

FCC PART 15.407

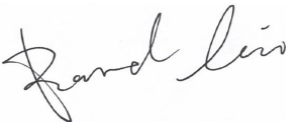
TEST REPORT

For

Shanghai Xiangcheng Communication Technology Co.,Ltd

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

FCC ID: 2A2UU-K1362

Report Type: Original Report	Product Name: P8 Go Smart Payment Terminal
Report Number: RKSA250728002-00D	
Report Date: 2025-10-09	
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.

TABLE OF CONTENTS

REPORT REVISION HISTORY.....	4
GENERAL INFORMATION.....	5
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	5
OBJECTIVE	5
TEST METHODOLOGY	5
MEASUREMENT UNCERTAINTY.....	6
TEST FACILITY	6
SYSTEM TEST CONFIGURATION.....	7
DESCRIPTION OF TEST CONFIGURATION	7
EUT EXERCISE SOFTWARE	8
EQUIPMENT MODIFICATIONS	13
SUPPORT EQUIPMENT LIST AND DETAILS	13
EXTERNAL I/O CABLE.....	13
BLOCK DIAGRAM OF TEST SETUP	13
SUMMARY OF TEST RESULTS.....	15
TEST EQUIPMENT LIST	16
FCC §1.1307(b) & §2.1093 - RF EXPOSURE.....	18
APPLICABLE STANDARD	18
FCC §15.203 – ANTENNA REQUIREMENT.....	19
APPLICABLE STANDARD	19
ANTENNA CONNECTOR CONSTRUCTION	19
FCC §15.407 (b) (9) §15.207 (a) – AC POWER LINE CONDUCTED EMISSIONS.....	20
APPLICABLE STANDARD	20
TEST SYSTEM SETUP.....	20
EMI TEST RECEIVER SETUP.....	20
TEST PROCEDURE	21
TEST RESULTS SUMMARY	21
§15.205 & §15.209 & §15.407(B) – UNDESIRABLE EMISSION & RESTRICTED BANDS	22
APPLICABLE STANDARD	22
TEST SYSTEM SETUP.....	22
EMI TEST RECEIVER & SPECTRUM ANALYZER SETUP	25
TEST PROCEDURE	25
FCC §15.407(a) & §15.407(e) – EMISSION BANDWIDTH.....	26
APPLICABLE STANDARD	26
TEST PROCEDURE	26
FCC §15.407(a) – CONDUCTED TRANSMITTER OUTPUT POWER.....	27
APPLICABLE STANDARD	27
TEST PROCEDURE	27
FCC §15.407(a) - POWER SPECTRAL DENSITY	28
APPLICABLE STANDARD	28
TEST PROCEDURE	28
APPENDIX - TEST DATA.....	29
CONDUCTED EMISSIONS	29
TRANSMITTER UNWANTED EMISSIONS & RESTRICTED FREQUENCY BANDS.....	32

EMISSION BANDWIDTH.....	84
CONDUCTED TRANSMITTER OUTPUT POWER	104
POWER SPECTRAL DENSITY	106
EUT PHOTOGRAPHS	117
TEST SETUP PHOTOGRAPHS	118

REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	RKSA250728002-00D	R1V1	2025-10-09	Initial Release

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Applicant	Shanghai Xiangcheng Communication Technology Co.,Ltd		
Tested Model	K1362		
Product Name	P8 Go Smart Payment Terminal		
Power Supply	DC 5V charging by adapter or DC 3.85V powered by battery		
Maximum Average Output Power	5G Wi-Fi B1:	5G Wi-Fi B2:	5G Wi-Fi B4:
	802.11a: 12.67 dBm	12.53 dBm	12.07 dBm
	802.11ac20: 12.23 dBm	11.92 dBm	11.90 dBm
	802.11ac40: 12.45 dBm	12.41 dBm	11.88 dBm
	802.11ac80: 9.79 dBm	9.24 dBm	12.08 dBm
Operating Frequency	5G Wi-Fi: B1: 5150-5250 MHz, B2: 5250-5350 MHz, B4: 5725-5850 MHz		
Channel Number	5G Wi-Fi B1: 7; B2: 7; B4: 8		
Channel Separation	802.11 a/ac20/n20: 20 MHz; 802.11ac40/n40: 40 MHz; 802.11ac80: 80 MHz		
Modulation Type	OFDM		
Antenna Type	FPC Antenna		
★Maximum Antenna Gain	Band 1: 1.76 dBi Band 2: 1.65 dBi Band 4: 1.67 dBi		

Adapter Information:

Model: LM-603U-050200U02UL

Input: AC 100-240V, 50/60Hz, 0.35A

Output: DC 5.0V, 2000mA 10.0W

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: RKSA250728002-1 (Assigned by the BACL (Kunshan)). The EUT supplied by the applicant was received on 2025-07-28.)

