hz			
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz - CDD Mode				



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



Site: AC2	Time: 2020/06/26 - 15:47			
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu			
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical			
EUT: GigaSpire BLAST	Power: AC 120V/60Hz			

Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz - CDD Mode



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



Site: AC2	Time: 2020/06/26 - 16:43			
Limit: FCC_Part15.407_RE(3m)	Engineer: Hyde Yu			
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal			
EUT: GigaSpire BLAST	Power: AC 120V/60Hz			

Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz - CDD Mode



No	Flag	Mark	Frequency	Measure	Reading	Margin	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	5650.000	57.986	56.613	-10.214	68.200	1.373	PK
2			5700.000	70.059	68.795	-35.141	105.200	1.264	PK
3			5720.000	80.868	79.406	-29.932	110.800	1.462	PK
4			5725.000	85.007	83.574	-37.193	122.200	1.433	PK
5			5756.538	111.633	109.937	N/A	N/A	1.696	PK

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



Site: AC2	Time: 2020/06/26 - 16:47			
Limit: FCC_Part15.407_RE(3m)	Engineer: Hyde Yu			
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical			
EUT: GigaSpire BLAST	Power: AC 120V/60Hz			

Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz - CDD Mode



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



Site: AC2	Time: 2020/06/26 - 17:03
Limit: FCC_Part15.407_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz

Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz - CDD Mode



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

5925.000

*

5

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

57.040

-9.091

68.200

2.069



Site: AC2	Time: 2020/06/26 - 17:04
Limit: FCC_Part15.407_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz

Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz - CDD Mode



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



Site: AC2	Time: 2020/06/27 - 11:40			
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu			
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal			
EUT: GigaSpire BLAST	Power: AC 120V/60Hz			

Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz - CDD Mode



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



*

Site: AC2	Time: 2020/06/27 - 11:41
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz

Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz - CDD Mode



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

90.449

5205.775

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

90.313

N/A

N/A

0.136

AV



Site: AC2	Time: 2020/06/27 - 11:39
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz

Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz - CDD Mode



1		5137.600	66.260	65.973	-7.740	74.000	0.287	PK
2		5150.000	64.245	63.843	-9.755	74.000	0.402	PK
3	*	5198.125	109.690	109.428	N/A	N/A	0.261	PK

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



3

Site: AC2	Time: 2020/06/27 - 11:33
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz

Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz - CDD Mode



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

53.067

99.184

5150.000

5208.475

*

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

52.665

99.103

-0.933

N/A

54.000

N/A

0.402

0.081

AV

AV



Site: AC2	Time: 2020/06/27 - 12:17
Limit: FCC_Part15.407_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz

Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz - CDD Mode



No	Flag	Mark	Frequency	Measure	Reading	Margin	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	5639.000	59.848	58.691	-8.352	68.200	1.157	PK
2			5650.000	58.000	56.627	-10.200	68.200	1.373	PK
3			5700.000	69.153	67.889	-36.047	105.200	1.264	PK
4			5720.000	71.195	69.733	-39.605	110.800	1.462	PK
5			5725.000	68.356	66.923	-53.844	122.200	1.433	PK
6			5781.000	105.866	104.123	N/A	N/A	1.743	PK
7			5850.000	70.588	68.795	-51.612	122.200	1.792	PK
8			5855.000	67.287	65.485	-43.513	110.800	1.802	PK
9			5875.000	60.527	58.656	-44.673	105.200	1.872	PK
10			5925.000	56.892	54.823	-11.308	68.200	2.069	PK
11			5937.600	57.841	55.820	-10.359	68.200	2.021	PK

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



Site: AC2	Time: 2020/06/27 - 12:15
Limit: FCC_Part15.407_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: GigaSpire BLAST	Power: AC 120V/60Hz

Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz - CDD Mode



No	Flag	Mark	Frequency	Measure	Reading	Margin	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	5633.400	66.541	65.459	-1.659	68.200	1.083	PK
2			5650.000	66.028	64.655	-2.172	68.200	1.373	PK
3			5720.000	79.275	77.813	-31.525	110.800	1.462	PK
4			5725.000	79.643	78.210	-42.557	122.200	1.433	PK
5			5767.000	112.941	111.161	N/A	N/A	1.780	PK
6			5850.000	77.935	76.142	-44.265	122.200	1.792	PK
7			5855.000	74.944	73.142	-35.856	110.800	1.802	PK
8			5875.000	71.038	69.167	-34.162	105.200	1.872	PK
9			5925.000	61.568	59.499	-6.632	68.200	2.069	PK
10			5936.200	61.821	59.791	-6.379	68.200	2.030	PK

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



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Site: AC2	Time: 2020/06/27 - 12:51
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz

Test Mode: Transmit by 802.11ax-HE20 at Channel 5180MHz - CDD Mode



N/A

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



Site: AC2	Time: 2020/06/27 - 12:49
Limit: FCC_Part15_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: GigaSpire BLAST	Power: AC 120V/60Hz

Test Mode: Transmit by 802.11ax-HE20 at Channel 5180MHz - CDD Mode



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