FCC PART 15.407

TEST REPORT

For

Shanghai Xiangcheng Communication Technology Co.,Ltd

6th Floor, Building 10, No.3000 Longdong Avenue, Pudong New District, Shanghai, China

FCC ID: 2A2UUP8S

Report Type:	Product Name:
Original Report	SumUp Terminal

Report Number:	RKSA240808001-00D
Report Date:	2025-05-16
Reviewed By:	Bard Liu
Approved By:	Kyle Xu
Prepared By:	Bay Area Compliance Laboratories Corp. (Kunshan) No.248 Chenghu Road, Kunshan, Jiangsu Province, China Tel: +86-512-86175000 Fax: +86-512-88934268 www.baclcorp.com.cn

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REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	RKSA240808001-00D	R1V1	2025-05-16	Initial Release

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Applicant:	Shanghai Xiangcheng Communication Technology Co.,Ltd		
Tested Model:	P8		
Product Name:	SumUp Terminal		
Power Supply:	DC 5V from adapter or DC 7.6V from battery		
Maximum Average Output Power	5G Wi-Fi B1:	5G Wi-Fi B2:	5G Wi-Fi B4:
	802.11a: 16.85 dBm	16.64 dBm	15.42 dBm
	802.11ac20: 13.67 dBm	13.40 dBm	12.98 dBm
	802.11ac40: 13.63 dBm	13.25 dBm	12.16 dBm
	802.11ac80: 11.08 dBm	9.83 dBm	11.93 dBm
Operating Frequency	B1: 5180-5240 MHz; B2: 5260-5320 MHz, B4: 5745-5825 MHz		
Channel Number	B1: 7; B2: 7; B4: 8		
Channel Separation	802.11a/n20/ac20: 20 MHz,802.11 n40/ac40: 40 MHz, 802.11ac80: 80 MHz		
Modulation Type	OFDM		
Antenna Type	FPC Antenna		
★Maximum Antenna Gain	Band 1: 2.85 dBi Band 2: 2.82 dBi Band 4: 2.49 dBi		

Adapter information
Model: TPA-418G050200UU01
Input: 100-240 V, 50/60 Hz, 0.3 A
Output: 5.0 V, 2.0 A, 10.0 W

Note: The maximum antenna gain was declared by the manufacturer.

All measurement and test data in this report was gathered from production sample serial number: RKSA240808001-1 (Assigned by the BACL (Kunshan). The EUT supplied by the applicant was received on 2024-08-08.)

Objective

This type approval report is prepared for *Shanghai Xiangcheng Communication Technology Co.,Ltd* in accordance with Part 2-Subpart J, Part 15-Subparts A and E of the Federal Communication Commissions' rules.

The tests were performed in order to determine compliance with FCC Part 15, Subpart E, section 15.203, 15.205, 15.207, 15.209 and 15.407 rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2013, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

Measurement Uncertainty

Item		Uncertainty
AC Power Lines Conducted Emissions		3.19 dB
RF conducted test with spectrum		0.9dB
RF Output Power with Power meter		0.5dB
Radiated emission	9 kHz~150 kHz	3.8dB
	150 kHz~30 MHz	3.4dB
	30MHz~1GHz	6.11dB
	1GHz~6GHz	4.45dB
	6GHz~18GHz	5.23dB
	18GHz~40GHz	5.65dB
Occupied Bandwidth		0.5kHz
Temperature		1.0℃
Humidity		6%

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Kunshan) to collect test data is located on the No.248 Chenghu Road, Kunshan, Jiangsu Province, China.

Bay Area Compliance Laboratories Corp. (Kunshan) is accredited in accordance with ISO/IEC 17025:2017 by NVLAP (Lab code: 600338-0), and the lab has been recognized as the FCC accredited lab under the KDB 974614 D01, the FCC Designation No.: CN5055.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The EUT was configured for testing in an engineering mode which was provided by the manufacturer.

The system support 802.11a/n ht20/n ht40/ac vht20/ac vht40/ ac vht80, the 802.11 n ht20/n ht40 were reduced since the identical parameters with 802.11ac vht20 and vht40

For **5150~5250 MHz** band, test channel list is as below,

802.11a/ac20 mode Channel 36, 40, 48 were tested.
802.11ac40 mode Channel 38, 46 were tested.
802.11ac80 mode Channel 42 was tested.

Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220
38	5190	46	5230
40	5200	48	5240
42	5210	/	/

For **5250~5350 MHz** band, test channel list is as below,

802.11a/ac20 mode Channel 52, 56, 64 were tested.
802.11ac40 mode Channel 54, 62 were tested.
802.11ac80 mode Channel 58 was tested.

Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	60	5300
54	5270	62	5310
56	5280	64	5320
58	5290	/	/

For **5725~5850 MHz** band,

802.11a/ac20 mode Channel 149, 157, 165 were tested.
802.11ac40 mode Channel 151, 159 were tested.
802.11ac80 mode Channel 155 was tested.

Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	159	5795
151	5755	161	5805
153	5765	165	5825
155	5775	/	/
157	5785	/	/

EUT Exercise Software

No exercise software was used to test.

The worst case was performed under:

U-NII	Mode	Date rate	★Power Level		
			Low Channel	Middle Channel	High Channel
5150~5250MHz	802.11a	6Mbps	19	19	19
	802.11ac-VHT20	MCS0	16	16	16
	802.11ac-VHT40	MCS0	16	/	16
	802.11ac-VHT80	MCS0	/	14	/

U-NII	Mode	Date rate	★Power Level		
			Low Channel	Middle Channel	High Channel
5250~5350MHz	802.11a	6Mbps	19	16	16
	802.11ac-VHT20	MCS0	16	16	16
	802.11ac-VHT40	MCS0	16	/	16
	802.11ac-VHT80	MCS0	/	13	/

U-NII	Mode	Date rate	★Power Level		
			Low Channel	Middle Channel	High Channel
5725~5850MHz	802.11a	6Mbps	19	19	19
	802.11ac-VHT20	MCS0	16	16	16
	802.11ac-VHT40	MCS0	16	/	16
	802.11ac-VHT80	MCS0	/	16	/

Note: The power level was declared by the applicant.

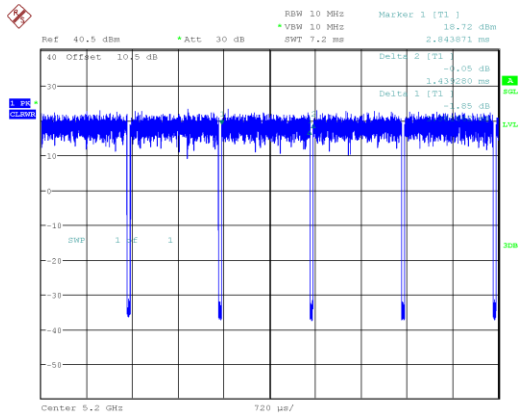
Environmental Conditions & Test Information

Test Date:	2025-02-13
Temperature:	16.2 ℃
Relative Humidity:	37 %
ATM Pressure:	102.9 kPa
Test Result:	/
Test Engineer:	Neil Zhou

Duty Cycle

5150MHz-5250MHz Band:

802.11a mode



ProjectNo.:RKSA240808001 Tester:Neil Zhou
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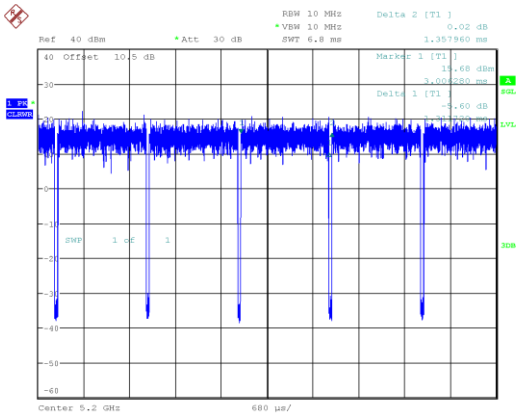
802.11ac20 mode



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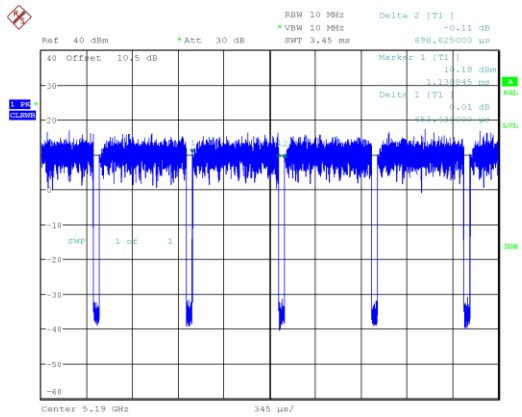
802.11ac40 mode



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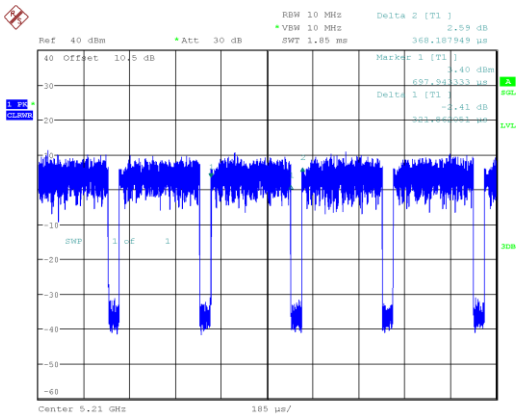
802.11ac80 mode



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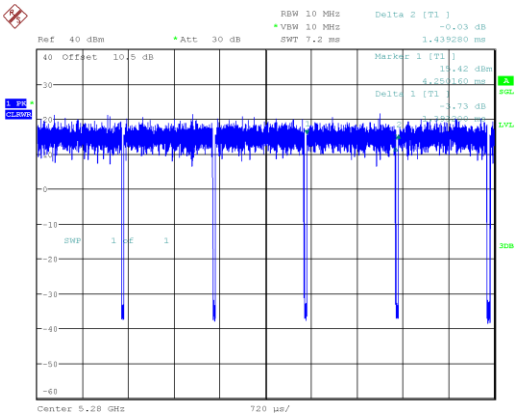
5250MHz-5350MHz Band:

802.11a mode



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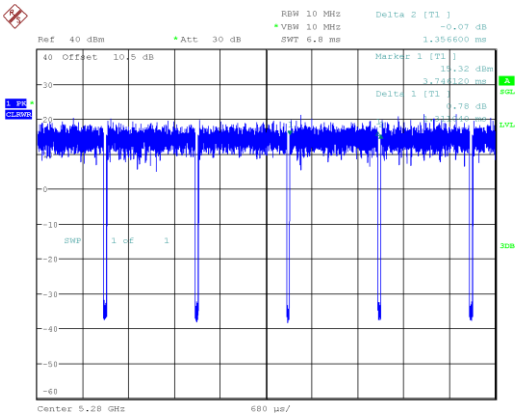
802.11ac20 mode



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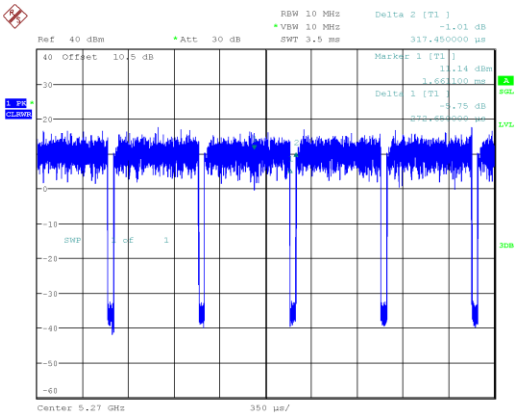
802.11ac40 mode



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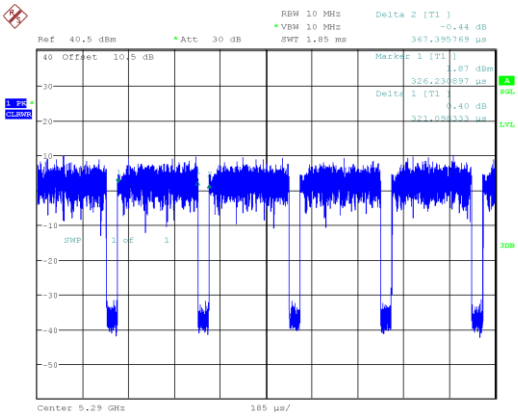
802.11ac80 mode



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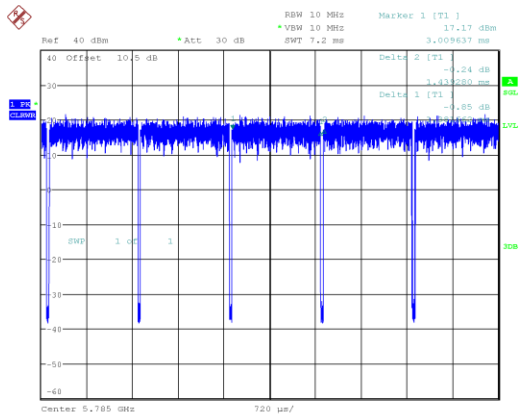
5725MHz-5850MHz Band:

802.11a mode



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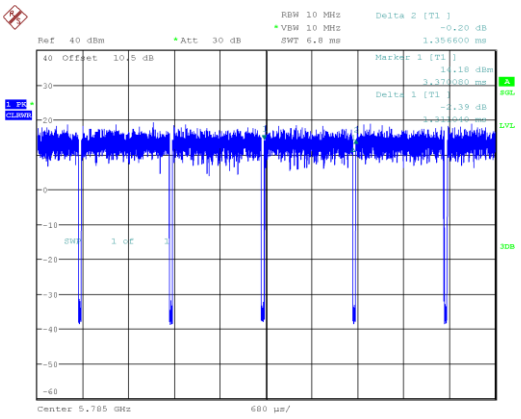
802.11ac20 mode



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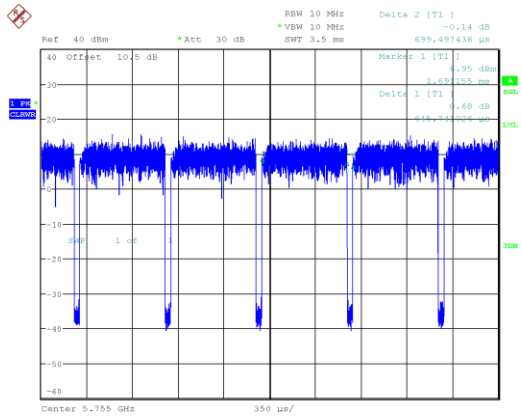
802.11ac40 mode



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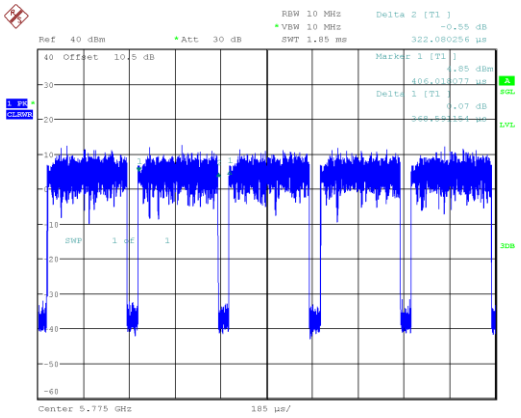
802.11ac80 mode



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 15:37:59

5.2G

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor (dB)
a_5200MHz	1.382	1.439	96.04	0.18
ac20_5200MHz	1.312	1.358	96.61	0.15
ac40_5190MHz	0.653	0.699	93.42	0.30
ac80_5210MHz	0.322	0.368	87.50	0.58

5.3G

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor (dB)
a_5280MHz	1.393	1.439	96.80	0.14
ac20_5280MHz	1.311	1.357	96.61	0.15
ac40_5270MHz	0.273	0.317	86.12	0.65
ac80_5290MHz	0.321	0.367	87.47	0.58

5.8G

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor (dB)
a_5785MHz	1.382	1.439	96.04	0.18
ac20_5785MHz	1.311	1.357	96.61	0.15
ac40_5755MHz	0.646	0.699	92.42	0.34
ac80_5775MHz	0.322	0.369	87.26	0.59

Note: Offset (10.5dB)= Attenuator(10dB)+Cable loss(0.5dB)

Equipment Modifications

No modification was made to the EUT.

Support Equipment List and Details

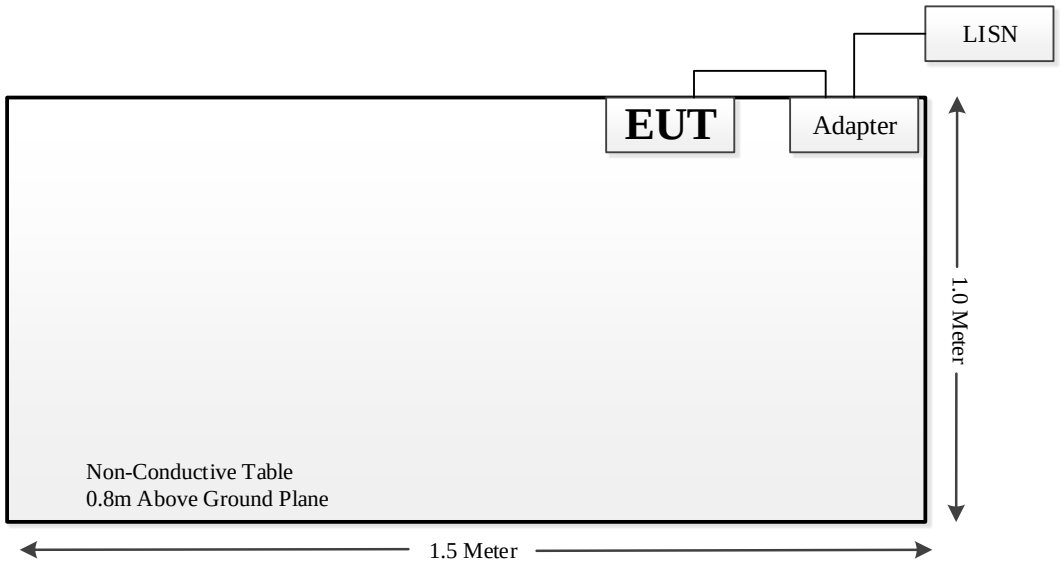
Manufacturer	Description	Model	Serial Number
/	/	/	/

External I/O Cable

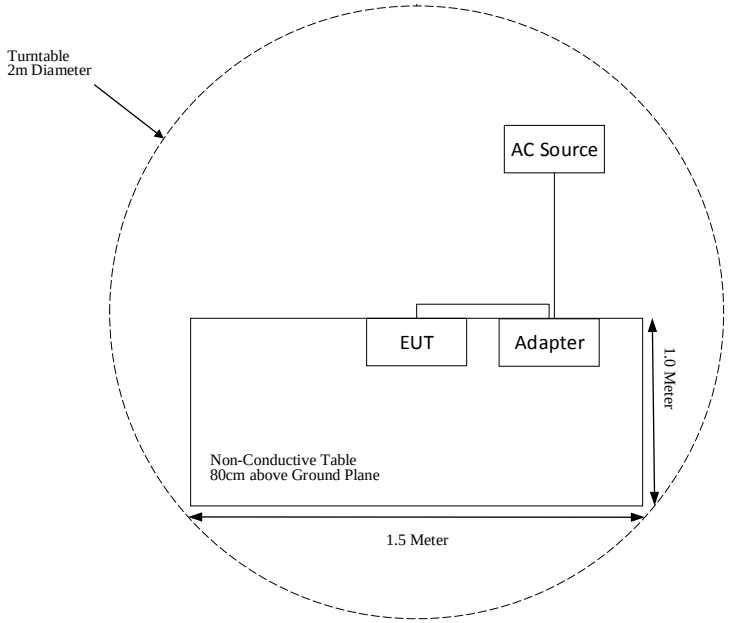
Cable Description	Length (m)	From Port	To Port
Power Cable 1	1.0	EUT	Adapter
Power Cable 2	1.0	Adapter	AC Source/LISN

Block Diagram of Test Setup

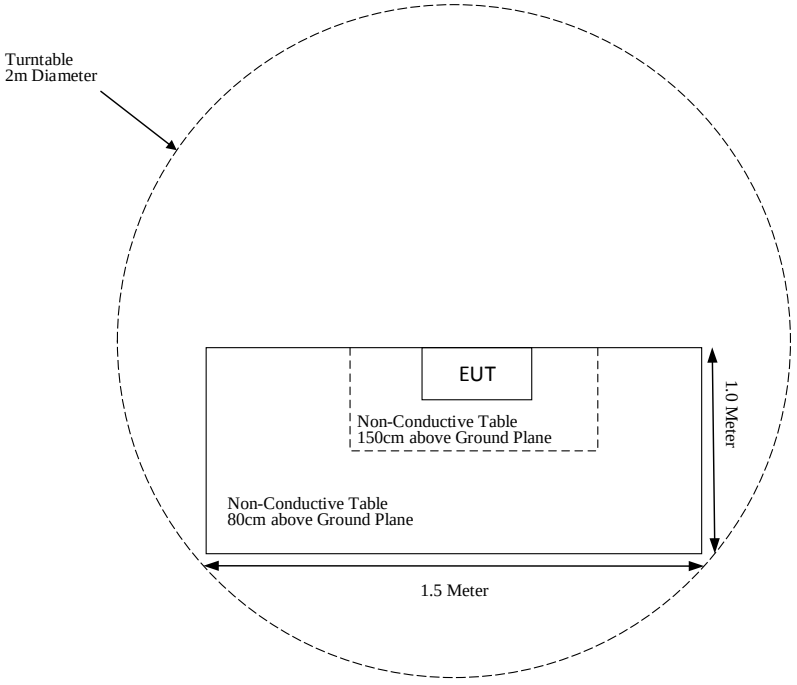
For Conducted Emissions:



For Radiated Emissions (Below 1GHz):



For Radiated Emissions (Above 1 GHz):



TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Radiated Emission Test (Chamber #1)					
Rohde & Schwarz	EMI Test Receiver	ESCI	100195	2024-04-23	2025-04-22
Sunol Sciences	Broadband Antenna	JB3	A090314-1	2024-11-08	2027-11-07
Narda	6dB Attenuator	773-6	10690812-2-1	2024-11-08	2027-11-07
BACL	Active Loop Antenna	1313-1A	4041511	2024-11-22	2027-11-21
Sonoma Instrument	Pre-amplifier	310N	171205	2024-04-23	2025-04-22
Rohde & Schwarz	Auto Test Software	EMC32	100361	N/A	N/A
MICRO-COAX	Coaxial Cable	Cable-8	008	2024-04-25	2025-04-24
MICRO-COAX	Coaxial Cable	Cable-9	009	2024-04-23	2025-04-22
MICRO-COAX	Coaxial Cable	Cable-10	010	2024-04-23	2025-04-22
Radiated Emission Test (Chamber #2)					
Rohde & Schwarz	EMI Test Receiver	ESU40	100207/040	2024-04-25	2025-04-24
ETS-LINDGREN	Horn Antenna	3115	9207-3900	2024-11-03	2027-11-02
ETS-LINDGREN	Horn Antenna	3116	2516	2024-01-06	2025-01-05
A.H.Systems, inc	Amplifier	PAM-0118P	512	2024-04-25	2025-04-24
SELECTOR	Amplifier	EM18G40G	060726	2024-04-25	2025-04-24
MICRO-TRONICS	Band Reject Filter	BRM50716	G059	2024-05-23	2025-05-22
N/A	Attenuator	10 dB	N/A	2024-04-23	2025-04-22
Rohde & Schwarz	Auto test Software	EMC32	100361	N/A	N/A
MICRO-COAX	Coaxial Cable	Cable-6	006	2024-04-25	2025-04-24
MICRO-COAX	Coaxial Cable	Cable-11	011	2024-04-25	2025-04-24
MICRO-COAX	Coaxial Cable	Cable-12	012	2024-04-25	2025-04-24
MICRO-COAX	Coaxial Cable	Cable-13	013	2024-04-25	2025-04-24
RF Conducted Test					
Rohde & Schwarz	Signal Analyzer	FSU26	200103	2024-04-24	2025-04-23
Rohde & Schwarz	Signal Analyzer	FSV40-N	103298	2024-04-24	2025-04-23
Narda	Attenuator	10 dB	N/A	2024-04-23	2025-04-22
Anritsu	Power Sensor	MA24418A	12621	2024-04-23	2025-04-22
XHFDZ	RG178 Coaxial Cable	SMA-178	XHF-1102	Each time	N/A
Conducted Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESR	1316.3003K03-101746-zn	2025-04-09	2026-04-08
Rohde & Schwarz	LISN	ENV216	101115	2025-04-08	2026-04-07
Audix	Test Software	e3	V9	N/A	N/A
Rohde & Schwarz	Pulse limiter	ESH3-Z2	100552	2025-04-08	2026-04-07
MICRO-COAX	Coaxial Cable	Cable-15	015	2025-04-08	2026-04-07

Statement of Traceability: Bay Area Compliance Laboratories Corp. (Kunshan) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§15.203	Antenna Requirement	Compliant
§15.207 & §15.407(b) (9)	AC Power Line Conducted Emissions	Compliant
§ 15.205 & §15.209 & §15.407(b)	Undesirable Emission & Restricted Bands	Compliant
§§15.407(a) &§15.407(e)	Emission Bandwidth	Compliant
§15.407(a)	Conducted Transmitter Output Power	Compliant
§15.407(a)	Power Spectral Density	Compliant

FCC §15.203 – ANTENNA REQUIREMENT

Applicable Standard

According to § 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

a. Antenna must be permanently attached to the unit.
b. Antenna must use a unique type of connector to attach to the EUT.
c. Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

And according to FCC 47 CFR section 15.407, if the transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Antenna Connector Construction

Antenna permanently attached to the unit. fulfill the requirement of this section. Please refer to the EUT photos.