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 C63.10-2020, 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°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.

The system support 802.11a/n20/n40/ac20/ac40/ ac80, the 802.11 n20/n40 were reduced since the identical parameters with 802.11ac20 and ac40.

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, 60, 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

Engineering Mode

The worst case was performed under:

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

U-NII	Mode	Data rate	★Power Level		
			Low Channel	Middle Channel	High Channel
5250~5350MHz	802.11a	6Mbps	16	16	16
	802.11ac-VHT20	MCS0	16	16	16
	802.11ac-VHT40	MCS0	16	/	14
	802.11ac-VHT80	MCS0	/	13	/

U-NII	Mode	Data rate	★Power Level		
			Low Channel	Middle Channel	High Channel
5725~5850MHz	802.11a	6Mbps	16	16	16
	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:	2025-08-29
Temperature:	25 °C
Relative Humidity:	53 %
ATM Pressure:	101.5 kPa
Test Engineer:	Neil Zhou

802.11a mode

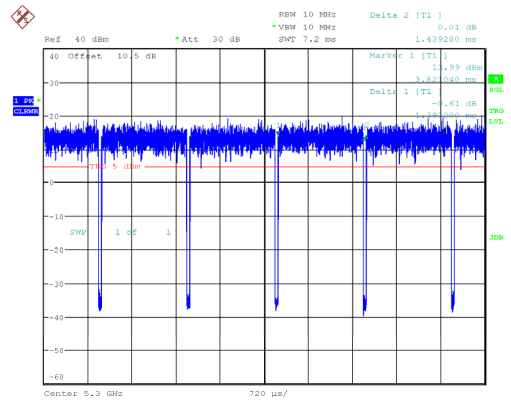


ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:19:57

ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:54:12

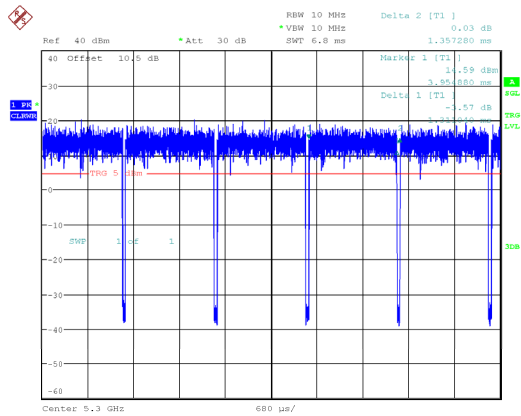
ProjectNo.:RKS250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:59:37

5250MHz-5350MHz Band:
802.11a mode



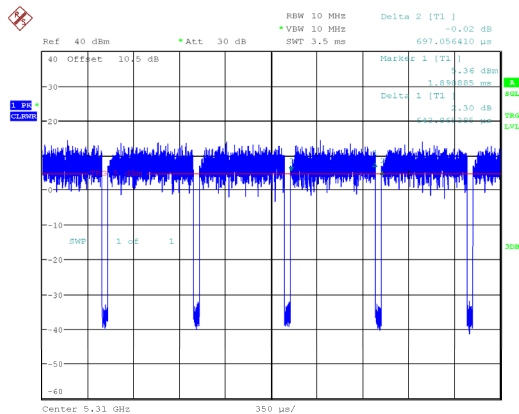
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:13:06

802.11ac20 mode



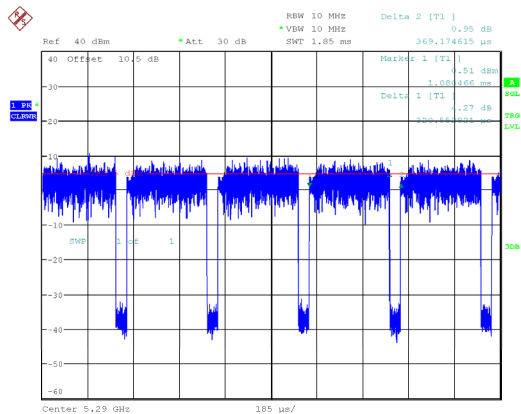
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:31:24

