

FCC PART 15.407

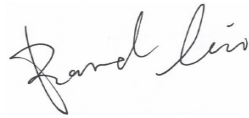
TEST REPORT

For

Infinite Clouds

Office 406, Road 3307, Block 333, Um Al Hassam Manama Bahrain

FCC ID: 2BE3S110

Report Type: Original Report	Product Name: Wireless Router
Report Number:	RKSA240228002-00C
Report Date:	2024-06-18
Reviewed By:	Bard Liu 
Approved By:	Kyle Xu 
Test Laboratory:	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

Note: This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Kunshan). This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, or any agency of the U.S. Government.

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REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	RKSA240228002-00C	R1V1	2024-06-18	Initial Release

GENERAL INFORMATION**Product Description for Equipment under Test (EUT)**

Applicant:	Infinite Clouds	
Tested Model:	Infinite 110	
Product Name:	Wireless Router	
Power Supply:	DC 12V from DC Jack or 51V from PoE	
Maximum Output Power	5G Wi-Fi B1:	5G Wi-Fi B4:
	802.11a:26.76 dBm	26.89 dBm
	802.11ac20:29.63 dBm	29.47 dBm
	802.11n-HT20:29.56 dBm	29.53 Bm
	802.11ac40:29.58 dBm	29.67 dBm
	802.11n-HT40:29.44 dBm	29.70 dBm
	802.11ac80:27.92 dBm	29.74 dBm
Operating Frequency	5G Wi-Fi B1: 5180-5240 MHz, B4: 5745-5825 MHz	
Channel Number	5G Wi-Fi B1: 7, B4: 8	
Channel Separation	5G Wi-Fi: 802.11a/ac20/n20: 20 MHz, ac40/n40: 40 MHz, ac80: 80 MHz	
Modulation Type	OFDM	
Antenna Type	PCB antenna	
★Maximum Antenna Gain	Chain 0/Chain 1: Band 1: 6 dBi; Band 4:6 dBi	

Note: The maximum antenna gain is provided by the applicant.

All measurement and test data in this report was gathered from production sample serial number: RKSA240228002-1 (Assigned by the BACL (Kunshan). The EUT supplied by the applicant was received on 2024-02-28.)

Objective

This type approval report is prepared for *Infinite Clouds* 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.

All emissions measurement was performed and Bay Area Compliance Laboratories Corp. (Kunshan).

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°C
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.

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

802.11a/ac20/n20 mode Channel 36, 40, 48 were tested.

802.11n40/ac40 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 **5725~5850 MHz** band,

802.11a/ac20/n20 mode Channel 149, 157, 165 were tested.

802.11n40/ac40 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

RF test tool: QSPR

The worst case was performed under:

U-NII	Mode	Data rate	★Power Level					
			Low Channel		Middle Channel		High Channel	
			Chain 0	Chain 1	Chain 0	Chain 1	Chain 0	Chain 1
5150~5250MHz	802.11a	6Mbps	15	15	15	15	15	15
	802.11n-HT20	MCS0	15	15	15	15	15	15
	802.11n-HT40	MCS0	15	15	15	15	15	15
	802.11ac-VHT20	MCS0	15	15	15	15	15	15
	802.11ac-VHT40	MCS0	15	15	/	/	15	15
	802.11ac-VHT80	MCS0	/	/	15	15	/	/

U-NII	Mode	Data rate	★Power Level					
			Low Channel		Middle Channel		High Channel	
			Chain 0	Chain 1	Chain 0	Chain 1	Chain 0	Chain 1
5725~5850MHz	802.11a	6Mbps	15	15	15	15	15	15
	802.11n-HT20	MCS0	15	15	15	15	15	15
	802.11n-HT40	MCS0	15	15	15	15	15	15
	802.11ac-VHT20	MCS0	15	15	15	15	15	15
	802.11ac-VHT40	MCS0	15	15	/	/	15	15
	802.11ac-VHT80	MCS0	/	/	15	15	/	/

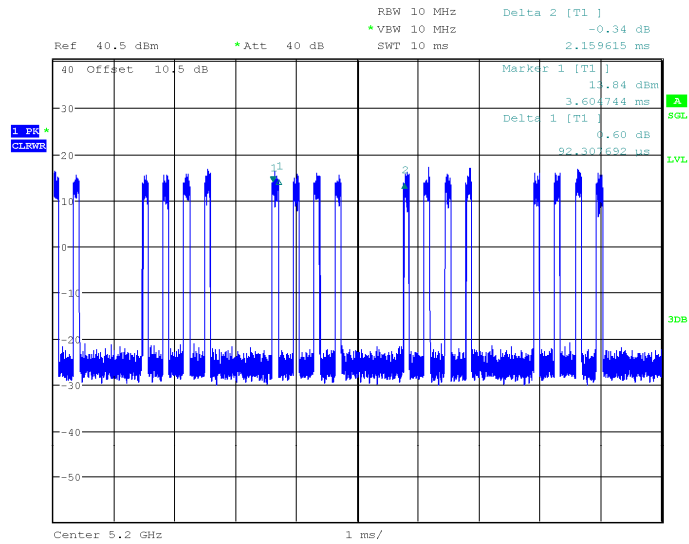
Note: The power level was declared by the applicant.

Duty Cycle

For Chain 0:

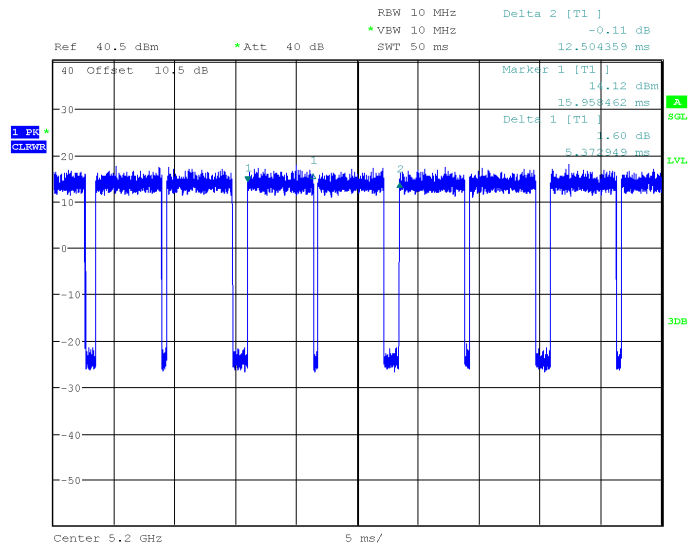
5150MHz-5250MHz Band:

802.11a mode 5200 MHz



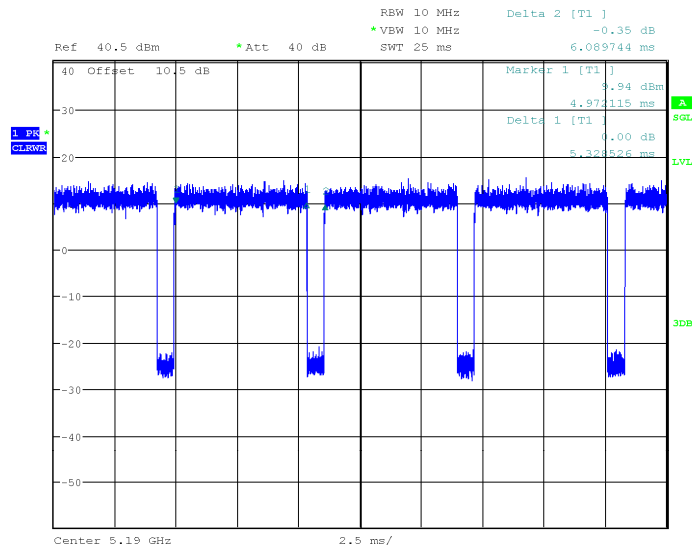
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802.11n20 mode 5200 MHz



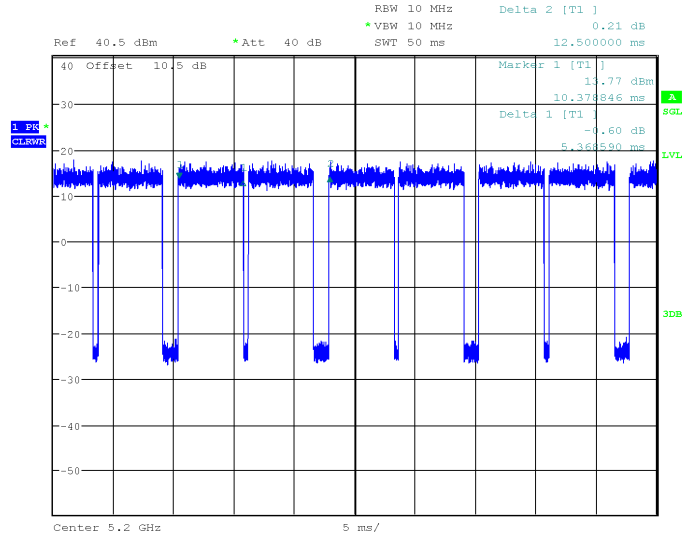
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802.11n40 mode 5190 MHz



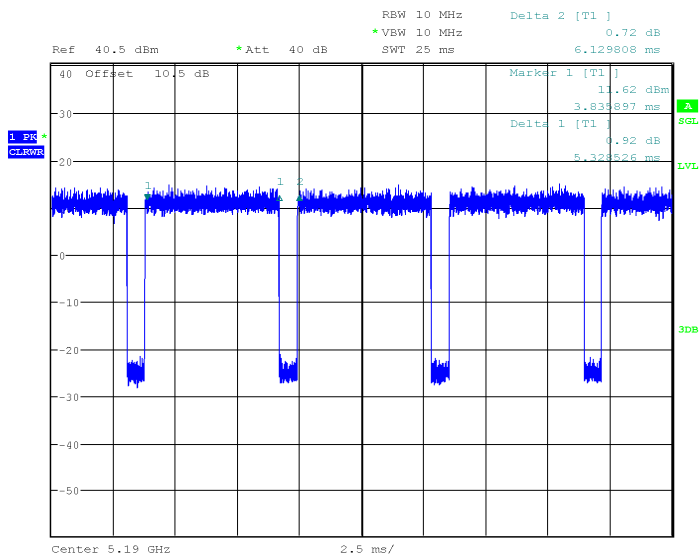
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802.11ac20 mode 5200 MHz



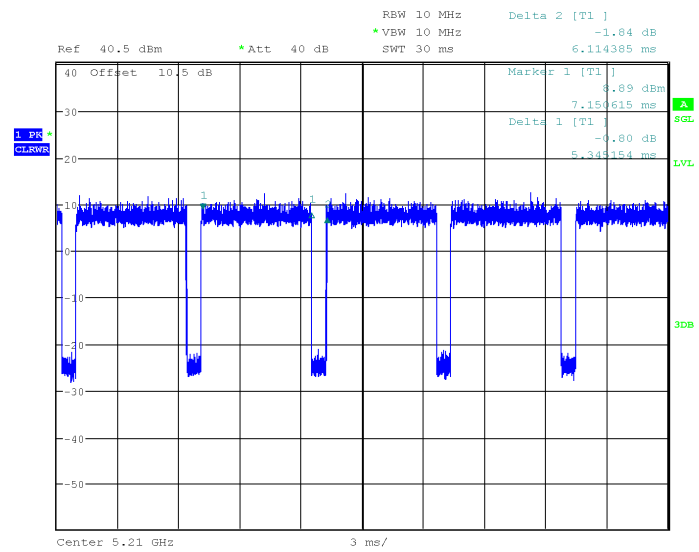
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802.11ac40 mode 5190 MHz



ProjectNo.:RKSA240228002 Tester:Jay Liu

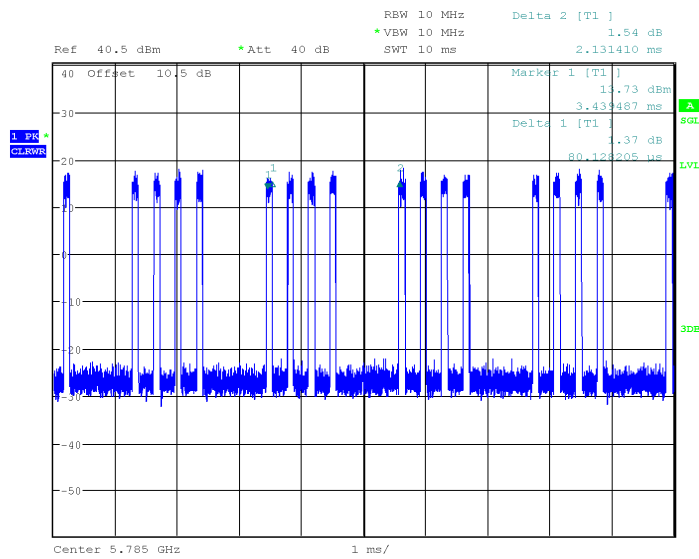
802.11ac80 mode 5210 MHz



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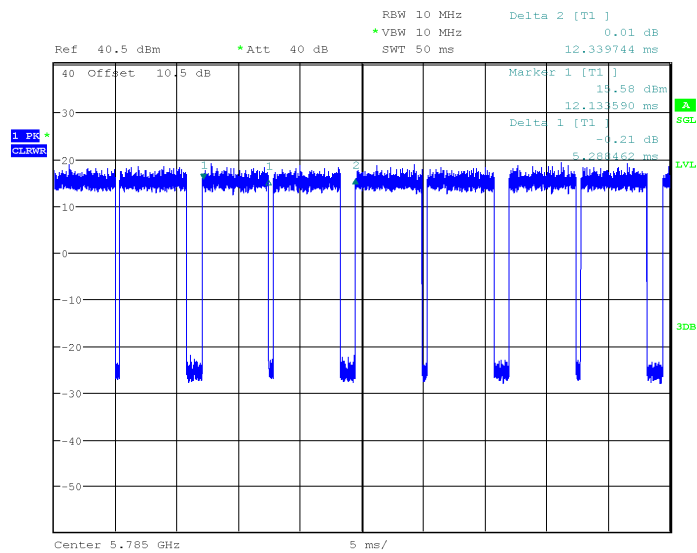
5725MHz-5850MHz Band:

802.11a mode 5785 MHz



ProjectNo.:RKSA240228002 Tester:Jay Liu

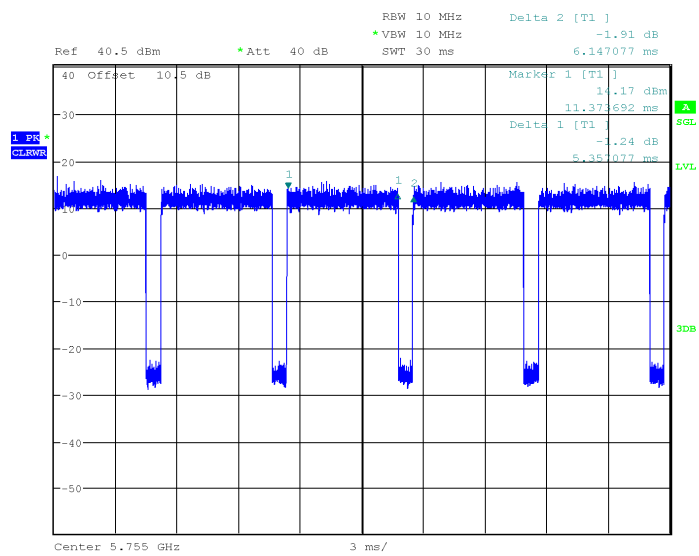
802.11n20 mode 5785 MHz



ProjectNo.:RKSA240228002 Tester:Jay Liu

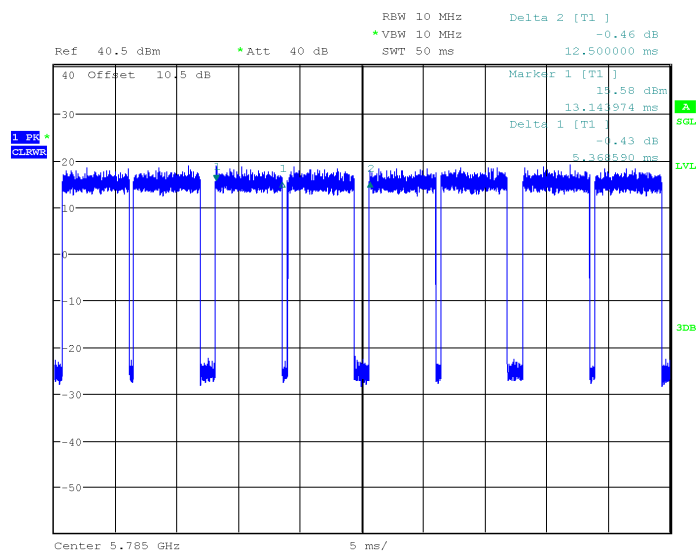
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802.11n40 mode 5755 MHz



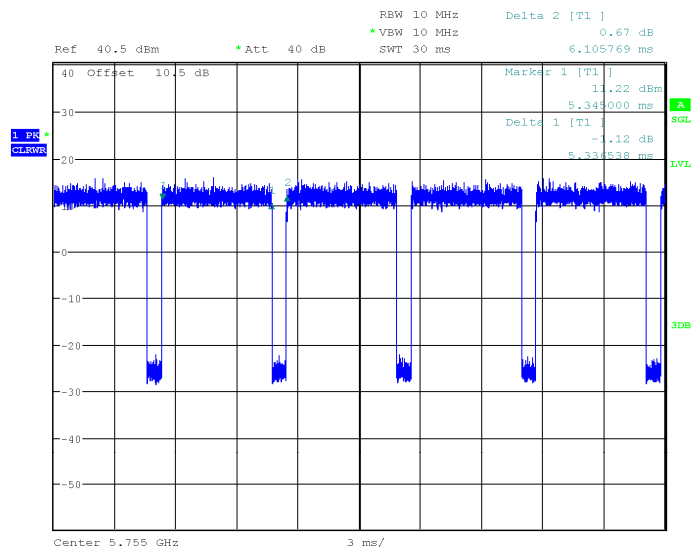
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802.11ac20 mode 5785 MHz



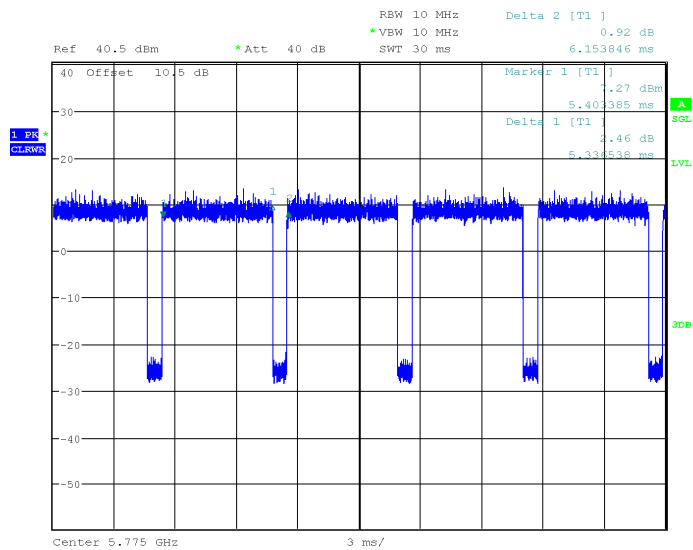
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802.11ac40 mode 5755 MHz



ProjectNo.:RKSA240228002 Tester:Jay Liu
Date: 5.JUN.2024 18:09:32

802.11ac80 mode 5775 MHz



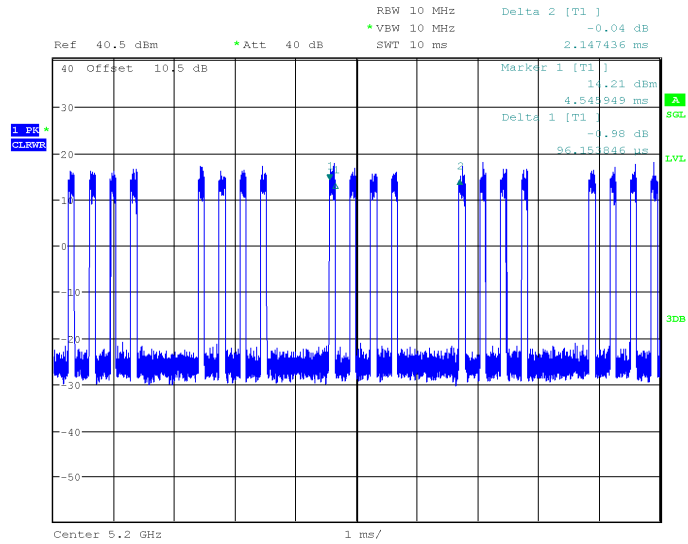
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Date: 5.JUN.2024 18:19:57

Test Mode	Antenna	Channel (MHz)	Transmission Duration (ms)	Transmission Period	Duty Cycle (%)	Duty Cycle Factor
802.11a	Chain 0	5200	0.369	2.16	17.08	7.67
		5785	0.321	2.131	15.06	8.22
802.11n-HT20		5200	10.746	12.504	85.94	0.66
		5785	10.577	12.334	85.75	0.67
802.11n-HT40		5190	5.329	6.09	87.50	0.58
		5755	5.357	6.147	87.15	0.60
802.11ac-VHT20		5200	10.737	12.5	85.90	0.66
		5785	10.714	12.5	85.71	0.67
802.11ac-VHT40		5190	5.329	6.13	86.93	0.61
		5755	5.337	6.106	87.41	0.58
802.11ac-VHT80		5210	5.345	6.114	87.42	0.58
		5775	5.337	6.154	86.72	0.62

For Chain 1:

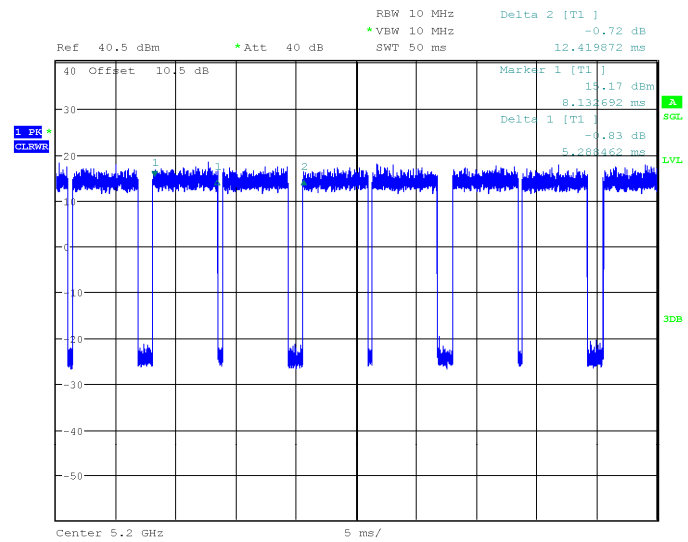
5150MHz-5250MHz Band:

802.11a mode 5200 MHz



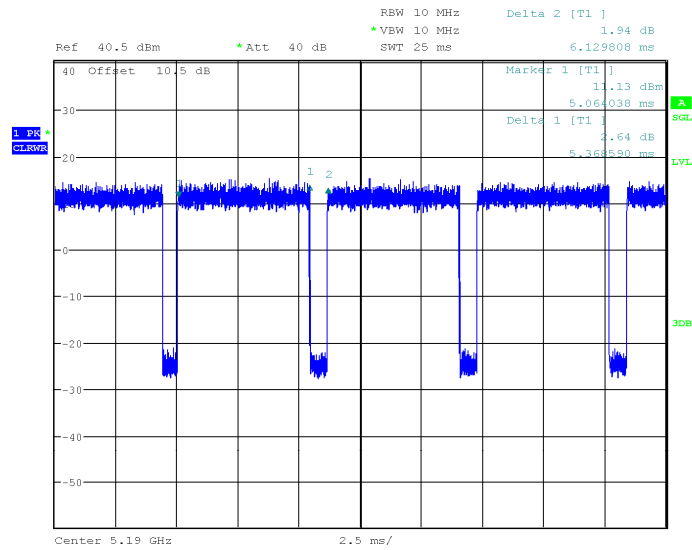
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 Date: 5.JUN.2024 16:16:45

802.11n20 mode 5200 MHz



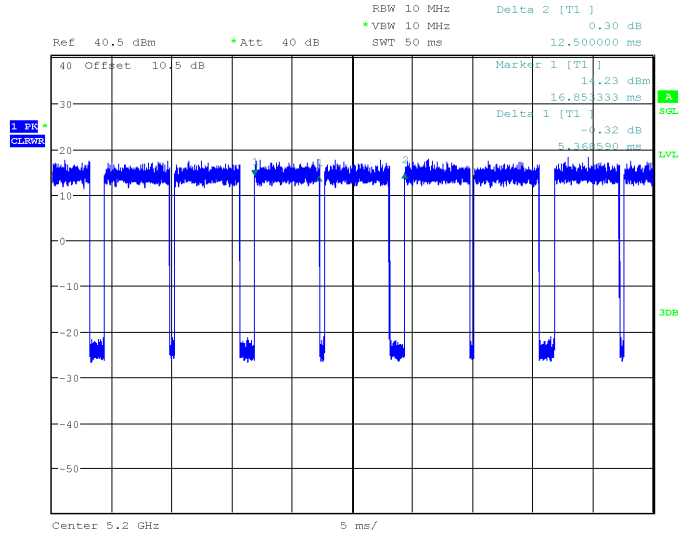
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802.11n40 mode 5190 MHz



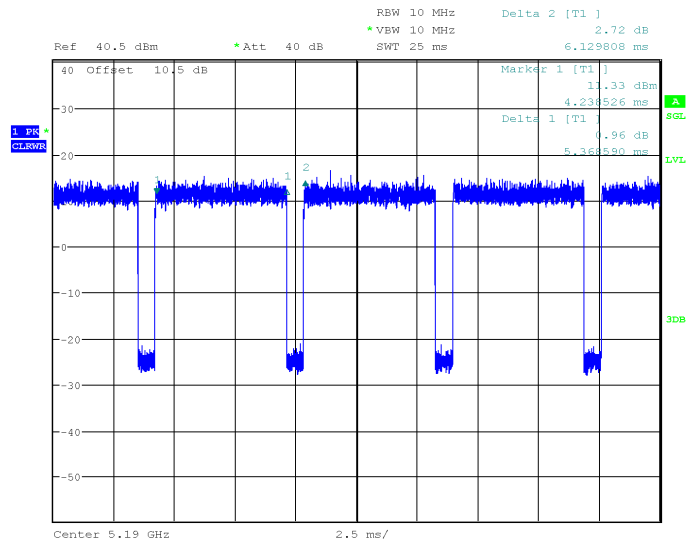
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802.11ac20 mode 5200 MHz



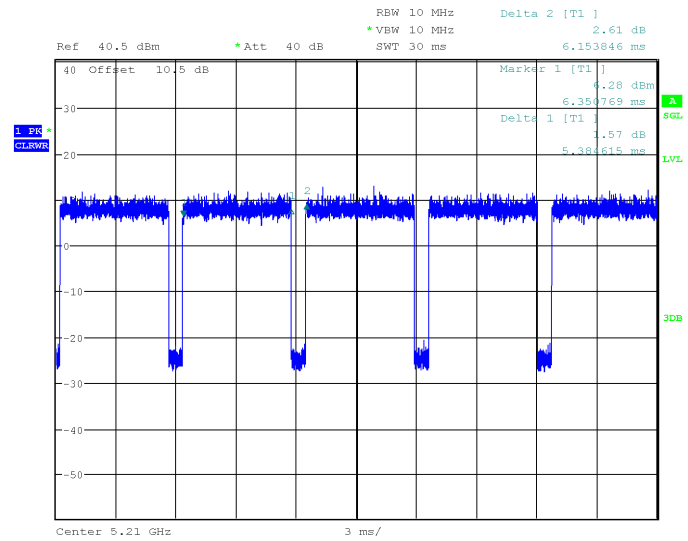
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802.11ac40 mode 5190 MHz



ProjectNo.:RKSA240228002 Tester:Jay Liu
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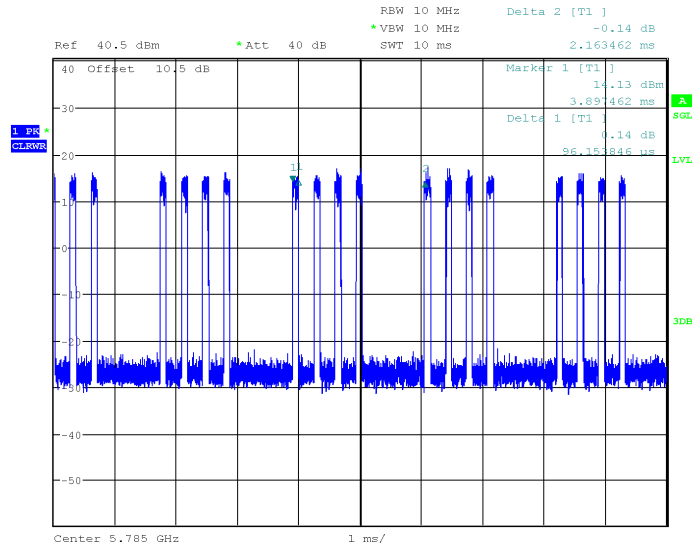
802.11ac80 mode 5210 MHz



ProjectNo.:RKSA240228002 Tester:Jay Liu
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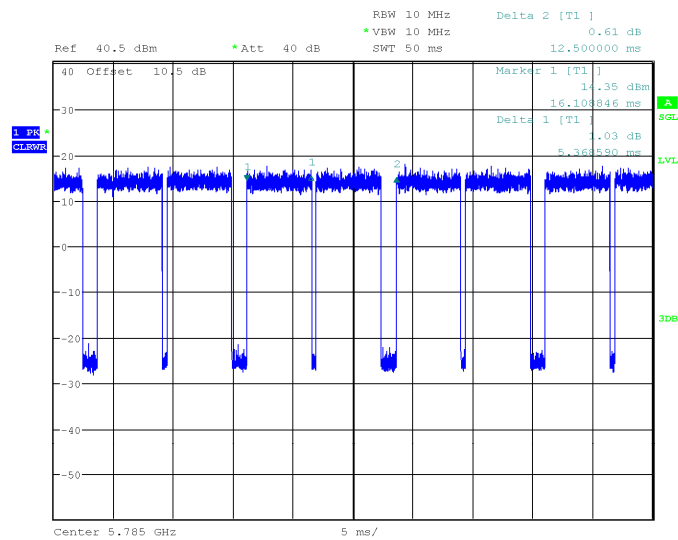
5725MHz-5850MHz Band:

802.11a mode 5785 MHz



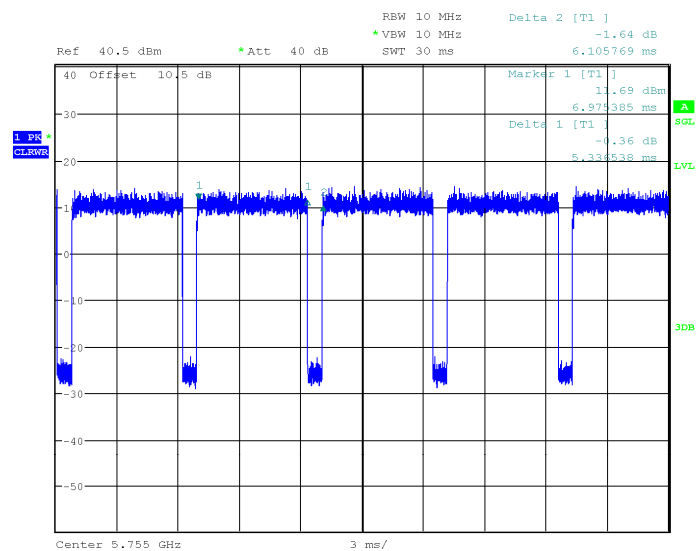
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802.11n20 mode 5785 MHz



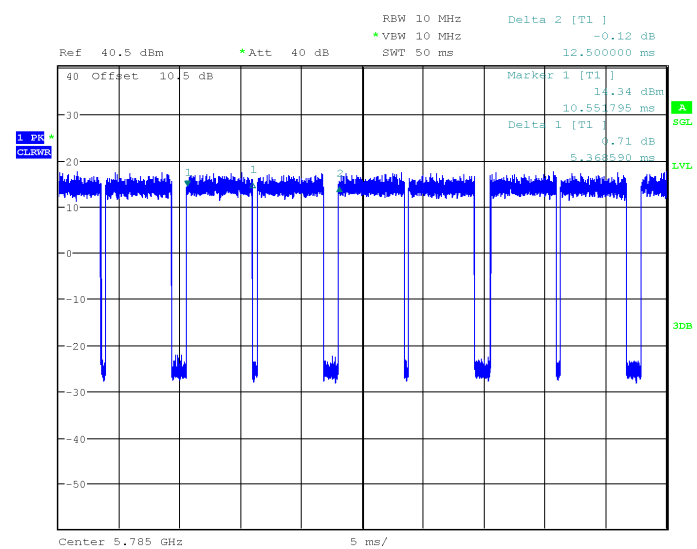
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802.11n40 mode 5755 MHz



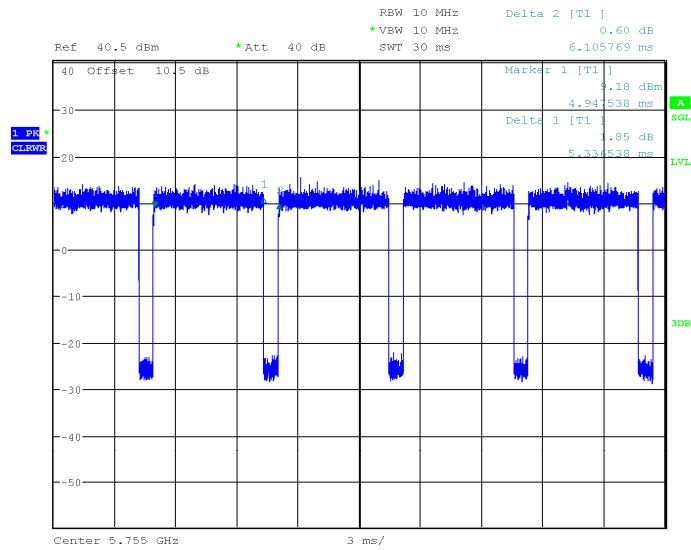
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802.11ac20 mode 5785 MHz



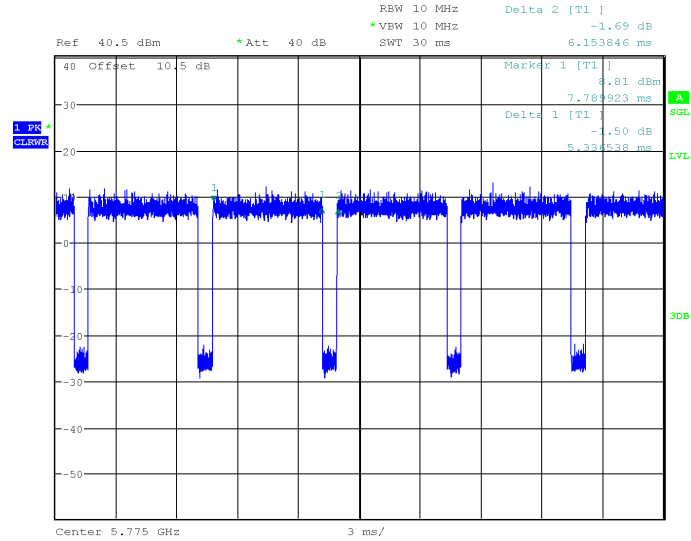
ProjectNo.:RKSA240228002 Tester:Jay Liu
Date: 5.JUN.2024 18:04:04

802.11ac40 mode 5755 MHz



ProjectNo.:RKSA240228002 Tester:Jay Liu
 Date: 5.JUN.2024 18:11:21

802.11ac80 mode 5775 MHz



ProjectNo.:RKSA240228002 Tester:Jay Liu
 Date: 5.JUN.2024 18:21:43

Test Mode	Antenna	Channel (MHz)	Transmission Duration (ms)	Transmission Period	Duty Cycle (%)	Duty Cycle Factor dB
802.11a	Chain 1	5200	0.385	2.147	17.93	7.46
		5785	0.385	2.163	17.80	7.50
802.11n-HT20		5200	10.577	12.42	85.16	0.70
		5785	10.737	12.5	85.90	0.66
802.11n-HT40		5190	5.369	6.13	87.59	0.58
		5755	5.337	6.106	87.41	0.58
802.11ac-VHT20		5200	10.737	12.5	85.90	0.66
		5785	10.737	12.5	85.90	0.66
802.11ac-VHT40		5190	5.369	6.13	87.59	0.58
		5755	5.337	6.106	87.41	0.58
802.11ac-VHT80		5210	5.385	6.154	87.50	0.58
		5775	5.337	6.154	86.72	0.62

Equipment Modifications

No modification was made to the EUT.

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Unknown	PoE Injector	PSE30G	Unknown
Lenovo	Notebook 1	Y700P	PF2B7PL5
Dell	Notebook 2	E6410	3094742521
Unknown	Socket	/	/
Unknown	Adapter	/	/

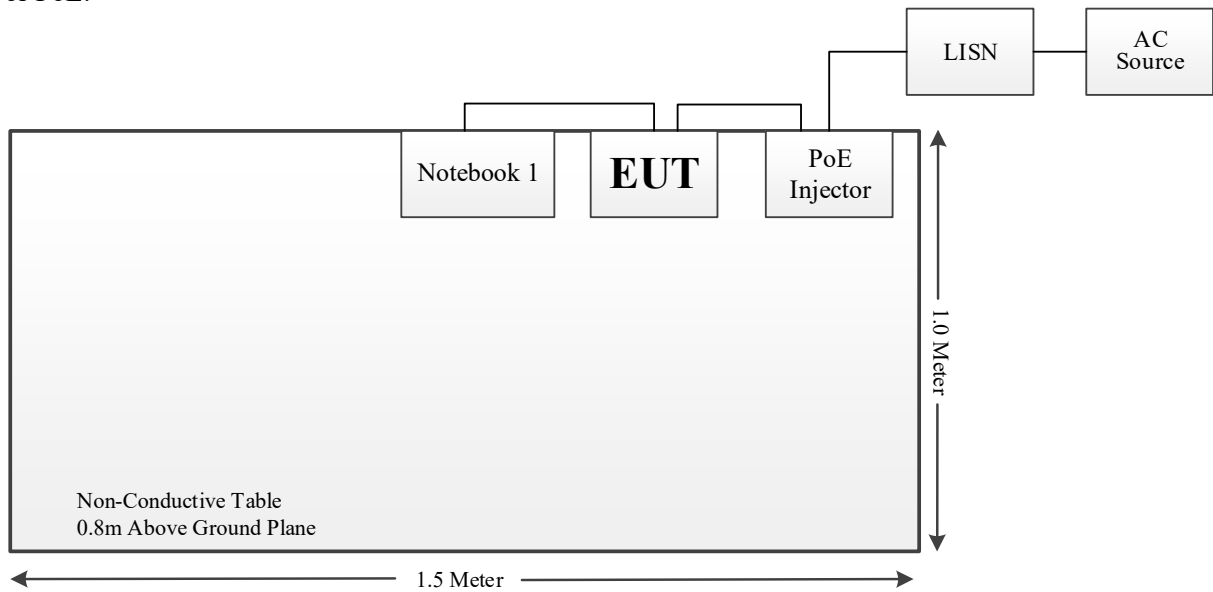
External I/O Cable

Cable Description	Length (m)	From Port	To
Power Cable 1	1.0	AC Source/LISN	PoE Injector
RJ45 Cable	1.5	PoE Injector	EUT
RJ45 Cable	2.0	PoE Injector	EUT
RJ45 Cable	1.5	EUT	Notebook 1
RJ45 Cable	7.0	EUT	Notebook 1
RJ45 Cable	7.0	EUT	Notebook 2
Power Cable 2	1.0	EUT	Adapter

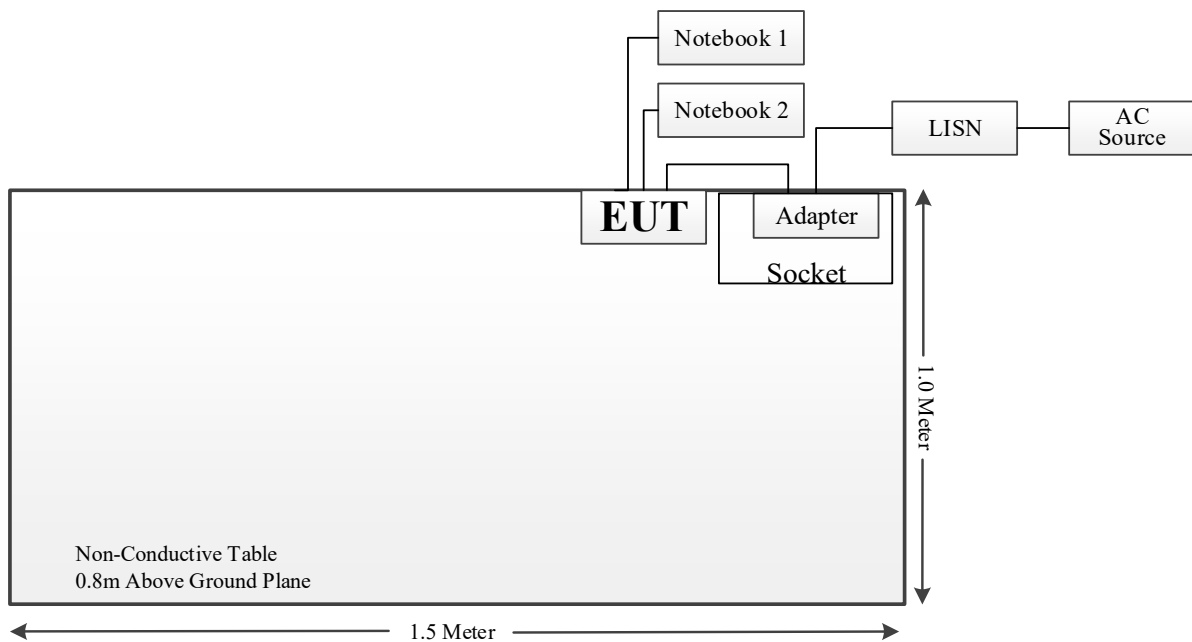
Block Diagram of Test Setup

For Conducted Emissions:

For PoE:

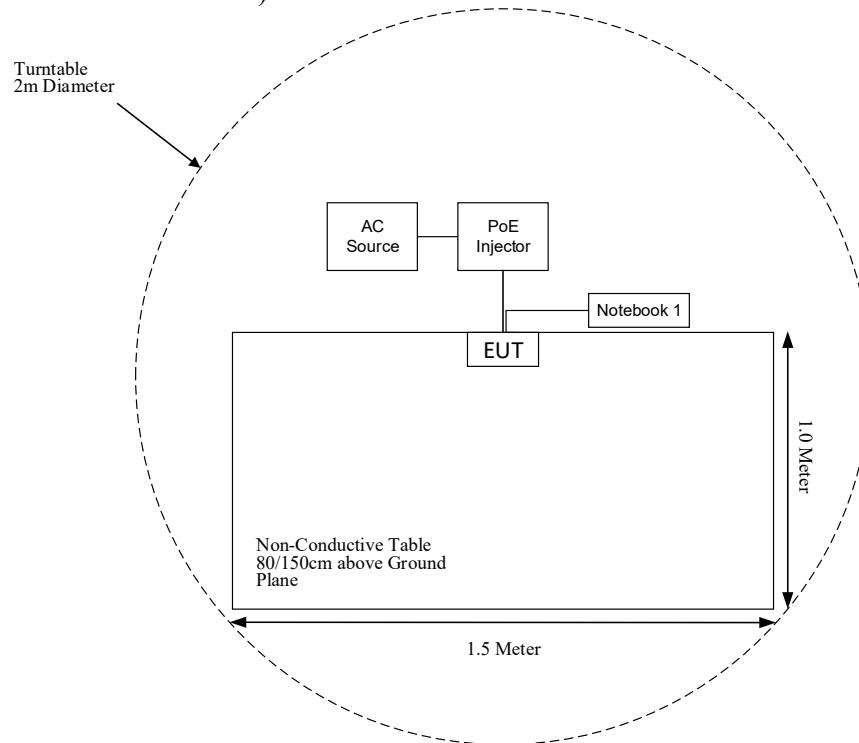


For Adapter:

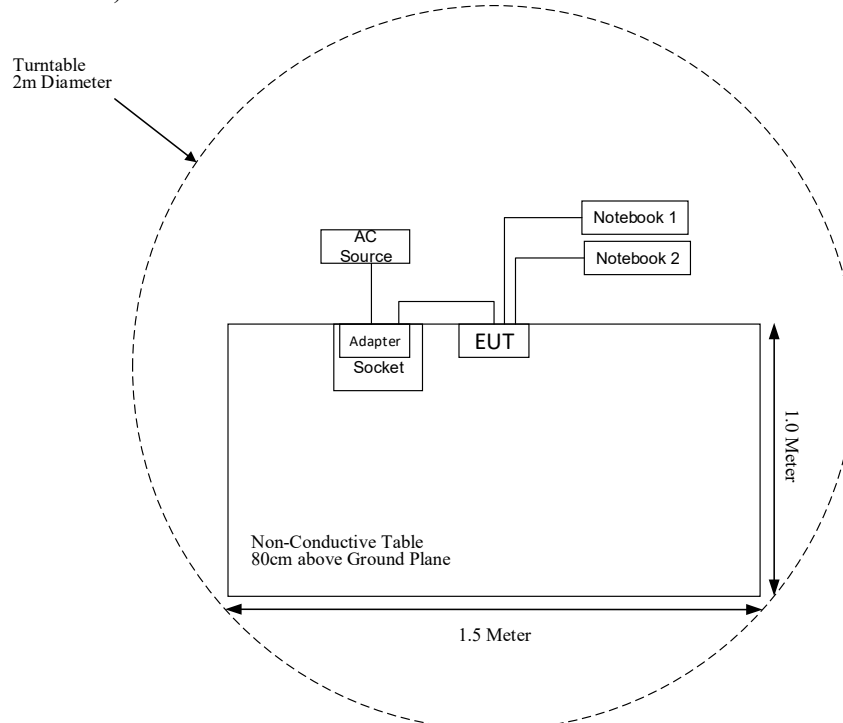


For Radiated Emissions

For PoE(Below 1GHz&Above 1 GHz):