Antenna Type	Frequency Range	Max. Antenna Gain	Input impedance
FPC	5150~5250 MHz	2.85 dBi	50Ω
	5250~5350 MHz	2.82 dBi	50Ω
	5725~5850 MHz	2.49 dBi	50Ω

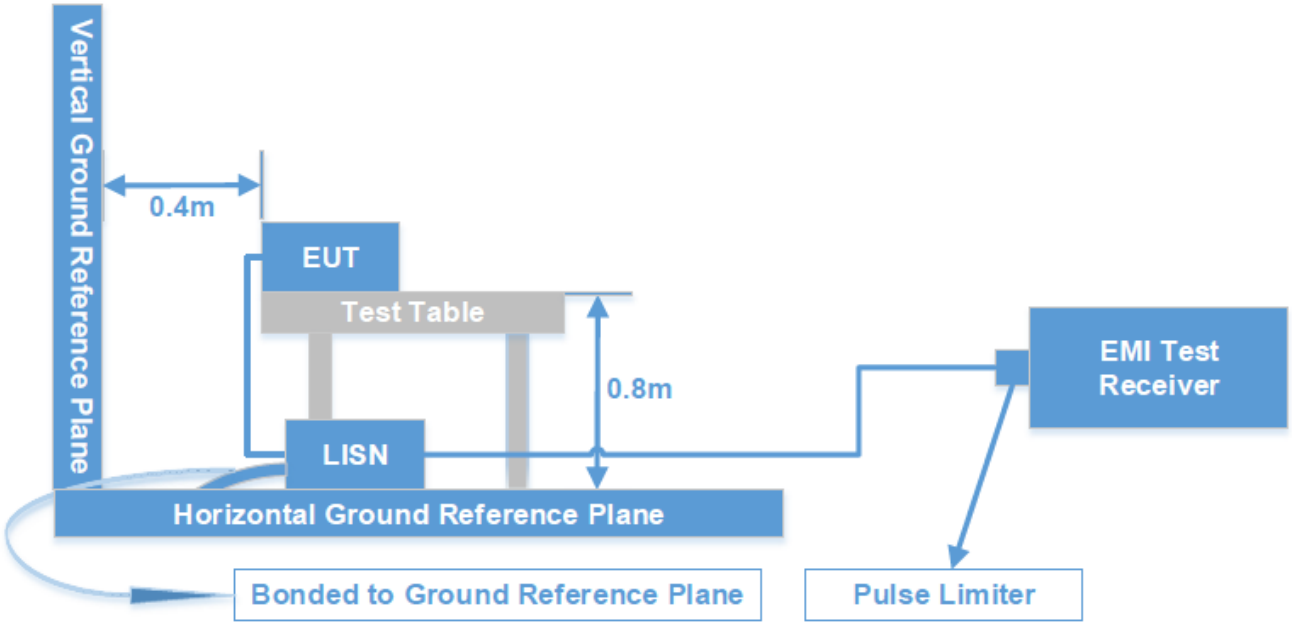
Result: Compliant.

FCC §15.407 (b) (9) §15.207 (a) – AC POWER LINE CONDUCTED EMISSIONS

Applicable Standard

FCC §15.207(a), §15.407(b) (9)

Test System Setup



The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW	VBW
150 kHz - 30 MHz	9 kHz	30 kHz

Test Procedure

During the conducted emission test, the EUT or adapter was connected to the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

If the maximum peak value of the emissions is below the average limit, the QP value and average value measurement will not need to be performed and only record the maximum peak measured value to meet the requirements.

Level & Over Limit Calculation

The Level is calculated by adding LISN VDF (Voltage Division Factor), Cable Loss and Transient Limiter Attenuation from the Meter Reading. The basic equation is as follows:

Factor (dB) = LISN VDF (dB) + Cable Loss (dB) + Transient Limiter Attenuation (dB)
Level (dBμV) = Read level (dBμV) + Factor (dB)

The "**Over Limit**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over Limit of 7 dB means the emission is 7 dB above the limit. The equation for Over Limit calculation is as follows:

Over Limit (dB) = Level (dBμV) - Limit (dBμV)

Test Results Summary

According to the recorded data in following table, the EUT complied with the FCC Part 15.207.

Test Data: See Appendix

§15.205 & §15.209 & §15.407(B) – UNDESIRABLE EMISSION & RESTRICTED BANDS

Applicable Standard

FCC §15.407 (b); §15.209; §15.205;

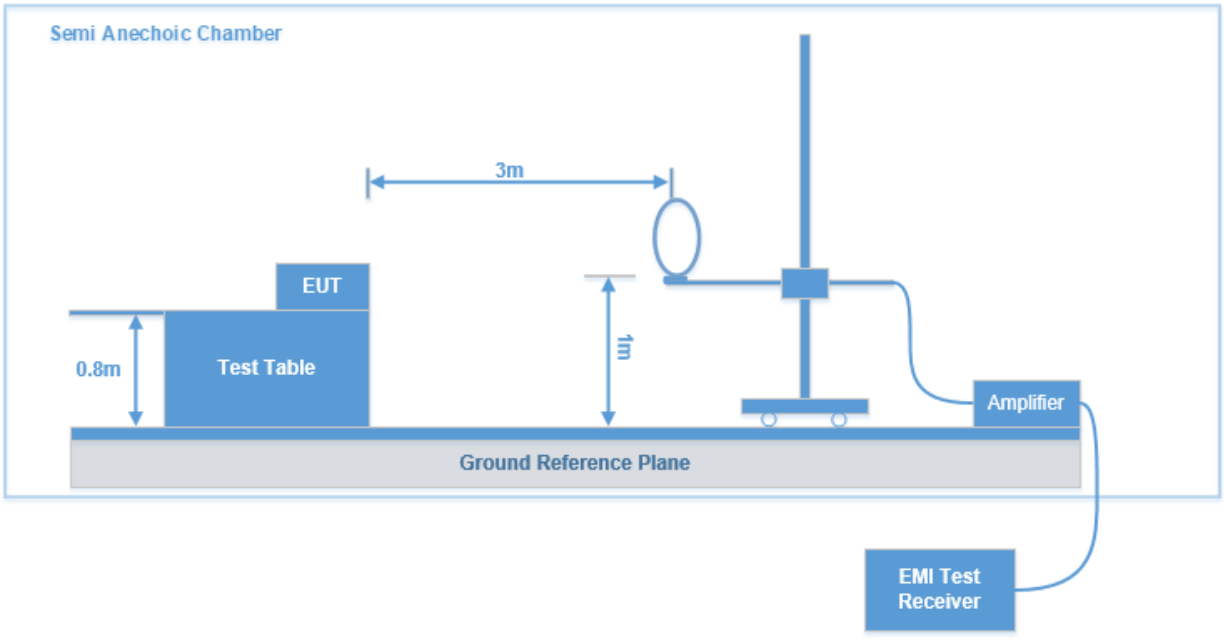
(b) Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:
(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.
(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.
(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.
(4) For transmitters operating in the 5.725-5.85 GHz band:
(i) All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

As per FCC §15.35(d):Unless otherwise specified, on any frenquency or frequencies above 1000MHz,the radiated emission limits are based on the use of measurement instrunmentation employing an average detector function. Unless otherwise specified, measurements above 1000MHz shall be performed using a minimum resolution bandwidth of 1MHz.

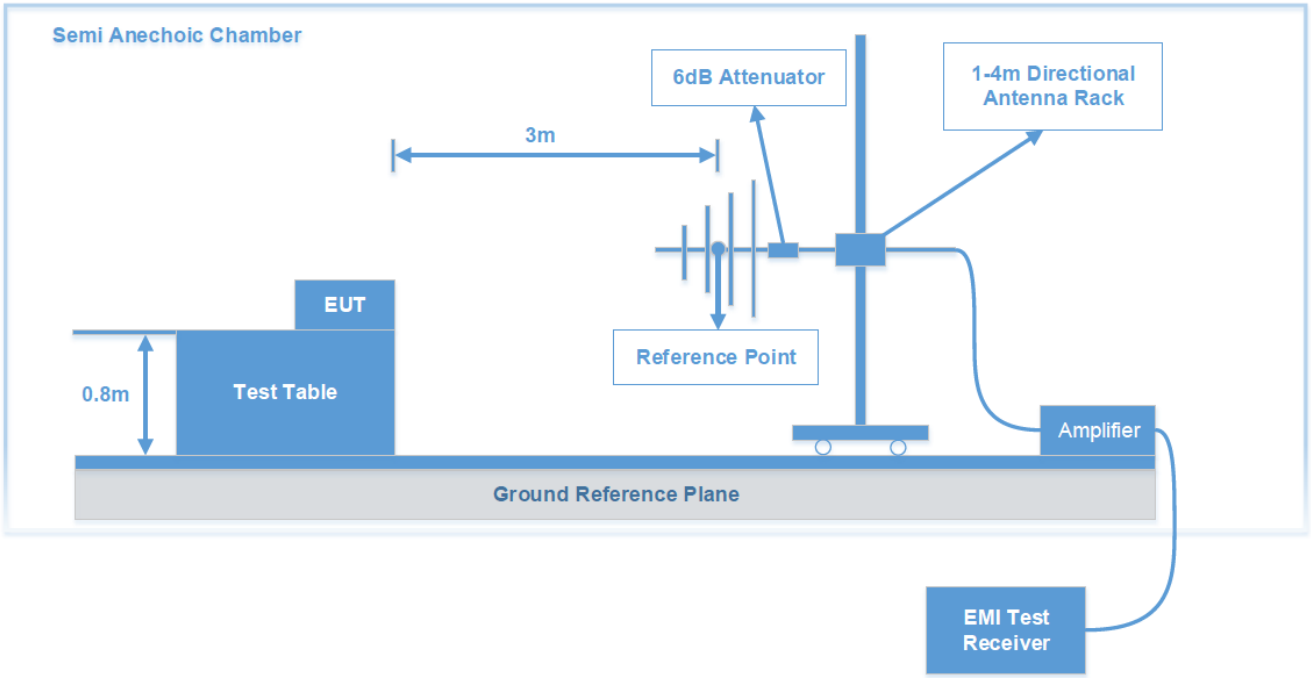
According to 789033 D02 General UNII Test Procedures New Rules v02r01, emission shall be computed as: E [dBμV/m] = EIRP [dBm] + 95.2, for d = 3 meters.

Test System Setup

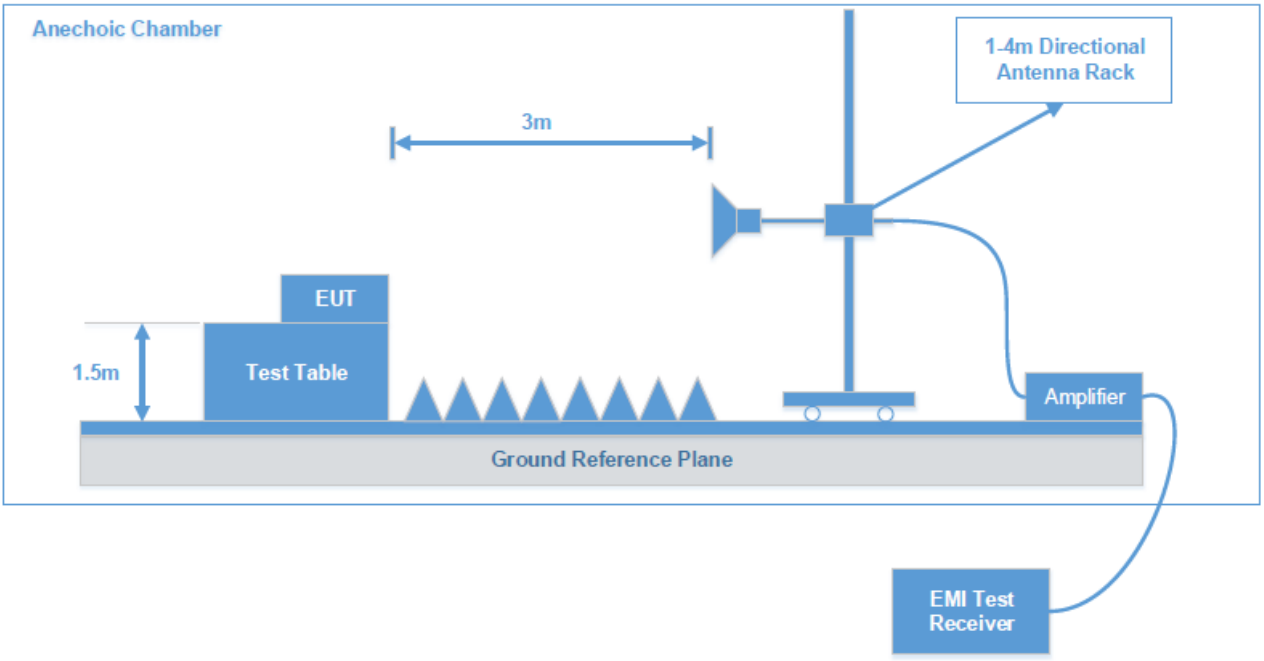
9 kHz - 30 MHz:



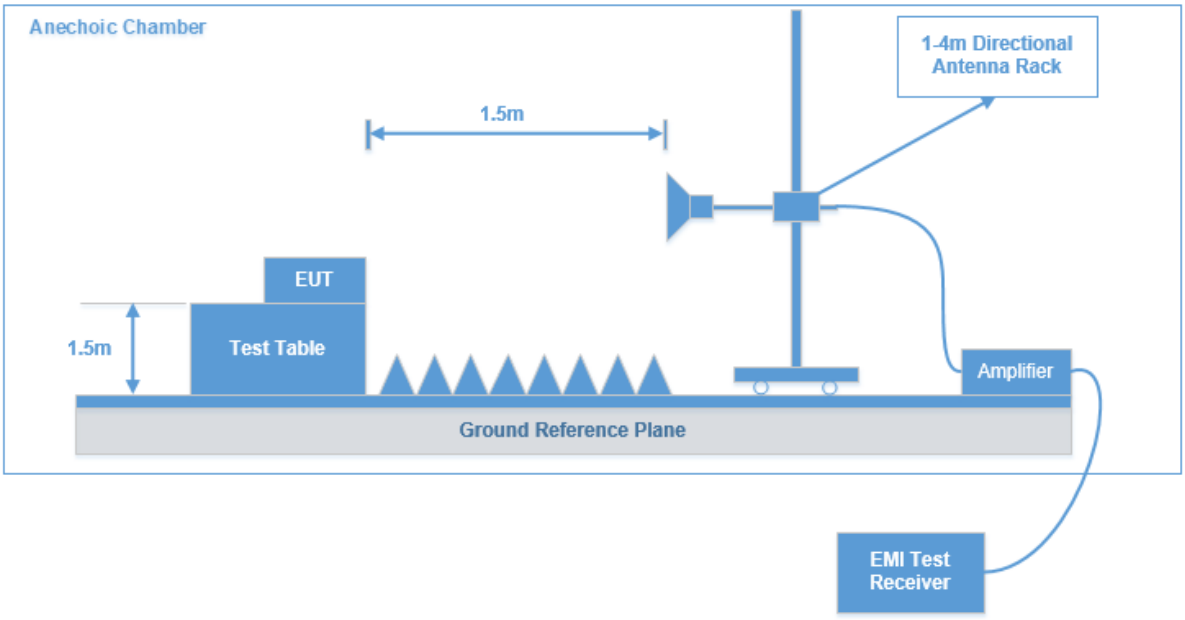
30 MHz - 1 GHz:



1 GHz - 18 GHz:



18 GHz - 40 GHz:



The radiated emission tests were performed in the 3 meters test site for below 18GHz and 1.5m for 18-40 GHz, using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209 and FCC 15.407 limits. The limit at 1.5m for 18-40 GHz is 80dBμV/m（Peak）and 60dBμV/m（Average）

The radiated emission tests were performed in the 3 meters test site, using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209 and FCC 15.407 limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

EMI Test Receiver & Spectrum Analyzer Setup

During the radiated emission test, the EMI test receiver Setup was set with the following configurations:

Frequency Range	RBW	VBW	IF B/W	Measurement
9 kHz – 150 kHz	200 Hz	1 kHz	200 Hz	QP/Average
150 kHz – 30 MHz	9 kHz	30 kHz	9 kHz	QP/ Average
30 MHz – 1000 MHz	100 kHz	300 kHz	/	Peak
	/	/	120 kHz	QP
Above 1GHz	1MHz	3 MHz	/	Peak
	1MHz	3 MHz	/	Average

For 9 kHz-30MHz test, the lowest height of the magnetic antenna shall be 1 m above the ground and three antenna orientations (parallel, perpendicular, and ground-parallel) shall be measured.

Test Procedure

During the radiated emission test, the adapter was connected to AC floor outlet.Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

If the measured peak level of the emissions that the measuring receiver reading level plus corrected factor is at least 6 dB below the QP emission limit, there's no need to record the measured QP level of the emissions in the report.

Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

Corrected Amplitude (dBμV/m) = Meter Reading (dBμV) + Corrected factor（dB/m）
Corrected factor（dB/m）= Antenna Factor (dB/m) + Cable Loss (dB) - Amplifier Gain (dB)

Note: The QuasiPeak (dBμV/m), MaxPeak (dBμV/m), Average (dBμV/m) which shown in the data table are all Corrected Amplitude.

The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin (dB) = Limit (dBμV/m) - Corrected Amplitude (dBμV/m)

Test Data: See Appendix

FCC §15.407(a) &§15.407(e)–EMISSION BANDWIDTH

Applicable Standard

The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. Measurements in the 5.725-5.85 GHz band are made over a reference bandwidth of 500 kHz or the 26 dB emission bandwidth of the device, whichever is less. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full reference bandwidth.

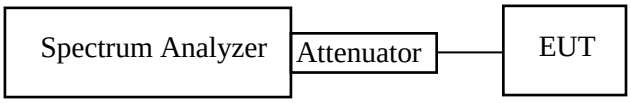
Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Test Procedure

1. Emission Bandwidth (EBW)
a) Set RBW = approximately 1% of the emission bandwidth.
b) Set the VBW > RBW.
c) Detector = Peak.
d) Trace mode = max hold.
e) Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

2. **Minimum Emission Bandwidth for the band 5.725-5.85 GHz**
Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.725-5.85 GHz. The following procedure shall be used for measuring this bandwidth:
a) Set RBW = 100 kHz.
b) Set the video bandwidth (VBW) ≥ 3 × RBW.
c) Detector = Peak.
d) Trace mode = max hold.
e) Sweep = auto couple.
f) Allow the trace to stabilize.

g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.



Note: Offset (10.5dB) = Attenuator (10dB) + Cable loss (0.5dB)

Test Data: See Appendix

FCC §15.407(a) – CONDUCTED TRANSMITTER OUTPUT POWER

Applicable Standard

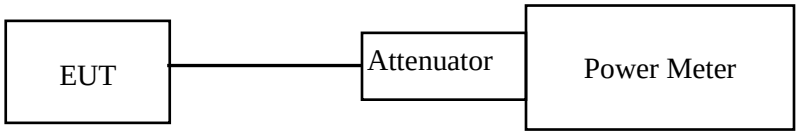
For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Test Procedure

1. Place the EUT on a bench and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to one test equipment.
3. Add a correction factor to the display.



Note: Offset (10.5dB) = Attenuator (10dB) + Cable loss (0.5dB)

Test Data: See Appendix

FCC §15.407(a) - POWER SPECTRAL DENSITY

Applicable Standard

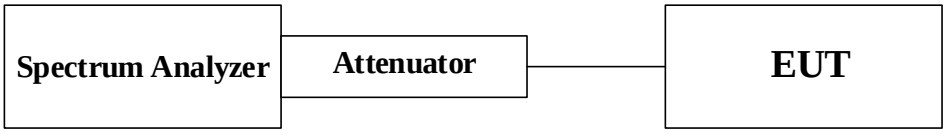
For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Test Procedure

The measurements are base on C63.10:2013
Duty cycle ≥98% ,Method SA-1 should be applied.
Duty cycle <98%, duty cycle variations are less than ±2%,Method SA-2 should be applied.
Duty cycle <98%, duty cycle variations exceed ±2%,Method SA-3 should be applied.



Note: Offset (10.5dB) = Attenuator (10dB) + Cable loss (0.5dB)

Test Data: See Appendix

EUT PHOTOGRAPHS

Please refer to the attachment EXHIBIT A - EUT EXTERNAL PHOTOGRAPHS and EXHIBIT B - INTERNAL PHOTOGRAPHS.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment EXHIBIT D - TEST SETUP PHOTOGRAPHS.