802.11ac40 mode



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:47:53

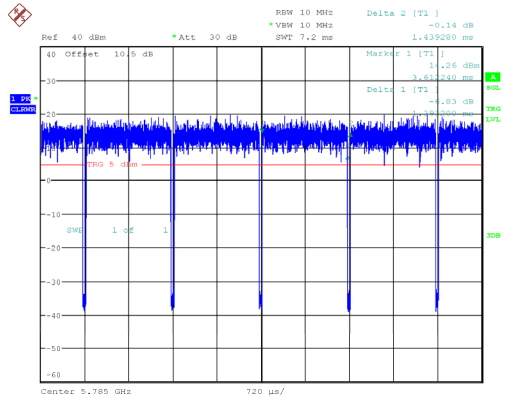
802.11ac80 mode



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:53:32

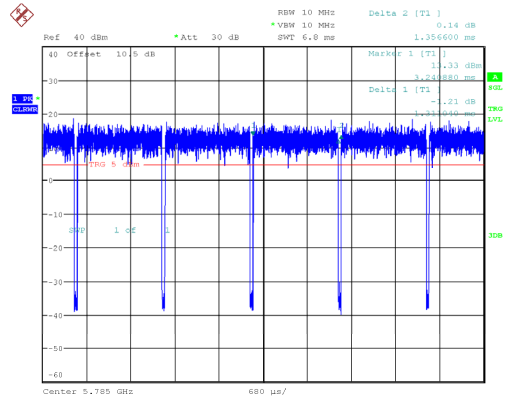
5725MHz-5850MHz Band:

802.11a mode



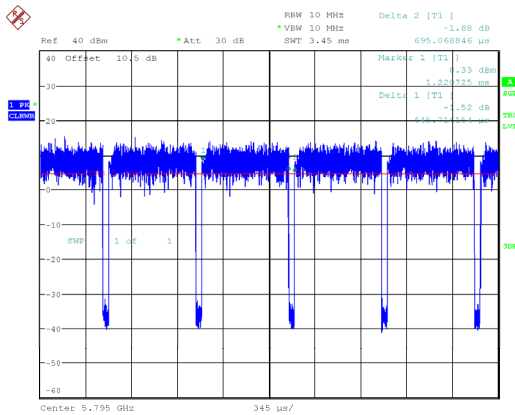
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:02:19

802.11ac20 mode



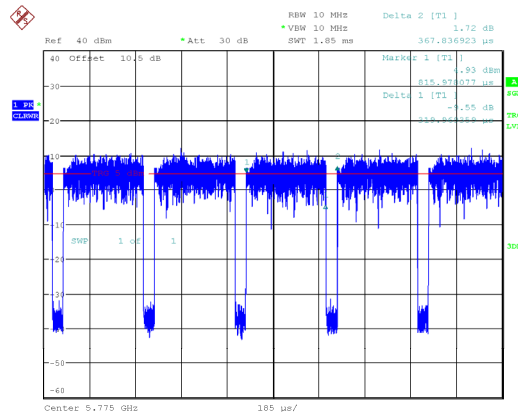
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:12:44

802.11ac40 mode



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:35:41

802.11ac80 mode



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:43:08

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

5150MHz-5250MHz:

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor (dB)
a_5200MHz_Chain 0	1.393	1.439	96.80	0.14
ac20_5200MHz_Chain 0	1.311	1.357	96.61	0.15
ac40_5230MHz_Chain 0	0.649	0.698	92.98	0.32
ac80_5210MHz_Chain 0	0.323	0.369	87.53	0.58

5250MHz-5350MHz:

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor (dB)
a_5300MHz_Chain 0	1.393	1.439	96.80	0.14
ac20_5300MHz_Chain 0	1.311	1.357	96.61	0.15
ac40_5310MHz_Chain 0	0.644	0.697	92.40	0.34
ac80_5290MHz_Chain 0	0.321	0.369	86.99	0.61

5725MHz-5850MHz:

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor (dB)
a_5785MHz_Chain 0	1.393	1.439	96.80	0.14
ac20_5785MHz_Chain 0	1.311	1.357	96.61	0.15
ac40_5795MHz_Chain 0	0.646	0.695	92.95	0.32
ac80_5775MHz_Chain 0	0.320	0.368	86.96	0.61

Equipment Modifications

No modification was made to the EUT.