For Adapter(Below 1GHz):



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	Hybrid Antenna	JB3	A090314-1	2023-11-11	2024-11-10
ETS-LINDGREN	Loop Antenna	6512	108100	2023-11-09	2024-11-08
Sonoma Instrument	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	2024-04-23	2025-04-22
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
Narda	6dB Attenuator	773-6	10690812-2-1	2023-11-11	2024-11-10
Radiated Emission Test (Chamber #2)					
Rohde & Schwarz	EMI Test Receiver	ESU40	100207/040	2024-04-25	2025-04-24
ETS-LINDGREN	Horn Antenna	3115	9311-4159	2023-12-02	2024-12-01
ETS-LINDGREN	Horn Antenna	3116	84159	2023-12-07	2024-12-06
A.H.Systems,inc	Amplifier	PAM-0118P	512	2024-04-25	2025-04-24
EM Electronics Corporation	Amplifier	EM18G40G	060726	2024-04-25	2025-04-24
MICRO-TRONICS	Band Reject Filter	BRC50703	G094	2023-05-23	2024-05-22
MICRO-TRONICS	Band Reject Filter	BRC50703	G094	2024-05-23	2025-05-22
MICRO-TRONICS	Band Reject Filter	BRC50705	G085	2023-05-23	2024-05-22
MICRO-TRONICS	Band Reject Filter	BRC50705	G085	2024-05-23	2025-05-22
Narda	Attenuator	10dB	010	2024-04-25	2025-04-24
Rohde & Schwarz	Auto test Software	EMC32	100361	N/A	N/A
MICRO-COAX	Coaxial Cable	Cable-6	006	2024-04-23	2025-04-22
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
RF Conducted Test					
Rohde & Schwarz	Spectrum Analyzer	FSU26	200103	2023-05-23	2024-05-22
Rohde & Schwarz	Spectrum Analyzer	FSU26	200103	2024-04-24	2025-04-23
Anritsu	Power Sensor	MA24418A	12621	2023-05-23	2024-05-22
Narda	Attenuator	10dB	010	2023-04-25	2024-04-24
Narda	Attenuator	10dB	010	2024-04-25	2025-04-24
XHFDZ	RG316 Coaxial Cable	SMA-316	XHF-1175	Each time	N/A

Conducted Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESR	101746	2024-04-23	2025-04-22
Rohde & Schwarz	LISN	ENV216	101115	2024-04-23	2025-04-22
Audix	Test Software	e3	V9	N/A	N/A
Rohde & Schwarz	Pulse Limiter	ESH3-Z2	0357.8810.54	2024-04-23	2025-04-22
MICRO-COAX	Coaxial Cable	Cable-15	015	2024-04-25	2025-04-24

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
§1.1310 & §2.1091	Maximum Permissible Exposure (MPE)	Compliant
§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 §1.1310 & §2.1091 –MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Applicable Standard

According to subpart §2.1091 and subpart §1.1310, systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

Limits for Maximum Permissible Exposure (MPE) (§1.1310, §2.1091)

(B) Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm²)	Averaging Time (minutes)
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	f/1500	30
1500-100,000	/	/	1.0	30

f = frequency in MHz; * = Plane-wave equivalent power density;

According to §1.1310 and §2.1091 RF exposure is calculated.

Calculated Formulary

Predication of MPE limit at a given distance

$S = PG/4\pi R^2$ = power density (in appropriate units, e.g. mW/cm²);

P = power input to the antenna (in appropriate units, e.g., mW);

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain;

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm);

For simultaneously transmit system, the calculated power density should comply with:

$$\sum_i \frac{S_i}{S_{Limit,i}} \leq 1$$

Calculated Data:

Mode	Frequency Range (MHz)	Antenna Gain		Tune-up Output Power		Evaluation Distance (cm)	Power Density (mW/cm ²)	MPE Limit (mW/cm ²)	MPE Ratio
		(dBi)	(numeric)	(dBm)	(mW)				
2.4G WIFI	2412~2462	6	3.98	28.50	707.95	30	0.2491	1.0	0.2491
5G WIFI	5150~5250	6	3.98	30.00	1000	30	0.3520	1.0	0.3520
	5725~5850	6	3.98	30.00	1000	30	0.3520	1.0	0.3520

Note:

1. For the above tune up power were declared by the manufacturer.
2. 2.4G Wi-Fi and 5G WIFI can transmit simultaneously.

$$\sum_i \frac{S_i}{S_{Limit,i}} = 0.2491/1.00 + 0.3520/1 = 0.2491 + 0.3520 = 0.6011 < 1.0$$

Result: The device meet FCC MPE at 30 cm distance.

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.

Chain	Antenna Type	Frequency Range	Max. Antenna Gain	Input impedance
Chain 0	PCB	5150~5250 MHz	6 dBi	50Ω
		5725~5850 MHz	6 dBi	50Ω
Chain 1	PCB	5150~5250 MHz	6 dBi	50Ω
		5725~5850 MHz	6 dBi	50Ω

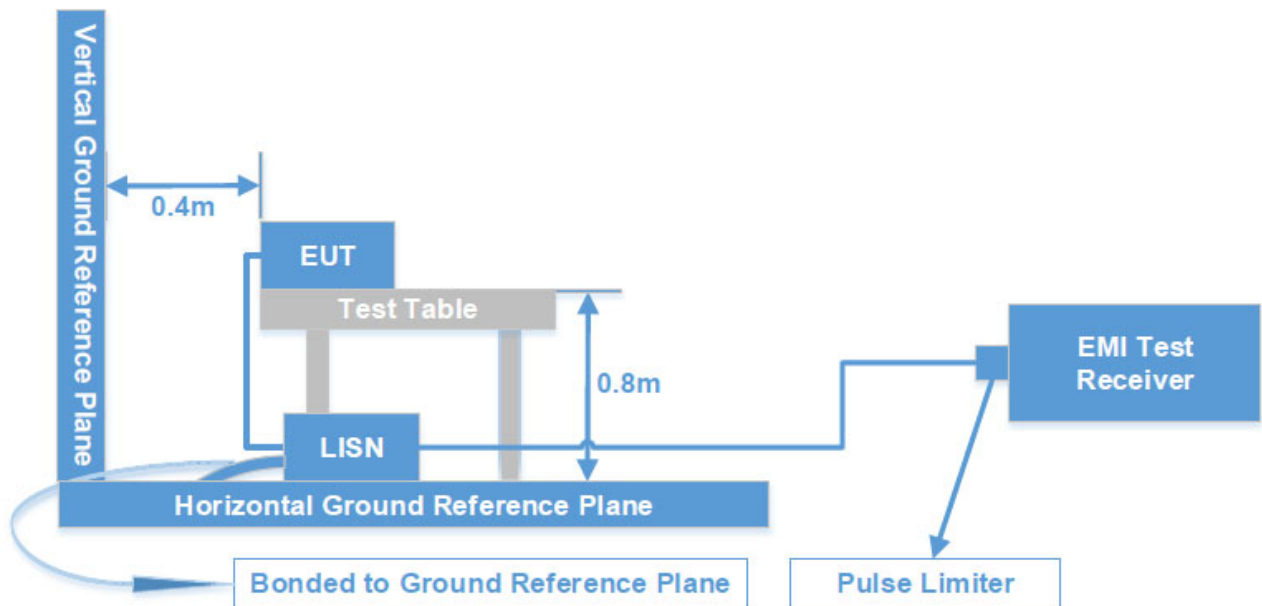
Result: Compliant.

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

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz

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 5.725-5.85 GHz band:

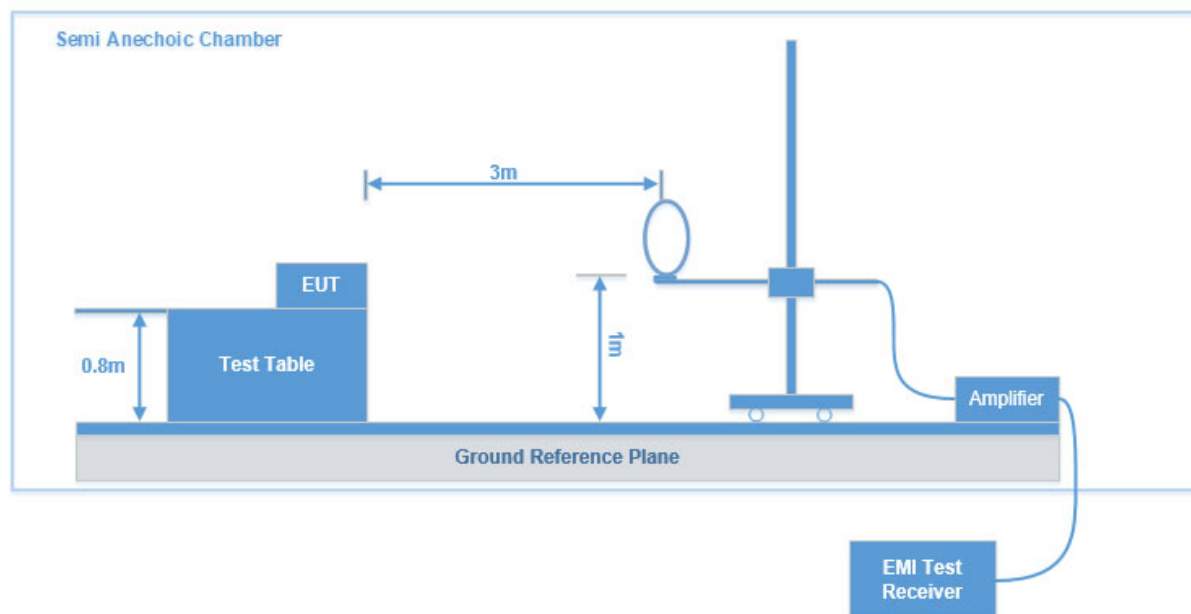
(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the 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 frequency or frequencies above 1000MHz, the radiated emission limits are based on the use of measurement instrumentation employing an average detector function. Unless otherwise specified, measurements above 1000MHz shall be performed using a minimum resolution bandwidth of 1MHz.

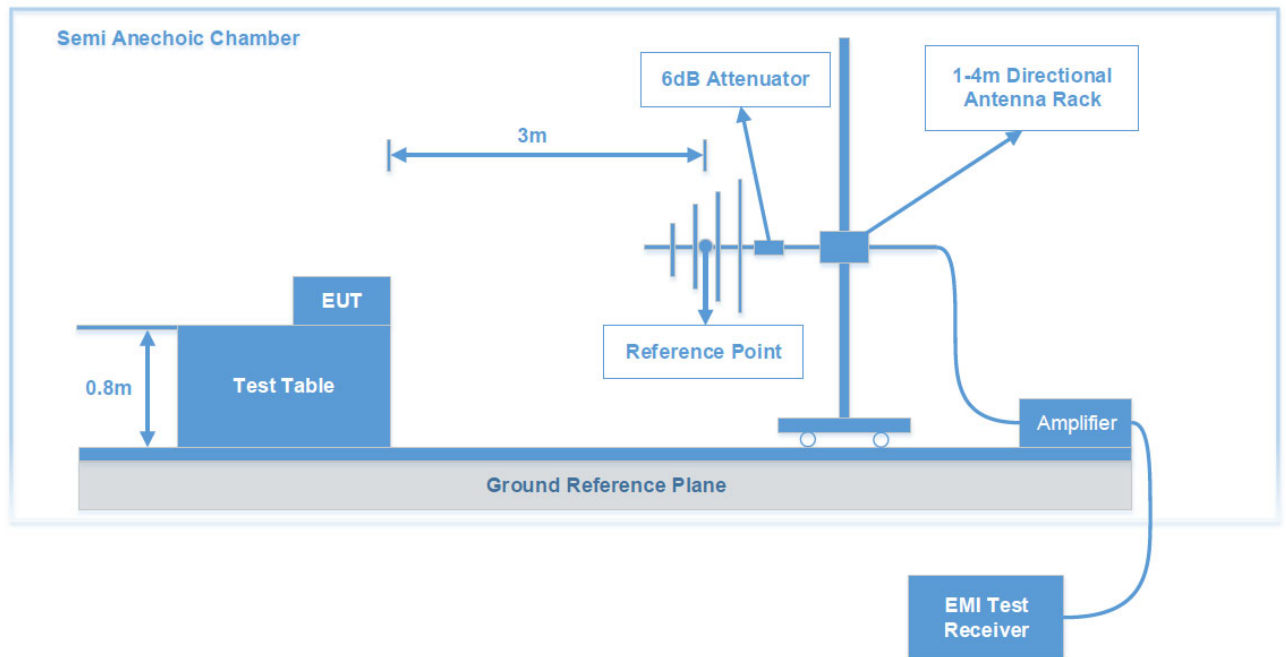
According to C63.10:2013, emission shall be computed as: $E \text{ [dB}\mu\text{V/m]} = \text{EIRP [dBm]} + 95.2$, for $d = 3$ meters.

Test System Setup

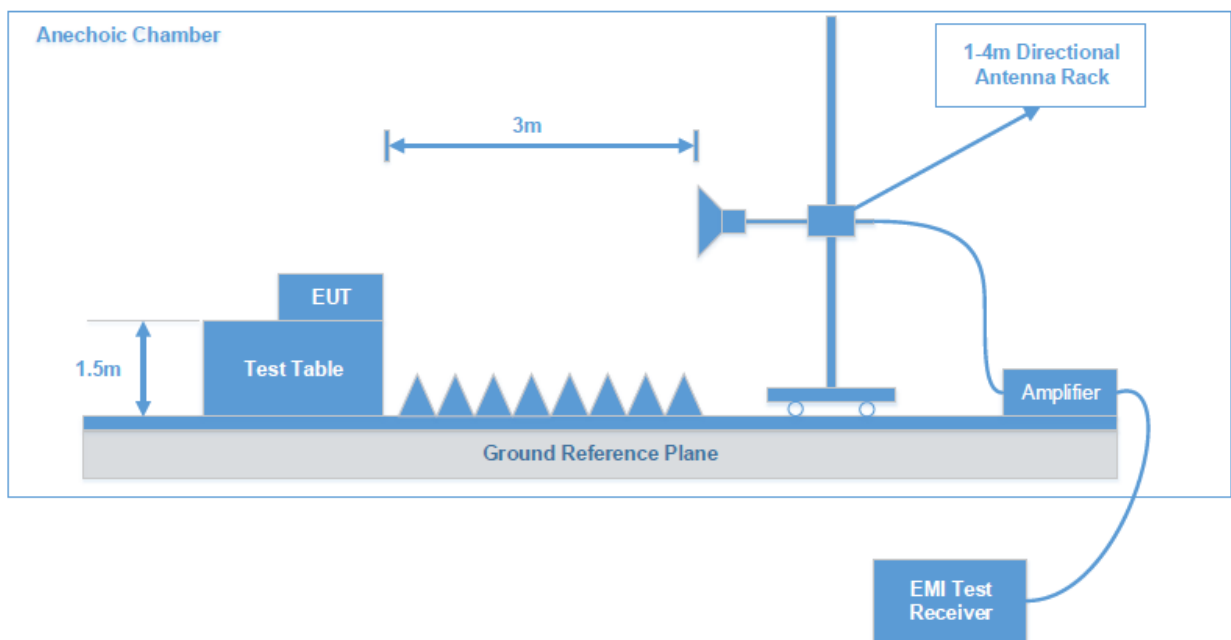
9 kHz–30 MHz:



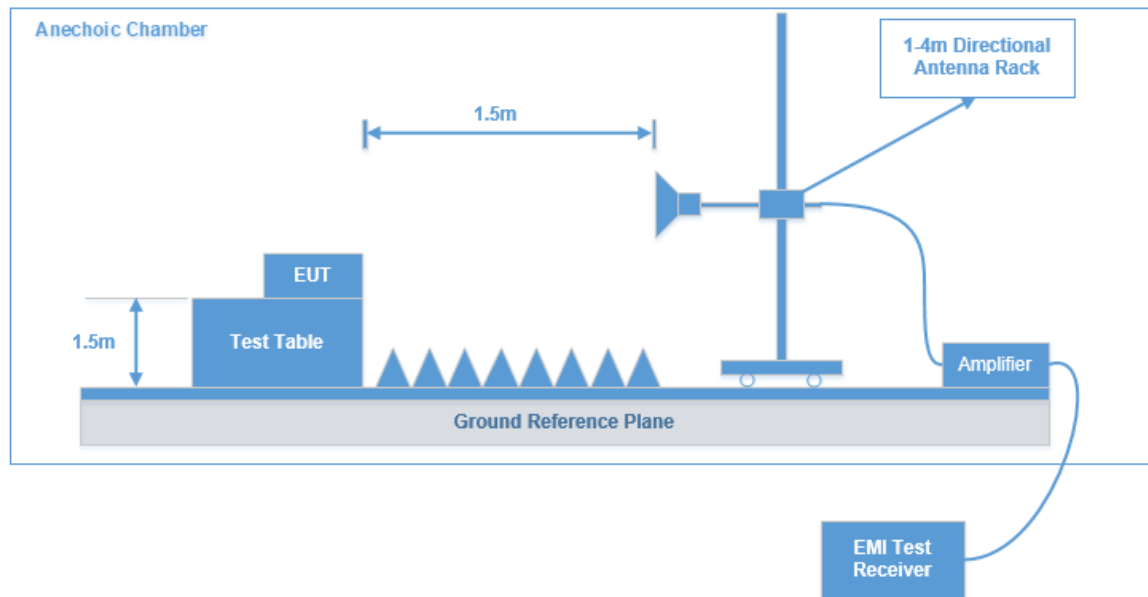
30MHz-1GHz:



1 GHz-18GHz:



18-40GHz:



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 80dB μ V/m (Peak) and 60dB μ V/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

The system was investigated from 9 kHz to 40 GHz.

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

Frequency Range	RBW	VBW	IF B/W	Detector
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

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.

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.

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:

$$\text{Corrected Amplitude (dB}\mu\text{V/m)} = \text{Meter Reading (dB}\mu\text{V)} + \text{Corrected factor (dB/m)}$$

$$\text{Corrected factor (dB/m)} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} - \text{Amplifier Gain (dB)}$$

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:

$$\text{Margin (dB)} = \text{Limit (dB}\mu\text{V/m)} - \text{Corrected Amplitude (dB}\mu\text{V/m)}$$

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:

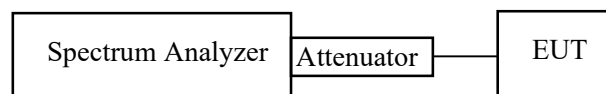
- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3. Occupied bandwidth

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth:

- a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.
- c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (\text{OBW}/\text{RBW})]$ below the reference level. Specific guidance is given in 4.1.5.2.
- d) Step a) through step c) might require iteration to adjust within the specified range.

- e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
- g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
- h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).



Test Data: See Appendix

FCC §15.407(a) – CONDUCTED TRANSMITTER OUTPUT POWER

Applicable Standard

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 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 $11 \text{ dBm} + 10 \log B$, 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

According C63.10:2013 clause 12.3.3.1

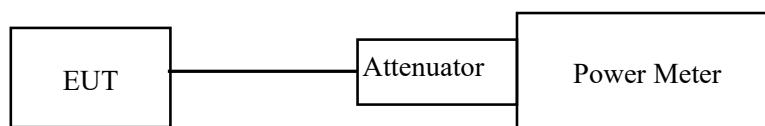
a) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:

- 1) The EUT is configured to transmit continuously, or to transmit with a constant duty cycle.
- 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
- 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

b) If the transmitter does not transmit continuously, measure the duty cycle D of the transmitter output signal as described in 12.2.

c) Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.

d) Adjust the measurement in dBm by adding $[10 \log (1 / D)]$, where D is the duty cycle {e.g., $[10 \log (1 / 0.25)]$, if the duty cycle is 25%}.