APPENDIX - TEST DATA

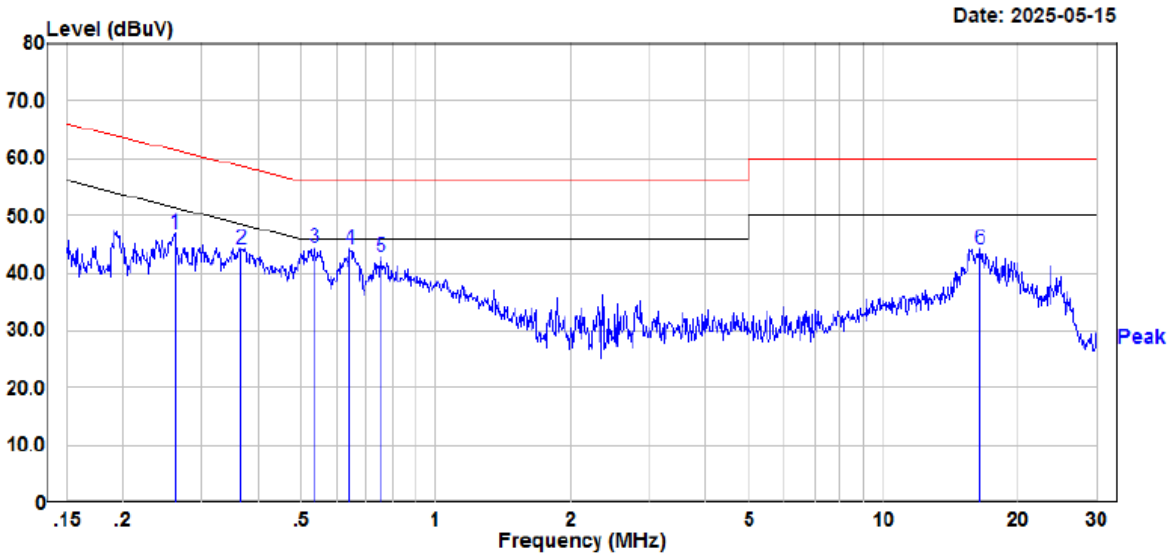
CONDUCTED EMISSIONS

Environmental Conditions & Test Information

Test Date:	2025-05-15
Temperature:	24.7 ℃
Relative Humidity:	57 %
ATM Pressure:	101.4 kPa
Test Result:	Pass
Test Engineer:	Myles Miao

EUT operation mode: Transmitting in 802.11a mode 5200MHz (maximum output power)

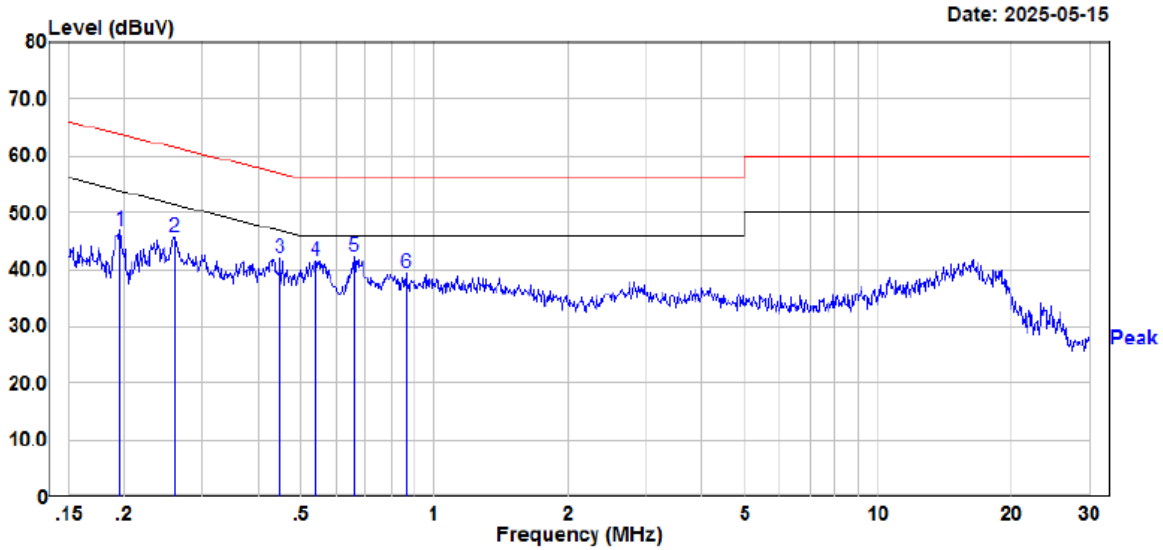
AC 120V/60 Hz, Line




```
Site                : CE
Condition           : limit\FCC PART 15.207
                    : DET:Peak
Project No.         : RKSA240808001
Model               : P8
Phase               : L
Voltage             : 120V/60Hz
Mode                : 5G WIFI
Test Equipment      : ENV216,ESR
Receiver Setting    : RBW: 9 kHz,Sweep Time: Auto
Temperature         : 24.7℃
Humidity            : 57%
Atmospheric pressure: 101.4kPa
Test Engineer       : Myles Miao
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.261	26.79	20.14	46.93	61.40	-14.47	Peak
2	0.366	24.16	20.20	44.36	58.59	-14.23	Peak
3	0.535	24.45	20.12	44.57	56.00	-11.43	Peak
4	0.643	24.05	20.09	44.14	56.00	-11.86	Peak
5	0.750	22.83	20.00	42.83	56.00	-13.17	Peak
6	16.413	24.64	19.71	44.35	60.00	-15.65	Peak

AC 120V/60 Hz, Neutral




```
Site                : CE
Condition           : limit\FCC PART 15.207
                    : DET:Peak
Project No.         : RKSA240808001
Model               : P8
Phase               : N
Voltage             : 120V/60Hz
Mode                : 5G WIFI
Test Equipment      : ENV216,ESR
Receiver Setting    : RBW: 9 kHz,Sweep Time: Auto
Temperature         : 24.7℃
Humidity            : 57%
Atmospheric pressure: 101.4kPa
Test Engineer       : Myles Miao
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.195	26.78	20.11	46.89	63.81	-16.92	Peak
2	0.260	25.52	20.14	45.66	61.45	-15.79	Peak
3	0.447	21.78	20.23	42.01	56.93	-14.92	Peak
4	0.540	21.40	20.12	41.52	56.00	-14.48	Peak
5	0.659	22.19	20.08	42.27	56.00	-13.73	Peak
6	0.863	19.59	19.86	39.45	56.00	-16.55	Peak

TRANSMITTER UNWANTED EMISSIONS & RESTRICTED FREQUENCY BANDS

Environmental Conditions & Test Information

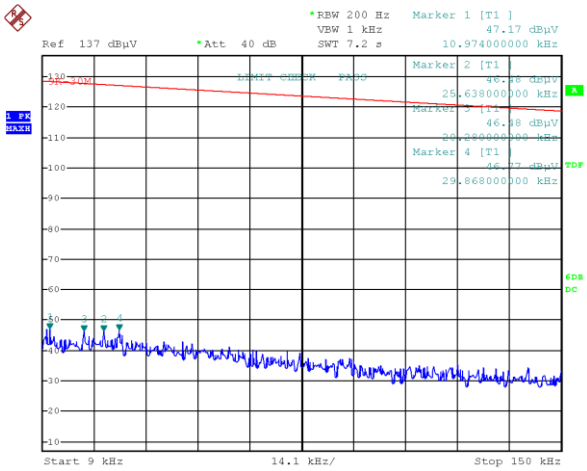
Frequency Range:	9 kHz-30 MHz	30 MHz-1GHz	1 GHz-18 GHz	18 GHz-40 GHz
Test Date:	2025-02-15	2025-02-15	2025-02-17	2025-02-18
Temperature:	16.3 ℃	16.3 ℃	19 ℃	22.5 ℃
Relative Humidity:	39 %	39 %	42 %	45 %
ATM Pressure:	102.1 kPa	102.1 kPa	102.9 kPa	102.8 kPa
Test Result:	Pass	Pass	Pass	Pass
Test Engineer:	Jerry Yan	Jerry Yan	Destine Hu	Hugh Wu

After pre-scan in the X, Y and Z axes of orientation, the worst case is below:

9 kHz-30 MHz: Transmitting in 802.11a mode 5200MHz (maximum output power)

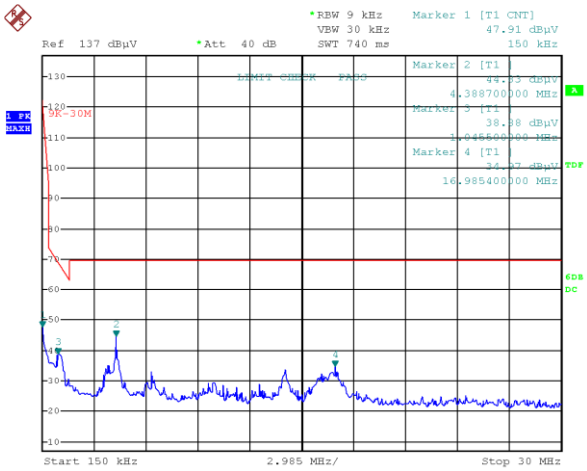
Parallel(worst case)

9kHz-150kHz



Project No.RKSA240808001 Tester:Jerry Yan
Date: 15.FEB.2025 19:40:45

150kHz-30MHz



Project No.RKSA240808001 Tester:Jerry Yan
Date: 15.FEB.2025 19:45:29

9 kHz - 150 kHz

Frequency (kHz)	Corrected Amplitude (dBµV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBµV/m) @3m	Margin (dB)
10.97	47.17	PK	-0.51	126.80	79.63
20.28	46.48	PK	-0.56	121.46	74.98
25.64	46.48	PK	-0.59	119.43	72.95
29.87	46.77	PK	-0.61	118.10	71.33

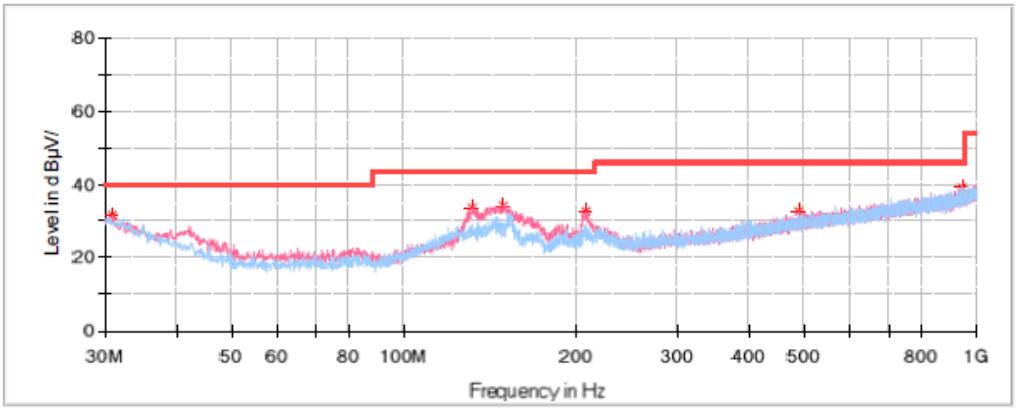
150 kHz - 30 MHz

Frequency (kHz)	Corrected Amplitude (dBµV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBµV/m) @3m	Margin (dB)
0.15	47.91	PK	-11.34	104.08	56.17
1.05	38.88	PK	-27.78	67.18	28.30
4.39	44.83	PK	-31.97	69.54	24.71
16.99	34.97	PK	-33.16	69.54	34.57

30MHz-1GHz: Transmitting in 802.11a mode 5200MHz (maximum output power)

Common Information

Project No:	RKSA240808001
EUT Model:	P8
Test Mode:	5G WIFI
Standard:	FCC Part 15.205 &FCC Part 15.209&FCC Part 15.407
Test Equipment:	ESCI, JB3, 310N
Receiver Setting:	RBW:100 kHz, VBW: 300 kHz, Sweep Time: Auto
Temperature:	16.3℃
Humidity:	39%
Barometric Pressure:	102.1kPa
Test Engineer:	Jerry Yan
Test Date:	2025/2/15



Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
30.970000	31.52	40.00	8.48	V	-5.4
131.728750	33.65	43.50	9.85	V	-11.1
149.310000	34.41	43.50	9.09	V	-11.6
207.752500	32.56	43.50	10.94	V	-12.6
488.810000	32.63	46.00	13.37	V	-5.6
942.163750	39.39	46.00	6.61	H	1.2

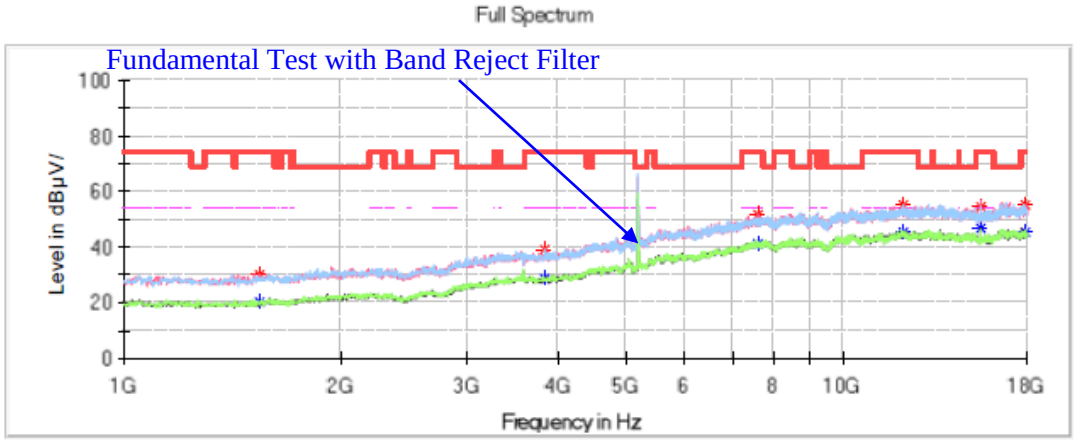
1GHz-18GHz (5150-5250MHz Band):

802.11a Mode:

Low Channel: 5180MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11a mode 5180 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



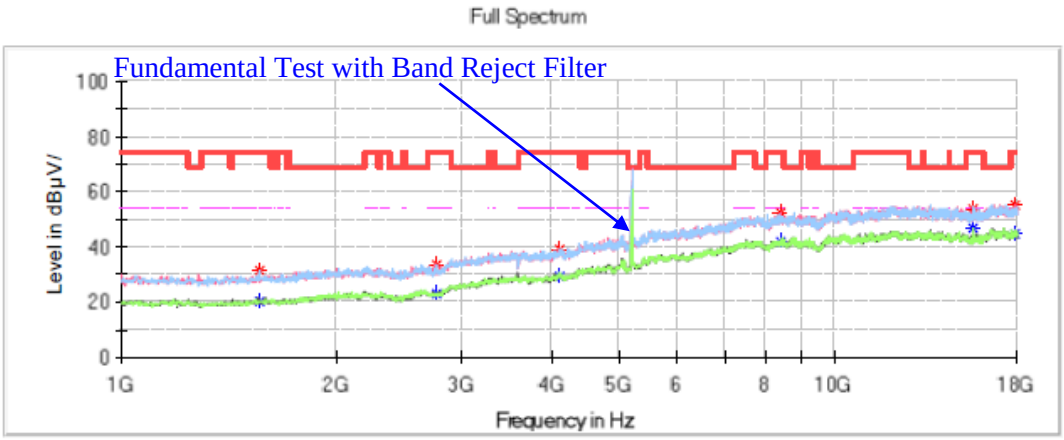
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1544.000000	---	20.57	54.00	33.43	V	-14.5
1544.000000	30.31	---	74.00	43.69	V	-14.5
3839.000000	---	28.96	54.00	25.04	H	-6.0
3839.000000	38.83	---	74.00	35.17	H	-6.0
7613.000000	---	41.06	54.00	12.94	H	3.9
7613.000000	51.75	---	74.00	22.25	H	3.9
12118.000000	---	45.20	54.00	8.80	H	9.1
12118.000000	55.27	---	74.00	18.73	H	9.1
15548.600000	---	46.85	54.00	7.15	V	9.8
15548.600000	54.46	---	74.00	19.54	V	9.8
17911.600000	---	45.23	54.00	8.77	V	11.9
17911.600000	55.34	---	74.00	18.66	V	11.9

Middle Channel: 5200MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11a mode 5200 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



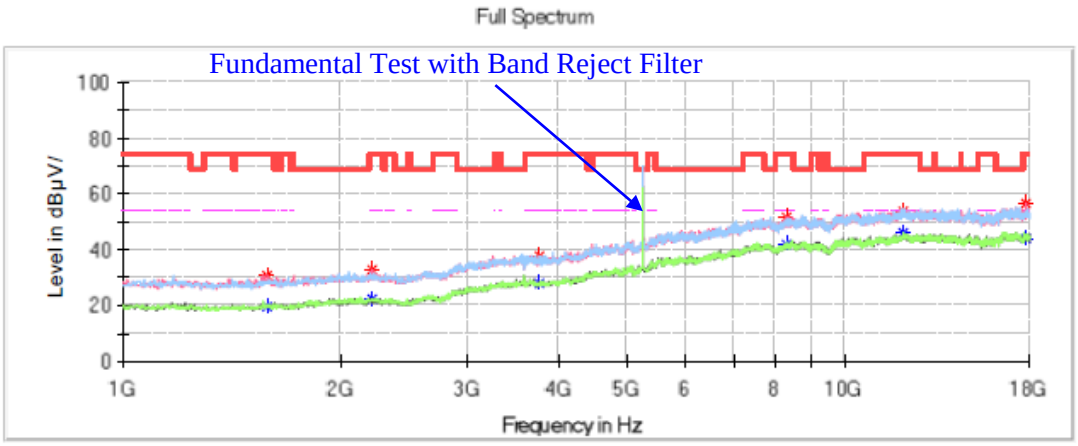
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1561.000000	31.26	---	74.00	42.74	V	-14.4
1561.000000	---	20.02	54.00	33.98	V	-14.4
2757.800000	---	23.40	54.00	30.60	H	-9.3
2757.800000	33.23	---	74.00	40.77	H	-9.3
4124.600000	---	29.57	54.00	24.43	V	-5.5
4124.600000	39.19	---	74.00	34.81	V	-5.5
8405.200000	---	41.97	54.00	12.03	V	5.1
8405.200000	52.71	---	74.00	21.29	V	5.1
15606.400000	---	46.95	54.00	7.05	H	9.7
15606.400000	53.67	---	74.00	20.33	H	9.7
17891.200000	54.96	---	74.00	19.04	H	11.9
17891.200000	---	45.03	54.00	8.97	H	11.9

High Channel: 5240MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11a mode 5240 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1581.400000	---	19.67	54.00	34.33	V	-14.2
1581.400000	30.58	---	74.00	43.42	V	-14.2
2217.200000	---	22.70	54.00	31.30	H	-11.1
2217.200000	32.83	---	74.00	41.17	H	-11.1
3781.200000	---	27.87	54.00	26.13	H	-6.1
3781.200000	38.07	---	74.00	35.93	H	-6.1
8299.800000	---	41.71	54.00	12.29	V	4.8
8299.800000	52.05	---	74.00	21.95	V	4.8
12053.400000	53.62	---	74.00	20.38	H	9.0
12053.400000	---	45.98	54.00	8.02	H	9.0
17809.600000	---	44.04	54.00	9.96	V	11.8
17809.600000	56.34	---	74.00	17.66	V	11.8

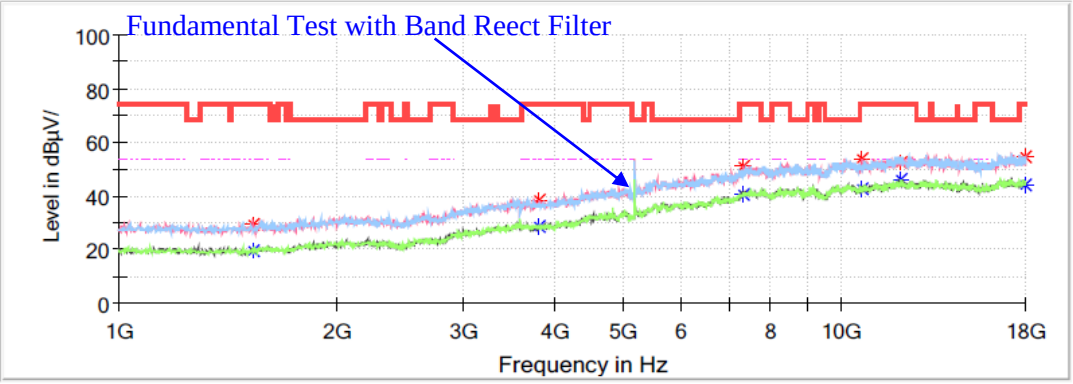
802.11ac20 Mode:

Low Channel: 5180MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac20 mode 5180 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

Full Spectrum



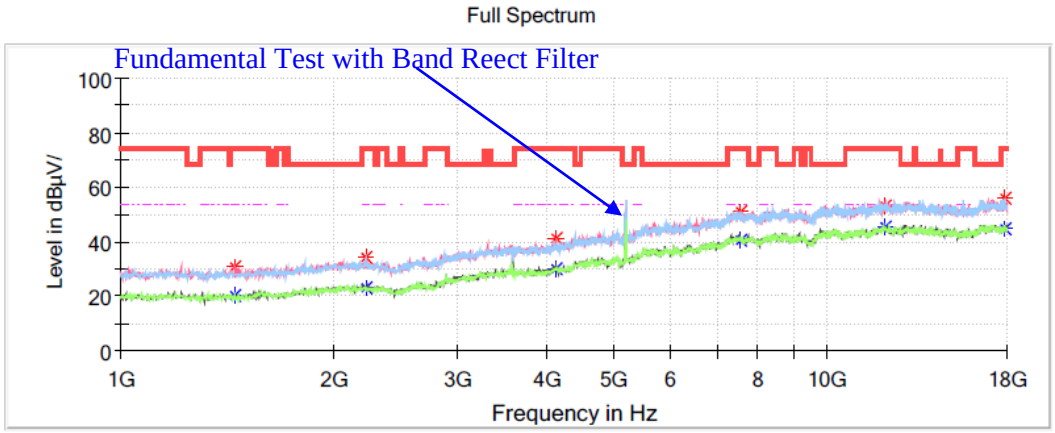
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1537.200000	---	19.53	54.00	34.47	V	-14.5
1537.200000	29.38	---	74.00	44.62	V	-14.5
3822.000000	---	28.45	54.00	25.55	H	-6.1
3822.000000	38.26	---	74.00	35.74	H	-6.1
7337.600000	---	40.49	54.00	13.51	H	3.5
7337.600000	51.17	---	74.00	22.83	H	3.5
10679.800000	---	42.58	54.00	11.42	V	7.2
10679.800000	53.51	---	74.00	20.49	V	7.2
12114.600000	52.58	---	74.00	21.42	H	9.1
12114.600000	---	45.93	54.00	8.07	H	9.1
17976.200000	---	44.24	54.00	9.76	V	11.9
17976.200000	54.72	---	74.00	19.28	V	11.9

Middle Channel: 5200MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac20 mode 5200 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



Critical_Freqs

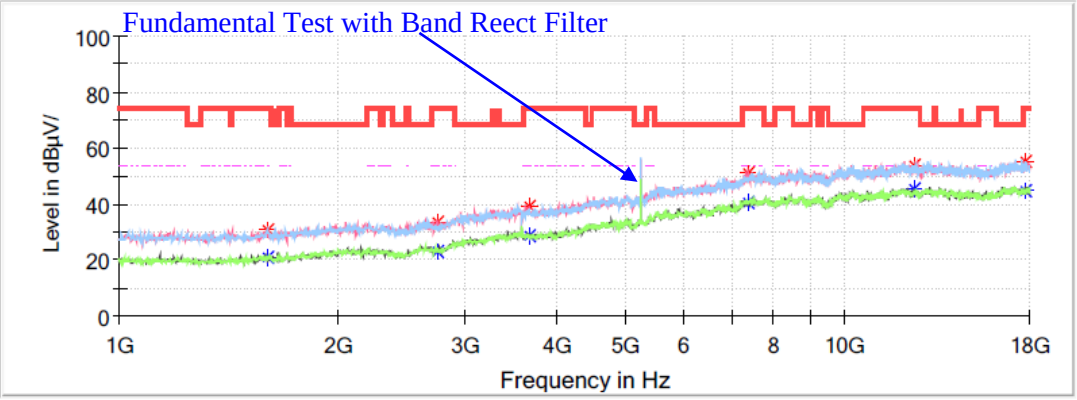
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1452.200000	---	20.41	54.00	33.59	V	-14.8
1452.200000	30.83	---	74.00	43.17	V	-14.8
2230.800000	---	23.09	54.00	30.91	V	-11.0
2230.800000	34.12	---	74.00	39.88	V	-11.0
4145.000000	---	30.32	54.00	23.68	V	-5.4
4145.000000	40.93	---	74.00	33.07	V	-5.4
7568.800000	---	40.78	54.00	13.22	H	3.9
7568.800000	51.31	---	74.00	22.69	H	3.9
12118.000000	52.80	---	74.00	21.20	H	9.1
12118.000000	---	45.51	54.00	8.49	H	9.1
17881.000000	---	45.10	54.00	8.90	V	11.9
17881.000000	56.15	---	74.00	17.85	V	11.9

High Channel: 5240MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac20 mode 5240 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1601.800000	---	20.70	54.00	33.30	V	-14.1
1601.800000	30.48	---	74.00	43.52	V	-14.1
2754.400000	---	23.42	54.00	30.58	H	-9.3
2754.400000	33.58	---	74.00	40.42	H	-9.3
3679.200000	---	28.82	54.00	25.18	V	-6.2
3679.200000	39.44	---	74.00	34.56	V	-6.2
7388.600000	---	40.65	54.00	13.35	H	3.6
7388.600000	50.88	---	74.00	23.12	H	3.6
12481.800000	---	45.30	54.00	8.70	V	9.6
12481.800000	53.79	---	74.00	20.21	V	9.6
17823.200000	---	44.90	54.00	9.10	H	11.8
17823.200000	55.15	---	74.00	18.85	H	11.8

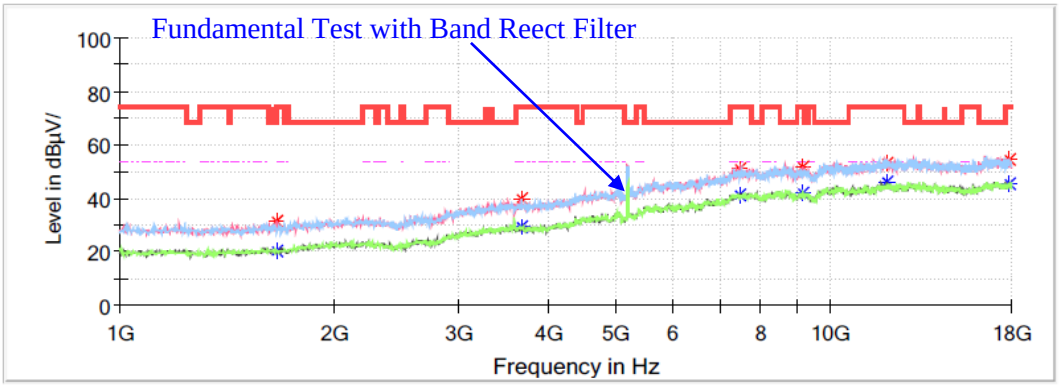
802.11ac40 Mode:

Low Channel: 5190MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac40 mode 5190 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

Full Spectrum



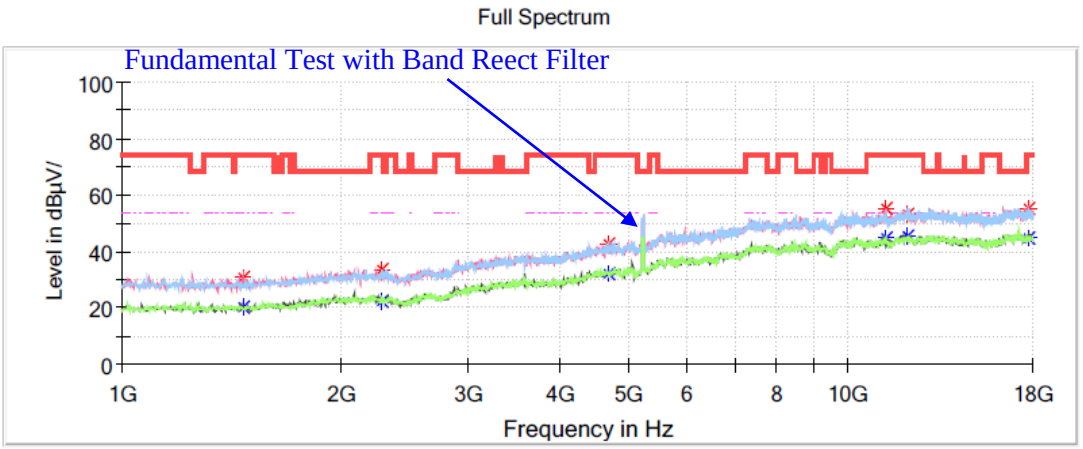
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1666.400000	31.21	---	74.00	42.79	V	-13.7
1666.400000	---	20.26	54.00	33.74	V	-13.7
3675.800000	39.81	---	74.00	34.19	H	-6.2
3675.800000	---	29.26	54.00	24.74	H	-6.2
7439.600000	---	41.20	54.00	12.80	V	3.7
7439.600000	51.09	---	74.00	22.91	V	3.7
9132.800000	---	41.82	54.00	12.18	H	5.4
9132.800000	51.77	---	74.00	22.23	H	5.4
12029.600000	---	45.95	54.00	8.05	V	9.0
12029.600000	53.38	---	74.00	20.62	V	9.0
17884.400000	54.88	---	74.00	19.12	V	11.9
17884.400000	---	45.49	54.00	8.51	V	11.9

High Channel: 5230MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac40 mode 5230 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



Critical_Freqs

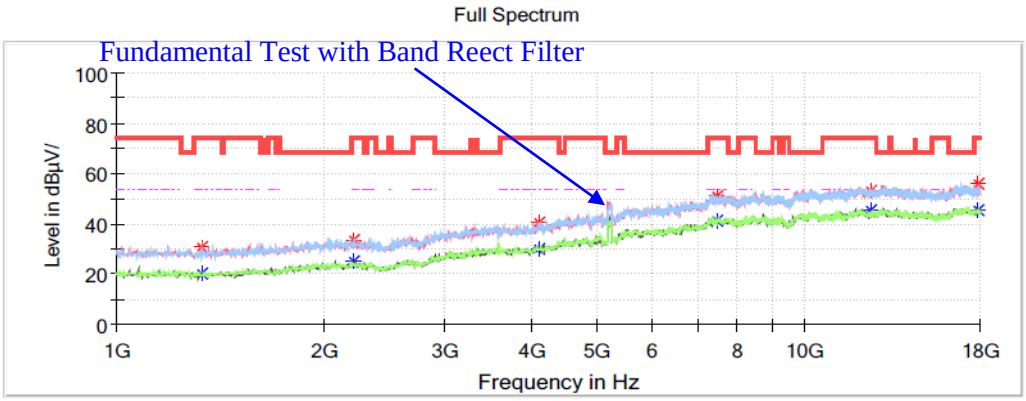
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1465.800000	30.60	---	74.00	43.40	V	-14.8
1465.800000	---	20.26	54.00	33.74	V	-14.8
2285.200000	---	22.24	54.00	31.76	V	-10.8
2285.200000	33.64	---	74.00	40.36	V	-10.8
4672.000000	---	32.43	54.00	21.57	H	-3.6
4672.000000	42.92	---	74.00	31.08	H	-3.6
11278.200000	---	44.55	54.00	9.45	V	8.2
11278.200000	54.90	---	74.00	19.10	V	8.2
12087.400000	53.46	---	74.00	20.54	H	9.1
12087.400000	---	45.54	54.00	8.46	H	9.1
17762.000000	54.93	---	74.00	19.07	V	11.8
17762.000000	---	44.46	54.00	9.54	V	11.8

802.11ac80 Mode:

Channel: 5210MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac80 mode 5210 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1326.400000	30.45	---	74.00	43.55	V	-15.0
1326.400000	---	20.37	54.00	33.63	V	-15.0
2217.200000	---	25.08	54.00	28.92	V	-11.1
2217.200000	33.52	---	74.00	40.48	V	-11.1
4111.000000	40.49	---	74.00	33.51	H	-5.5
4111.000000	---	30.32	54.00	23.68	H	-5.5
7470.200000	51.17	---	74.00	22.83	H	3.8
7470.200000	---	41.01	54.00	12.99	H	3.8
12515.800000	---	45.50	54.00	8.50	H	9.7
12515.800000	53.17	---	74.00	20.83	H	9.7
17870.800000	55.96	---	74.00	18.04	V	11.8
17870.800000	---	45.23	54.00	8.77	V	11.8

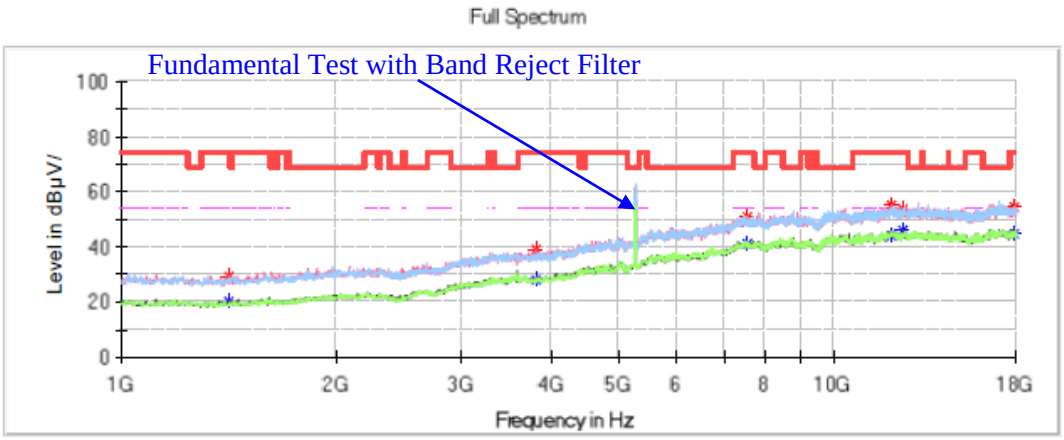
1GHz-18GHz (5250-5350MHz Band):

802.11a Mode:

Low Channel: 5260MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11a mode 5260 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



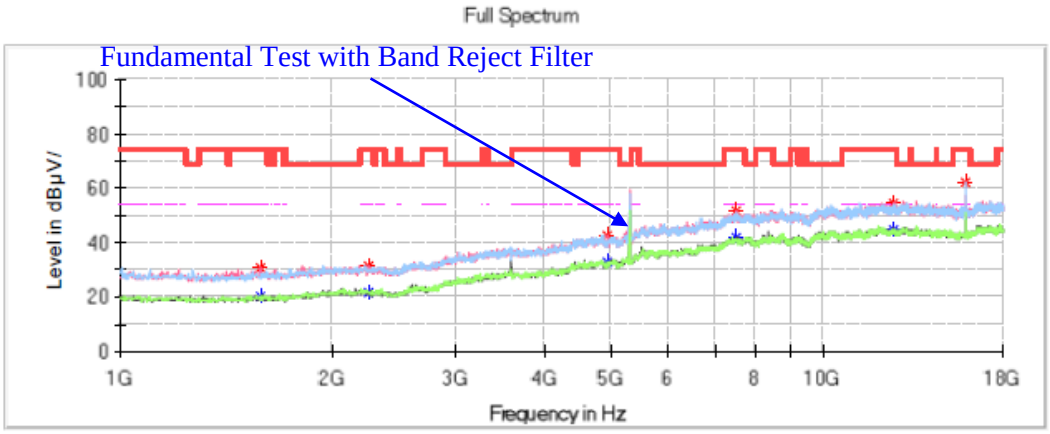
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1414.800000	---	20.01	54.00	33.99	V	-14.9
1414.800000	29.56	---	74.00	44.44	V	-14.9
3818.600000	---	28.31	54.00	25.69	H	-6.1
3818.600000	38.81	---	74.00	35.19	H	-6.1
7531.400000	---	41.25	54.00	12.75	V	3.9
7531.400000	50.98	---	74.00	23.02	V	3.9
12016.000000	---	44.21	54.00	9.79	H	9.0
12016.000000	55.44	---	74.00	18.56	H	9.0
12475.000000	53.50	---	74.00	20.50	H	9.6
12475.000000	---	45.81	54.00	8.19	H	9.6
17915.000000	---	45.01	54.00	8.99	V	11.9
17915.000000	54.37	---	74.00	19.63	V	11.9

Middle Channel: 5280MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11a mode 5280 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



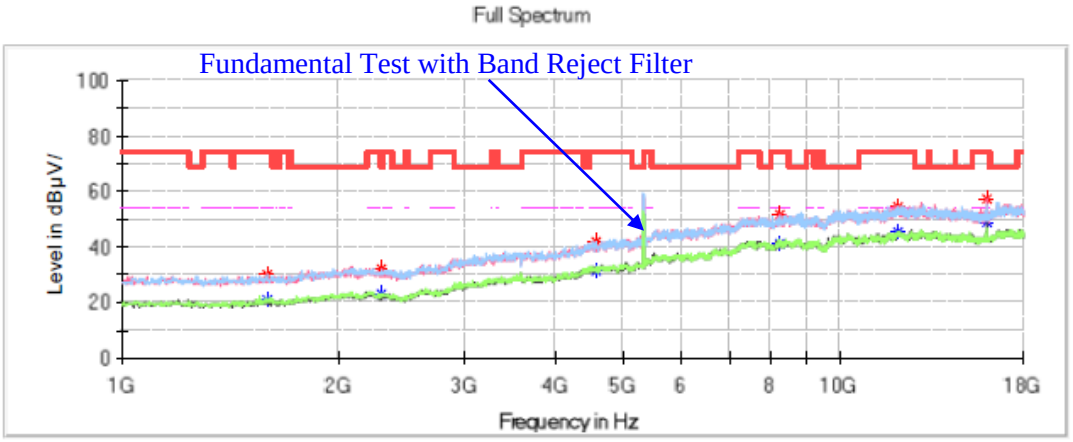
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1578.000000	30.98	---	74.00	43.02	V	-14.3
1578.000000	---	20.48	54.00	33.52	V	-14.3
2254.600000	31.30	---	74.00	42.70	H	-10.9
2254.600000	---	21.70	54.00	32.30	H	-10.9
4930.400000	42.77	---	74.00	31.23	V	-2.7
4930.400000	---	32.63	54.00	21.37	V	-2.7
7514.400000	51.52	---	74.00	22.48	V	3.9
7514.400000	---	41.97	54.00	12.03	V	3.9
12539.600000	---	44.63	54.00	9.37	V	9.7
12539.600000	54.65	---	74.00	19.35	V	9.7
15898.800000	---	50.86	54.00	3.14	H	9.5
15898.800000	62.04	---	74.00	11.96	H	9.5

High Channel: 5320MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11a mode 5320 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1591.600000	---	21.20	54.00	32.80	H	-14.2
1591.600000	30.30	---	74.00	43.70	H	-14.2
2298.800000	---	22.75	54.00	31.25	V	-10.8
2298.800000	32.04	---	74.00	41.96	V	-10.8
4576.800000	---	31.77	54.00	22.23	H	-4.0
4576.800000	42.03	---	74.00	31.97	H	-4.0
8252.200000	51.94	---	74.00	22.06	V	4.7
8252.200000	---	41.48	54.00	12.52	V	4.7
12002.400000	---	45.55	54.00	8.45	H	9.0
12002.400000	54.78	---	74.00	19.22	H	9.0
15956.600000	57.07	---	74.00	16.93	V	9.5
15956.600000	---	48.87	54.00	5.13	V	9.5

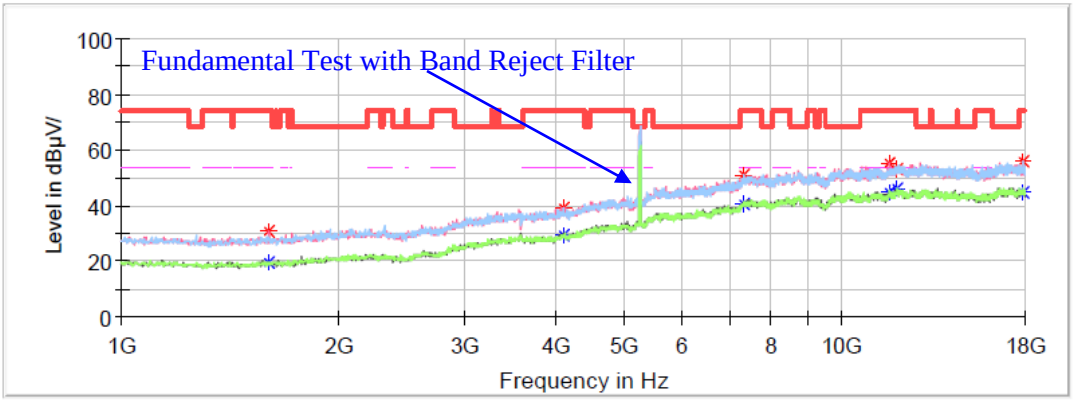
802.11ac20 Mode:

Low Channel: 5260MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac20 mode 5260 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

Full Spectrum



Critical_Freqs

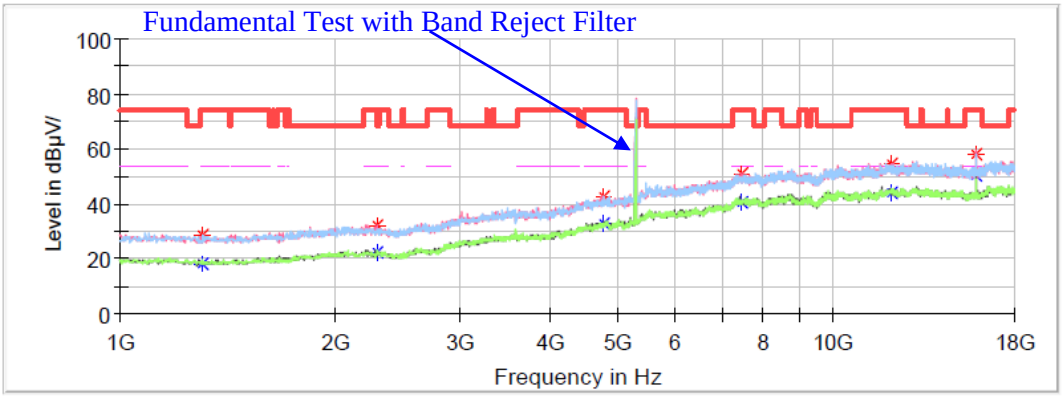
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1605.200000	---	19.47	54.00	34.53	V	-14.1
1605.200000	30.45	---	74.00	43.55	V	-14.1
4107.600000	---	29.58	54.00	24.42	H	-5.6
4107.600000	39.32	---	74.00	34.68	H	-5.6
7310.400000	---	40.25	54.00	13.75	V	3.4
7310.400000	50.79	---	74.00	23.21	V	3.4
11659.000000	---	44.95	54.00	9.05	V	8.9
11659.000000	55.08	---	74.00	18.92	V	8.9
11982.000000	53.32	---	74.00	20.68	H	9.0
11982.000000	---	45.95	54.00	8.05	H	9.0
17918.400000	---	44.84	54.00	9.16	V	11.9
17918.400000	55.77	---	74.00	18.23	V	11.9

Middle Channel: 5280MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac20 mode 5280 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

Full Spectrum



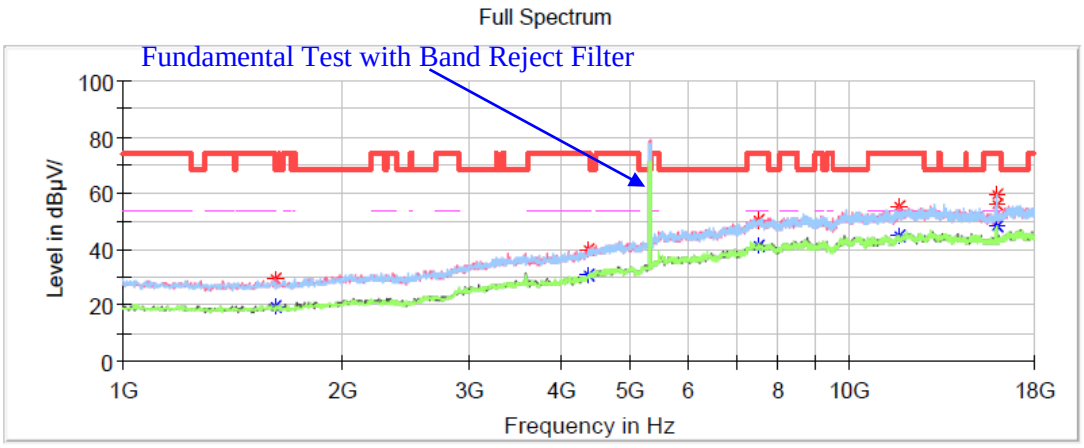
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1309.400000	---	18.42	54.00	35.58	V	-15.0
1309.400000	28.97	---	74.00	45.03	V	-15.0
2298.800000	---	22.08	54.00	31.92	V	-10.8
2298.800000	32.32	---	74.00	41.68	V	-10.8
4784.200000	---	33.11	54.00	20.89	H	-3.2
4784.200000	42.64	---	74.00	31.36	H	-3.2
7453.200000	---	40.40	54.00	13.60	V	3.8
7453.200000	51.06	---	74.00	22.94	V	3.8
12067.000000	---	44.37	54.00	9.63	V	9.1
12067.000000	54.33	---	74.00	19.67	V	9.1
15905.600000	58.10	---	74.00	15.90	H	9.5
15905.600000	---	50.14	54.00	3.86	H	9.5

High Channel: 5320MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac20 mode 5320 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1618.800000	---	19.61	54.00	34.39	V	-14.0
1618.800000	29.65	---	74.00	44.35	V	-14.0
4379.600000	40.15	---	74.00	33.85	H	-4.7
4379.600000	---	30.79	54.00	23.21	H	-4.7
7483.800000	50.43	---	74.00	23.57	H	3.8
7483.800000	---	41.03	54.00	12.97	H	3.8
11740.600000	---	44.93	54.00	9.07	V	8.9
11740.600000	55.07	---	74.00	18.93	V	8.9
15956.600000	---	47.98	54.00	6.02	V	9.5
15956.600000	59.49	---	74.00	14.51	V	9.5
15960.000000	56.01	---	74.00	17.99	H	9.5
15960.000000	---	48.13	54.00	5.87	H	9.5

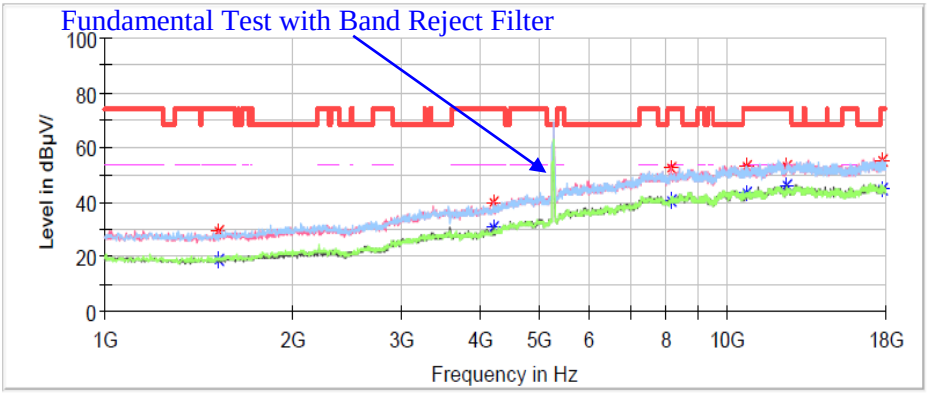
802.11ac40 Mode:

Low Channel: 5270MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac40 mode 5270 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

Full Spectrum



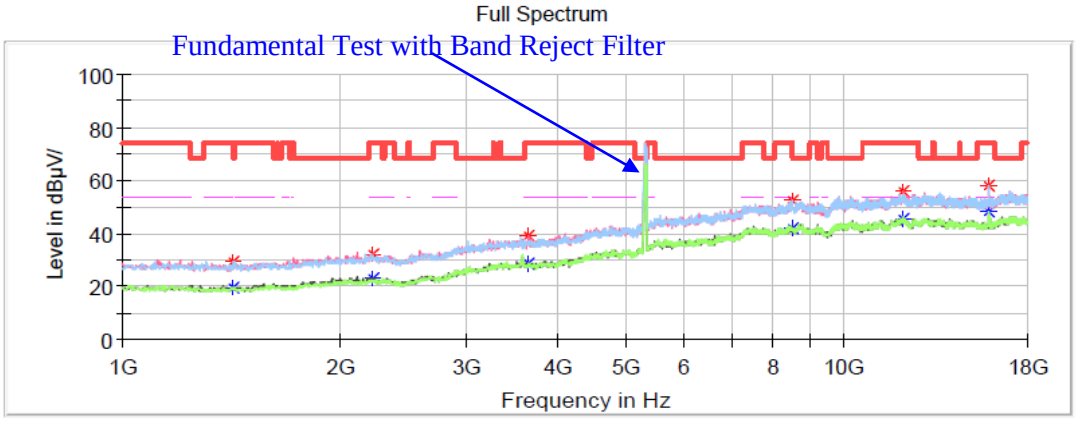
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1523.600000	---	19.10	54.00	34.90	H	-14.6
1523.600000	29.05	---	74.00	44.95	H	-14.6
4209.600000	---	30.63	54.00	23.37	V	-5.2
4209.600000	39.72	---	74.00	34.28	V	-5.2
8150.200000	---	40.82	54.00	13.18	V	4.4
8150.200000	52.27	---	74.00	21.73	V	4.4
10724.000000	---	43.33	54.00	10.67	H	7.2
10724.000000	52.96	---	74.00	21.04	H	7.2
12512.400000	52.85	---	74.00	21.15	V	9.7
12512.400000	---	45.82	54.00	8.18	V	9.7
17768.800000	---	45.03	54.00	8.97	H	11.8
17768.800000	55.10	---	74.00	18.90	H	11.8

High Channel: 5310MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac40 mode 5310 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1425.000000	29.13	---	74.00	44.87	H	-14.8
1425.000000	---	19.58	54.00	34.42	H	-14.8
2220.600000	32.31	---	74.00	41.69	V	-11.0
2220.600000	---	22.77	54.00	31.23	V	-11.0
3655.400000	38.83	---	74.00	35.17	V	-6.2
3655.400000	---	28.75	54.00	25.25	V	-6.2
8476.600000	---	41.74	54.00	12.26	H	5.3
8476.600000	52.15	---	74.00	21.85	H	5.3
12118.000000	55.96	---	74.00	18.04	V	9.1
12118.000000	---	45.76	54.00	8.24	V	9.1
15919.200000	---	48.22	54.00	5.78	H	9.5
15919.200000	57.70	---	74.00	16.30	H	9.5