Support Equipment List and Details

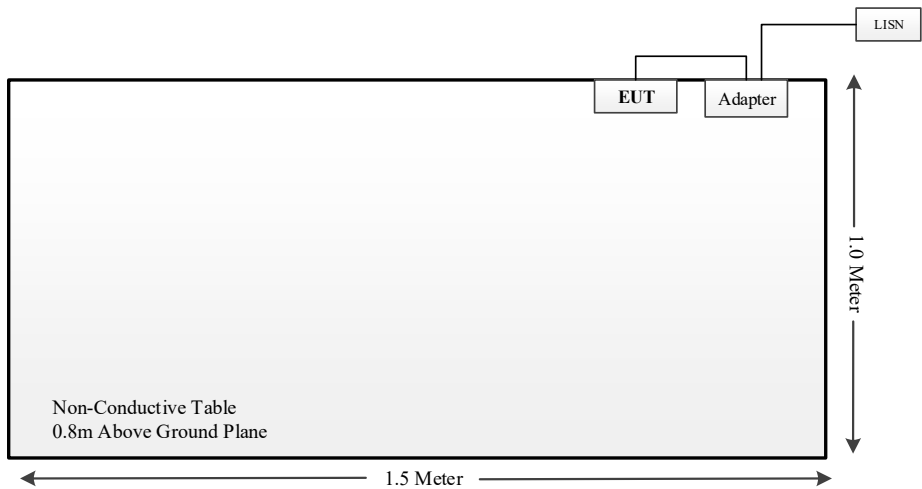
Manufacturer	Description	Model	Serial Number
/	/	/	/

External I/O Cable

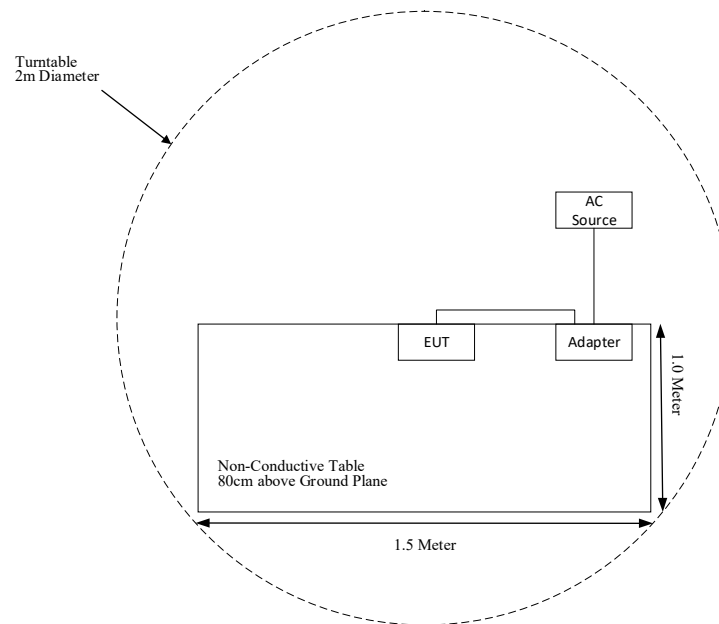
Cable Description	Length (m)	From Port	To Port
Power Cable 1	1.0	EUT	Adapter
Power Cable 2	1.0	Adapter	AC Source /LISN

Block Diagram of Test Setup

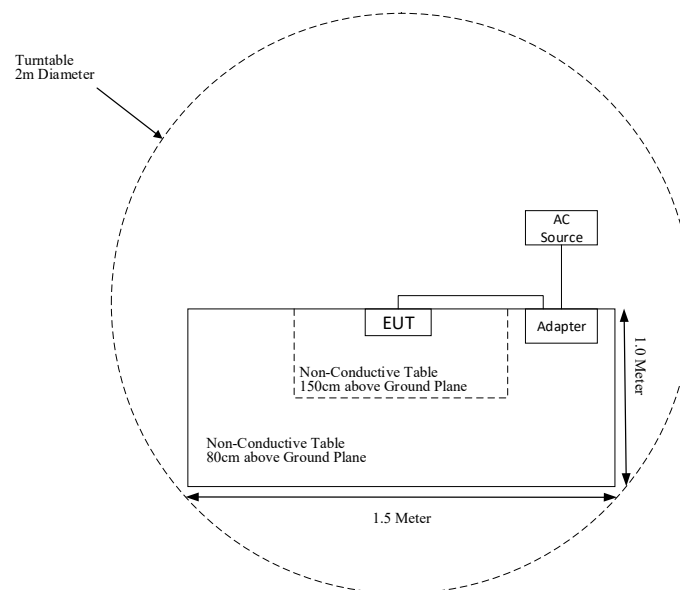
For Conducted Emissions:



For Radiated Emissions (Below 1GHz):



For Radiated Emissions (Above 1 GHz):



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
§1.1307(b)(1)& §2.1093	RF EXPOSURE	Compliant

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	2025-04-09	2026-04-08
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	2025-04-09	2026-04-08
Rohde & Schwarz	Auto Test Software	EMC32	100361	N/A	N/A
MICRO-COAX	Coaxial Cable	Cable-8	008	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-9	009	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-10	010	2025-04-09	2026-04-08
Radiated Emission Test (Chamber #2)					
Rohde & Schwarz	EMI Test Receiver	ESU40	100207/040	2025-04-09	2026-04-08
ETS-LINDGREN	Horn Antenna	3115	9311-4159	2024-12-02	2025-12-01
ETS-LINDGREN	Horn Antenna	3116	2516	2024-12-12	2027-12-11
A.H.Systems, inc	Amplifier	PAM-0118P	512	2025-04-09	2026-04-08
SELECTOR	Amplifier	EM18G40G	060726	2025-04-09	2026-04-08
MICRO-TRONICS	Band Reject Filter	BRM50716	G059	2025-04-08	2026-04-07
Narda	Attenuator	10dB	010	2025-04-08	2026-04-07
Rohde & Schwarz	Auto test Software	EMC32	100361	N/A	N/A
MICRO-COAX	Coaxial Cable	Cable-6	006	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-11	011	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-12	012	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-13	013	2025-04-09	2026-04-08
RF Conducted Test					
Rohde & Schwarz	Spectrum Analyzer	FSU26	200103	2025-04-09	2026-04-08
Narda	Attenuator	10dB	010	2025-04-08	2026-04-07
Anritsu	Power Sensor	MA24418A	12621	2025-04-09	2026-04-08
XHFDZ	RG316 Coaxial Cable	SMA-316	XHF-1175	Each time	N/A

Conducted Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESR	101746	2025-04-08	2026-04-07
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).

FCC §1.1307(b) & §2.1093 - RF EXPOSURE

Applicable Standard

FCC§1.1307, §2.1093.

Measurement Result

Result: Please refer to the SAR report: RKSA250728002-20B.

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	1.76 dBi	50Ω
	5250~5350 MHz	1.65 dBi	50Ω
	5725~5850 MHz	1.67 dBi	50Ω

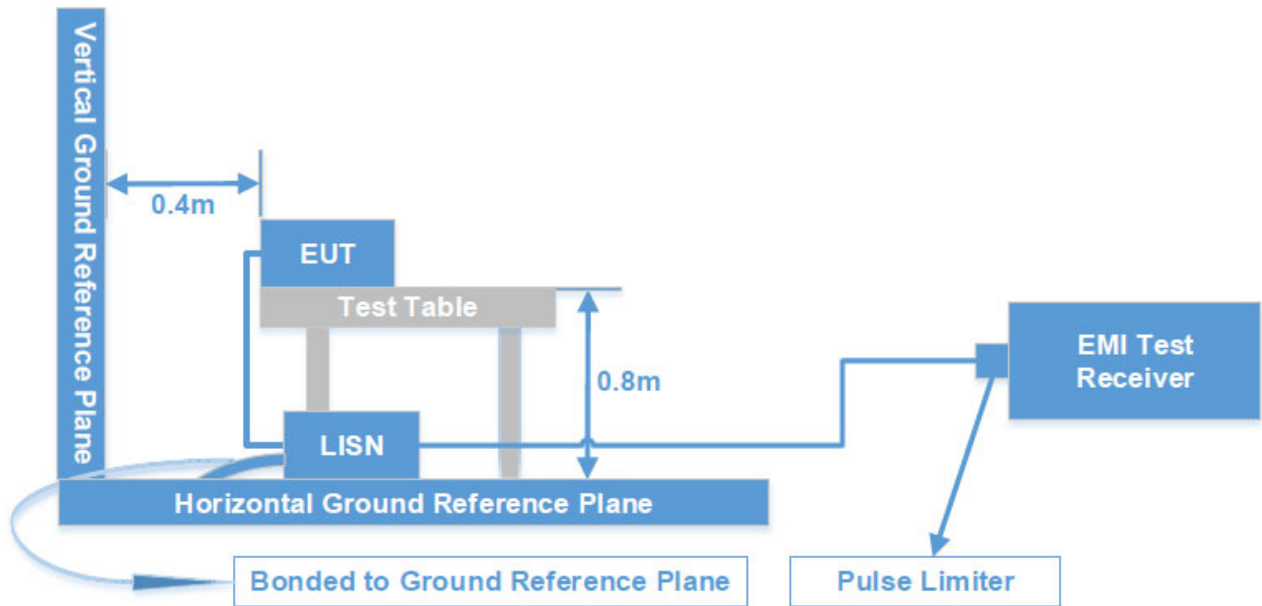
Result: Compliant.