Test Data: See Appendix

FCC §15.407(a) - POWER SPECTRAL DENSITY

Applicable Standard

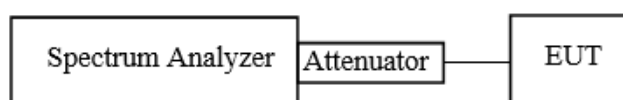
For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz 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 $11 \text{ dBm} + 10 \log B$, 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 clause 12.5: Peak power spectral density and method SA-2



Test Data: See Appendix

EUT PHOTOGRAPHS

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

TEST SETUP PHOTOGRAPHS

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

Appendix - TEST DATA

Environmental Conditions & Test Information

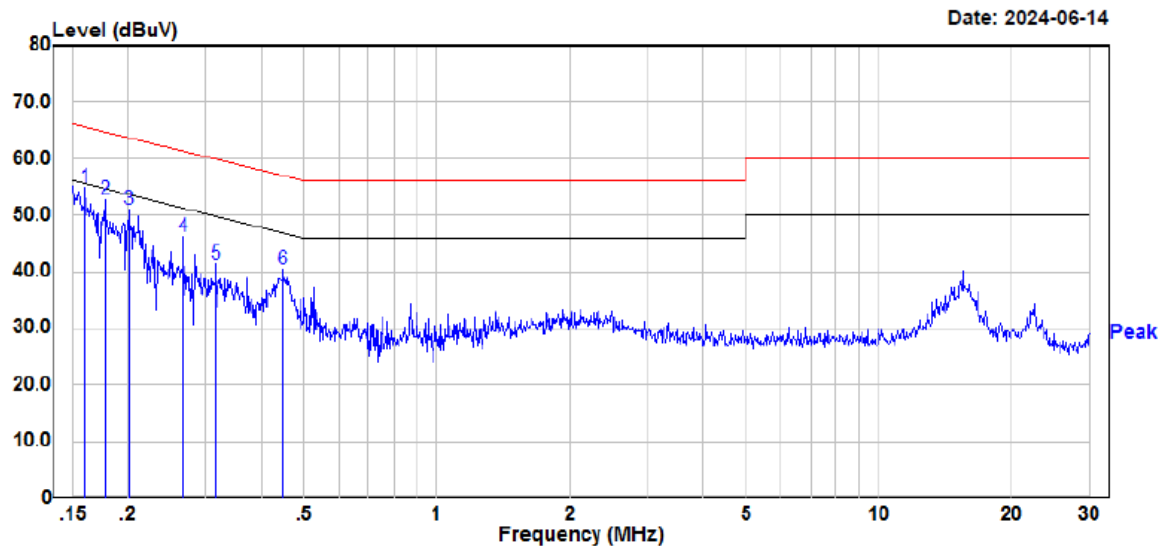
Test Item:	AC power-line conducted emissions limits	UNWANTED EMISSIONS & RESTRICTED FREQUENCY BANDS		
		9kHz - 1GHz	1 GHz - 18 GHz	18 GHz - 40 GHz
Test Date:	2024-05-10 to 2024-06-14	2024-05-01 to 2024-05-19	2024-05-03	2024-05-28
Temperature:	23.1-25.5 °C	19.4-22.2 °C	20.3 °C	22.5 °C
Relative Humidity:	49-58 %	47-48 %	52 %	45 %
ATM Pressure:	100.3-101.6 kPa	101.1-101.5 kPa	101.5kPa	100.6 kPa
Test Result:	Pass	Pass	Pass	Pass
Test Engineer:	Frank Liu	Leah Li & Loki Shi	Peter Wang	Hugh Wu

Test Item:	Emission Bandwidth	Conducted Transmitter Output Power	Power Spectral Density	Duty Cycle
Test Date:	2024-04-18 to 2024-06-17	2024-04-18	2024-04-18 to 2024-06-05	2024-06-05
Temperature:	21.5-24.2 °C	22.0 °C	22.1-22.5 °C	23.5 °C
Relative Humidity:	47-55 %	47 %	45-48 %	52 %
ATM Pressure:	100.4-101.2 kPa	101.2 kPa	100.5-101.2kPa	100.4 kPa
Test Result:	Pass	Pass	Pass	Pass
Test Engineer:	Jay Liu	Jay Liu	Jay Liu	Jay Liu

AC power-line conducted emissions limits

EUT operation mode: Transmitting in 802.11ac80 mode middle channel of 5725~5850MHz (maximum output power)

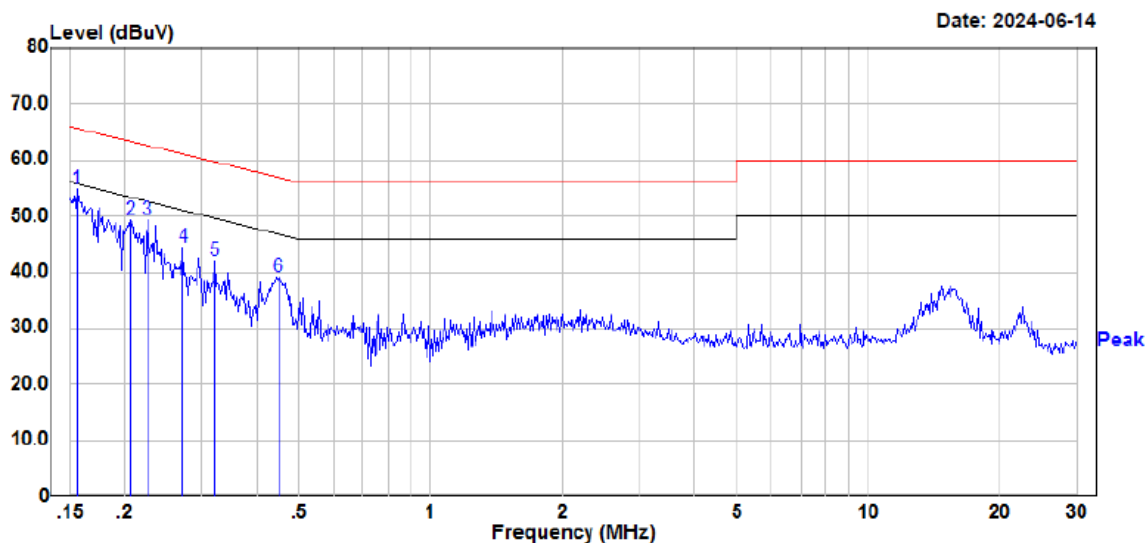
For Adapter:
AC 120V/60 Hz, Line



Site : CE
Condition : FCC Part 15.207
Project No. : RKSA240228002
Model : Infinite 110
Phase : L
Voltage : 120V/60Hz
Mode : 802.11ac80 mode(Chain 0+Chain 1)
Test Equipment : ENV216,ESR
Temperature : 25.5℃
Humidity : 58%
Atmospheric pressure: 100.3kPa
Test Engineer : Frank Liu

	Read			Limit	Over	
	Freq	Level	Factor	Level	Line	Limit Remark
	MHz	dBuV	dB	dBuV	dBuV	dB
1	0.159	34.94	19.90	54.84	65.50	-10.66 Peak
2	0.178	32.74	19.92	52.66	64.59	-11.93 Peak
3	0.200	31.05	19.95	51.00	63.60	-12.60 Peak
4	0.266	26.17	19.99	46.16	61.24	-15.08 Peak
5	0.315	21.24	20.02	41.26	59.83	-18.57 Peak
6	0.447	20.19	20.09	40.28	56.93	-16.65 Peak

AC 120V/60 Hz, Neutral

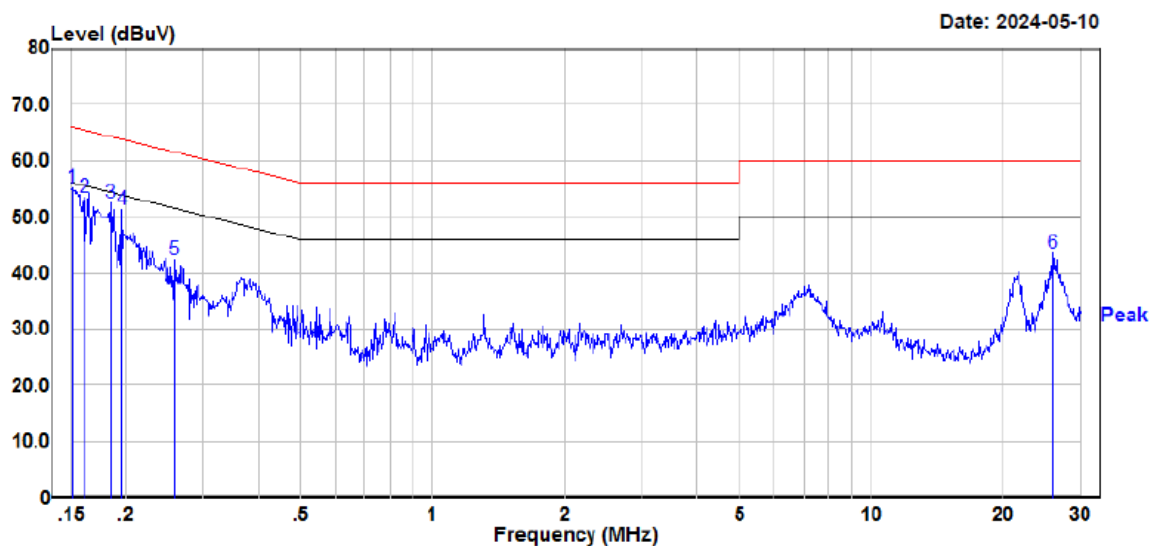


Site : CE
Condition : FCC Part 15.207
: DET:Peak
Project No. : RKSA240228002
Model : Infinite 110
Phase : N
Voltage : 120V/60Hz
Mode : 802.11 ac80(Chain 0+Chain 1)
Test Equipment : ENV216,ESR
Temperature : 25.5°C
Humidity : 58%
Atmospheric pressure: 100.3kPa
Test Engineer : Frank Liu

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.155	34.83	20.11	54.94	65.71	-10.77	Peak
2	0.205	29.24	20.11	49.35	63.39	-14.04	Peak
3	0.225	29.29	20.13	49.42	62.64	-13.22	Peak
4	0.271	24.33	20.15	44.48	61.08	-16.60	Peak
5	0.321	21.87	20.18	42.05	59.69	-17.64	Peak
6	0.448	19.02	20.23	39.25	56.91	-17.66	Peak

For PoE:

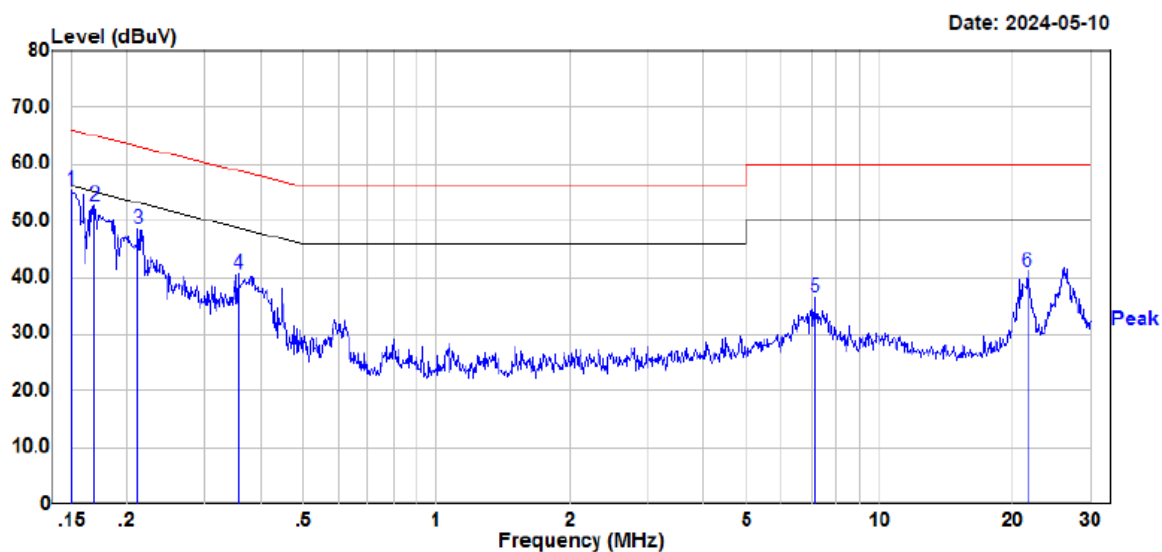
AC 120V/60 Hz, Line



Site : CE
Condition : limit\FCC PART 15.207.csv Line
: DET:Peak
Project No. : RKSA240228002
Model : Infinite 110
Phase : L
Voltage : 120V/60Hz
Mode : maximum output power mode 802.11ac80 (Chain 0+Chain 1)
Test Equipment : ENV216,ESR
Temperature : 23.1°C
Humidity : 49%
Atmospheric pressure: 101.6kPa
Test Engineer : Frank Liu

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.151	35.17	19.89	55.06	65.96	-10.90	Peak
2	0.160	33.40	19.90	53.30	65.46	-12.16	Peak
3	0.184	32.57	19.93	52.50	64.30	-11.80	Peak
4	0.195	31.38	19.94	51.32	63.81	-12.49	Peak
5	0.257	22.32	19.99	42.31	61.53	-19.22	Peak
6	25.962	23.60	19.97	43.57	60.00	-16.43	Peak

AC 120V/60 Hz, Neutral



Site : CE
Condition : limit\FCC PART 15.207.csv Line
: DET:Peak
Project No. : RKSA240228002
Model : Infinite 110
Phase : N
Voltage : 120V/60Hz
Mode : maximum output power mode 802.11ac80 (Chain 0+Chain 1)
Test Equipment : ENV216,ESR
Temperature : 23.1°C
Humidity : 49%
Atmospheric pressure: 101.6kPa
Test Engineer : Frank Liu

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.150	35.35	19.89	55.24	66.00	-10.76	Peak
2	0.168	32.86	19.91	52.77	65.05	-12.28	Peak
3	0.212	28.52	19.96	48.48	63.14	-14.66	Peak
4	0.357	20.50	20.04	40.54	58.80	-18.26	Peak
5	7.140	16.39	20.23	36.62	60.00	-23.38	Peak
6	21.590	21.27	19.87	41.14	60.00	-18.86	Peak

Transmitter Unwanted Emissions & Restricted frequency bands

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

9 kHz-30 MHz: (maximum output power mode and channel)

The amplitude of spurious emissions attenuated more than 20 dB below the limit was not be recorded.

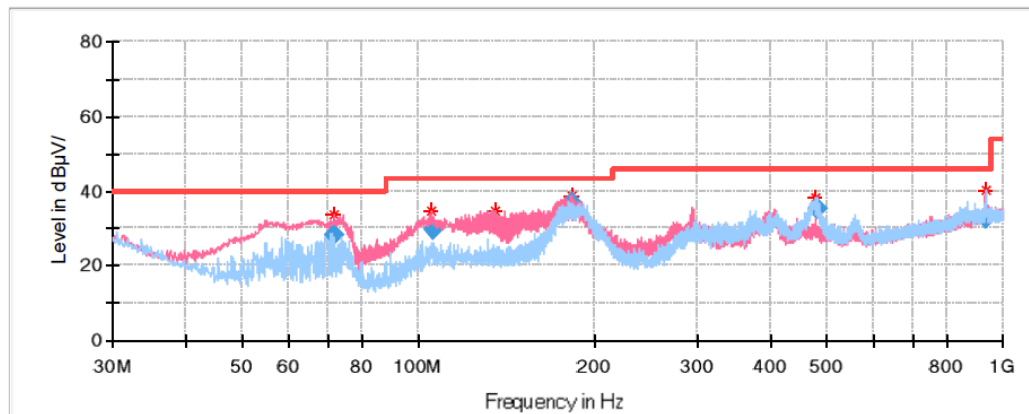
For Adapter:

30MHz-1GHz(5150-5250MHz Band): 802.11ac80 (worst case)

Middle Channel: 5210 MHz

Common Information

Project No:	RKSA240228002
Test Mode:	Transmitting in 802.11ac80 mode (Chain0+Chain1)
Standard:	FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer:	Leah Li



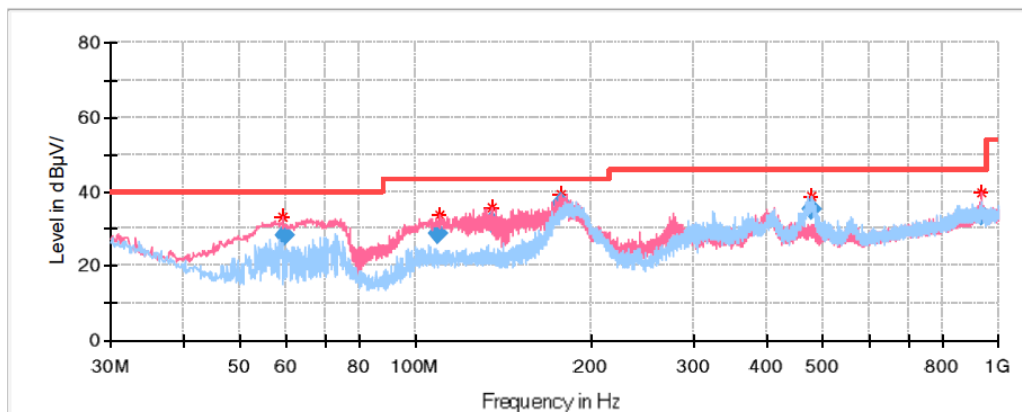
Final Result

Frequency (MHz)	Corrected Amplitude QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
71.710000	28.32	40.00	11.68	V	-17.1
105.689500	29.64	43.50	13.86	V	-13.4
134.215600	31.77	43.50	11.73	V	-11.3
182.453800	36.54	43.50	6.96	V	-12.9
479.830650	34.97	46.00	11.03	H	-5.9
935.652050	32.64	46.00	13.36	H	1.5

30MHz-1GHz(5725-5850MHz Band): 802.11ac80 (worst case)**Middle Channel: 5775 MHz**

Common Information

Project No: RKSA240228002
Test Mode: Transmitting in 802.11ac80 mode middle channel (Chain1+Chain0)
Standard: FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer: Leah Li



Final Result

Frequency (MHz)	Corrected Amplitude QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
59.487050	27.97	40.00	12.03	V	-17.5
109.538100	28.64	43.50	14.86	V	-12.7
134.840700	31.93	43.50	11.57	V	-11.3
177.514350	36.51	43.50	6.99	V	-12.9
479.182250	34.98	46.00	11.02	H	-5.9
935.267950	33.74	46.00	12.26	V	1.5

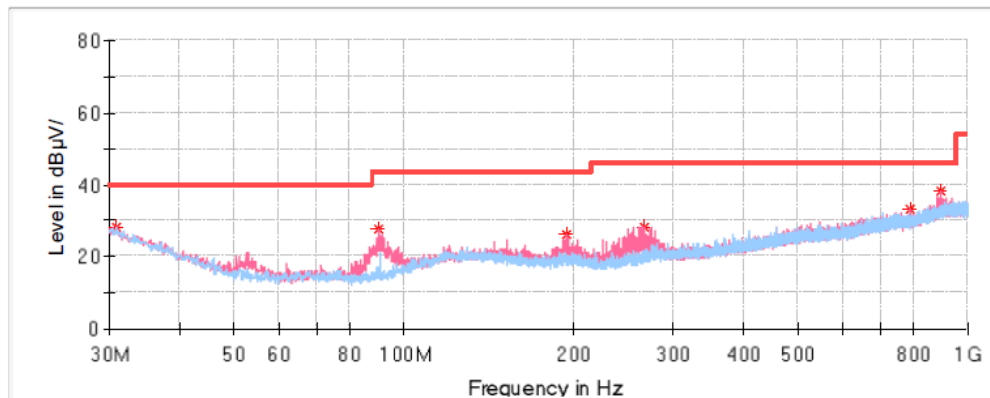
For PoE:

30MHz-1GHz(5150-5250MHz Band): 802.11ac80 (worst case)

Middle Channel: 5210 MHz

Common Information

Project No:	RKSA240228002
Test Mode:	Transmitting in 802.11ac80 mode (Chain0+Chain1)
Standard:	FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer:	Loki Shi

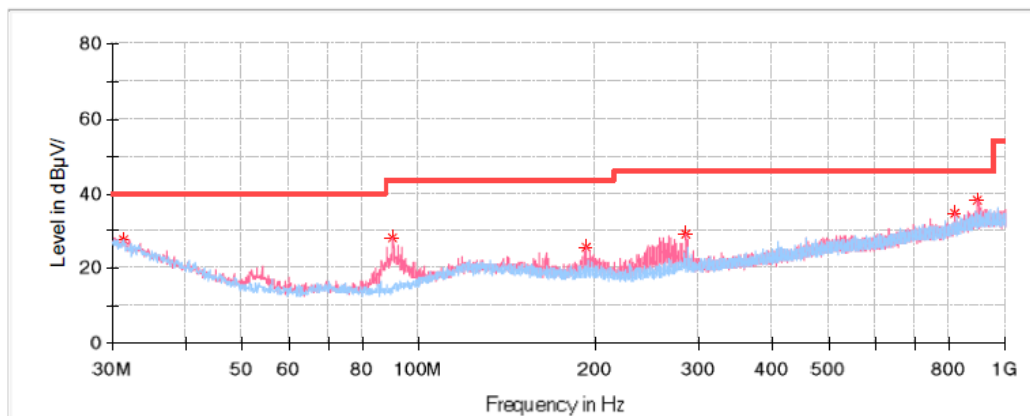


Critical_Freqs

Frequency (MHz)	Corrected Amplitude QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
30.848750	27.94	40.00	12.06	H	-5.0
90.382500	27.49	43.50	16.01	V	-17.0
194.051250	26.14	43.50	17.36	V	-12.7
266.922500	28.35	46.00	17.65	V	-11.9
791.813750	33.19	46.00	12.81	V	-1.5
897.301250	38.43	46.00	7.57	V	1.2

30MHz-1GHz(5725-5850MHz Band): 802.11ac80 (worst case)**Middle Channel: 5775 MHz****Common Information**

Project No:	RKSA240228002
Test Mode:	Transmitting in 802.11ac80 mode (Chain0+Chain1)
Standard:	FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer:	Loki Shi

**Critical Freqs**

Frequency (MHz)	Corrected Amplitude QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
31.333750	27.84	40.00	12.16	100.0	H	238.0	-5.3
90.382500	28.31	43.50	15.19	100.0	V	298.0	-17.0
192.232500	25.58	43.50	17.92	100.0	V	131.0	-12.8
285.958750	29.11	46.00	16.89	100.0	V	29.0	-11.1
821.641250	34.48	46.00	11.52	100.0	V	323.0	-0.8
897.301250	38.31	46.00	7.69	100.0	V	0.0	1.2

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

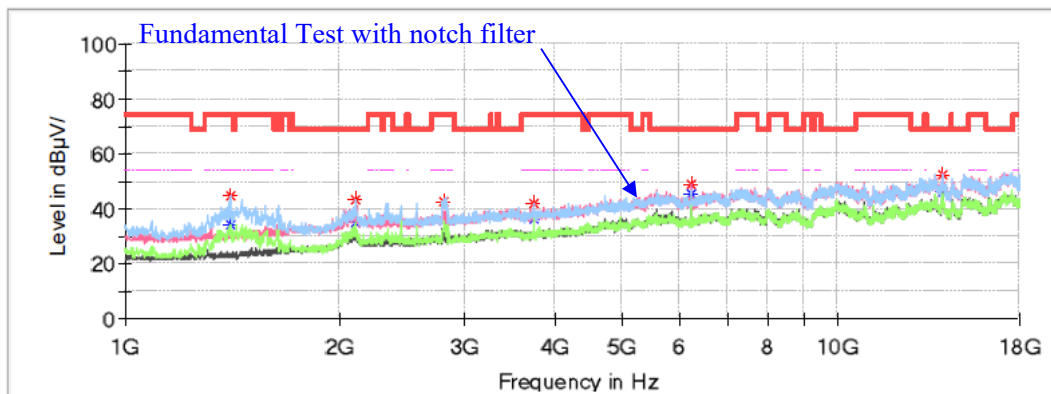
802.11a Mode (chain 1):

Low Channel: 5180MHz

Common Information

Project No.:	RKSA240228002
Test Mode:	5G Wi-Fi 802.11a Mode Low channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer:	Peter Wang