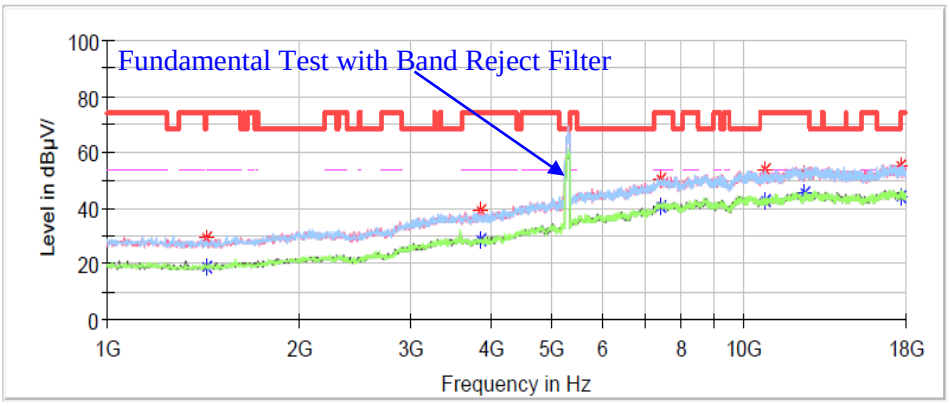
802.11ac80 Mode:

Channel: 5290MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac80 mode 5290 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1435.200000	---	18.94	54.00	35.06	V	-14.8
1435.200000	29.25	---	74.00	44.75	V	-14.8
3856.000000	---	28.67	54.00	25.33	H	-6.0
3856.000000	39.04	---	74.00	34.96	H	-6.0
7426.000000	---	40.88	54.00	13.12	V	3.7
7426.000000	50.62	---	74.00	23.38	V	3.7
10826.000000	---	42.98	54.00	11.02	H	7.2
10826.000000	53.70	---	74.00	20.30	H	7.2
12485.200000	52.79	---	74.00	21.21	H	9.6
12485.200000	---	45.44	54.00	8.56	H	9.6
17700.800000	---	44.03	54.00	9.97	V	11.7
17700.800000	54.98	---	74.00	19.02	V	11.7

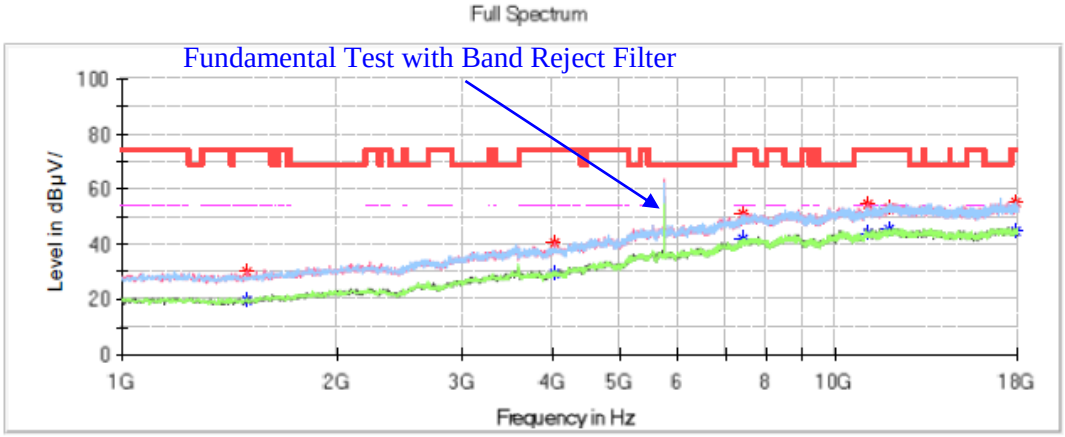
1GHz-18GHz (5725-5850MHz Band):

802.11a Mode:

Low Channel: 5745MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11a mode 5745 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



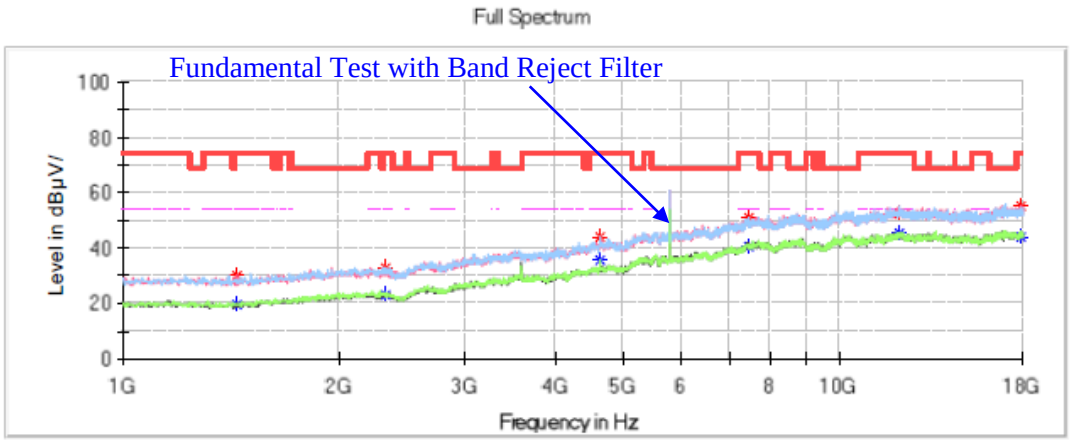
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1499.800000	---	19.83	54.00	34.17	V	-14.7
1499.800000	29.98	---	74.00	44.02	V	-14.7
4036.200000	---	29.62	54.00	24.38	V	-5.8
4036.200000	40.86	---	74.00	33.14	V	-5.8
7405.600000	---	41.69	54.00	12.31	V	3.7
7405.600000	50.86	---	74.00	23.14	V	3.7
11070.800000	---	43.89	54.00	10.11	V	7.5
11070.800000	54.59	---	74.00	19.41	V	7.5
11869.800000	52.81	---	74.00	21.19	H	8.9
11869.800000	---	45.77	54.00	8.23	H	8.9
17887.800000	---	44.86	54.00	9.14	H	11.9
17887.800000	55.01	---	74.00	18.99	H	11.9

Middle Channel: 5785MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11a mode 5785 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



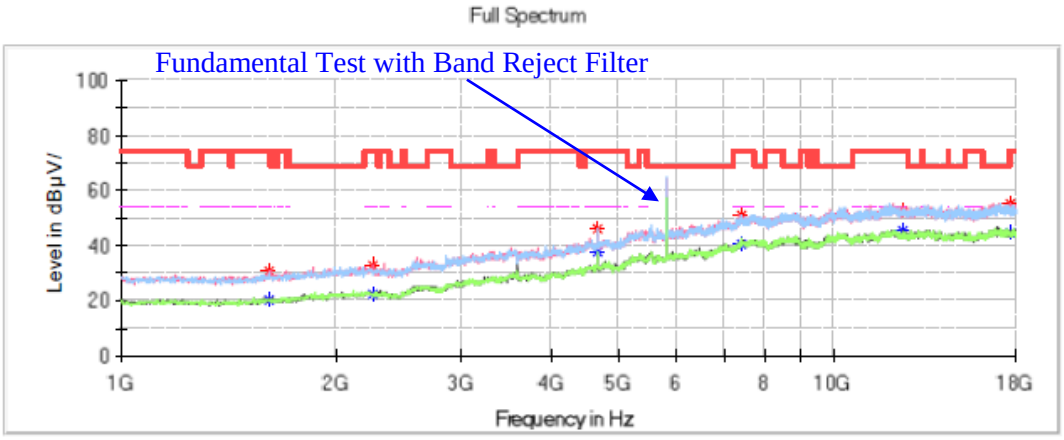
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1442.000000	---	19.35	54.00	34.65	V	-14.8
1442.000000	30.18	---	74.00	43.82	V	-14.8
2329.400000	---	23.22	54.00	30.78	V	-10.7
2329.400000	32.84	---	74.00	41.16	V	-10.7
4627.800000	---	35.60	54.00	18.40	H	-3.8
4627.800000	44.33	---	74.00	29.67	H	-3.8
7460.000000	---	40.38	54.00	13.62	V	3.8
7460.000000	51.04	---	74.00	22.96	V	3.8
12135.000000	---	45.58	54.00	8.42	H	9.2
12135.000000	52.49	---	74.00	21.51	H	9.2
17864.000000	---	44.29	54.00	9.71	V	11.8
17864.000000	55.16	---	74.00	18.84	V	11.8

High Channel: 5825MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11a mode 5825 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1615.400000	30.61	---	74.00	43.39	V	-14.0
1615.400000	---	20.30	54.00	33.70	V	-14.0
2254.600000	---	22.20	54.00	31.80	V	-10.9
2254.600000	32.61	---	74.00	41.39	V	-10.9
4658.400000	46.17	---	74.00	27.83	H	-3.7
4658.400000	---	37.94	54.00	16.06	H	-3.7
7392.000000	---	40.33	54.00	13.67	H	3.6
7392.000000	51.14	---	74.00	22.86	H	3.6
12512.400000	---	45.59	54.00	8.41	V	9.7
12512.400000	52.44	---	74.00	21.56	V	9.7
17700.800000	---	44.89	54.00	9.11	V	11.7
17700.800000	55.24	---	74.00	18.76	V	11.7

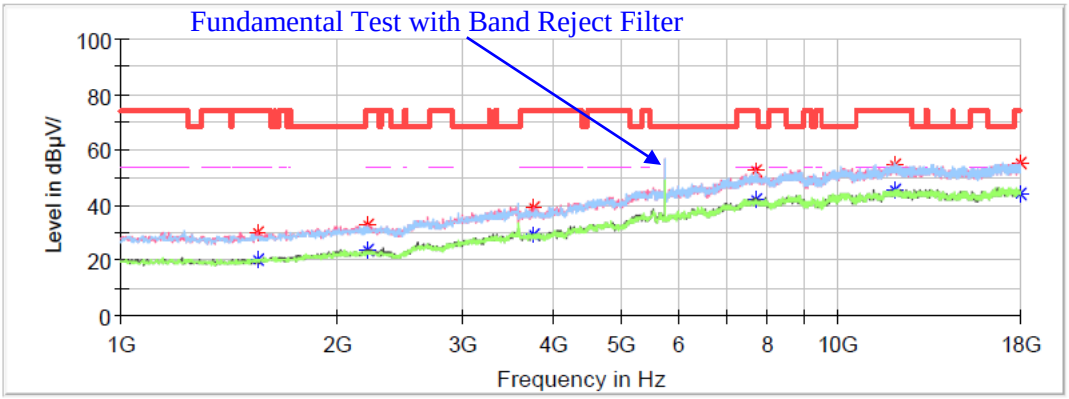
802.11ac20 Mode:

Low Channel: 5745MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac20 mode 5745 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

Full Spectrum



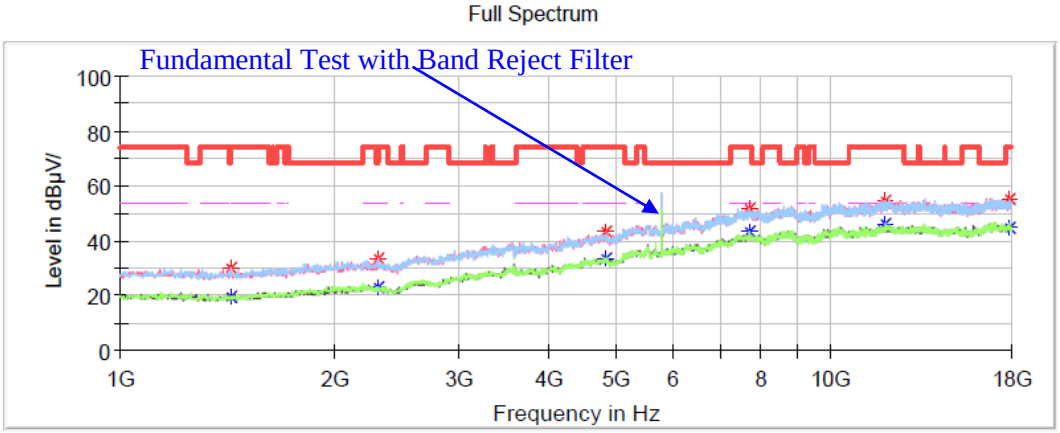
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1550.800000	29.99	---	74.00	44.01	V	-14.4
1550.800000	---	20.29	54.00	33.71	V	-14.4
2210.400000	---	23.55	54.00	30.45	V	-11.1
2210.400000	32.93	---	74.00	41.07	V	-11.1
3774.400000	39.36	---	74.00	34.64	V	-6.1
3774.400000	---	29.27	54.00	24.73	V	-6.1
7715.000000	---	41.79	54.00	12.21	V	3.9
7715.000000	52.19	---	74.00	21.81	V	3.9
12002.400000	---	45.55	54.00	8.45	H	9.0
12002.400000	54.39	---	74.00	19.61	H	9.0
17952.400000	55.09	---	74.00	18.91	H	11.9
17952.400000	---	44.26	54.00	9.74	H	11.9

Middle Channel: 5785MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac20 mode 5785 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



Critical_Freqs

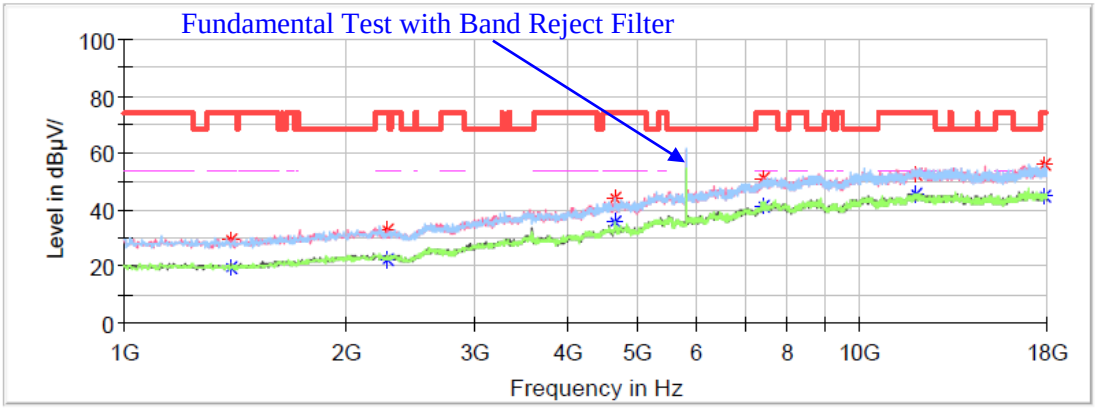
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1435.200000	---	19.57	54.00	34.43	H	-14.8
1435.200000	29.90	---	74.00	44.10	H	-14.8
2312.400000	---	23.30	54.00	30.70	H	-10.8
2312.400000	33.39	---	74.00	40.61	H	-10.8
4842.000000	---	33.60	54.00	20.40	V	-3.0
4842.000000	43.22	---	74.00	30.78	V	-3.0
7698.000000	---	43.46	54.00	10.54	H	3.9
7698.000000	52.04	---	74.00	21.96	H	3.9
11978.600000	54.41	---	74.00	19.59	H	9.0
11978.600000	---	45.87	54.00	8.13	H	9.0
17843.600000	---	44.56	54.00	9.44	V	11.8
17843.600000	54.96	---	74.00	19.04	V	11.8

High Channel: 5825MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac20 mode 5825 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

Full Spectrum



Critical_Freqs

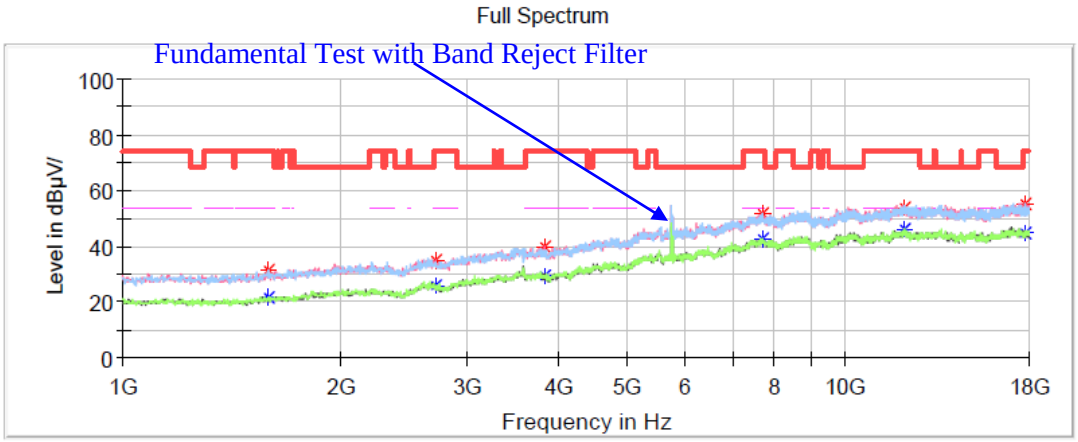
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1394.400000	---	19.71	54.00	34.29	V	-14.9
1394.400000	29.67	---	74.00	44.33	V	-14.9
2288.600000	---	22.67	54.00	31.33	V	-10.8
2288.600000	33.16	---	74.00	40.84	V	-10.8
4658.400000	---	35.41	54.00	18.59	H	-3.7
4658.400000	43.74	---	74.00	30.26	H	-3.7
7419.200000	---	41.54	54.00	12.46	V	3.7
7419.200000	51.11	---	74.00	22.89	V	3.7
11937.800000	---	45.80	54.00	8.20	V	9.0
11937.800000	52.66	---	74.00	21.34	V	9.0
17915.000000	---	45.07	54.00	8.93	H	11.9
17915.000000	55.81	---	74.00	18.19	H	11.9

802.11ac40 Mode:

Low Channel: 5755MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac40 mode 5755 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



Critical_Freqs

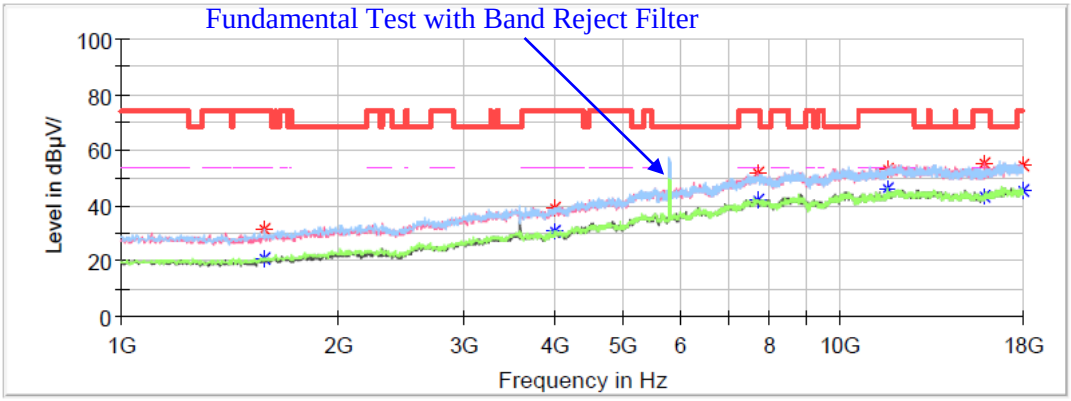
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1588.200000	---	21.39	54.00	32.61	H	-14.2
1588.200000	31.73	---	74.00	42.27	H	-14.2
2713.600000	---	25.93	54.00	28.07	V	-9.4
2713.600000	35.05	---	74.00	38.95	V	-9.4
3839.000000	---	29.06	54.00	24.94	V	-6.0
3839.000000	39.60	---	74.00	34.40	V	-6.0
7684.400000	---	42.61	54.00	11.39	V	3.9
7684.400000	52.06	---	74.00	21.94	V	3.9
12118.000000	53.66	---	74.00	20.34	H	9.1
12118.000000	---	46.10	54.00	7.90	H	9.1
17806.200000	---	44.53	54.00	9.47	V	11.8
17806.200000	55.59	---	74.00	18.41	V	11.8

High Channel: 5795MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac40 mode 5795 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

Full Spectrum



Critical_Freqs

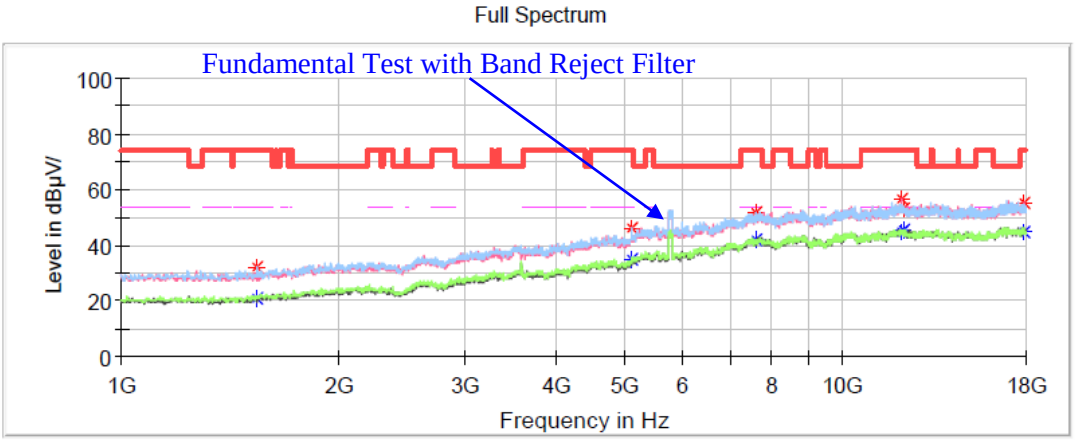
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1581.400000	---	20.66	54.00	33.34	V	-14.2
1581.400000	31.20	---	74.00	42.80	V	-14.2
4015.800000	---	30.44	54.00	23.56	H	-5.9
4015.800000	39.17	---	74.00	34.83	H	-5.9
7694.600000	---	41.70	54.00	12.30	V	3.9
7694.600000	51.46	---	74.00	22.54	V	3.9
11655.600000	53.10	---	74.00	20.90	H	8.9
11655.600000	---	45.91	54.00	8.09	H	8.9
15929.400000	---	43.31	54.00	10.69	V	9.5
15929.400000	55.23	---	74.00	18.77	V	9.5
17976.200000	---	45.69	54.00	8.31	V	11.9
17976.200000	54.55	---	74.00	19.45	V	11.9

802.11ac80 Mode:

Channel: 5775MHz

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac80 mode 5775 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



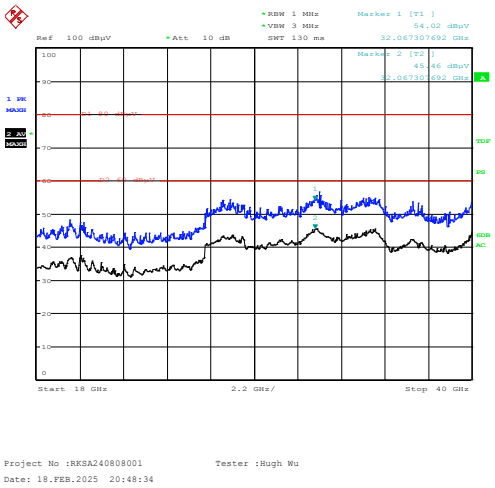
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1544.000000	32.35	---	74.00	41.65	H	-14.5
1544.000000	---	21.26	54.00	32.74	H	-14.5
5114.000000	46.41	---	74.00	27.59	H	-2.0
5114.000000	---	35.11	54.00	18.89	H	-2.0
7619.800000	---	41.88	54.00	12.12	V	3.9
7619.800000	51.67	---	74.00	22.33	V	3.9
12124.800000	56.58	---	74.00	17.42	V	9.1
12124.800000	---	44.63	54.00	9.37	V	9.1
12172.400000	---	45.59	54.00	8.41	H	9.2
12172.400000	53.02	---	74.00	20.98	H	9.2
17877.600000	55.20	---	74.00	18.80	V	11.9
17877.600000	---	44.88	54.00	9.12	V	11.9

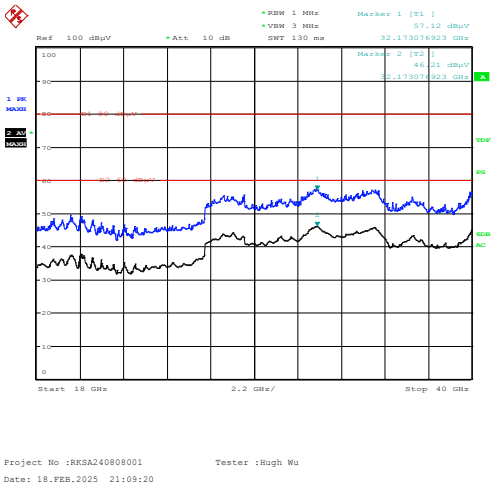
18GHz-40GHz:

*Pre-scan with 802.11a, 802.11ac20, 802.11ac40, 802.11 ac80 modes of operation in the X,Y and Z axes of orientation, the worst case **802.11a mode 5200MHz** was recorded.*

Horizontal



Vertical



Note: The test distance is 1.5m. The limit is 80dBµV/m(Peak) and 60dBµV/m(Average).