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 C63.10-2020 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:

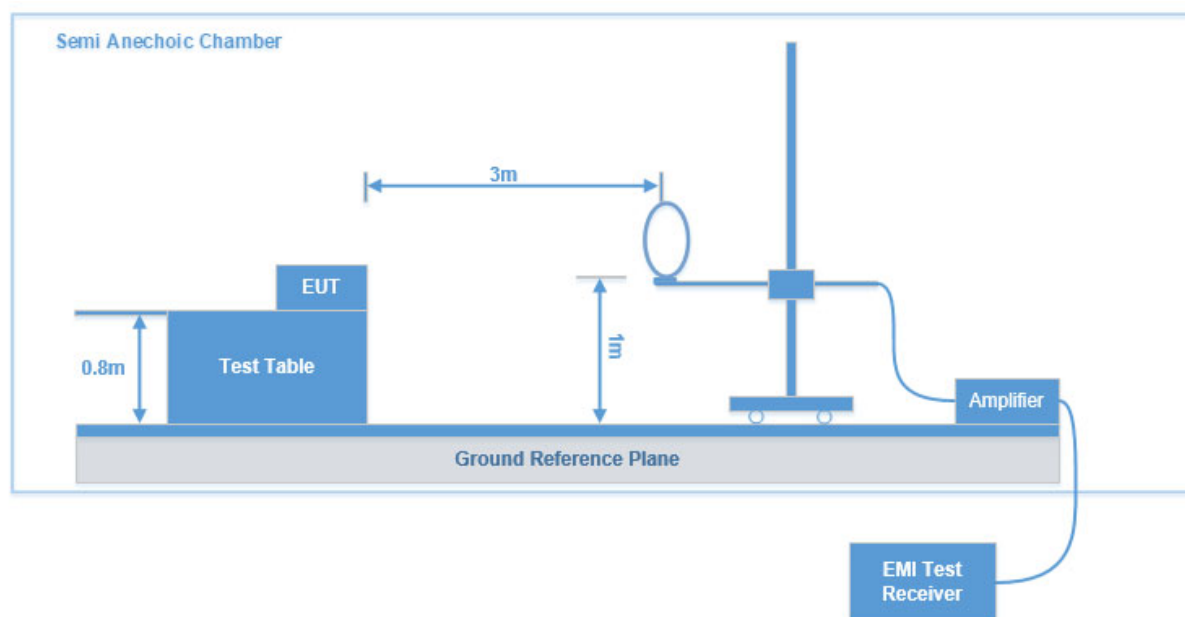
(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the 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 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.