Full Spectrum

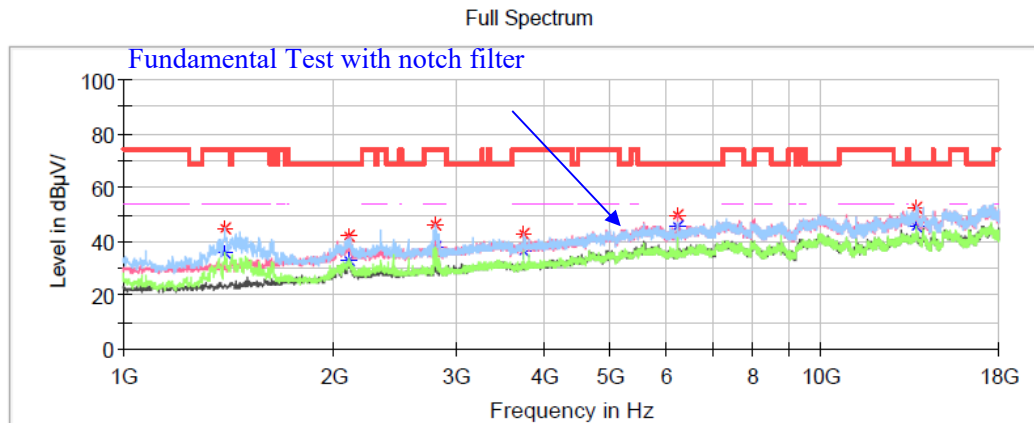


Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1402.900000	---	34.04	54.00	19.96	H	-14.2
1402.900000	44.83	---	74.00	29.17	H	-14.2
2103.300000	43.40	---	68.20	24.80	H	-10.4
2802.000000	---	35.89	54.00	18.11	H	-8.7
2802.000000	42.78	---	74.00	31.22	H	-8.7
3748.900000	---	36.10	54.00	17.90	H	-5.6
3748.900000	42.30	---	74.00	31.70	H	-5.6
6249.600000	49.29	---	68.20	18.91	V	0.5
14001.600000	52.58	---	68.20	15.62	V	10.5

Middle Channel: 5200MHz**Common Information**

Project No.: PKSA240228002
Test Mode: 5G Wi-Fi 802.11a Mode Middle channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

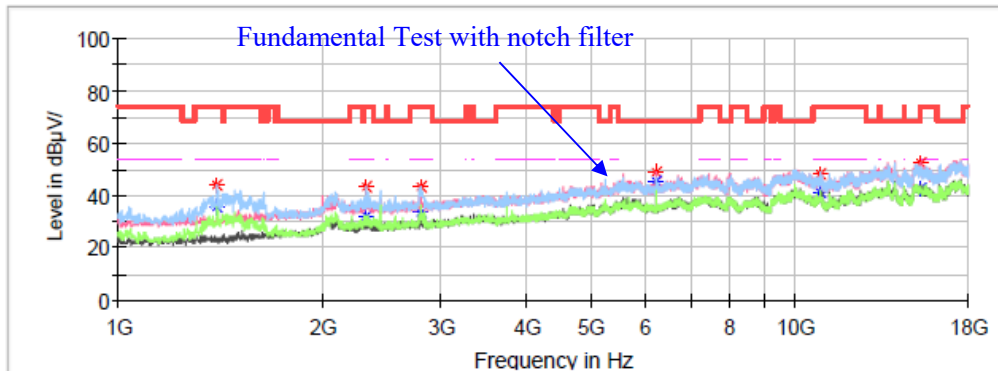
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1397.800000	---	35.32	54.00	18.68	H	-14.3
1397.800000	44.66	---	74.00	29.34	H	-14.3
2099.900000	42.27	---	68.20	25.93	H	-10.4
2807.100000	---	37.44	54.00	16.56	H	-8.7
2807.100000	46.44	---	74.00	27.56	H	-8.7
3748.900000	---	36.10	54.00	17.90	H	-5.6
3748.900000	42.55	---	74.00	31.45	H	-5.6
6249.600000	49.95	---	68.20	18.25	V	0.5
13682.000000	52.19	---	68.20	16.01	H	10.8

High Channel: 5240MHz**Common Information**

Project No.: PKSA240228002
 Test Mode: 5G Wi-Fi 802.11a Mode High channel
 Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
 Test Engineer: Peter Wang

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)
1399.500000	---	35.88	54.00	18.12	H	-14.2
1399.500000	44.16	---	74.00	29.84	H	-14.2
2326.000000	---	31.97	54.00	22.03	H	-10.0
2326.000000	43.28	---	74.00	30.72	H	-10.0
2796.900000	---	33.52	54.00	20.48	H	-8.7
2796.900000	43.23	---	74.00	30.77	H	-8.7
6249.600000	49.02	---	68.20	19.18	V	0.5
10861.700000	---	41.39	54.00	12.61	V	6.6
10861.700000	48.50	---	74.00	25.50	V	6.6
15310.600000	52.56	---	68.20	15.64	V	11.2

802.11a Mode (chain 0):

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5180 MHz						
1403.100000	---	34.01	54.00	19.99	H	-14.2
1403.100000	44.81	---	74.00	29.19	H	-14.2
2282.200000	---	29.82	54.00	24.18	H	-10.4
2282.200000	34.88	---	74.00	38.12	H	-10.4
3748.900000	---	36.1	54.00	17.9	H	-5.6
3748.900000	42.3	---	74.00	31.7	H	-5.6
6583.800000	50.39	---	68.20	17.81	V	0.5
14598.600000	47.86	---	68.20	20.34	H	9.4
16007.700000	---	41.81	54.00	12.19	H	11.5
16007.700000	48.77	---	74.00	25.23	H	11.5
Middle Channel: 5200 MHz						
1703.500000	---	32.01	54.00	21.99	H	-14.2
1703.500000	46.81	---	74.00	27.19	H	-14.2
2582.700000	34.88	---	68.20	33.32	H	-10.4
3748.100000	---	36.1	54.00	17.90	H	-5.6
3748.100000	42.2	---	74.00	31.80	H	-5.6
6583.400000	50.29	---	68.20	17.91	V	0.5
13598.300000	47.86	---	68.20	20.34	H	9.4
16505.700000	48.71	---	68.20	19.49	H	11.5
High Channel: 5240 MHz						
1703.500000	---	32.01	54.00	21.99	H	-14.2
1703.500000	46.81	---	74.00	27.19	H	-14.2
2582.700000	34.88	---	68.20	33.32	H	-10.4
3748.100000	---	36.1	54.00	17.90	H	-5.6
3748.100000	42.2	---	74.00	31.80	H	-5.6
6583.400000	50.29	---	68.20	17.91	V	0.5
13598.300000	47.86	---	68.20	20.34	H	9.4
16505.700000	48.71	---	68.20	19.49	H	11.5

For Chain 0+1:

802.11ac20 Mode:

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5180 MHz						
1401.200000	---	36.34	54.00	17.66	V	-14.2
1401.200000	44.52	---	74.00	29.48	V	-14.2
1559.300000	---	35.75	54.00	18.25	V	-13.5
1559.300000	47.55	---	74.00	26.45	V	-13.5
2089.700000	39.08	---	68.20	29.12	H	-10.4
2803.700000	---	35.23	54.00	18.77	H	-8.7
2803.700000	43.80	---	74.00	30.20	H	-8.7
3748.900000	---	36.49	54.00	17.51	V	-5.6
3748.900000	42.79	---	74.00	31.21	V	-5.6
6249.600000	46.34	---	68.20	21.86	H	0.5
Middle Channel: 5200 MHz						
1397.800000	---	34.23	54.00	19.77	V	-14.3
1397.800000	41.41	---	74.00	32.59	V	-14.3
2096.500000	39.40	---	68.20	28.80	H	-10.4
2562.300000	40.17	---	68.20	28.03	H	-9.5
2805.400000	---	35.33	54.00	18.67	H	-8.7
2805.400000	42.55	---	74.00	31.45	H	-8.7
3748.900000	---	36.45	54.00	17.55	V	-5.6
3748.900000	42.77	---	74.00	31.23	V	-5.6
6249.600000	47.07	---	68.20	21.13	H	0.5
High Channel: 5240 MHz						
1397.800000	---	32.79	54.00	21.21	V	-14.3
1397.800000	43.48	---	74.00	30.52	V	-14.3
2093.100000	42.94	---	68.20	25.26	H	-10.4
2436.500000	41.06	---	68.20	27.14	H	-9.9
2802.000000	---	35.96	54.00	18.04	H	-8.7
2802.000000	43.71	---	74.00	30.29	H	-8.7
3748.900000	41.92	---	74.00	32.08	V	-5.6
3748.900000	---	35.27	54.00	18.73	V	-5.6
6249.600000	46.65	---	68.20	21.55	H	0.5

802.11n-HT20 Mode:

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5180 MHz						
1459.000000	---	33.48	54.00	20.52	H	-14.1
1459.000000	42.08	---	74.00	31.92	H	-14.1
2020.000000	40.39	---	68.20	27.81	H	-10.5
2436.500000	40.81	---	68.20	27.39	H	-9.9
2802.000000	---	35.06	54.00	18.94	V	-8.7
2802.000000	41.50	---	74.00	32.50	V	-8.7
3748.900000	---	35.74	54.00	18.26	V	-5.6
3748.900000	41.31	---	74.00	32.69	V	-5.6
6249.600000	46.96	---	68.20	21.24	H	0.5
Middle Channel: 5200 MHz						
1399.500000	---	30.81	54.00	23.19	V	-14.2
1399.500000	42.08	---	74.00	31.92	V	-14.2
2326.000000	---	33.00	54.00	21.00	V	-10.0
2326.000000	41.07	---	74.00	32.93	V	-10.0
2436.500000	41.77	---	68.20	26.43	H	-9.9
2793.500000	---	34.34	54.00	19.66	V	-8.7
2793.500000	41.43	---	74.00	32.57	V	-8.7
3748.900000	---	35.96	54.00	18.04	H	-5.6
3748.900000	41.95	---	74.00	32.05	H	-5.6
6249.600000	47.02	---	68.20	21.18	H	0.5
High Channel: 5240 MHz						
1510.000000	---	35.02	54.00	18.98	V	-13.9
1510.000000	42.12	---	74.00	31.88	V	-13.9
2038.700000	40.47	---	68.20	27.73	H	-10.5
2562.300000	41.17	---	68.20	27.03	H	-9.5
2824.100000	---	32.49	54.00	21.51	V	-8.6
2824.100000	44.28	---	74.00	29.72	V	-8.6
3748.900000	---	36.18	54.00	17.82	H	-5.6
3748.900000	43.21	---	74.00	30.79	H	-5.6
6249.600000	47.69	---	68.20	20.51	H	0.5

802.11ac40 Mode:

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5190 MHz						
1158.100000	---	26.30	54.00	27.70	H	-15.0
1158.100000	40.96	---	74.00	33.04	H	-15.0
1518.500000	---	33.79	54.00	20.21	V	-13.8
1518.500000	41.12	---	74.00	32.88	V	-13.8
2110.100000	42.07	---	68.20	26.13	H	-10.4
2803.700000	---	36.06	54.00	17.94	H	-8.7
2803.700000	41.95	---	74.00	32.05	H	-8.7
3748.900000	---	35.79	54.00	18.21	V	-5.6
3748.900000	41.31	---	74.00	32.69	V	-5.6
6249.600000	47.55	---	68.20	20.65	H	0.5
High Channel: 5230 MHz						
1513.400000	---	32.13	54.00	21.87	H	-13.8
1513.400000	41.08	---	74.00	32.92	H	-13.8
2099.900000	42.69	---	68.20	25.51	H	-10.4
2344.700000	---	31.97	54.00	22.03	V	-10.0
2344.700000	44.65	---	74.00	29.35	V	-10.0
2805.400000	---	36.45	54.00	17.55	V	-8.7
2805.400000	44.08	---	74.00	29.92	V	-8.7
3748.900000	---	35.88	54.00	18.12	H	-5.6
3748.900000	43.06	---	74.00	30.94	H	-5.6
6249.600000	46.91	---	68.20	21.29	H	0.5

802.11n-HT40 Mode:

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5190 MHz						
1486.200000	---	33.02	54.00	20.98	V	-14.0
1486.200000	41.09	---	74.00	32.91	V	-14.0
2339.600000	---	32.26	54.00	21.74	H	-10.0
2339.600000	42.22	---	74.00	31.78	H	-10.0
2562.300000	39.81	---	68.20	28.39	H	-9.5
2803.700000	---	33.41	54.00	20.59	V	-8.7
2803.700000	43.27	---	74.00	30.73	V	-8.7
3748.900000	---	37.03	54.00	16.97	V	-5.6
3748.900000	42.79	---	74.00	31.21	V	-5.6
6249.600000	46.48	---	68.20	21.72	H	0.5
High Channel: 5230 MHz						
1397.800000	---	35.97	54.00	18.03	V	-14.3
1397.800000	48.48	---	74.00	25.52	V	-14.3
2099.900000	45.53	---	68.20	22.67	H	-10.4
2562.300000	40.02	---	68.20	28.18	H	-9.5
2793.500000	---	33.69	54.00	20.31	V	-8.7
2793.500000	44.86	---	74.00	29.14	V	-8.7
3748.900000	---	36.47	54.00	17.53	H	-5.6
3748.900000	42.66	---	74.00	31.34	H	-5.6
6249.600000	47.01	---	68.20	21.19	H	0.5

802.11ac80 Mode:

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Middle Channel: 5210 MHz						
1391.000000	---	32.58	54.00	21.42	V	-14.3
1391.000000	45.13	---	74.00	28.87	V	-14.3
2098.200000	40.49	---	68.20	27.71	H	-10.4
2562.300000	40.23	---	68.20	27.97	H	-9.5
2800.300000	---	34.68	54.00	19.32	V	-8.7
2800.300000	43.93	---	74.00	30.07	V	-8.7
3748.900000	---	36.06	54.00	17.94	H	-5.6
3748.900000	43.18	---	74.00	30.82	H	-5.6
6249.600000	46.63	---	68.20	21.57	H	0.5

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

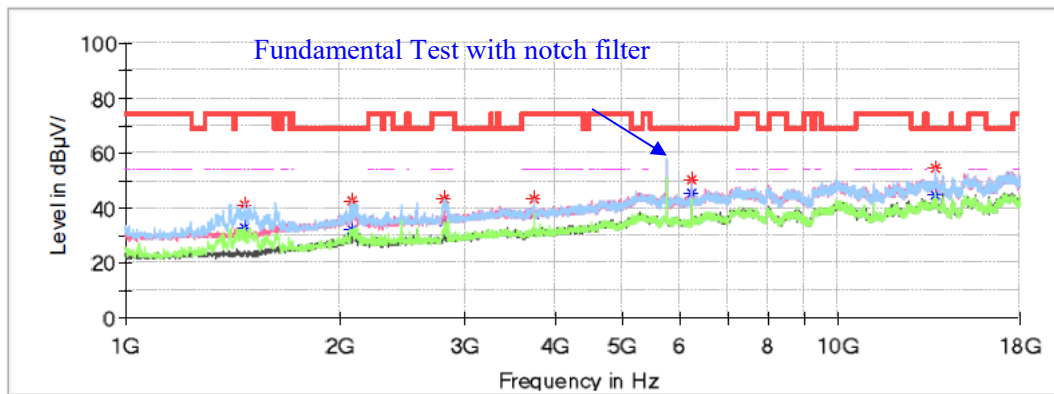
802.11a Mode (chain 1):

Low Channel: 5745MHz

Common Information

Project No.:	RKSA240228002
Test Mode:	5G Wi-Fi 802.11a Mode Low channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer:	Peter Wang

Full Spectrum



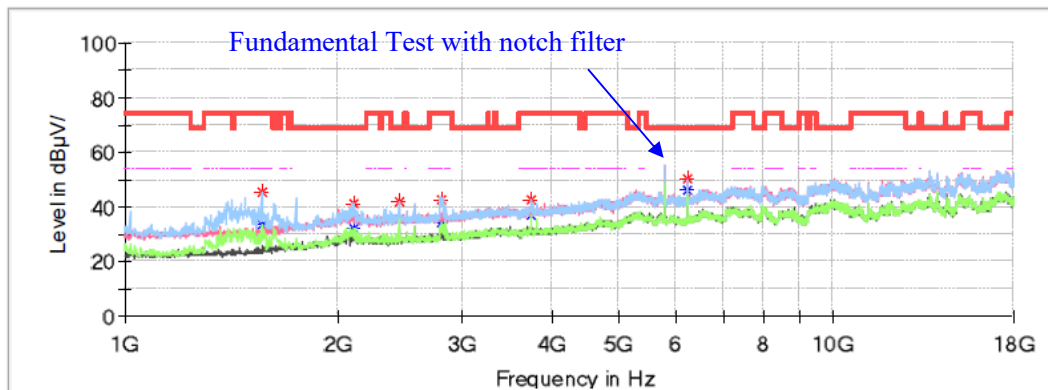
Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1472.600000	---	32.83	54.00	21.17	H	-14.0
1472.600000	41.34	---	74.00	32.66	H	-14.0
2076.100000	42.54	---	68.20	25.66	H	-10.4
2802.000000	---	35.15	54.00	18.85	H	-8.7
2802.000000	43.21	---	74.00	30.79	H	-8.7
3748.900000	---	37.63	54.00	16.37	H	-5.6
3748.900000	43.08	---	74.00	30.92	H	-5.6
6249.600000	50.29	---	68.20	17.91	V	0.5
13685.400000	54.56	---	68.20	13.64	H	10.8

Middle Channel: 5785MHz**Common Information**

Project No.:	RKSA240228002
Test Mode:	5G Wi-Fi 802.11a Mode Middle channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer:	Peter Wang

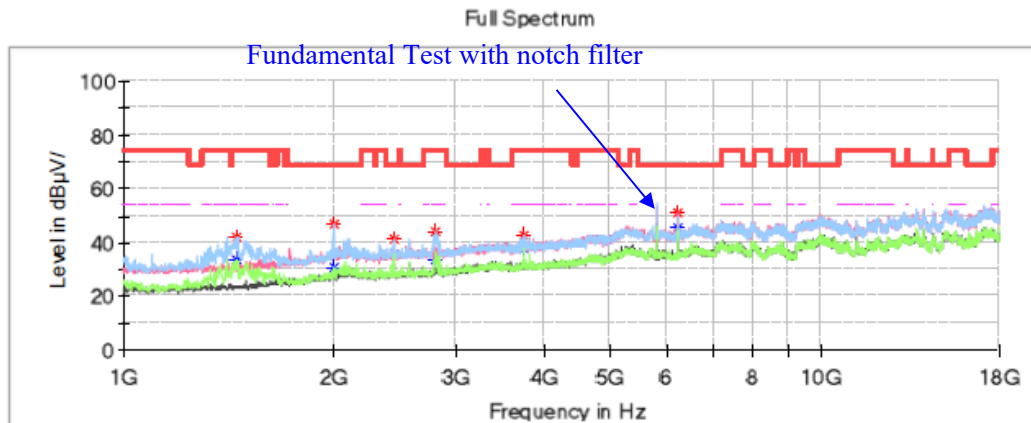
Full Spectrum

**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)
1559.300000	45.41	---	74.00	28.59	H	-13.5
1559.300000	---	33.37	54.00	20.63	H	-13.5
2105.000000	41.53	---	68.20	26.67	H	-10.4
2436.500000	41.92	---	68.20	26.28	H	-9.9
2805.400000	---	34.26	54.00	19.74	H	-8.7
2805.400000	42.87	---	74.00	31.13	H	-8.7
3748.900000	---	37.01	54.00	16.99	H	-5.6
3748.900000	42.53	---	74.00	31.47	H	-5.6
6249.600000	50.18	---	68.20	18.02	V	0.5

High Channel: 5825MHz**Common Information**

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11a Mode High channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

**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)
1450.500000	---	33.42	54.00	20.58	H	-14.1
1450.500000	42.13	---	74.00	31.87	H	-14.1
1997.900000	47.13	---	68.20	21.07	H	-10.6
2436.500000	41.27	---	68.20	26.93	H	-9.9
2800.300000	---	33.40	54.00	20.60	H	-8.7
2800.300000	44.40	---	74.00	29.60	H	-8.7
3748.900000	---	37.58	54.00	16.42	H	-5.6
3748.900000	42.35	---	74.00	31.65	H	-5.6
6249.600000	51.06	---	68.20	17.14	V	0.5

802.11a Mode (chain 0):

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5745 MHz						
1803.800000	48.81	---	68.20	19.39	H	-14.2
2582.700000	33.88	---	68.20	34.32	H	-10.4
3748.100000	---	35.1	54.00	18.90	H	-5.6
3748.100000	42.2	---	74.00	31.80	H	-5.6
6583.400000	50.29	---	68.20	17.91	V	0.5
13598.300000	47.86	---	68.20	20.34	H	9.4
17505.900000	47.69	---	68.20	20.51	H	11.5
Middle Channel: 5785 MHz						
1903.900000	48.81	---	68.20	19.39	H	-14.2
2682.700000	33.88	---	68.20	34.32	H	-10.4
3748.600000	---	33.09	54.00	20.91	H	-5.6
3748.600000	42.2	---	74.00	31.80	H	-5.6
6586.400000	50.29	---	68.20	17.91	V	0.5
13648.300000	47.86	---	68.20	20.34	H	9.4
17506.100000	47.69	---	68.20	20.51	H	11.5
High Channel: 5825 MHz						
1603.100000	---	29.01	54.00	23.12	H	-14.2
1603.100000	48.81	---	74.00	29.19	H	-14.2
2582.200000	33.88	---	68.20	34.32	H	-10.4
3748.600000	---	33.09	54.00	20.91	H	-5.6
3748.600000	42.2	---	74.00	31.80	H	-5.6
6986.500000	50.29	---	68.20	17.91	V	0.5
14648.300000	47.86	---	68.20	20.34	H	9.4
17106.600000	47.69	---	68.20	20.51	H	11.5

For Chain0+1:

802.11ac20 Mode:

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5745 MHz						
1401.200000	---	38.08	54.00	15.92	V	-14.2
1401.200000	46.92	---	74.00	27.08	V	-14.2
2436.500000	42.22	---	68.20	25.98	H	-9.9
2560.600000	40.77	---	68.20	27.43	H	-9.5
2802.000000	---	37.02	54.00	16.98	V	-8.7
2802.000000	40.88	---	74.00	33.12	V	-8.7
3748.900000	---	37.42	54.00	16.58	H	-5.6
3748.900000	43.18	---	74.00	30.82	H	-5.6
6249.600000	49.34	---	68.20	18.86	H	0.5
Middle Channel: 5785 MHz						
1399.500000	---	36.96	54.00	17.04	H	-14.2
1399.500000	45.03	---	74.00	28.97	H	-14.2
2091.400000	41.15	---	68.20	27.05	H	-10.4
2436.500000	42.49	---	68.20	25.71	H	-9.9
2805.400000	---	34.89	54.00	19.11	V	-8.7
2805.400000	43.06	---	74.00	30.94	V	-8.7
3748.900000	---	36.69	54.00	17.31	V	-5.6
3748.900000	42.97	---	74.00	31.03	V	-5.6
6249.600000	48.48	---	68.20	19.72	H	0.5
High Channel: 5825 MHz						
1402.900000	---	34.29	54.00	19.71	V	-14.2
1402.900000	45.33	---	74.00	28.67	V	-14.2
2077.800000	42.02	---	68.20	26.18	H	-10.4
2436.500000	41.73	---	68.20	26.47	H	-9.9
2796.900000	---	34.48	54.00	19.52	V	-8.7
2796.900000	44.64	---	74.00	29.36	V	-8.7
3748.900000	---	38.98	54.00	15.02	H	-5.6
3748.900000	44.61	---	74.00	29.39	H	-5.6
6249.600000	48.42	---	68.20	19.78	H	0.5

802.11n-HT20 Mode:

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5745 MHz						
1464.100000	---	31.84	54.00	22.16	V	-14.0
1464.100000	41.03	---	74.00	32.97	V	-14.0
2099.900000	40.75	---	68.20	27.45	H	-10.4
2436.500000	41.80	---	68.20	26.40	H	-9.9
2796.900000	---	35.88	54.00	18.12	V	-8.7
2796.900000	43.11	---	74.00	30.89	V	-8.7
6249.600000	48.52	---	68.20	19.68	H	0.5
10001.500000	50.95	---	68.20	17.25	H	7.8
Middle Channel: 5785 MHz						
1455.600000	---	35.95	54.00	18.05	V	-14.1
1455.600000	42.91	---	74.00	31.09	V	-14.1
2008.100000	43.15	---	68.20	25.05	H	-10.6
2436.500000	42.24	---	68.20	25.96	H	-9.9
2796.900000	---	34.24	54.00	19.76	V	-8.7
2796.900000	44.37	---	74.00	29.63	V	-8.7
3748.900000	---	37.67	54.00	16.33	V	-5.6
3748.900000	43.29	---	74.00	30.71	V	-5.6
6249.600000	49.65	---	68.20	18.55	H	0.5
High Channel: 5825 MHz						
1397.800000	---	31.96	54.00	22.04	V	-14.3
1397.800000	43.33	---	74.00	30.67	V	-14.3
2033.600000	41.09	---	68.20	27.11	H	-10.5
2436.500000	41.97	---	68.20	26.23	H	-9.9
2798.600000	---	35.36	54.00	18.64	V	-8.7
2798.600000	43.16	---	74.00	30.84	V	-8.7
3748.900000	---	38.74	54.00	15.26	H	-5.6
3748.900000	43.55	---	74.00	30.45	H	-5.6
6249.600000	48.59	---	68.20	19.61	H	0.5

802.11ac40 Mode:

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5755 MHz						
1402.900000	---	36.68	54.00	17.32	V	-14.2
1402.900000	45.82	---	74.00	28.18	V	-14.2
2094.800000	43.44	---	68.20	24.76	H	-10.4
2436.500000	41.29	---	68.20	26.91	H	-9.9
2800.300000	---	35.50	54.00	18.50	V	-8.7
2800.300000	42.75	---	74.00	31.25	V	-8.7
3748.900000	---	37.45	54.00	16.55	H	-5.6
3748.900000	43.36	---	74.00	30.64	H	-5.6
6249.600000	48.33	---	68.20	19.87	H	0.5
High Channel: 5795 MHz						
1397.800000	---	34.31	54.00	19.69	V	-14.3
1397.800000	44.31	---	74.00	29.69	V	-14.3
2093.100000	41.09	---	68.20	27.11	H	-10.4
2436.500000	41.94	---	68.20	26.26	H	-9.9
2798.600000	---	36.78	54.00	17.22	V	-8.7
2798.600000	43.48	---	74.00	30.52	V	-8.7
3748.900000	---	38.49	54.00	15.51	H	-5.6
3748.900000	44.78	---	74.00	29.22	H	-5.6
6249.600000	48.40	---	68.20	19.80	H	0.5

802.11n-HT40 Mode:

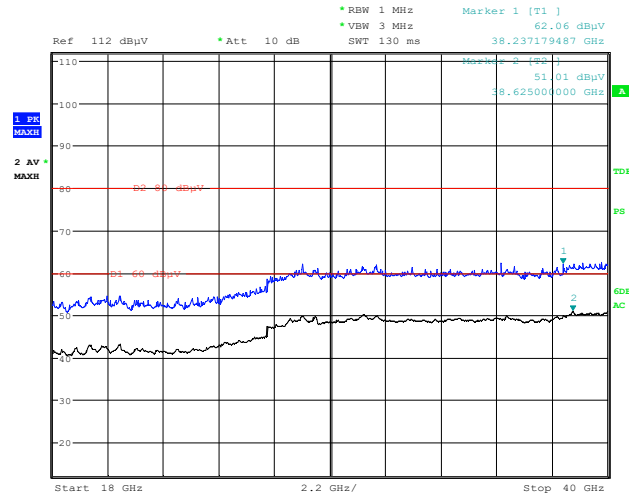
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5755 MHz						
1404.600000	---	32.65	54.00	21.35	V	-14.2
1404.600000	43.72	---	74.00	30.28	V	-14.2
2074.400000	41.77	---	68.20	26.43	H	-10.4
2436.500000	41.09	---	68.20	27.11	H	-9.9
2800.300000	---	36.31	54.00	17.69	V	-8.7
2800.300000	43.35	---	74.00	30.65	V	-8.7
3748.900000	---	37.78	54.00	16.22	V	-5.6
3748.900000	43.97	---	74.00	30.03	V	-5.6
6249.600000	48.94	---	68.20	19.26	H	0.5
High Channel: 5795 MHz						
1396.100000	---	28.07	54.00	25.93	V	-14.3
1396.100000	42.38	---	74.00	31.62	V	-14.3
2103.300000	43.95	---	68.20	24.25	H	-10.4
2320.900000	---	30.38	54.00	23.62	V	-10.1
2320.900000	45.51	---	74.00	28.49	V	-10.1
2802.000000	---	35.49	54.00	18.51	H	-8.7
2802.000000	42.45	---	74.00	31.55	H	-8.7
3748.900000	---	38.10	54.00	15.90	H	-5.6
3748.900000	43.90	---	74.00	30.10	H	-5.6
6249.600000	48.60	---	68.20	19.60	H	0.5

802.11ac80 Mode:

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Middle Channel: 5775 MHz						
1632.400000	42.96	---	68.20	25.24	H	-13.0
2084.600000	43.04	---	68.20	25.16	H	-10.4
2336.200000	---	31.86	54.00	22.14	V	-10.0
2336.200000	46.73	---	74.00	27.27	V	-10.0
2795.200000	---	35.61	54.00	18.39	H	-8.7
2795.200000	43.59	---	74.00	30.41	H	-8.7
3748.900000	---	37.36	54.00	16.64	V	-5.6
3748.900000	42.76	---	74.00	31.24	V	-5.6
6249.600000	49.01	---	68.20	19.19	H	0.5

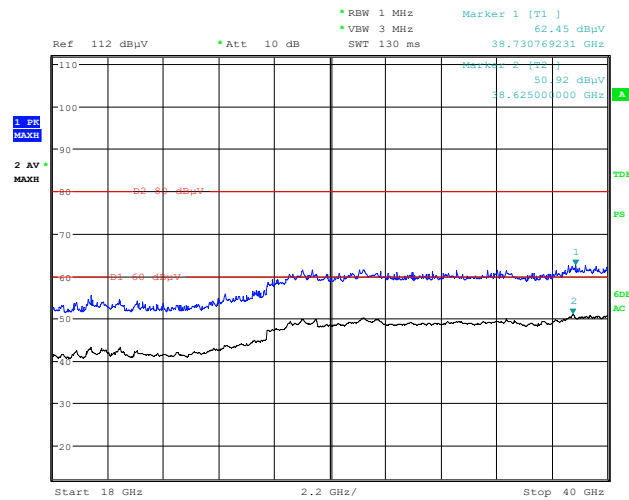
18GHz-40GHz:

Pre-scan with 802.11a, 802.11ac20, 802.11n-HT20, 802.11ac40, 802.11n-HT40, 802.11ac80 modes of operation in the X,Y and Z axes of orientation, the worst case 802.11ac80 mode (5775MHz) was recorded

Horizontal

Project No :RKSA240228002 Tester: Hugh Wu

Date: 28.MAY.2024 13:50:56

Vertical

Project No :RKSA240228002 Tester: Hugh Wu

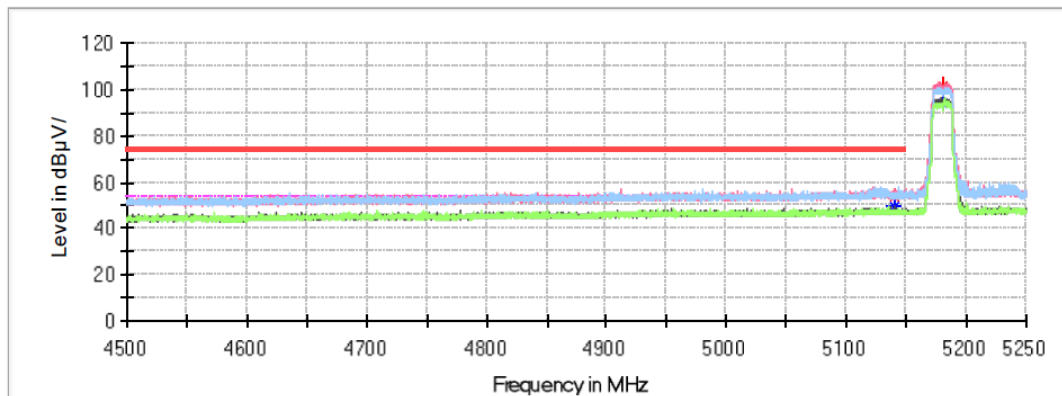
Date: 28.MAY.2024 14:11:13

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

Restricted Bands Emissions Test (5150-5250MHz Band):*802.11a Mode (pre-scan chain0 and chain 1, only worst chain 1 is recorded):***Common Information**

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11a Mode Low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum

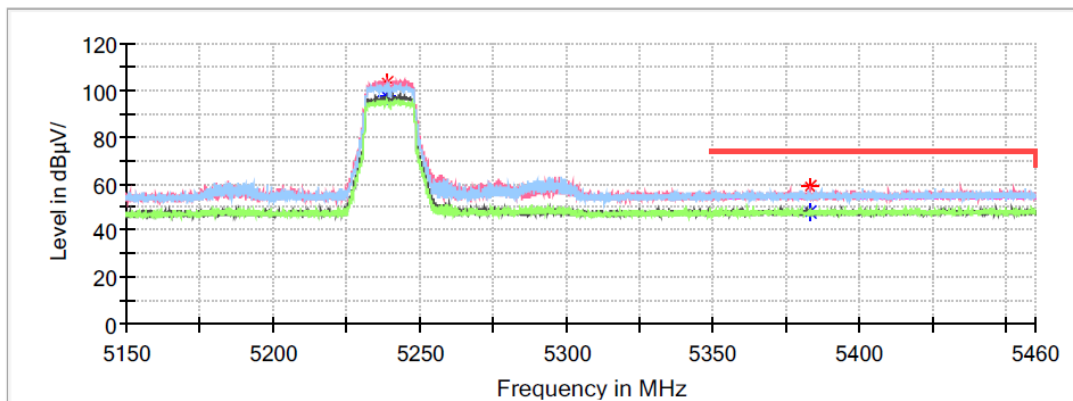
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5140.275000	53.67	---	74.00	20.33	V	9.4
5140.275000	---	49.32	54.00	4.68	V	9.4
5180.400000	---	94.08	---	---	V	9.5
5180.400000	101.28	---	---	---	V	9.5

Common Information

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11a Mode High channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum



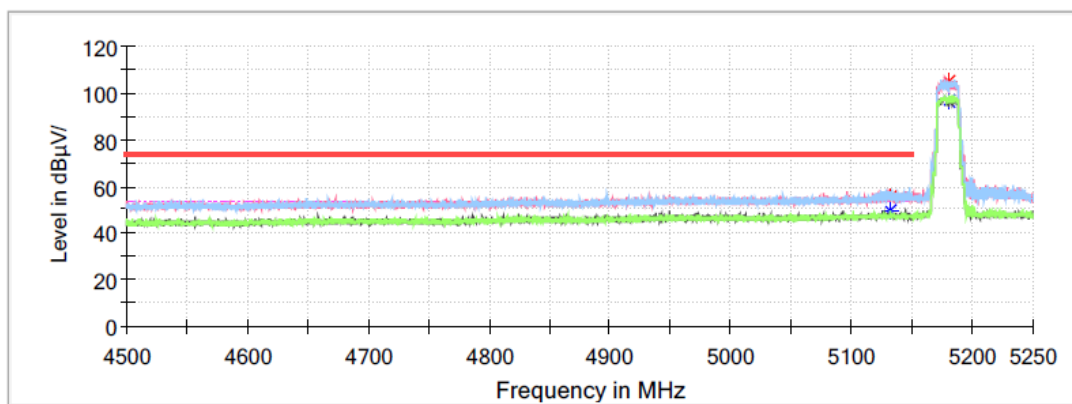
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5238.691000	---	97.28	---	---	V	9.8
5238.691000	103.28	---	---	---	V	9.8
5383.244000	---	47.91	54.00	6.09	V	10.4
5383.244000	58.32	---	74.00	15.68	V	10.4

802.11ac20 Mode (chain 0+1):**Common Information**

Project No.:	RKSA240228002
Test Mode:	5G Wi-Fi 802.11ac20 Mode Low channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer:	Peter Wang

Full Spectrum

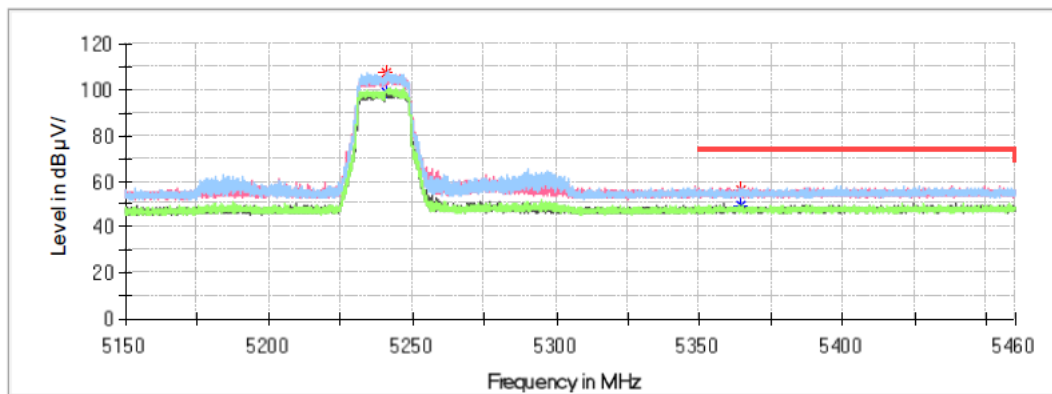
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5132.625000	55.66	---	74.00	18.34	H	9.3
5132.625000	---	49.35	54.00	4.65	H	9.3
5180.025000	---	96.28	---	---	H	9.5
5180.025000	104.61	---	---	---	H	9.5

Common Information

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11ac20 Mode High channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum



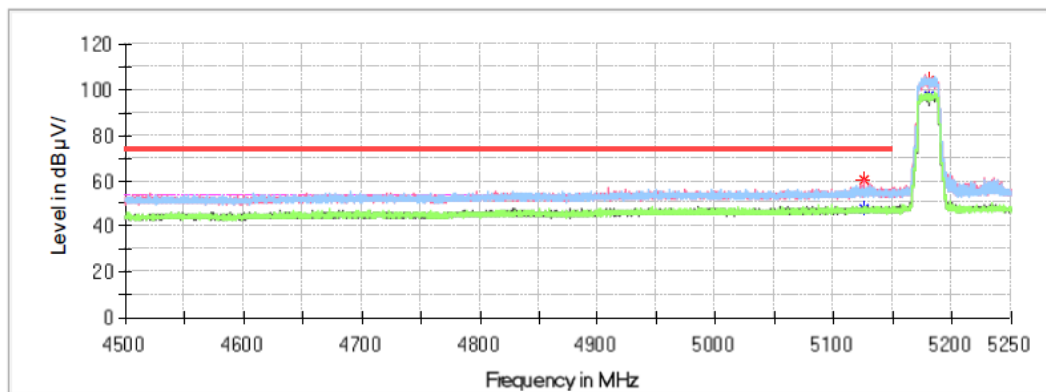
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5240.954000	107.07	---	---	---	H	9.8
5240.954000	---	99.01	---	---	H	9.8
5364.334000	56.21	---	74.00	17.79	V	10.3
5364.334000	---	49.92	54.00	4.08	V	10.3

802.11n-HT20 Mode (chain 0+1):**Common Information**

Project No.:	RKSA240228002
Test Mode:	5G Wi-Fi 802.11n20 Mode Low channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer:	Peter Wang

Full Spectrum

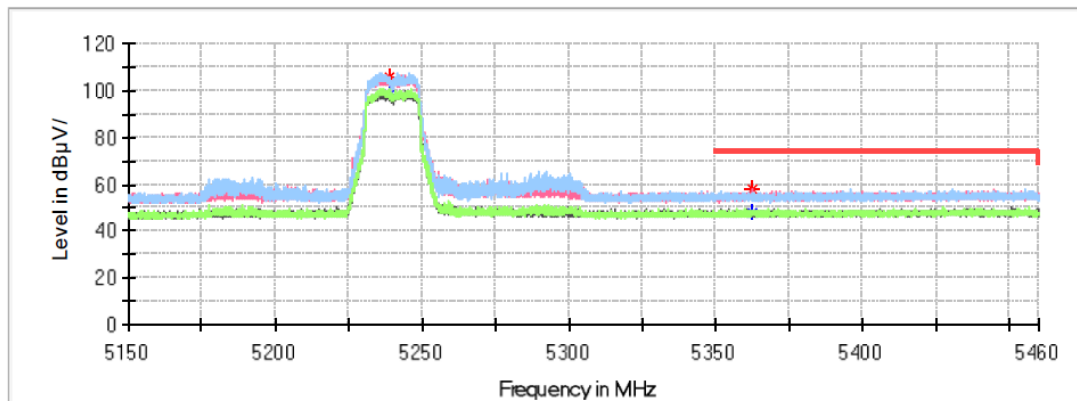
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5125.200000	---	47.91	54.00	6.09	V	9.3
5125.200000	60.16	---	74.00	13.84	V	9.3
5180.250000	---	97.07	---	---	H	9.5
5180.250000	103.64	---	---	---	H	9.5

Common Information

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11n20 Mode High channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum



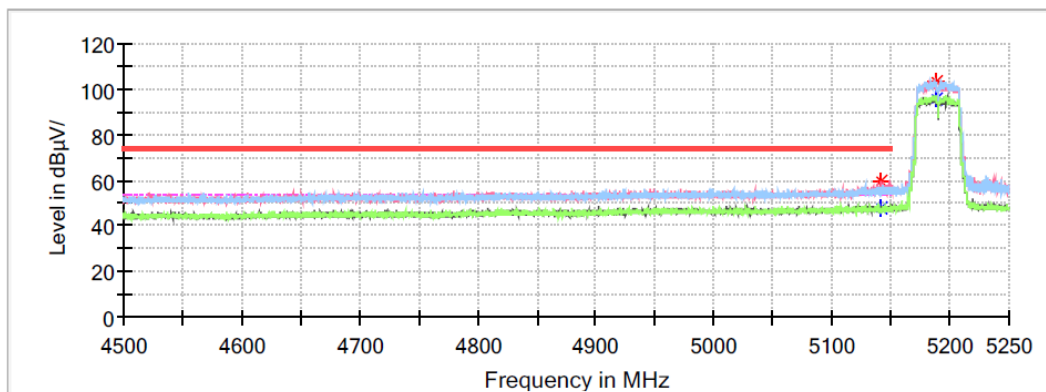
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5239.094000	---	97.78	---	---	V	9.8
5239.094000	105.94	---	---	---	V	9.8
5362.257000	57.72	---	74.00	16.28	V	10.3
5362.257000	---	47.96	54.00	6.04	V	10.3

802.11ac40 Mode (chain 0+1):**Common Information**

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11ac40 Mode Low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part
Test Engineer: 15.407 Peter Wang

Full Spectrum

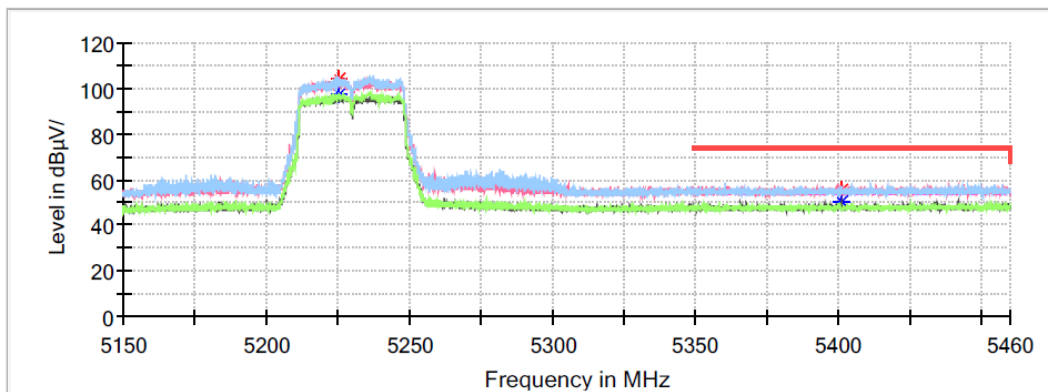
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5141.400000	---	47.99	54.00	6.01	H	9.4
5141.400000	59.66	---	74.00	14.34	H	9.4
5188.275000	---	95.53	---	---	H	9.6
5188.275000	102.92	---	---	---	H	9.6

Common Information

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11ac40 Mode high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum



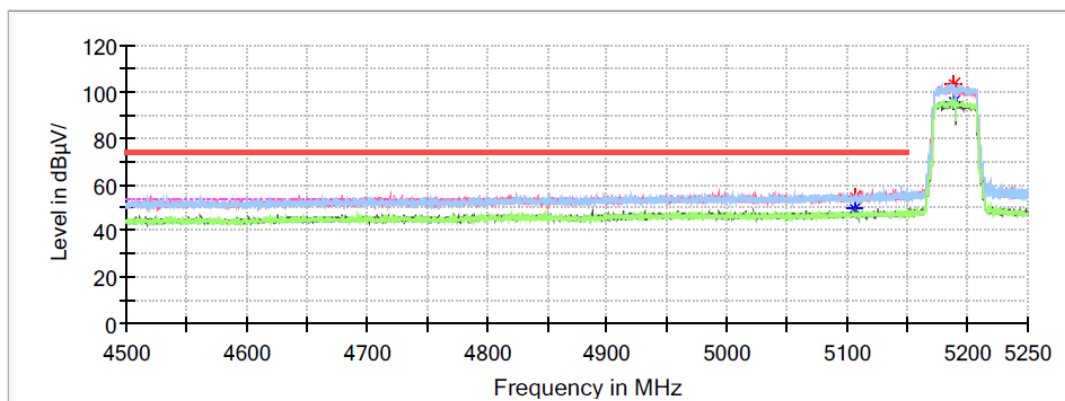
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5225.547000	---	97.64	---	---	H	9.7
5225.547000	104.39	---	---	---	H	9.7
5400.883000	---	50.38	54.00	3.62	H	10.4
5400.883000	54.99	---	74.00	19.01	H	10.4

802.11n-HT40 Mode (chain 0+1):**Common Information**

Project No.:	RKSA240228002
Test Mode:	5G Wi-Fi 802.11n40 Mode Low channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer:	Peter Wang