Frequency (GHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
32.07	---	45.46	60	14.54	H	23.21
32.07	54.02	---	80	25.98	H	23.21
32.17	---	46.21	60	13.79	V	23.31
32.17	57.12	---	80	22.88	V	23.31

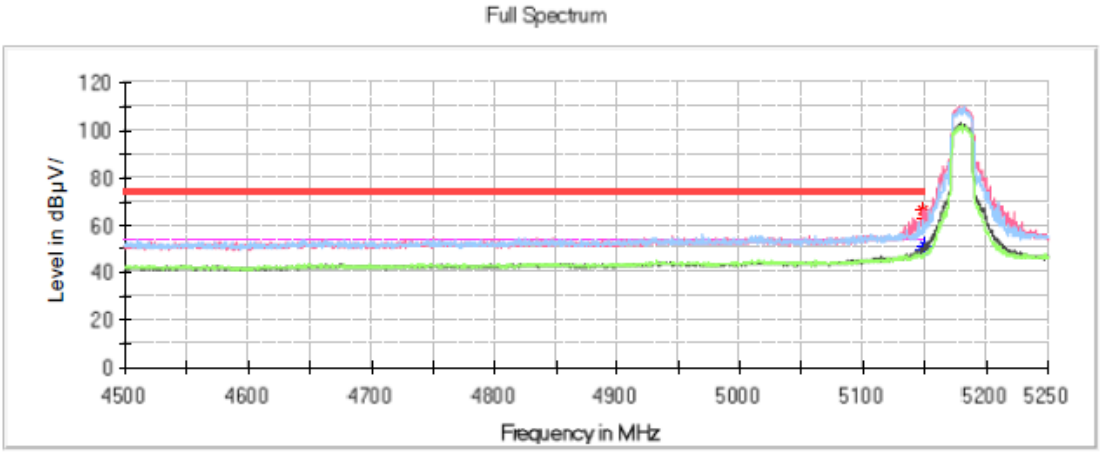
Restricted Bands Emissions Test (5150-5250MHz Band):

Note:
1. Corrected Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
2. Corrected Amplitude = Corrected Factor + Reading
3. Margin = Limit - Corrected. Amplitude

802.11a Mode:

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11a mode 5180 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

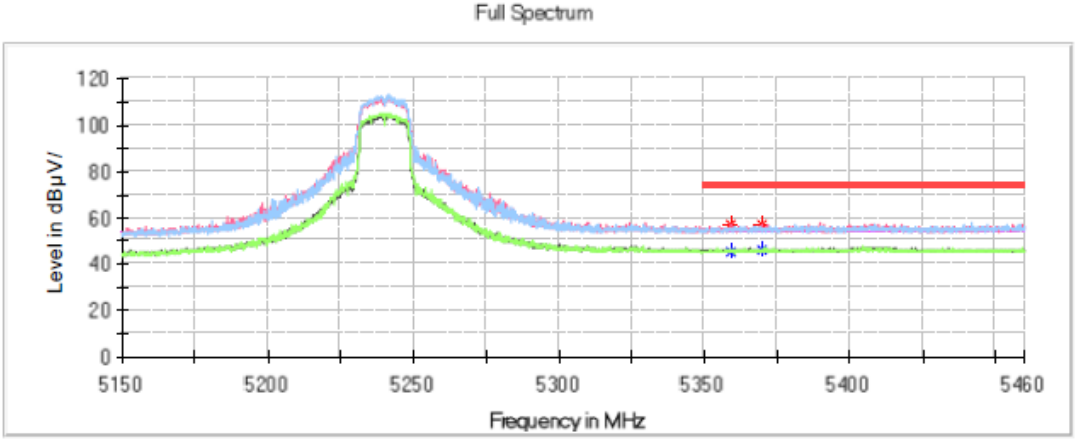


Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5147.700000	66.69	---	74.00	7.31	V	8.2
5147.700000	---	49.09	54.00	4.91	V	8.2
5149.500000	63.06	---	74.00	10.94	V	8.2
5149.500000	---	50.73	54.00	3.27	V	8.2

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11a mode 5240 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



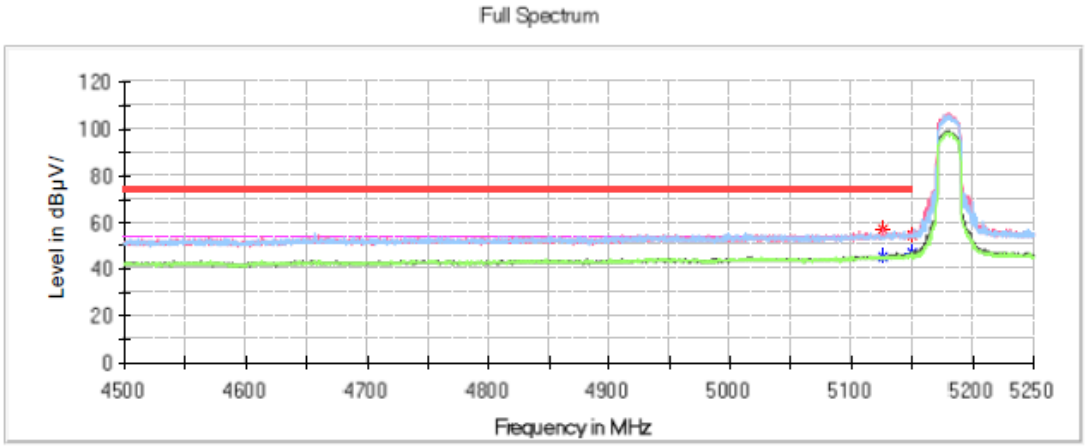
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5359.312000	57.09	---	74.00	16.91	V	8.8
5359.312000	---	45.61	54.00	8.39	V	8.8
5369.604000	---	46.04	54.00	7.96	H	8.8
5369.604000	56.70	---	74.00	17.30	H	8.8

802.11ac20 Mode:

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac20 mode 5180 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

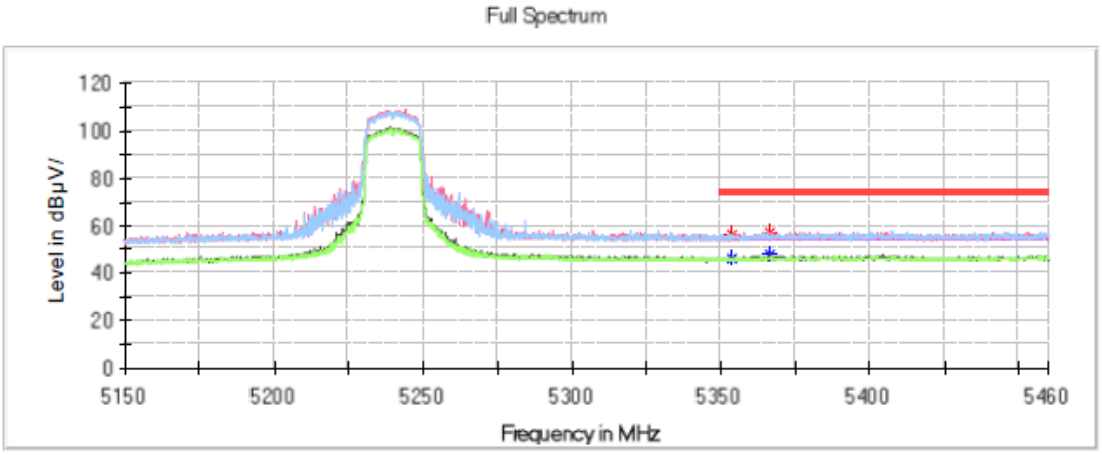


Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5125.200000	57.25	---	74.00	16.75	V	8.2
5125.200000	---	45.34	54.00	8.66	V	8.2
5149.800000	54.23	---	74.00	19.77	H	8.2
5149.800000	---	47.09	54.00	6.91	H	8.2

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac20 mode 5240 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



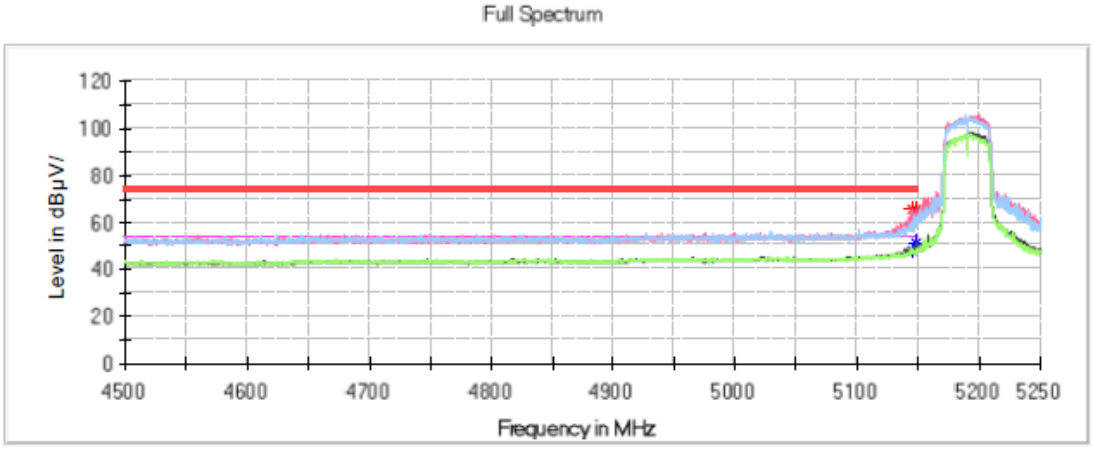
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5353.608000	56.62	---	74.00	17.38	H	8.7
5353.608000	---	46.23	54.00	7.77	H	8.7
5366.132000	56.97	---	74.00	17.03	V	8.8
5366.132000	---	47.58	54.00	6.42	V	8.8

802.11ac40 Mode:

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac40 mode 5190 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

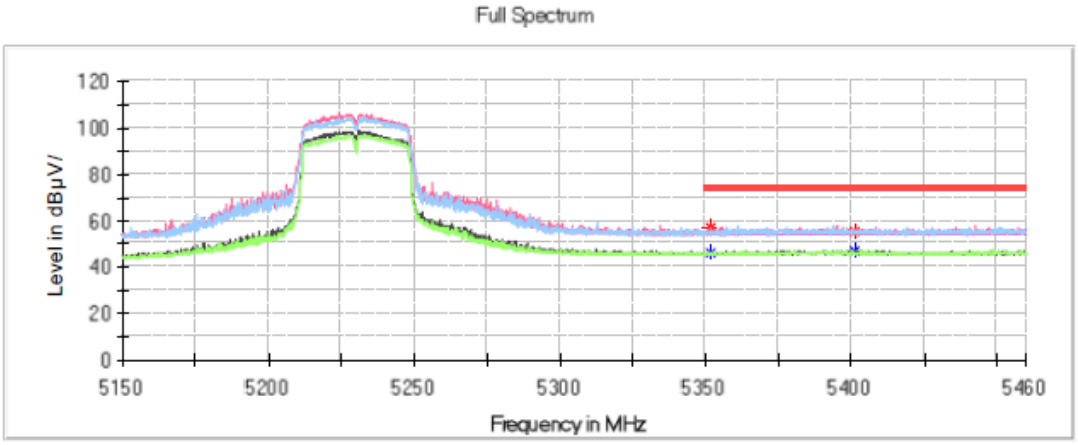


Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5144.400000	---	48.20	54.00	5.80	V	8.2
5144.400000	65.20	---	74.00	8.80	V	8.2
5148.600000	---	50.91	54.00	3.09	V	8.2
5148.600000	65.70	---	74.00	8.30	V	8.2

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac40 mode 5230 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



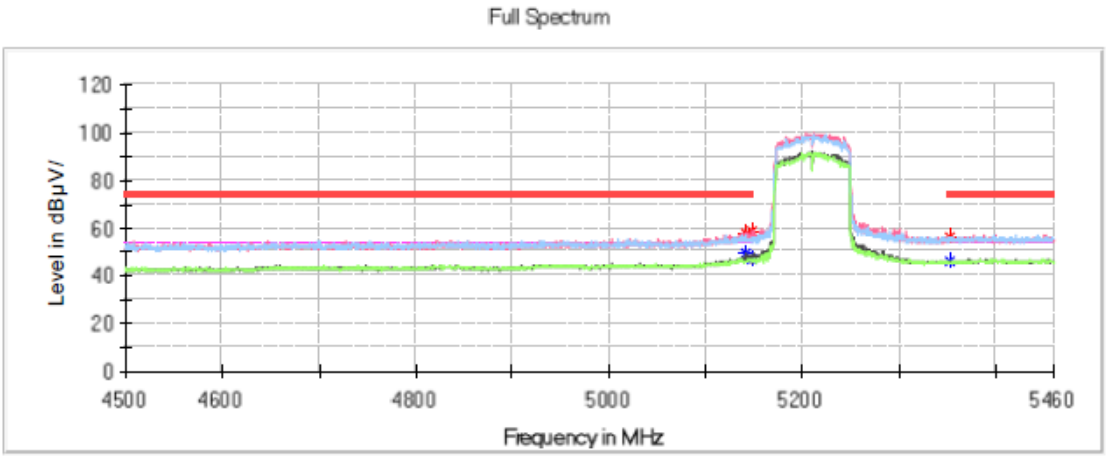
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5351.500000	56.66	---	74.00	17.34	V	8.7
5351.500000	---	46.00	54.00	8.00	V	8.7
5401.348000	55.01	---	74.00	18.99	V	8.9
5401.348000	---	47.19	54.00	6.81	V	8.9

802.11ac80 Mode:

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac80 mode 5210 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5142.048000	57.66	---	74.00	16.34	V	8.2
5142.048000	---	49.38	54.00	4.62	V	8.2
5148.192000	58.78	---	74.00	15.22	V	8.2
5148.192000	---	46.69	54.00	7.31	V	8.2
5351.712000	---	45.87	54.00	8.13	V	8.7
5351.712000	56.39	---	74.00	17.61	V	8.7

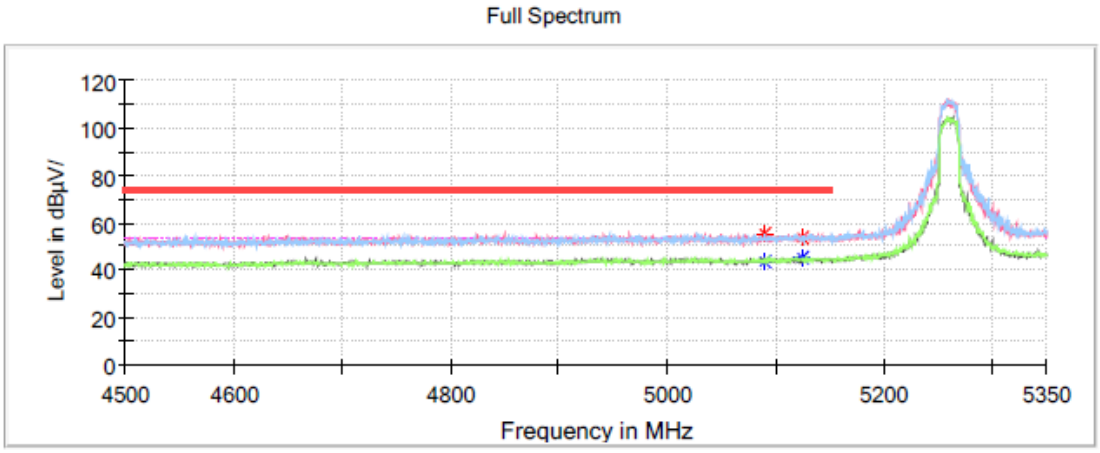
Restricted Bands Emissions Test (5250-5350MHz Band):

Note:
1. Corrected Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
2. Corrected Amplitude = Corrected Factor + Reading
3. Margin = Limit - Corrected. Amplitude

802.11a Mode:

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11a mode 5260 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



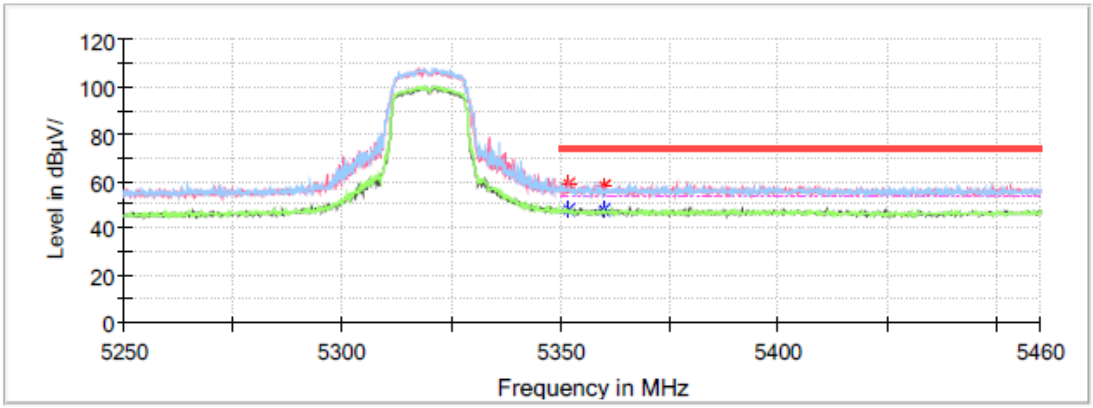
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5089.560000	55.71	---	74.00	18.29	V	8.1
5089.560000	---	43.90	54.00	10.10	V	8.1
5124.920000	53.52	---	74.00	20.48	H	8.2
5124.920000	---	45.45	54.00	8.55	H	8.2

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11a mode 5320 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

Full Spectrum



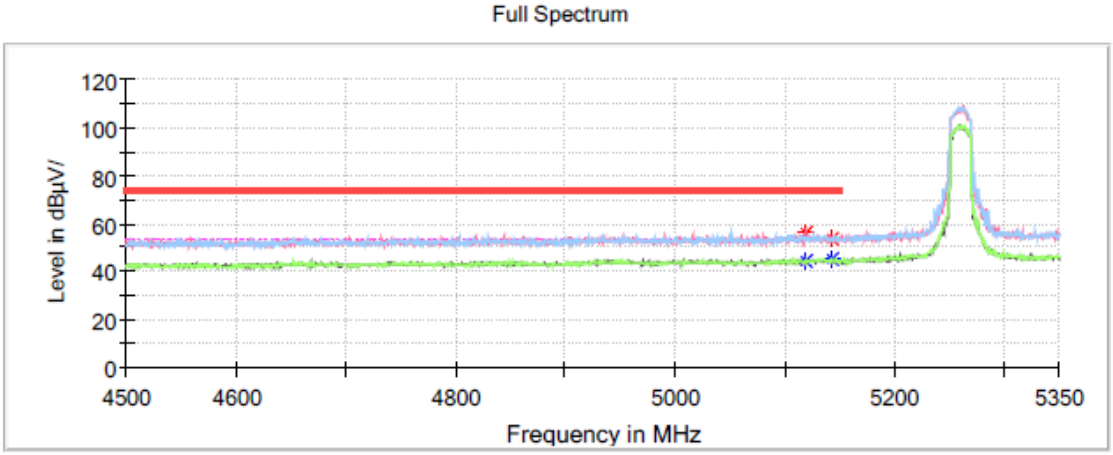
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5351.640000	58.51	---	74.00	15.49	V	8.7
5351.640000	---	48.14	54.00	5.86	V	8.7
5359.872000	---	47.43	54.00	6.57	V	8.8
5359.872000	57.50	---	74.00	16.50	V	8.8

802.11ac20 Mode:

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac20 mode 5260 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



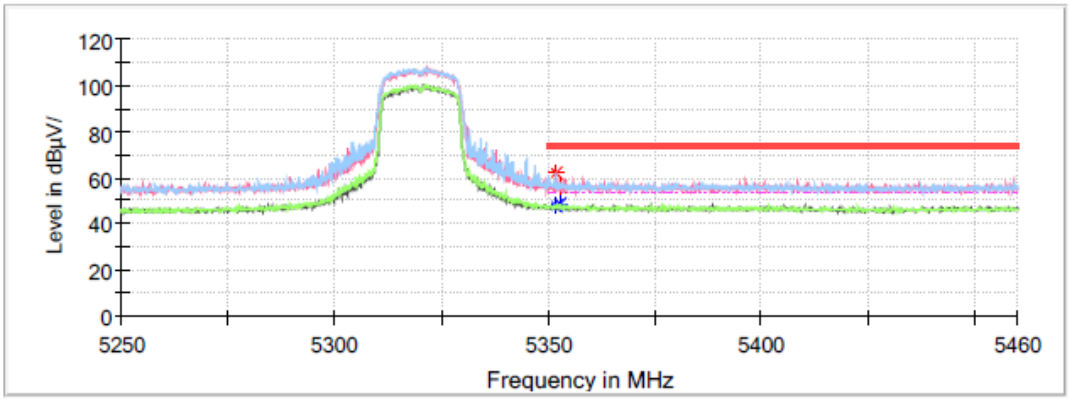
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5118.460000	56.58	---	74.00	17.42	V	8.1
5118.460000	---	44.66	54.00	9.34	V	8.1
5142.260000	53.62	---	74.00	20.38	H	8.2
5142.260000	---	45.32	54.00	8.68	H	8.2

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac20 mode 5320 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

Full Spectrum



Critical_Freqs

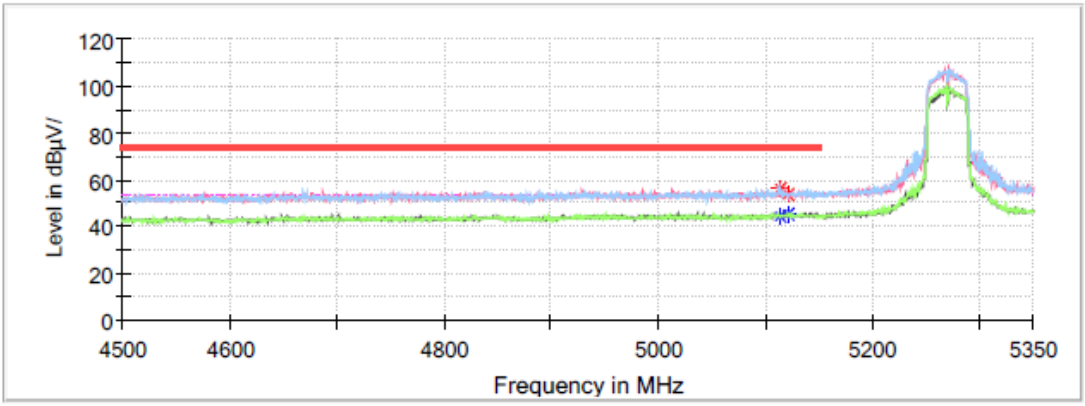
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5351.724000	62.11	---	74.00	11.89	H	8.7
5351.724000	---	47.66	54.00	6.34	H	8.7
5352.732000	56.27	---	74.00	17.73	H	8.7
5352.732000	---	48.27	54.00	5.73	H	8.7

802.11ac40 Mode:

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac40 mode 5270 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

Full Spectrum



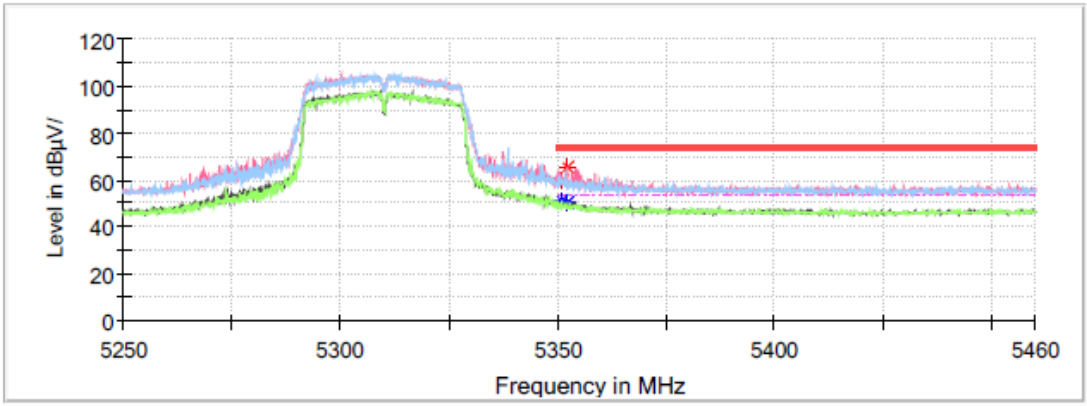
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5114.380000	56.32	---	74.00	17.68	H	8.1
5114.380000	---	44.59	54.00	9.41	H	8.1
5121.180000	54.03	---	74.00	19.97	V	8.2
5121.180000	---	45.66	54.00	8.34	V	8.2

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac40 mode 5310 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

Full Spectrum



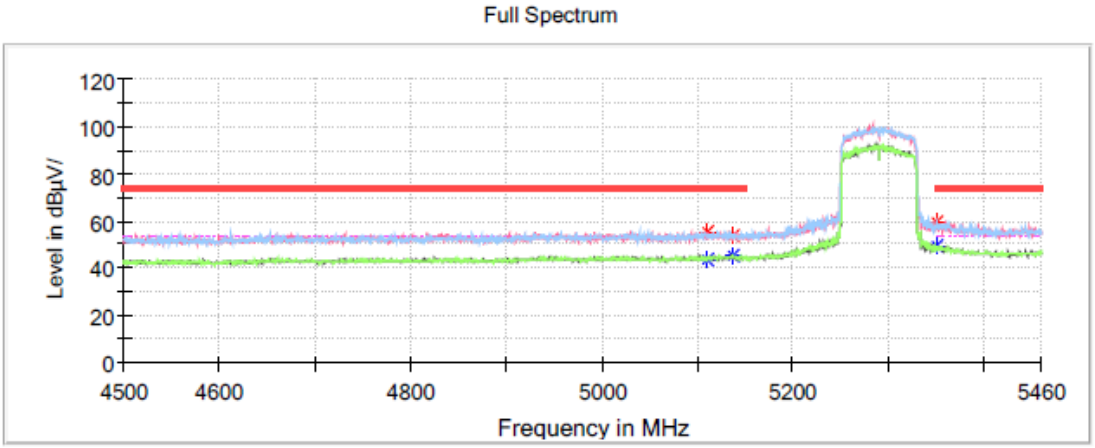
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5350.884000	---	50.80	54.00	3.20	H	8.7
5350.884000	59.83	---	74.00	14.17	H	8.7
5352.228000	---	49.94	54.00	4.06	V	8.7
5352.228000	65.73	---	74.00	8.27	V	8.7

802.11ac80 Mode:

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac80 mode 5290 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5109.792000	---	43.87	54.00	10.13	V	8.1
5109.792000	55.62	---	74.00	18.38	V	8.1
5137.440000	---	45.51	54.00	8.49	V	8.2
5137.440000	53.95	---	74.00	20.05	V	8.2
5350.944000	59.29	---	74.00	14.71	H	8.7
5350.944000	---	49.35	54.00	4.65	H	8.7

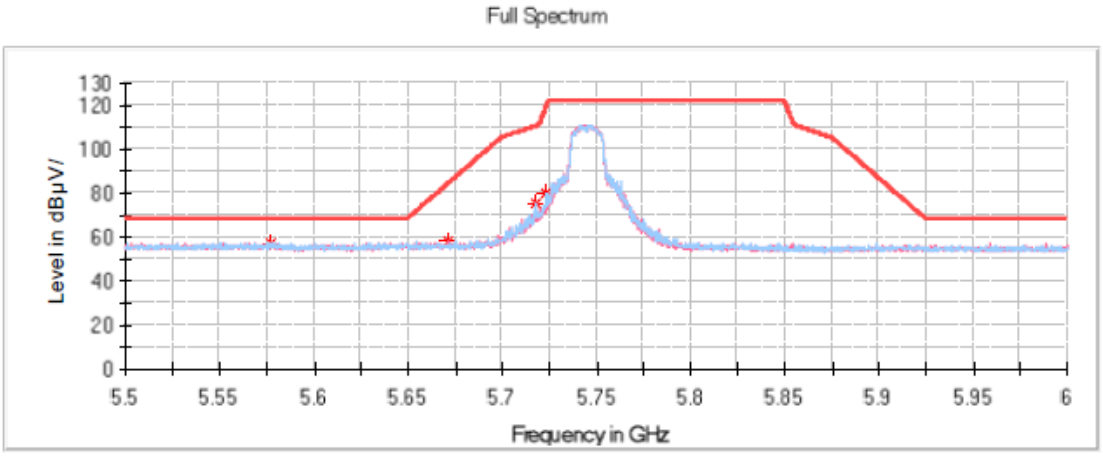
Bandedge Emissions Test (5725-5850MHz Band):

Note:
1. Corrected Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
2. Corrected Amplitude = Corrected Factor + Reading
3. Margin = Limit - Corrected. Amplitude

802.11a Mode:

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11a mode 5745 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

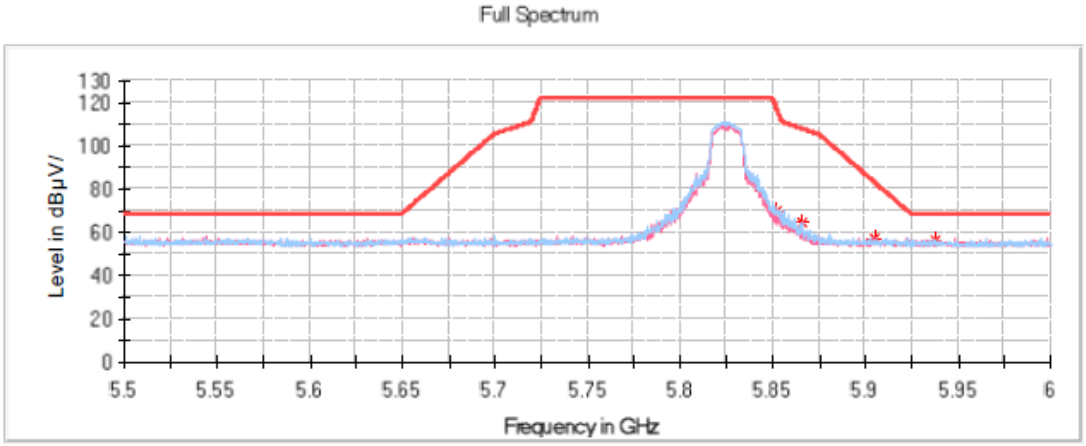


Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5577.600000	57.68	---	68.20	10.52	H	9.0
5671.400000	57.73	---	84.04	26.31	V	8.9
5717.400000	75.30	---	110.07	34.77	H	8.9
5723.400000	79.65	---	118.55	38.90	H	8.9

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11a mode 5825 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



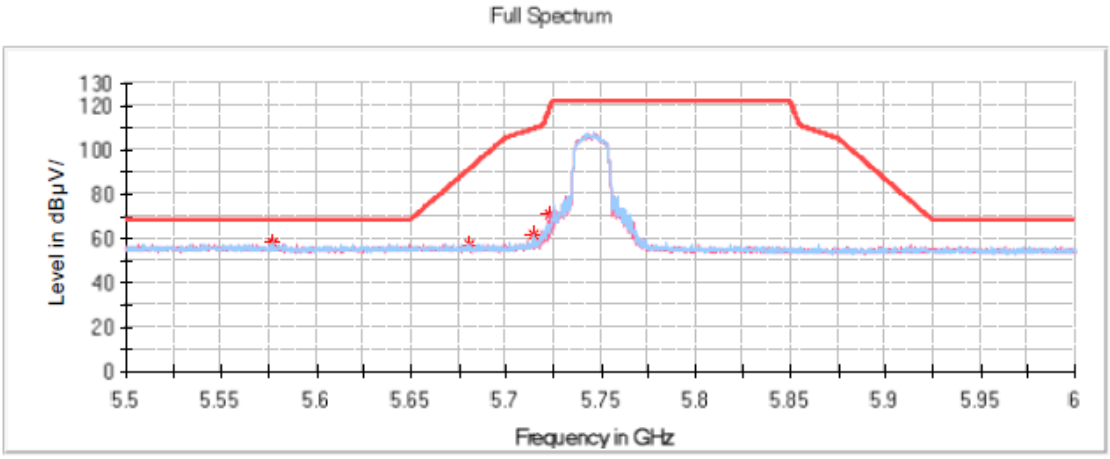
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5852.400000	70.04	---	116.73	46.69	H	8.7
5865.600000	64.82	---	107.83	43.01	H	8.7
5904.600000	57.34	---	83.30	25.95	V	8.7
5937.600000	56.76	---	68.20	11.44	V	8.6

802.11ac20 Mode:

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac20 mode 5745 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

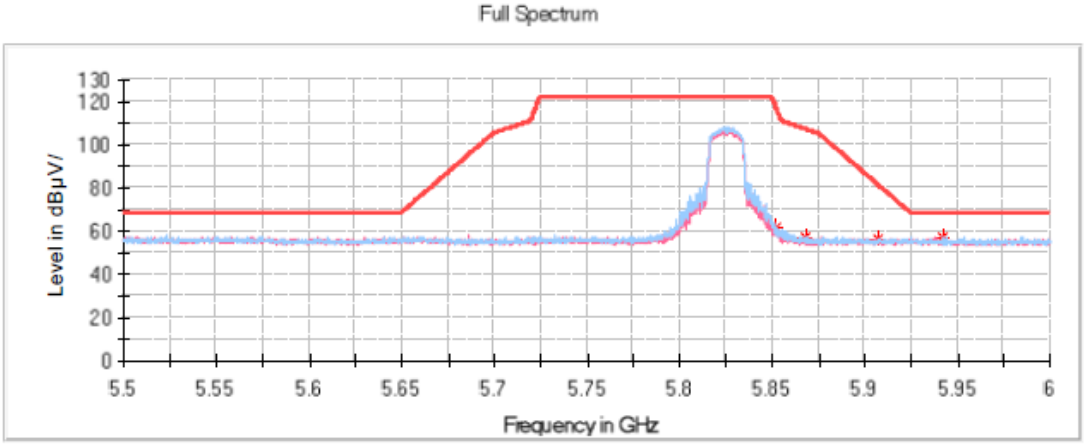


Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5577.000000	57.93	---	68.20	10.27	H	9.0
5680.800000	57.52	---	90.99	33.47	H	8.9
5714.200000	61.54	---	109.18	47.64	V	8.9
5723.000000	71.18	---	117.64	46.46	V	8.9

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac20 mode 5825 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



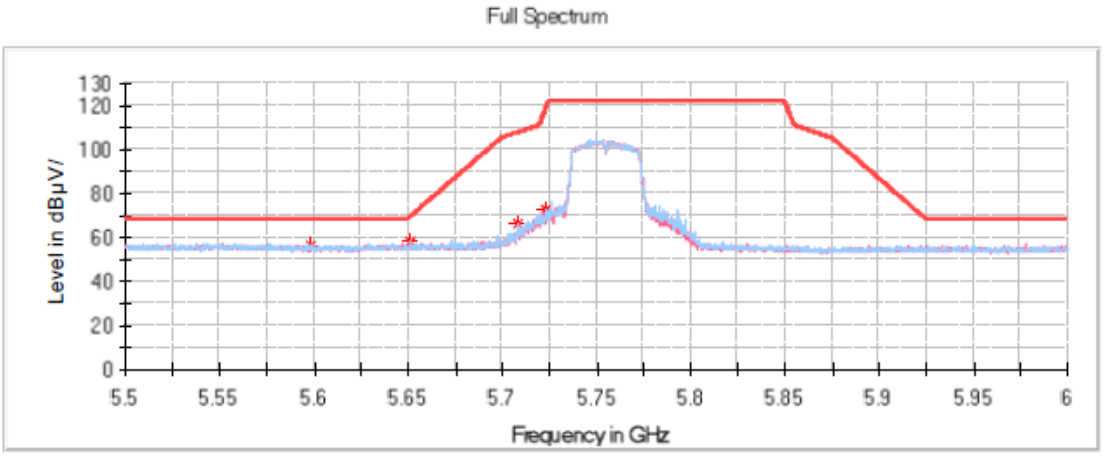
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5852.200000	61.56	---	117.18	55.62	H	8.7
5867.400000	57.19	---	107.33	50.14	H	8.7
5907.200000	56.80	---	81.37	24.58	H	8.7
5941.600000	57.44	---	68.20	10.76	H	8.6

802.11ac40 Mode:

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac40 mode 5755 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

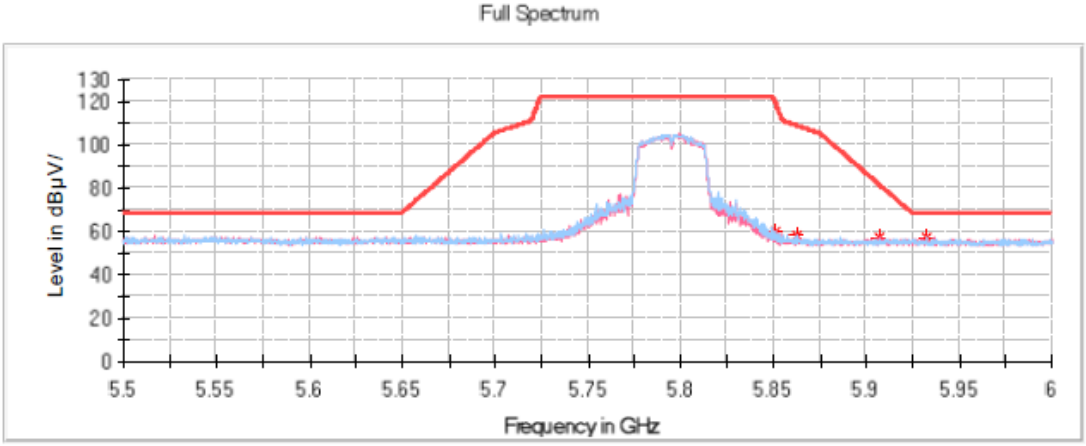


Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5597.800000	56.76	---	68.20	11.44	V	9.0
5651.000000	58.19	---	68.94	10.75	V	8.9
5708.000000	66.25	---	107.44	41.19	H	8.9
5723.200000	72.44	---	118.10	45.66	H	8.9

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac40 mode 5795 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu

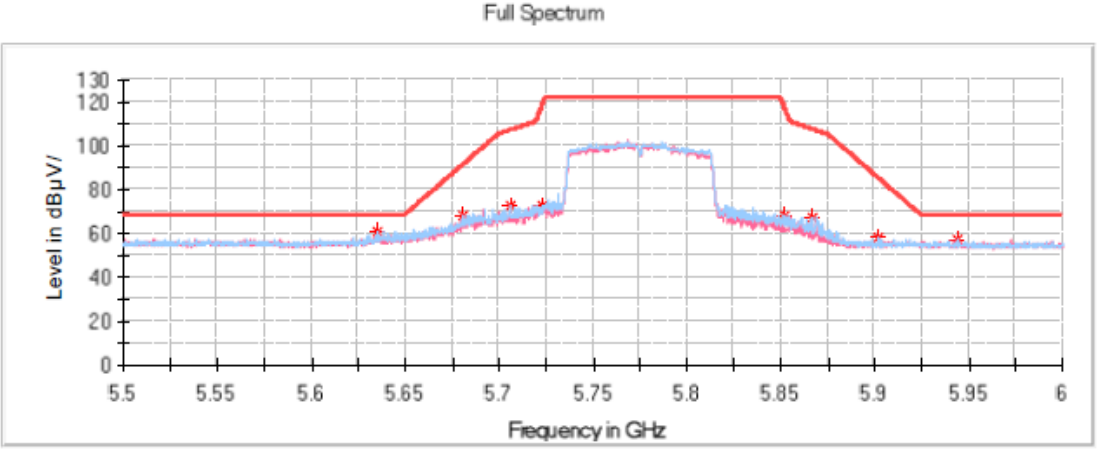


Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5851.000000	59.90	---	119.92	60.02	H	8.7
5862.200000	57.89	---	108.78	50.89	H	8.7
5907.000000	57.33	---	81.52	24.19	V	8.7
5932.400000	56.86	---	68.20	11.34	V	8.7

Common Information

Project No.:	RKSA240808001
Test Mode:	5G WIFI 802.11ac80 mode 5775 channel
Standard:	FCC Part 15.407& FCC Part 15.205&FCC Part 15.209
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Test Engineer:	Destine Hu



Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5635.000000	61.03	---	68.20	7.17	H	9.0
5680.600000	68.61	---	90.84	22.23	H	8.9
5706.000000	72.58	---	106.88	34.30	H	8.9
5723.400000	72.82	---	118.55	45.73	H	8.9
5852.000000	67.86	---	117.64	49.78	H	8.7
5866.400000	67.34	---	107.61	40.27	H	8.7
5902.200000	58.62	---	85.07	26.46	H	8.7
5944.400000	57.15	---	68.20	11.05	H	8.6

EMISSION BANDWIDTH

Environmental Conditions & Test Information

Test Date:	2025-02-13
Temperature:	16.2 ℃
Relative Humidity:	37 %
ATM Pressure:	102.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result: Compliant

5150-5250 MHz:

Test mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
802.11 a	Low	5180	25.863	16.7
	Middle	5200	27.720	16.75
	High	5240	26.821	16.75
802.11 ac20	Low	5180	20.702	17.65
	Middle	5200	20.808	17.6
	High	5240	20.808	17.65
802.11 ac40	Low	5190	41.200	36.3
	High	5230	41.100	36.3
802.11 ac80	Middle	5210	81.800	75.2

Note: the 99% Occupied Bandwidth have not fall into the band 5250-5350MHz.

5250-5350 MHz:

Test mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
802.11 a	Low	5260	27.272	16.7
	Middle	5280	20.453	16.55
	High	5320	20.402	16.55
802.11 ac20	Low	5260	20.706	17.6
	Middle	5280	20.705	17.65
	High	5320	20.654	17.6
802.11 ac40	Low	5270	41.400	36.2
	High	5310	41.200	36.2
802.11 ac80	Middle	5290	81.600	75.4

5725-5850 MHz:

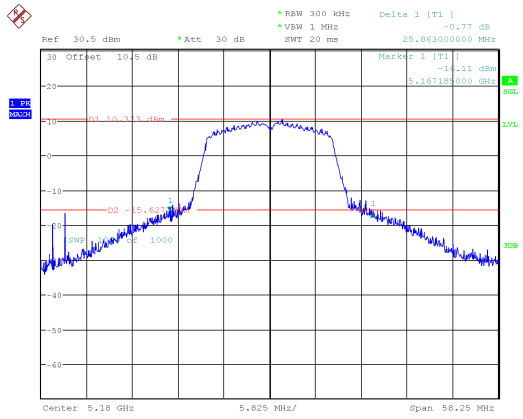
Test mode	Channel	Frequency (MHz)	99% Bandwidth (MHz)
802.11 a	Low	5745	16.800
	Middle	5785	16.750
	High	5825	16.750
802.11 ac20	Low	5745	17.650
	Middle	5785	17.650
	High	5825	17.650
802.11 ac40	Low	5755	36.300
	High	5795	36.300
802.11 ac80	Middle	5775	75.600

Note: the 99% Occupied Bandwidth have not fall into the band 5470-5725MHz.

Test mode	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
802.11 a	Low	5745	15.250	0.5
	Middle	5785	15.250	
	High	5825	15.250	
802.11 ac20	Low	5745	15.200	
	Middle	5785	15.250	
	High	5825	15.250	
802.11 ac40	Low	5755	35.300	
	High	5795	35.300	
802.11 ac80	Middle	5775	75.600	

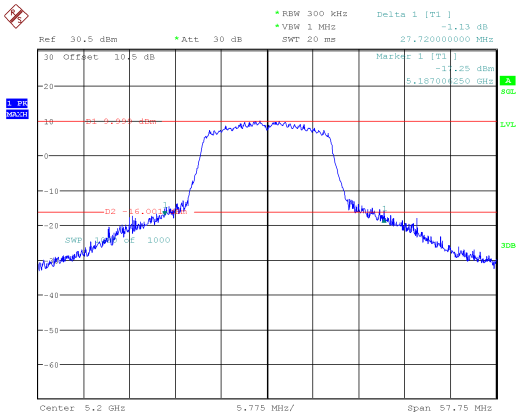
26dB Bandwidth
5150-5250 MHz Band:

802.11a mode, 5180MHz



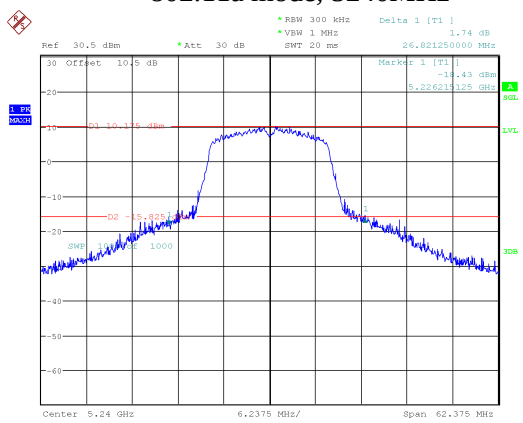
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 11:05:18

802.11a mode, 5200MHz



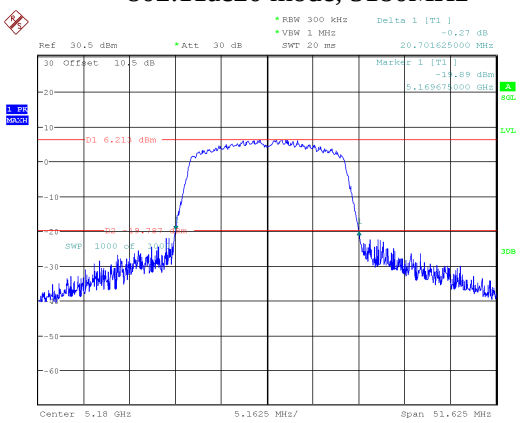
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 11:14:40

802.11a mode, 5240MHz



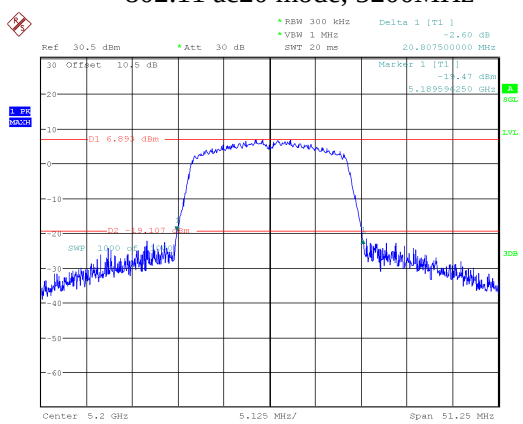
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 11:19:05

802.11ac20 mode, 5180MHz



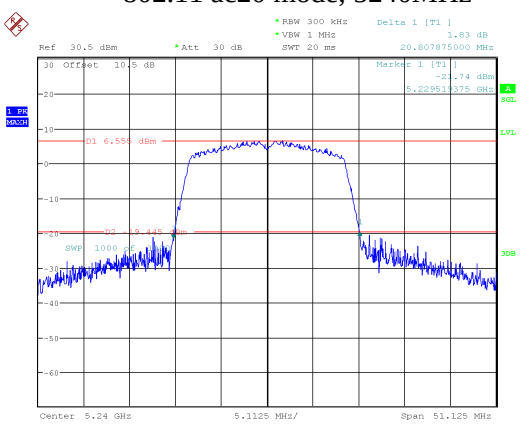
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 13:24:46

802.11 ac20 mode, 5200MHz



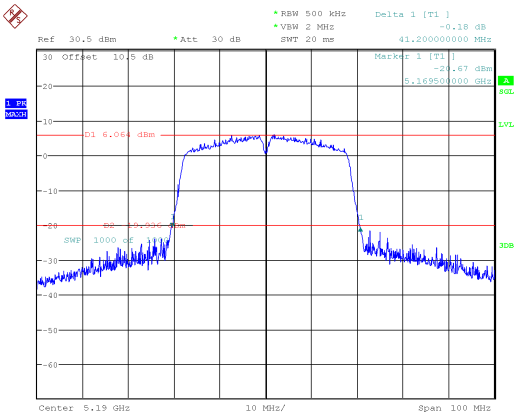
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 13:35:35