Full Spectrum

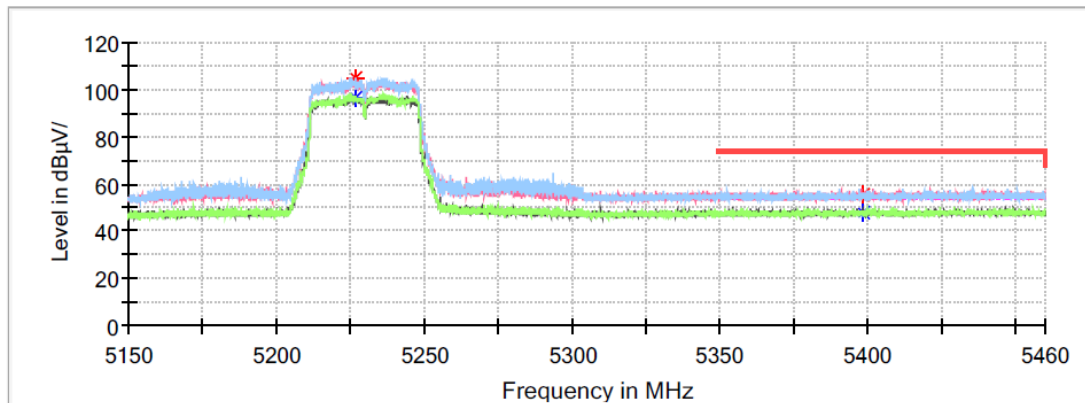
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5105.925000	54.95	---	74.00	19.05	H	9.2
5105.925000	---	49.48	54.00	4.52	H	9.2
5188.125000	---	95.98	---	---	H	9.6
5188.125000	103.33	---	---	---	H	9.6

Common Information

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11n40 Mode high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum



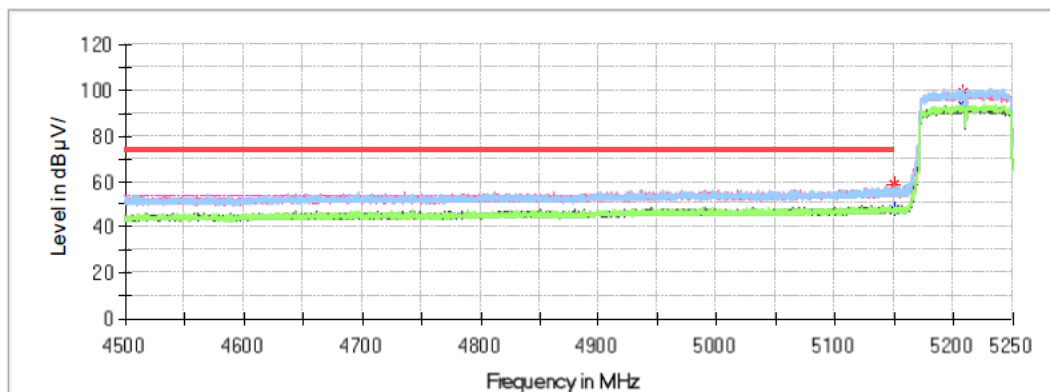
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5226.632000	---	96.14	---	---	H	9.7
5226.632000	104.69	---	---	---	H	9.7
5398.248000	---	47.56	54.00	6.44	H	10.4
5398.248000	55.43	---	74.00	18.57	H	10.4

802.11ac80 Mode (chain 0+1):**Common Information**

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11ac80 Mode
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum

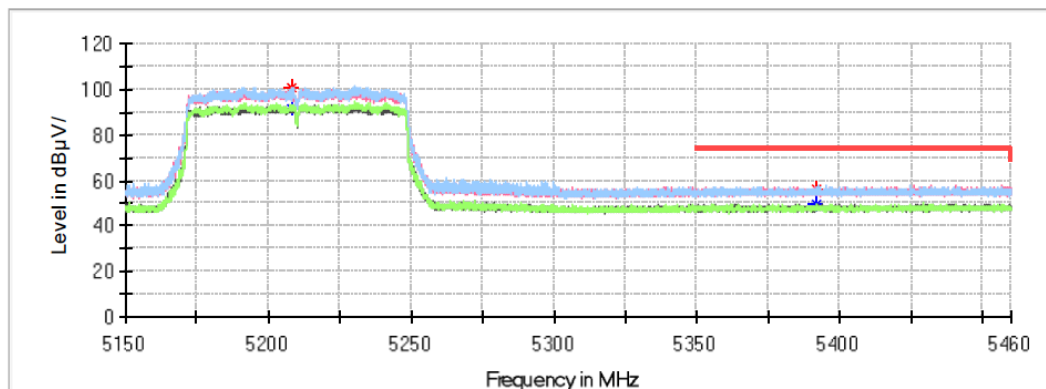
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5149.575000	---	47.69	54.00	6.31	V	9.4
5149.575000	58.38	---	74.00	15.62	V	9.4
5207.850000	---	93.02	---	---	H	9.6
5207.850000	98.71	---	---	---	H	9.6

Common Information

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11ac80 Mode
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum



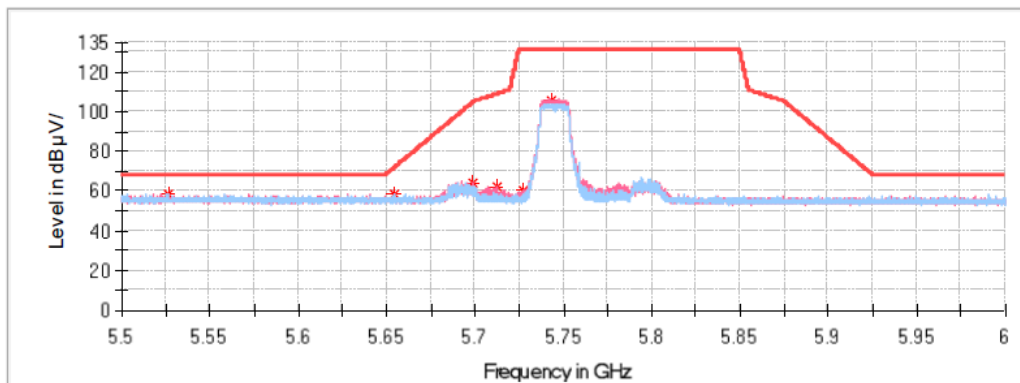
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5207.877000	---	91.50	---	---	H	9.6
5207.877000	100.64	---	---	---	H	9.6
5391.676000	---	49.69	54.00	4.31	V	10.4
5391.676000	56.20	---	74.00	17.80	V	10.4

Bandedge Emissions Test (5725-5850MHz Band):*802.11a Mode (pre-scan chain0 and chain 1, only worst chain 1 is recorded):***Common Information**

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11a Mode Low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum

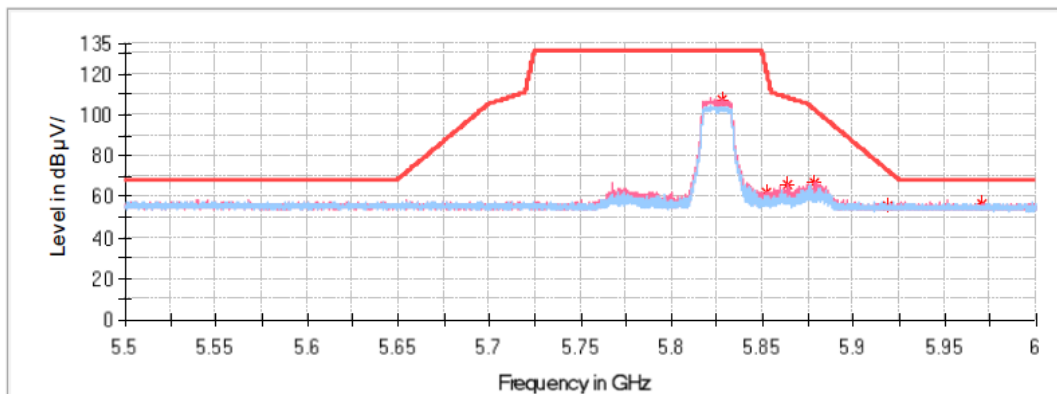
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5525.900000	58.50	---	68.20	9.70	H	10.8
5653.950000	58.12	---	71.12	13.00	H	10.6
5698.500000	64.03	---	104.09	40.06	V	10.6
5711.950000	62.49	---	108.55	46.06	V	10.6

Common Information

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11a Mode High channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum



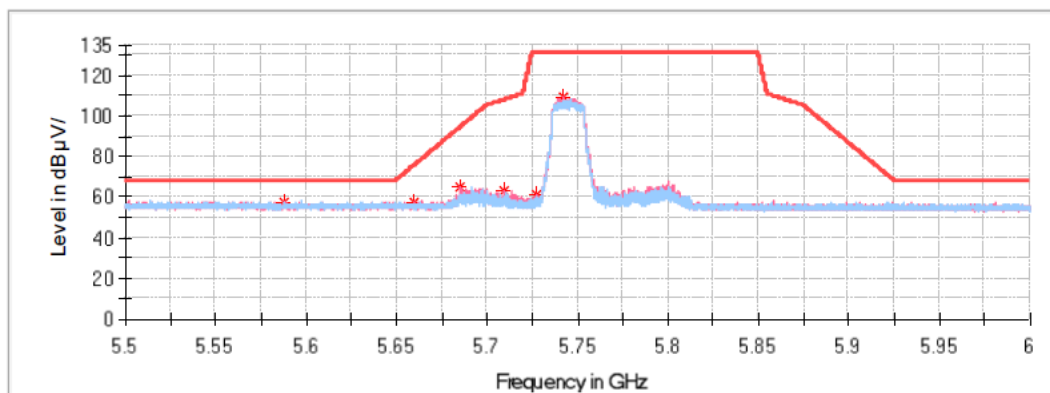
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5851.500000	62.53	---	125.08	62.55	V	10.4
5863.750000	66.35	---	108.35	42.00	V	10.4
5878.750000	67.25	---	102.42	35.17	V	10.3
5918.250000	55.73	---	73.20	17.46	V	10.3
5970.300000	56.48	---	68.20	11.72	V	10.2

802.11ac20 Mode (chain 0+1):**Common Information**

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11ac20 Mode Low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum

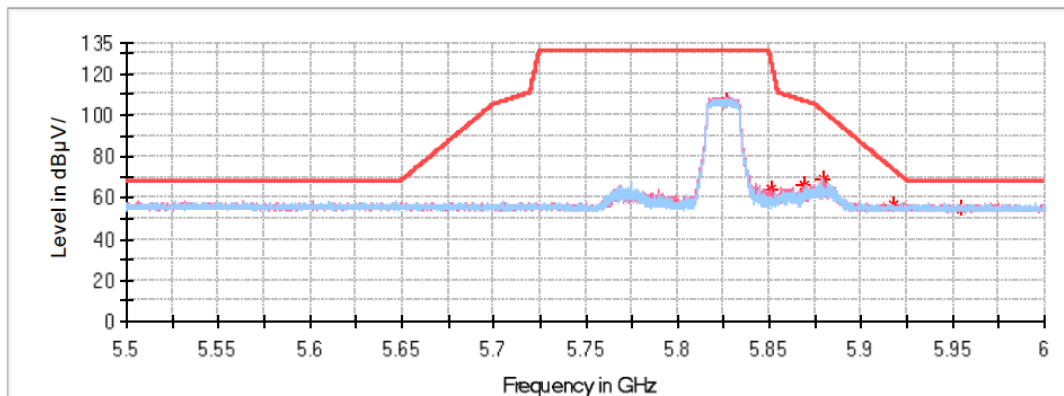
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5587.750000	57.52	---	68.20	10.68	V	10.7
5659.350000	57.60	---	75.12	17.52	V	10.6
5685.150000	65.28	---	94.21	28.93	V	10.6
5709.050000	63.40	---	107.73	44.34	V	10.6

Common Information

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11ac20 Mode High channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum



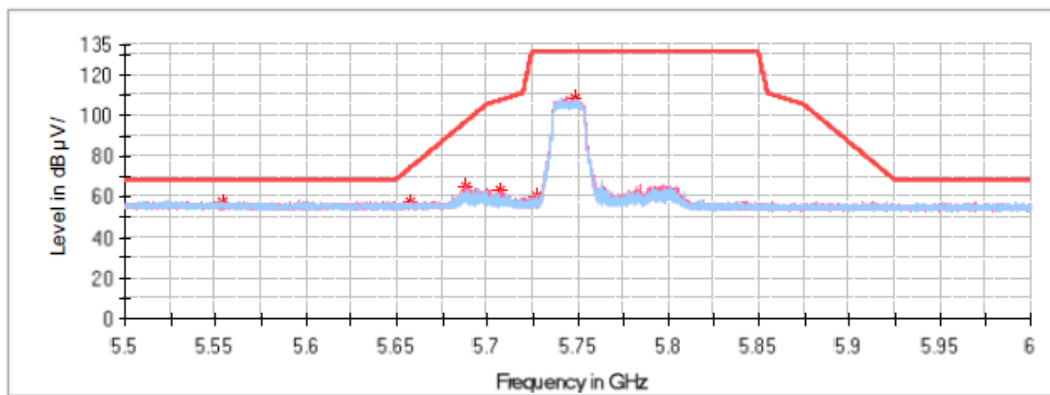
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5851.050000	64.03	---	126.92	62.88	V	10.4
5868.900000	66.17	---	106.91	40.73	V	10.4
5879.950000	68.52	---	101.54	33.02	V	10.3
5917.750000	56.62	---	73.56	16.94	V	10.3
5954.150000	54.41	---	68.20	13.79	V	10.2

802.11n-HT20 (chain 0+1)Mode:**Common Information**

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11n20 Mode Low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum

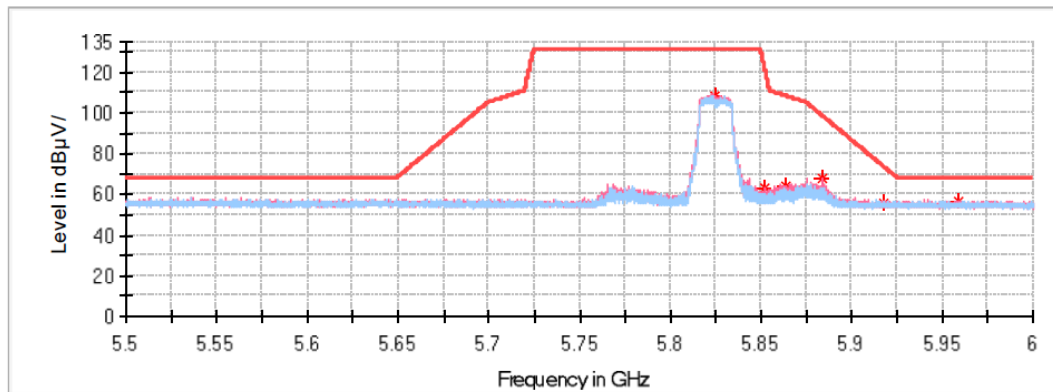
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5553.600000	57.86	---	68.20	10.34	V	10.8
5657.600000	57.68	---	73.82	16.14	V	10.6
5688.400000	65.29	---	96.62	31.33	V	10.6
5707.700000	63.52	---	107.36	43.84	V	10.6

Common Information

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11n20 Mode High channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum



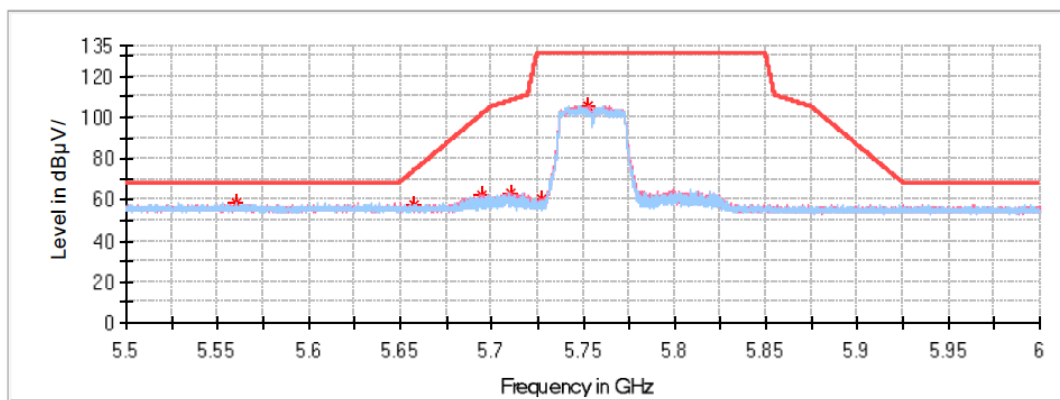
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5852.400000	63.39	---	121.41	58.01	V	10.4
5863.550000	64.55	---	108.41	43.85	V	10.4
5883.500000	67.65	---	98.91	31.26	V	10.3
5917.600000	56.17	---	73.68	17.51	V	10.3
5959.300000	56.56	---	68.20	11.64	V	10.2

802.11ac40 Mode (chain 0+1):**Common Information**

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11ac40 Mode Low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum

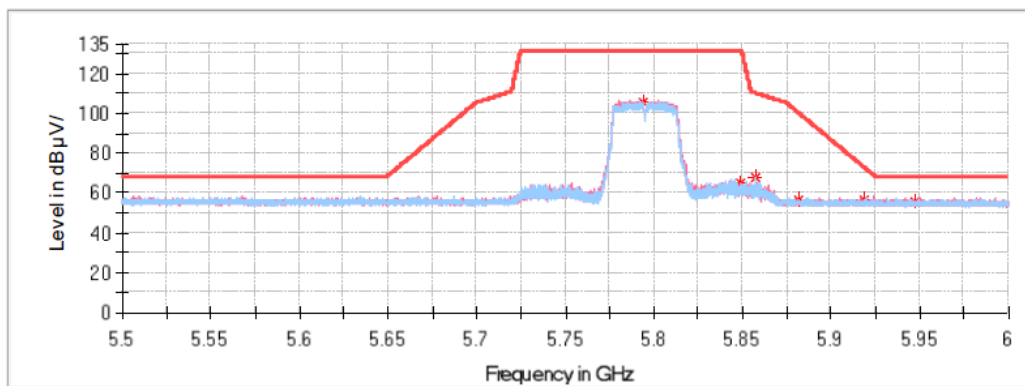
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5559.800000	58.81	---	68.20	9.39	H	10.8
5657.600000	57.41	---	73.82	16.42	H	10.6
5694.050000	62.09	---	100.80	38.71	V	10.6
5709.850000	63.25	---	107.96	44.70	V	10.6

Common Information

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11ac40 Mode high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum



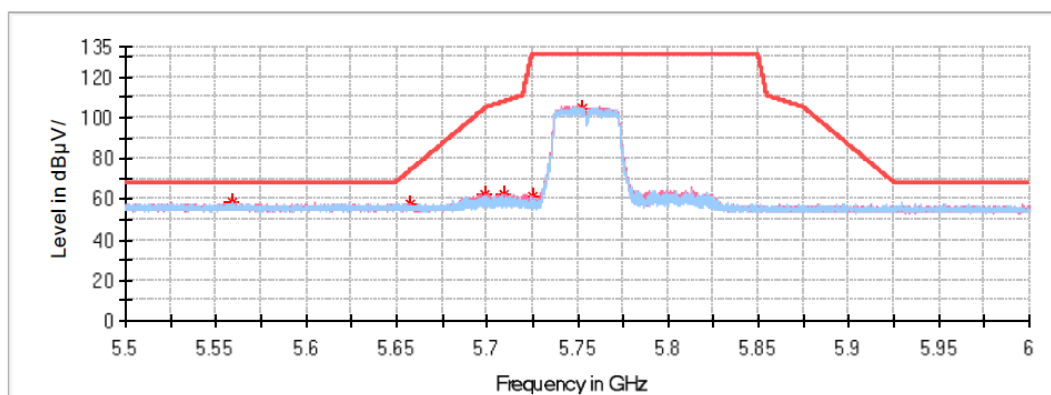
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5857.700000	68.27	---	110.04	41.77	H	10.4
5881.400000	56.73	---	100.46	43.73	H	10.3
5918.650000	56.77	---	72.90	16.13	H	10.3
5947.450000	55.99	---	68.20	12.21	H	10.3

802.11n-HT40 Mode (chain 0+1):**Common Information**

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11n40 Mode Low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum

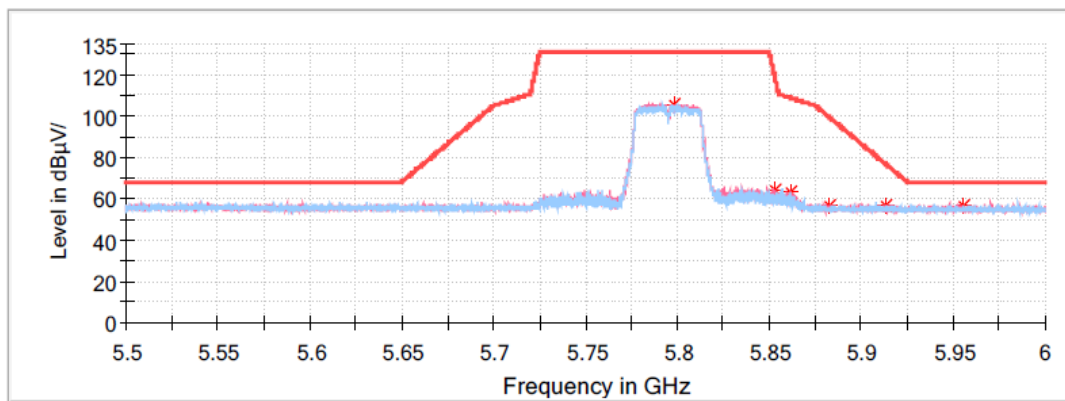
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5559.100000	58.46	---	68.20	9.74	V	10.8
5657.900000	57.50	---	74.05	16.54	V	10.6
5698.450000	62.10	---	104.05	41.95	V	10.6
5709.150000	62.65	---	107.76	45.12	V	10.6

Common Information

Project No.: RKSA240228002
Test Mode: 5G Wi-Fi 802.11n40 Mode high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Peter Wang