802.11 ac20 mode, 5240MHz



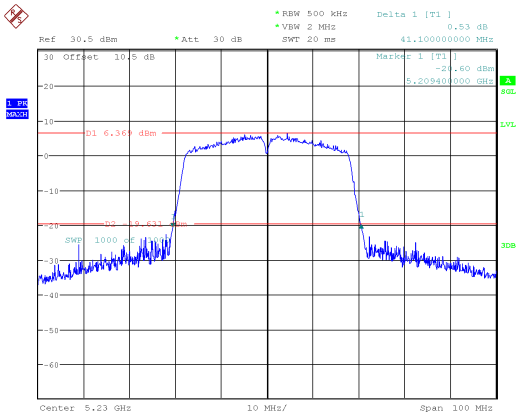
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 13:39:54

802.11ac40 mode, 5190MHz



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 14:24:54

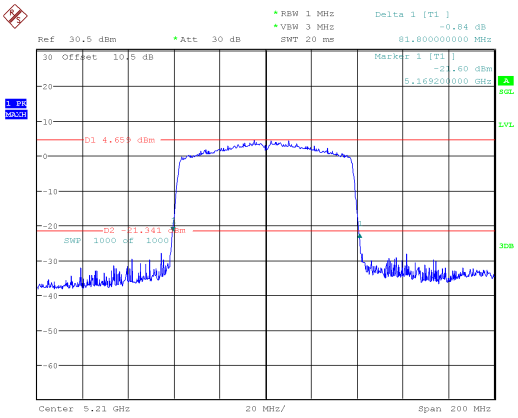
802.11 ac40 mode, 5230MHz



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 14:30:01

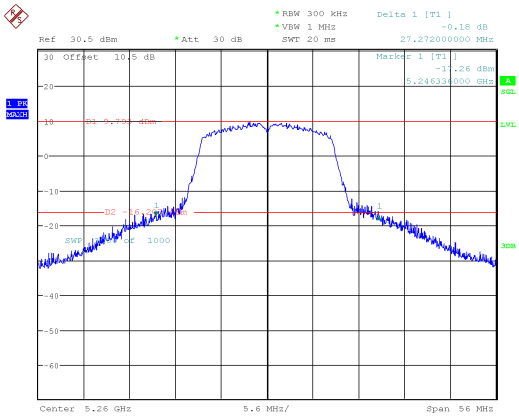
5250-5350 MHz Band:

802.11ac80 mode, 5210MHz



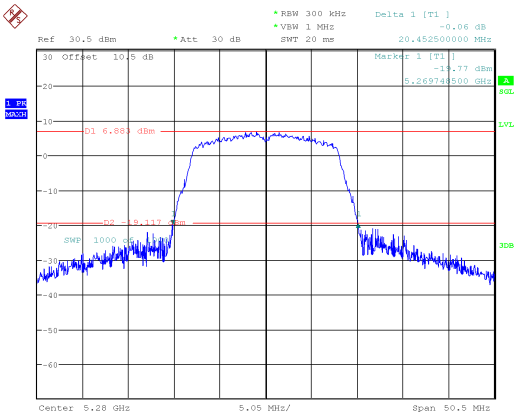
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 15:10:08

802.11a mode, 5260MHz



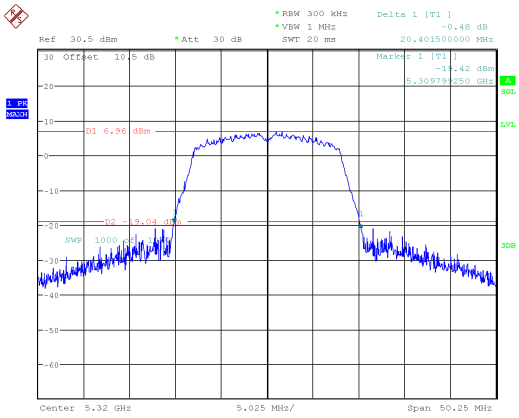
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 11:25:18

802.11a mode, 5280MHz



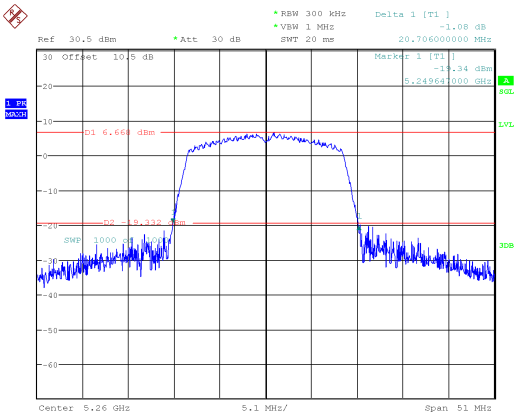
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 11:32:56

802.11a mode, 5320MHz



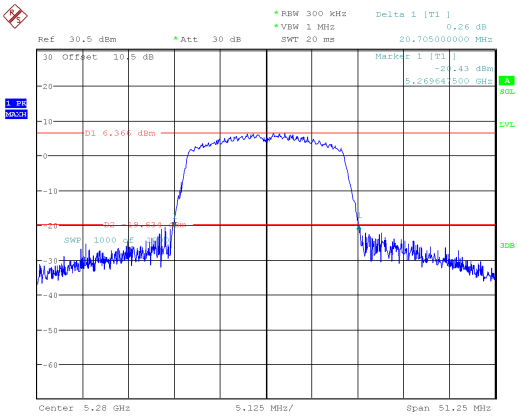
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 11:37:45

802.11ac20 mode, 5260MHz



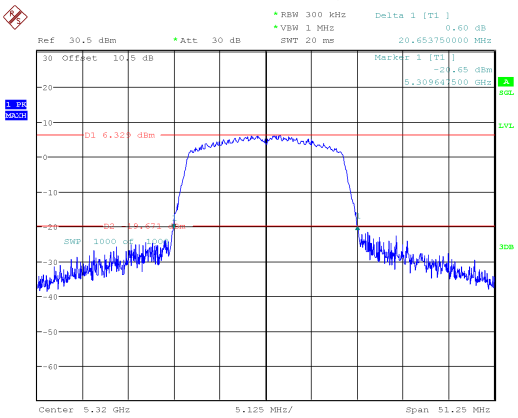
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 13:43:45

802.11 ac20 mode, 5280MHz



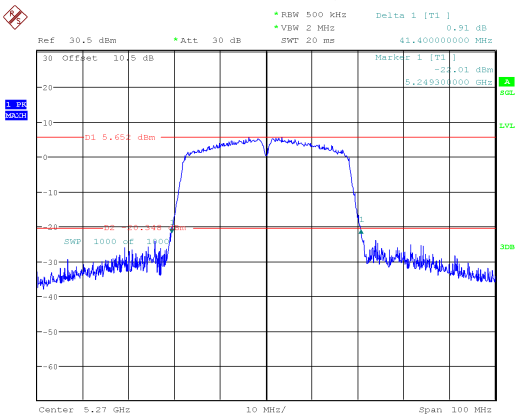
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 13:50:41

802.11 ac20 mode, 5320MHz



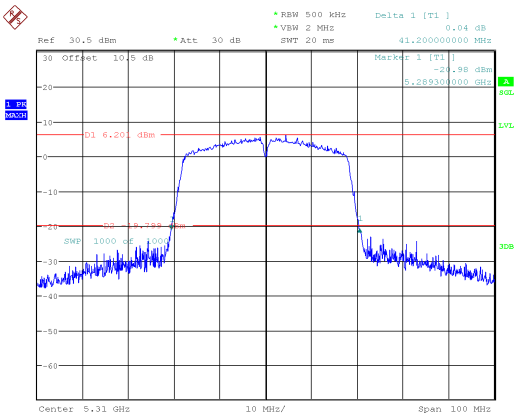
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 13:55:52

802.11ac40 mode, 5270MHz



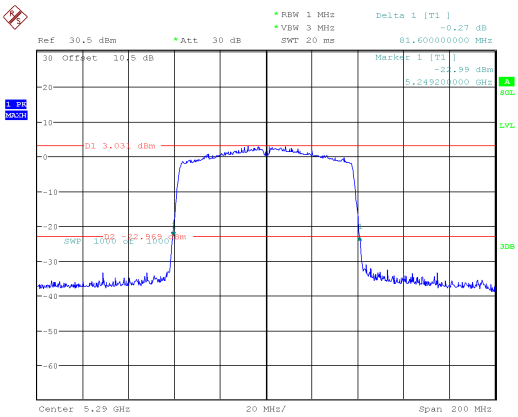
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 14:38:17

802.11 ac40 mode, 5310MHz



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 14:42:47

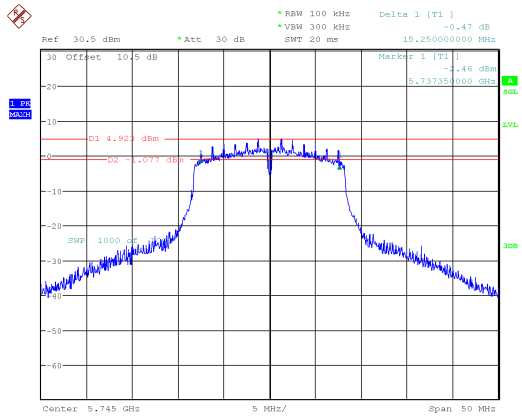
802.11ac80 mode, 5290MHz



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 15:16:11

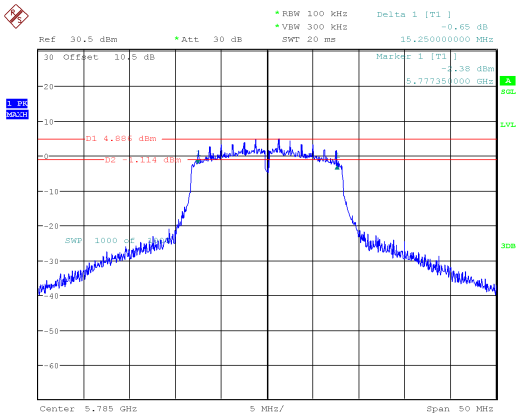
6dB Bandwidth
5725-5850 MHz Band

802.11a mode, 5745MHz



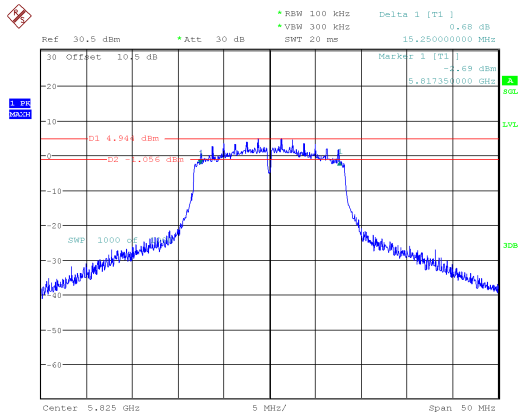
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 11:44:17

802.11a mode, 5785MHz



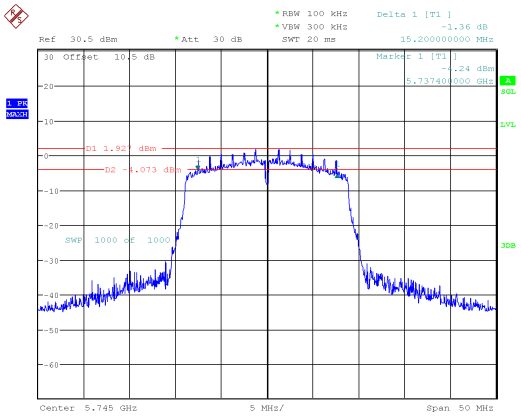
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 11:48:35

802.11a mode, 5825MHz



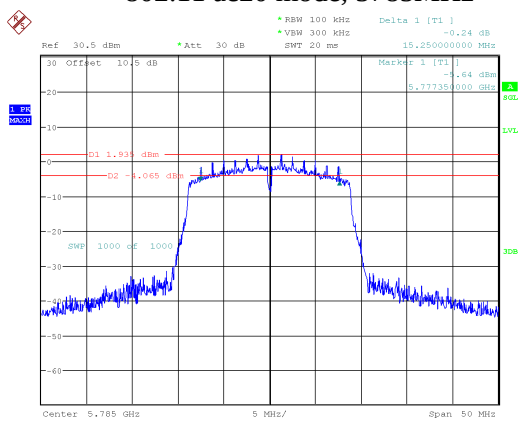
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 11:52:50

802.11ac20 mode, 5745MHz



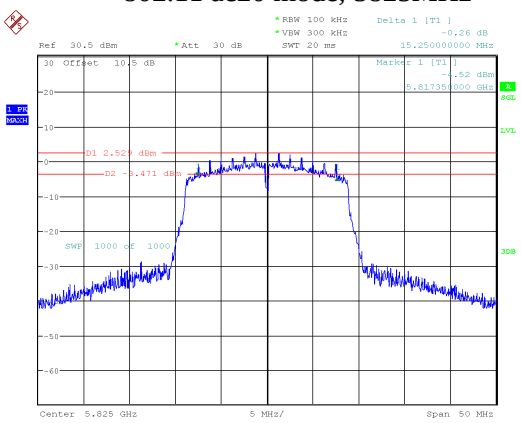
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 14:00:05

802.11 ac20 mode, 5785MHz



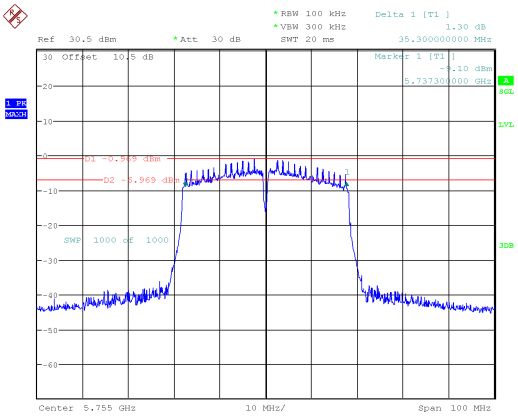
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 14:06:46

802.11 ac20 mode, 5825MHz



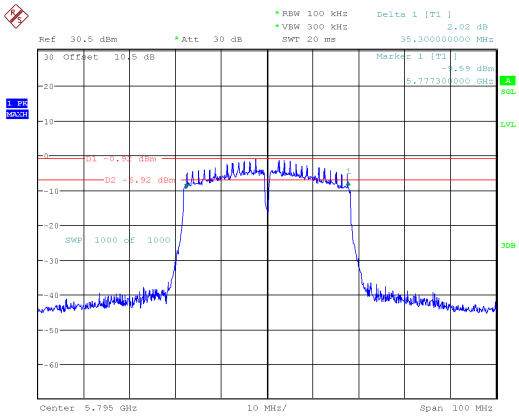
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 14:17:03

802.11ac40 mode, 5755MHz



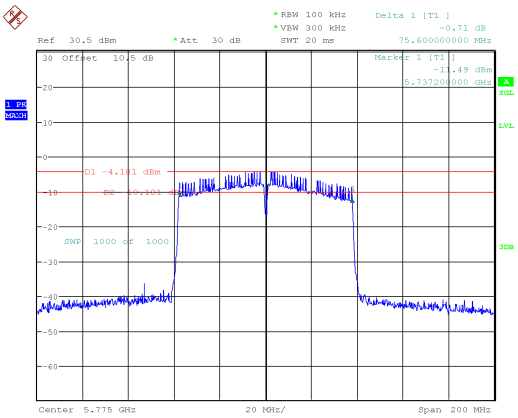
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 14:47:46

802.11 ac40 mode, 5795MHz



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 14:52:29

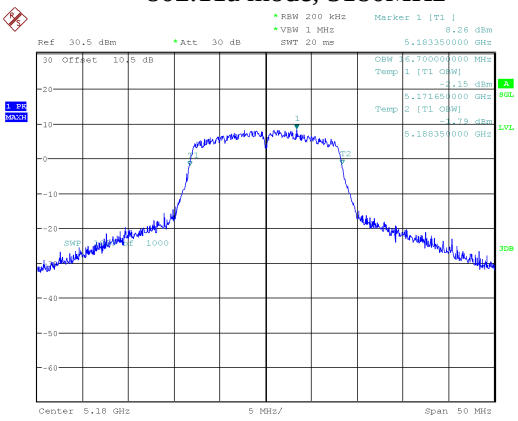
802.11ac80 mode, 5775MHz



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 15:22:08

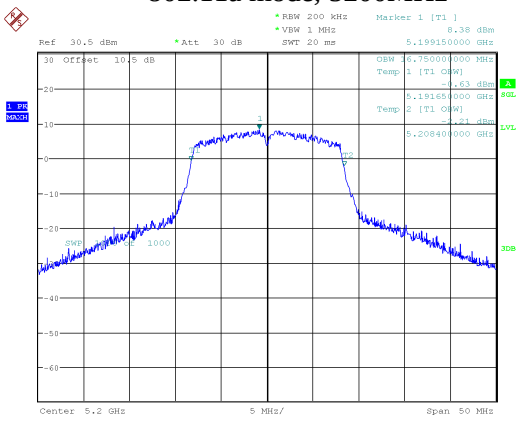
99% Occupied Bandwidth
5150-5250 MHz Band:

802.11a mode, 5180MHz



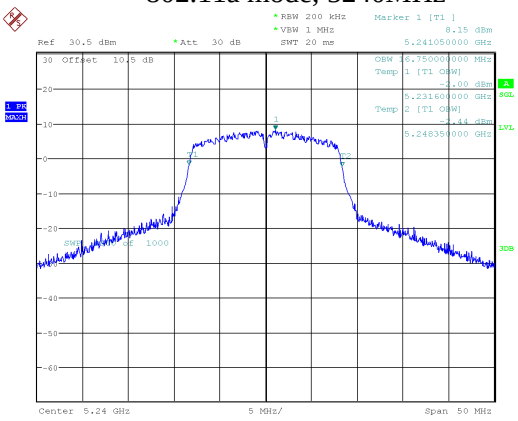
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 11:01:40

802.11a mode, 5200MHz



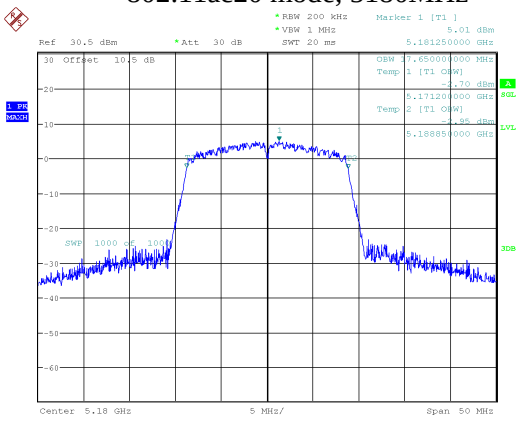
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 11:06:58

802.11a mode, 5240MHz



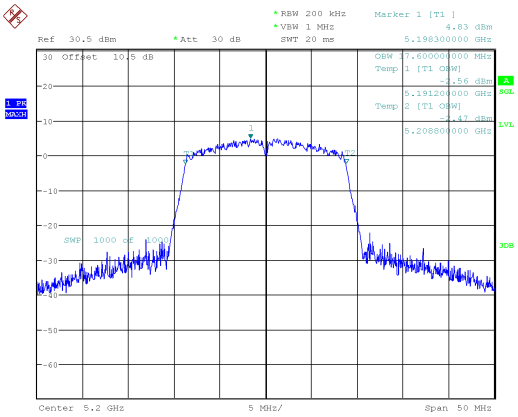
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 11:16:37

802.11ac20 mode, 5180MHz



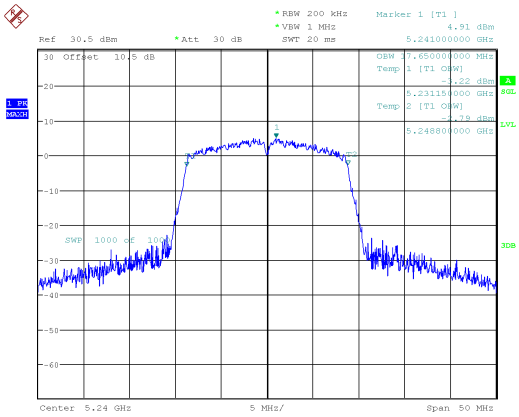
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 13:19:40

802.11 ac20 mode, 5200MHz



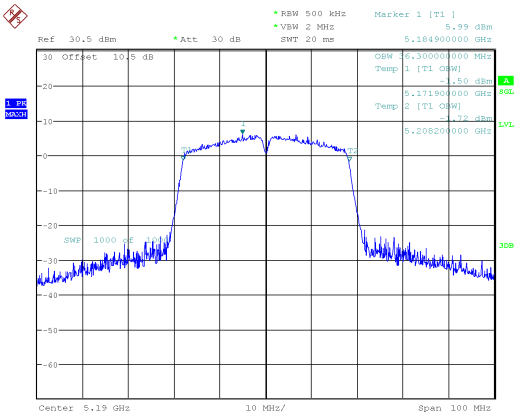
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 13:32:56

802.11 ac20 mode, 5240MHz



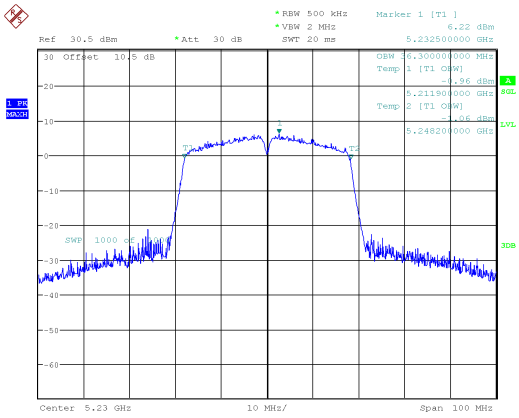
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 13:37:21

802.11ac40 mode, 5190MHz



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 14:21:10

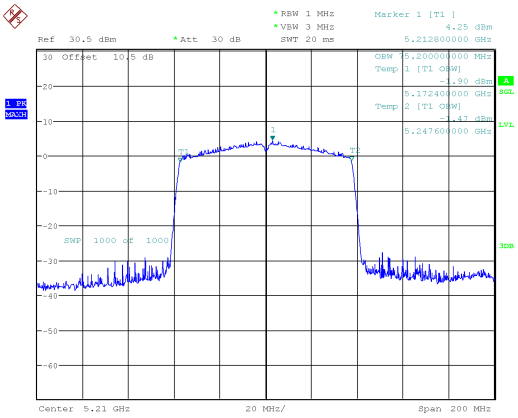
802.11 ac40 mode, 5230MHz



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 14:27:51

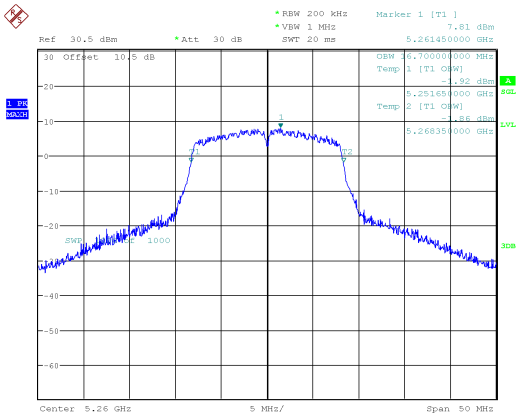
5250-5350 MHz Band:

802.11ac80 mode, 5210MHz



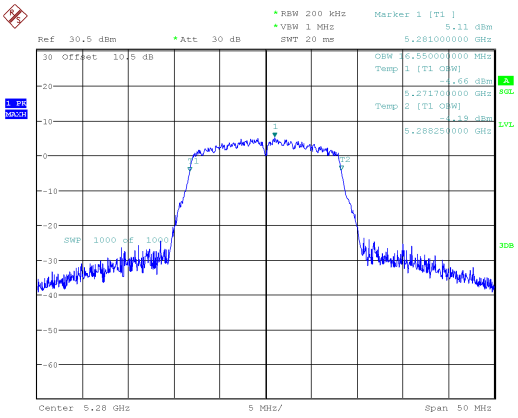
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 15:07:36

802.11a mode, 5260MHz



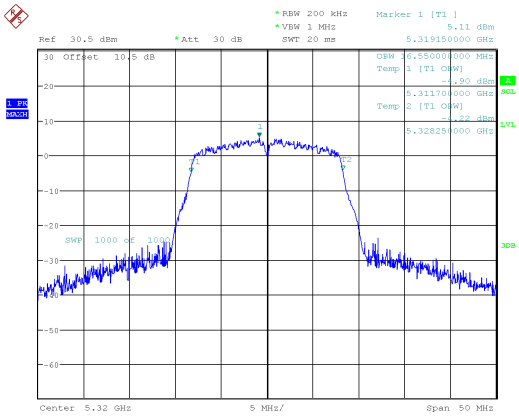
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 11:26:17

802.11a mode, 5280MHz



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 11:30:37

802.11a mode, 5320MHz



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 13.FEB.2025 11:35:26