Full Spectrum



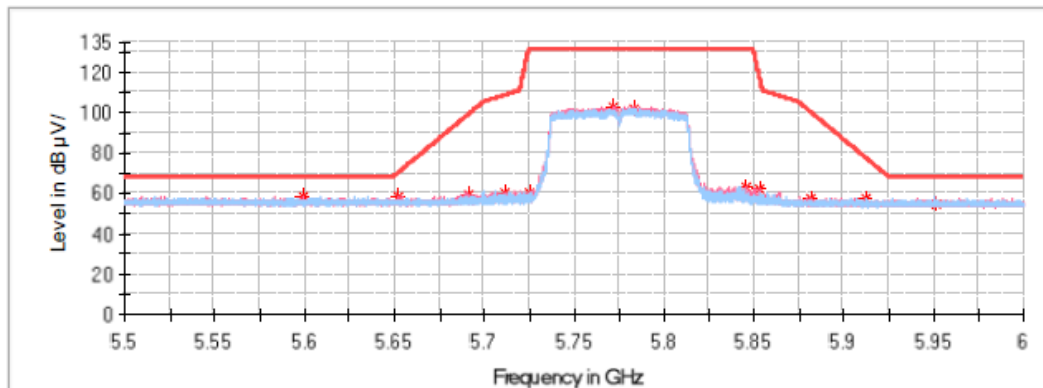
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5797.650000	105.31	---	131.20	25.89	V	10.5
5853.250000	64.27	---	117.94	53.67	V	10.4
5861.150000	63.71	---	109.08	45.37	V	10.4
5882.300000	56.66	---	99.80	43.14	V	10.3
5912.950000	56.76	---	77.12	20.36	V	10.3
5955.900000	56.42	---	68.20	11.78	V	10.2

802.11ac80 Mode (chain 0+1):**Common Information**

Project No.:	RKSA240228002
Test Mode:	5G Wi-Fi 802.11ac80 Mode
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer:	Peter Wang

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)
5599.350000	58.16	---	68.20	10.04	V	10.7
5652.400000	58.42	---	69.98	11.55	V	10.6
5691.600000	59.86	---	98.98	39.13	V	10.6
5711.850000	60.75	---	108.52	47.77	V	10.6
5853.200000	61.87	---	118.14	56.28	V	10.4
5881.550000	57.83	---	100.35	42.53	V	10.3
5911.900000	57.46	---	77.89	20.43	H	10.3
5951.500000	54.53	---	68.20	13.67	H	10.3

EMISSION BANDWIDTH**Test Result:** Compliant*5150-5250 MHz:*

Mode	26dB Bandwidth (MHz)
a_5180MHz_Chain 0	20.867
a_5180MHz_Chain 1	20.912
a_5200MHz_Chain 0	21.226
a_5200MHz_Chain 1	20.808
a_5240MHz_Chain 0	20.758
a_5240MHz_Chain 1	20.966
n20_5180MHz_Chain 0	21.615
n20_5180MHz_Chain 1	21.565
n20_5200MHz_Chain 0	22.157
n20_5200MHz_Chain 1	21.985
n20_5240MHz_Chain 0	22.257
n20_5240MHz_Chain 1	21.930
n40_5190MHz_Chain 0	41.259
n40_5190MHz_Chain 1	41.858
n40_5230MHz_Chain 0	41.858
n40_5230MHz_Chain 1	41.558
ac20_5180MHz_Chain 0	22.098
ac20_5180MHz_Chain 1	21.672
ac20_5200MHz_Chain 0	21.994
ac20_5200MHz_Chain 1	21.672
ac20_5240MHz_Chain 0	22.363
ac20_5240MHz_Chain 1	22.369
ac40_5190MHz_Chain 0	41.858
ac40_5190MHz_Chain 1	41.758
ac40_5230MHz_Chain 0	41.858
ac40_5230MHz_Chain 1	41.958
ac80_5210MHz_Chain 0	83.716
ac80_5210MHz_Chain 1	82.917

Mode	99% OBW (MHz)
a_5180MHz_Chain 0	16.400
a_5180MHz_Chain 1	16.450
a_5200MHz_Chain 0	16.400
a_5200MHz_Chain 1	16.450
a_5240MHz_Chain 0	16.450
a_5240MHz_Chain 1	16.450
n20_5180MHz_Chain 0	17.600
n20_5180MHz_Chain 1	17.600
n20_5200MHz_Chain 0	17.650
n20_5200MHz_Chain 1	17.650
n20_5240MHz_Chain 0	17.650
n20_5240MHz_Chain 1	17.650
n40_5190MHz_Chain 0	36.200
n40_5190MHz_Chain 1	36.100
n40_5230MHz_Chain 0	36.200
n40_5230MHz_Chain 1	36.200
ac20_5180MHz_Chain 0	17.600
ac20_5180MHz_Chain 1	17.600
ac20_5200MHz_Chain 0	17.600
ac20_5200MHz_Chain 1	17.650
ac20_5240MHz_Chain 0	17.650
ac20_5240MHz_Chain 1	17.650
ac40_5190MHz_Chain 0	36.200
ac40_5190MHz_Chain 1	36.200
ac40_5230MHz_Chain 0	36.200
ac40_5230MHz_Chain 1	36.200
ac80_5210MHz_Chain 0	75.400
ac80_5210MHz_Chain 1	75.200

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

5725-5850MHz:

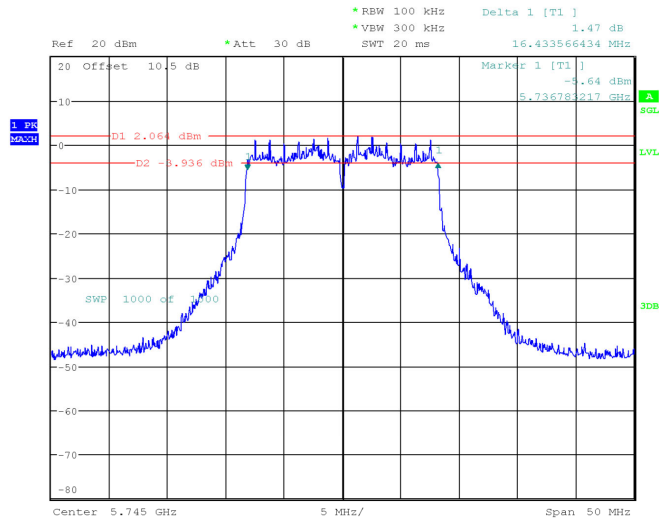
Mode	6dB Bandwidth (MHz)	Limit (MHz)	Result
a_5745MHz_Chain 0	16.434	0.500	Pass
a_5745MHz_Chain 1	15.485	0.500	Pass
a_5785MHz_Chain 0	16.434	0.500	Pass
a_5785MHz_Chain 1	15.285	0.500	Pass
a_5825MHz_Chain 0	15.485	0.500	Pass
a_5825MHz_Chain 1	16.484	0.500	Pass
n20_5745MHz_Chain 0	17.682	0.500	Pass
n20_5745MHz_Chain 1	17.283	0.500	Pass
n20_5785MHz_Chain 0	16.933	0.500	Pass
n20_5785MHz_Chain 1	17.083	0.500	Pass
n20_5825MHz_Chain 0	16.933	0.500	Pass
n20_5825MHz_Chain 1	17.283	0.500	Pass
n40_5755MHz_Chain 0	36.164	0.500	Pass
n40_5755MHz_Chain 1	36.164	0.500	Pass
n40_5795MHz_Chain 0	36.164	0.500	Pass
n40_5795MHz_Chain 1	36.164	0.500	Pass
ac20_5745MHz_Chain 0	17.682	0.500	Pass
ac20_5745MHz_Chain 1	17.283	0.500	Pass
ac20_5785MHz_Chain 0	16.733	0.500	Pass
ac20_5785MHz_Chain 1	16.683	0.500	Pass
ac20_5825MHz_Chain 0	17.682	0.500	Pass
ac20_5825MHz_Chain 1	17.033	0.500	Pass
ac40_5755MHz_Chain 0	35.964	0.500	Pass
ac40_5755MHz_Chain 1	36.663	0.500	Pass
ac40_5795MHz_Chain 0	36.364	0.500	Pass
ac40_5795MHz_Chain 1	36.164	0.500	Pass
ac80_5775MHz_Chain 0	75.724	0.500	Pass
ac80_5775MHz_Chain 1	75.724	0.500	Pass

Mode	99% OBW (MHz)
a_5745MHz_Chain 0	16.400
a_5745MHz_Chain 1	16.400
a_5785MHz_Chain 0	16.587
a_5785MHz_Chain 1	16.400
a_5825MHz_Chain 0	16.450
a_5825MHz_Chain 1	16.450
n20_5745MHz_Chain 0	17.700
n20_5745MHz_Chain 1	17.650
n20_5785MHz_Chain 0	17.550
n20_5785MHz_Chain 1	17.700
n20_5825MHz_Chain 0	17.550
n20_5825MHz_Chain 1	17.550
n40_5755MHz_Chain 0	36.200
n40_5755MHz_Chain 1	36.200
n40_5795MHz_Chain 0	36.200
n40_5795MHz_Chain 1	36.200
ac20_5745MHz_Chain 0	17.500
ac20_5745MHz_Chain 1	17.650
ac20_5785MHz_Chain 0	17.550
ac20_5785MHz_Chain 1	17.550
ac20_5825MHz_Chain 0	17.550
ac20_5825MHz_Chain 1	17.650
ac40_5755MHz_Chain 0	36.200
ac40_5755MHz_Chain 1	36.200
ac40_5795MHz_Chain 0	36.200
ac40_5795MHz_Chain 1	36.200
ac80_5775MHz_Chain 0	75.400
ac80_5775MHz_Chain 1	75.400

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

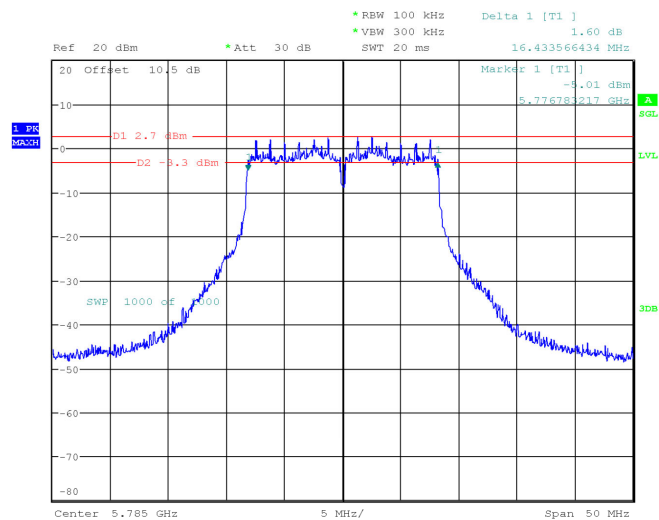
6dB Bandwidth
5725-5850 MHz Band
 Chain 0:

802.11a mode, 5745MHz



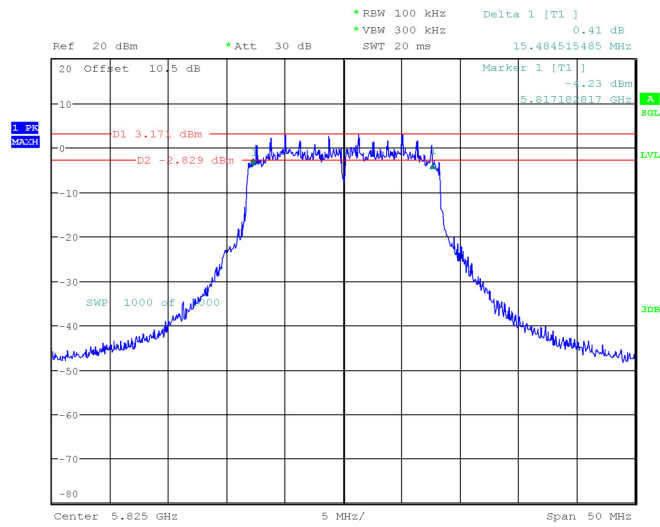
ProjectNo.:RKSA240228002 Tester:Jay Liu
 Date: 23.APR.2024 14:17:50

802.11a mode, 5785MHz



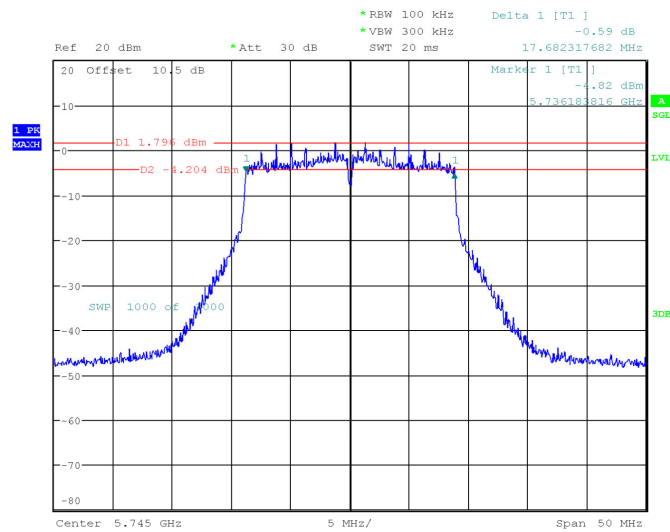
ProjectNo.:RKSA240228002 Tester:Jay Liu
 Date: 23.APR.2024 14:20:10

802.11a mode, 5825MHz



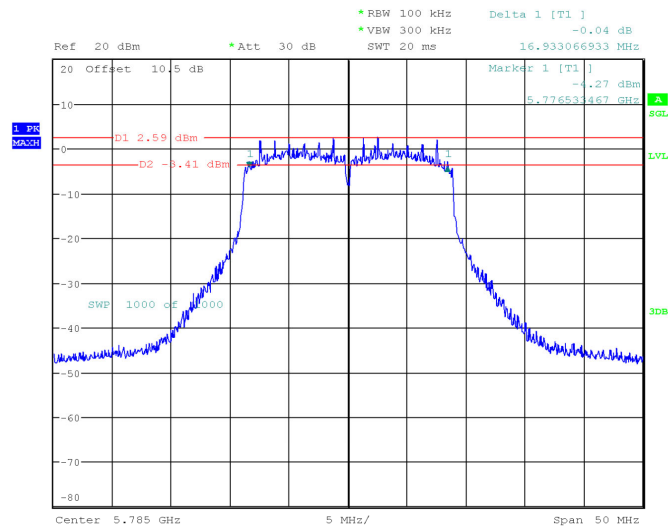
ProjectNo.:RKSA240228002 Tester:Jay Liu
Date: 23.APR.2024 14:24:17

802.11n20 mode, 5745MHz



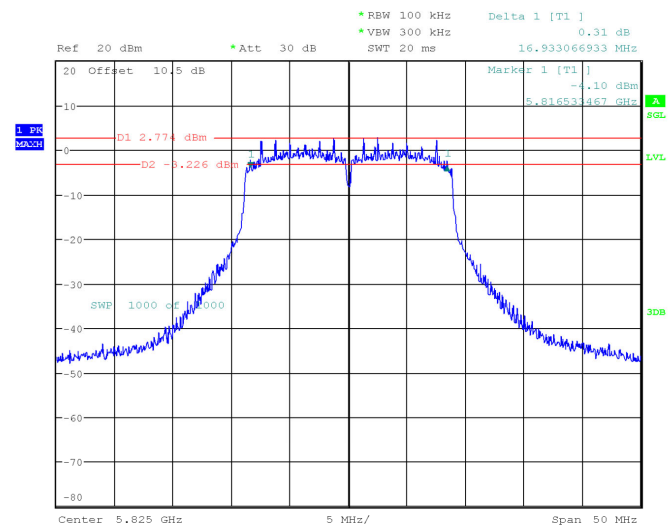
ProjectNo.:RKSA240228002 Tester:Jay Liu
Date: 23.APR.2024 14:25:45

802.11 n20 mode, 5785MHz



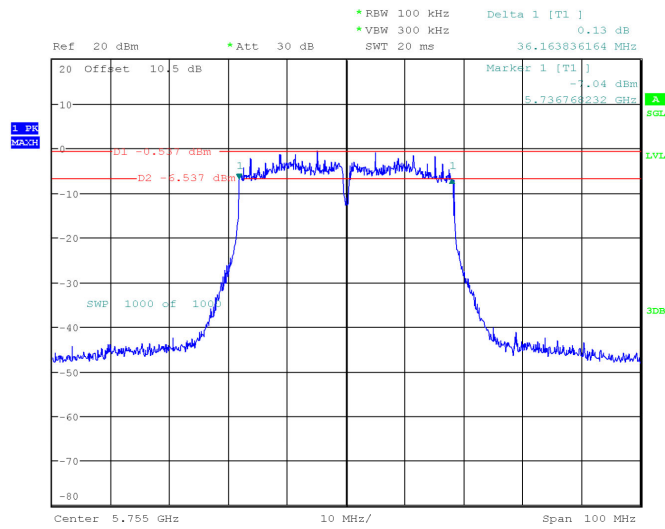
ProjectNo.:RKSA240228002 Tester:Jay Liu
 Date: 23.APR.2024 14:27:23

802.11 n20 mode, 5825MHz



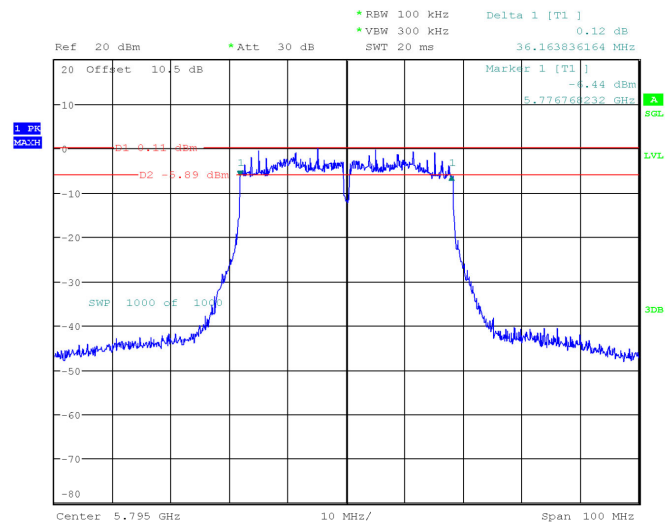
ProjectNo.:RKSA240228002 Tester:Jay Liu
 Date: 23.APR.2024 14:29:23

802.1140 mode, 5755MHz



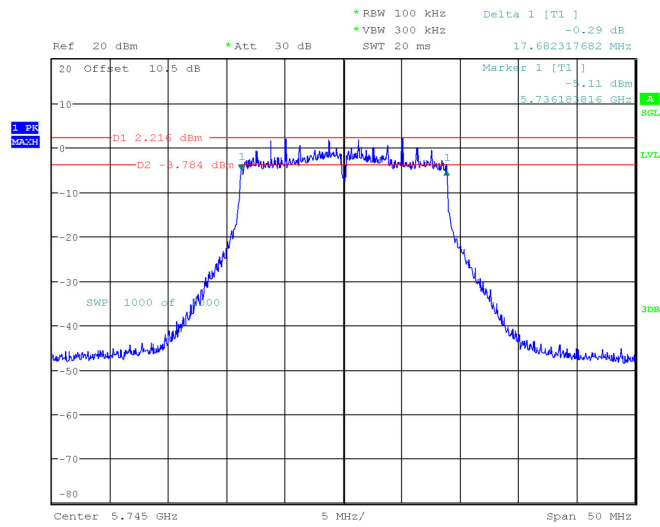
ProjectNo.:RKSA240228002 Tester:Jay Liu
Date: 23.APR.2024 14:31:45

802.11n40 mode, 5795MHz



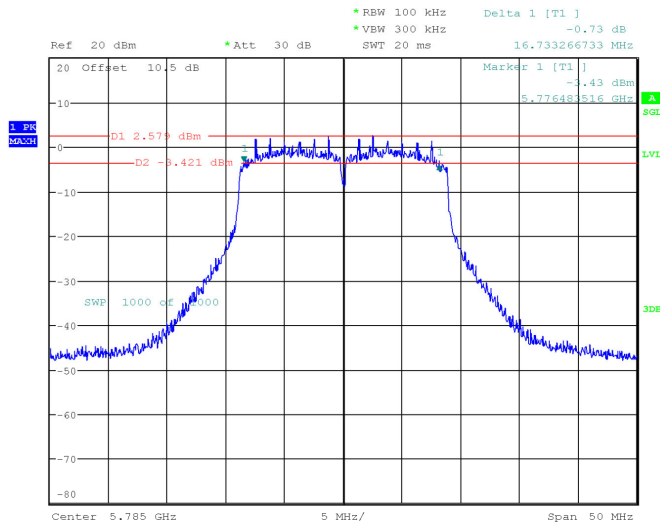
ProjectNo.:RKSA240228002 Tester:Jay Liu
Date: 23.APR.2024 14:33:58

802.11ac20 mode, 5745MHz



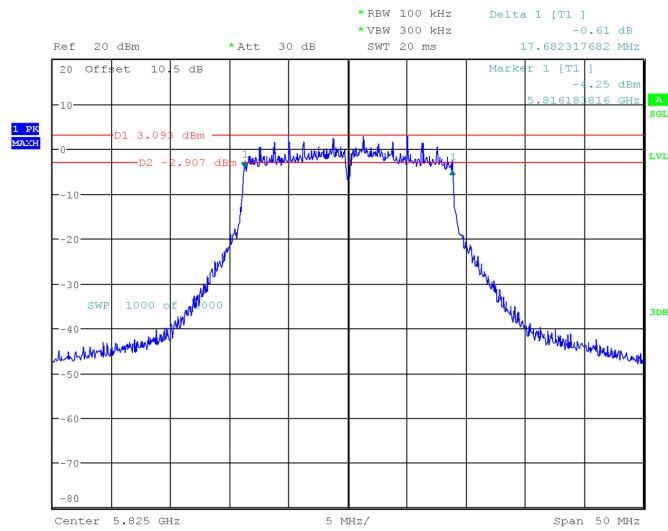
ProjectNo.:RKSA240228002 Tester:Jay Liu
 Date: 23.APR.2024 14:35:36

802.11ac20 mode, 5785MHz



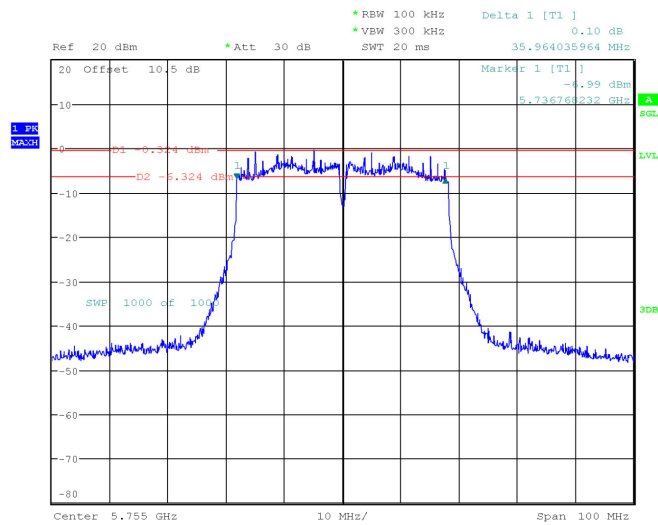
ProjectNo.:RKSA240228002 Tester:Jay Liu
 Date: 23.APR.2024 14:37:15

802.11 ac20 mode, 5825MHz



ProjectNo.:RKSA240228002 Tester:Jay Liu
 Date: 23.APR.2024 14:38:40

802.11ac40 mode, 5755MHz



ProjectNo.:RKSA240228002 Tester:Jay Liu
 Date: 23.APR.2024 14:41:38