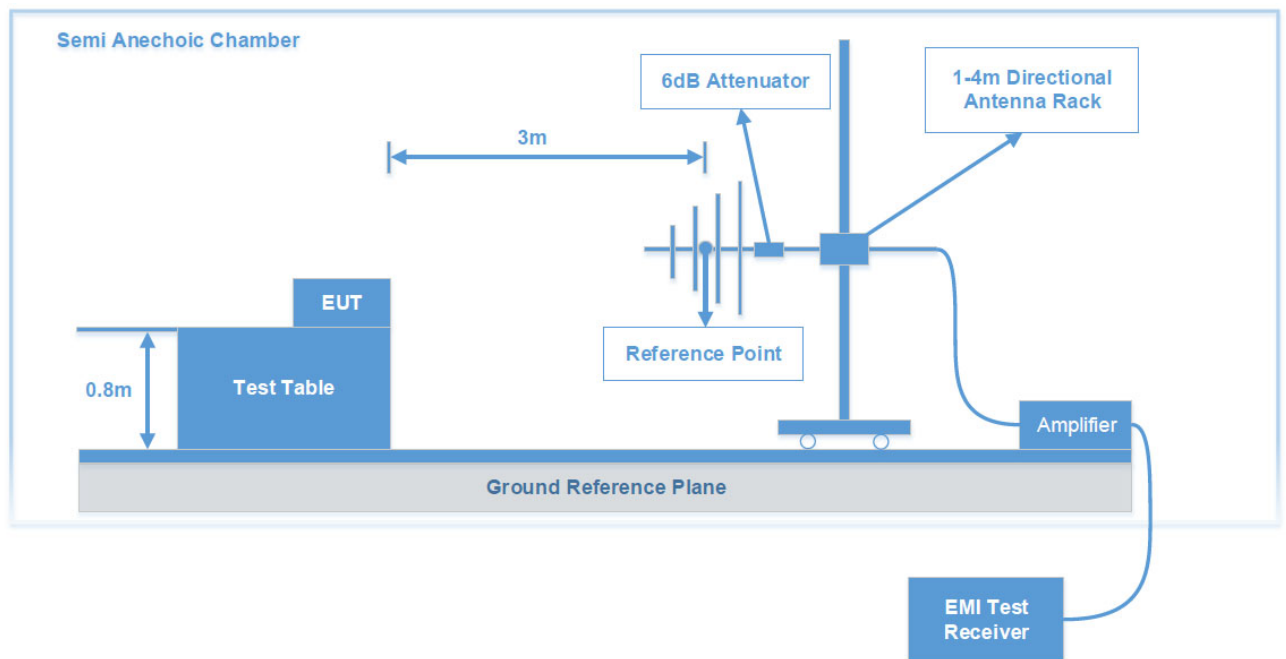
According to 789033 D02 General UNII Test Procedures New Rules v02r01, emission shall be computed as: $E \text{ [dB}\mu\text{V/m]} = \text{EIRP [dBm]} + 95.2$, for $d = 3$ meters.

Test System Setup

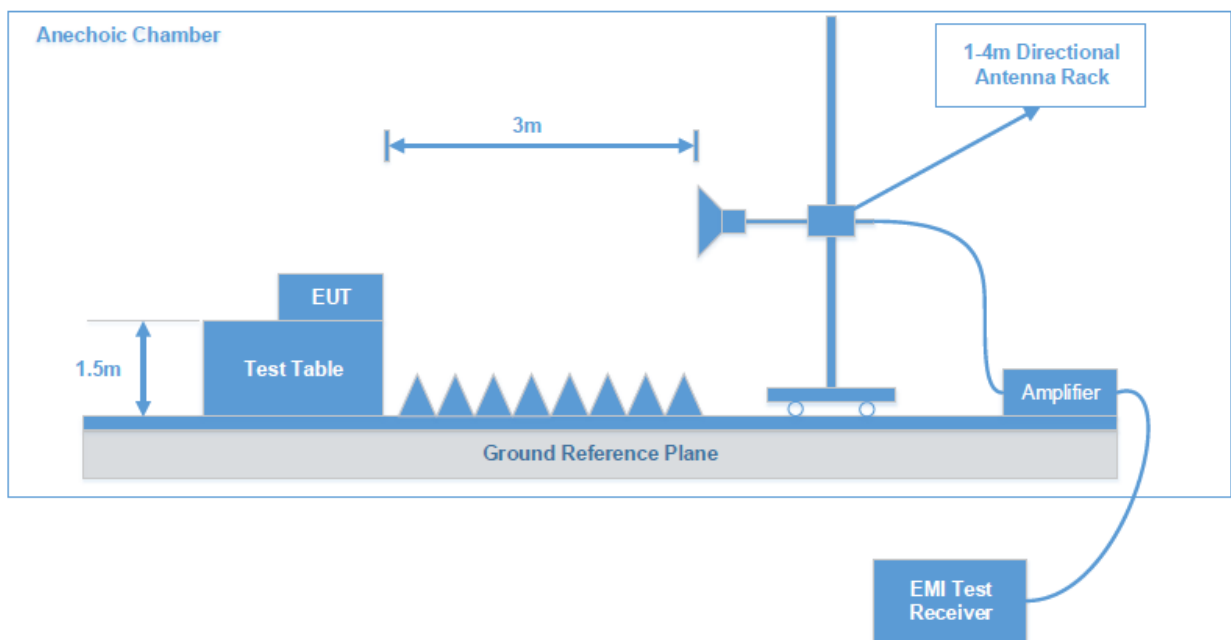
9kHz-30 MHz:



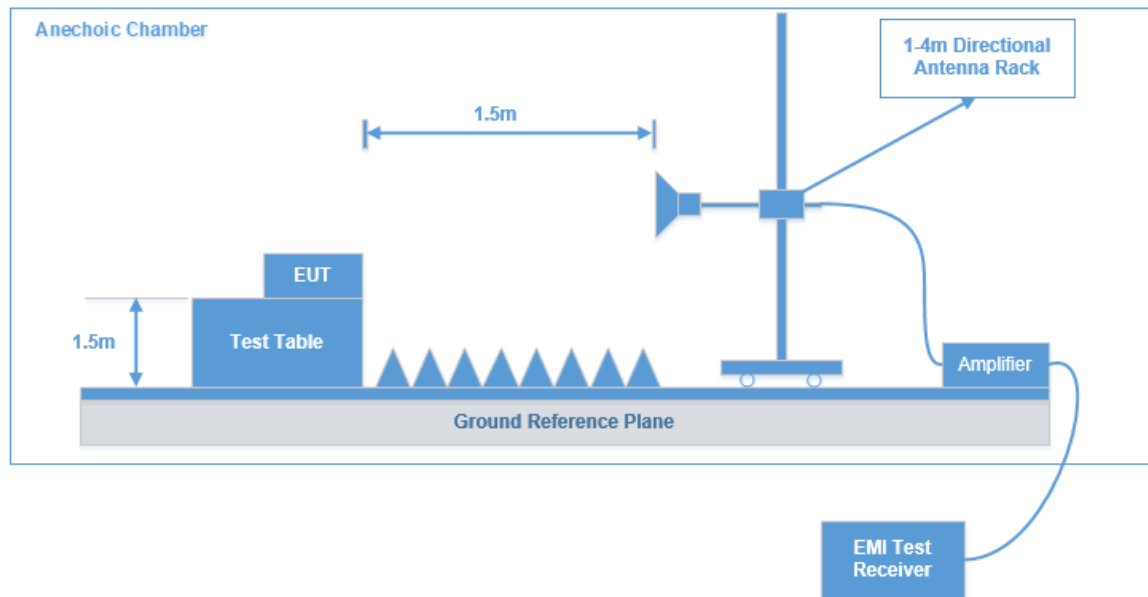
30MHz-1GHz:



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 C63.10-2020. 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 C63.10-2020. 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	Detector
9 kHz - 150 kHz	200 Hz	1 kHz	200 Hz	Peak/QP/Average	Peak/QP/Average
150 kHz - 30 MHz	9 kHz	30 kHz	9 kHz	Peak/QP/Average	Peak/QP/Average
30 MHz - 1000 MHz	100 kHz	300 kHz	/	Peak	Peak
	/	/	120 kHz	QP	QP
Above 1GHz	1MHz	3 MHz	/	Peak	Peak
	1MHz	3 MHz	/	Average	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)

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)

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

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

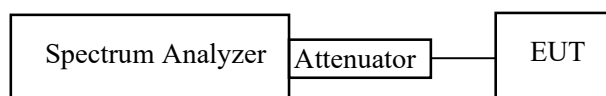
1. Emission Bandwidth (EBW)

- a) Set RBW = shall be in the range of 1% to 5% 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 peak of the emission. Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is in the range of 1% to 5%.

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.



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

Test Data: See Appendix

FCC §15.407(a) – CONDUCTED TRANSMITTER OUTPUT POWER

Applicable Standard

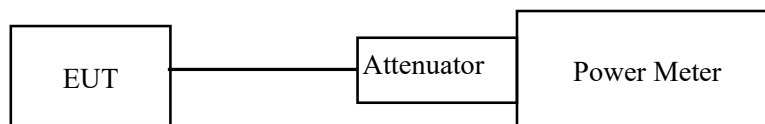
For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting 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 $11 \text{ dBm} + 10 \log B$, 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

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 $11 \text{ dBm} + 10 \log B$, 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.

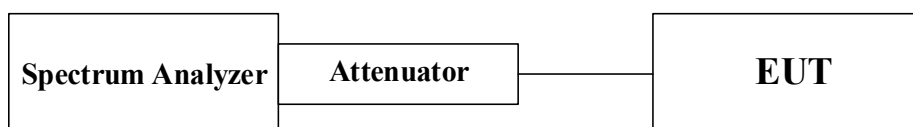
Test Procedure

The measurements are base on C63.10:2020

Duty cycle $\geq 98\%$,Method SA-1 should be applied.

Duty cycle $< 98\%$, duty cycle variations are less than $\pm 2\%$,Method SA-2 should be applied.

Duty cycle $< 98\%$, duty cycle variations exceed $\pm 2\%$,Method SA-3 should be applied.



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

Test Data: See Appendix

APPENDIX - TEST DATA

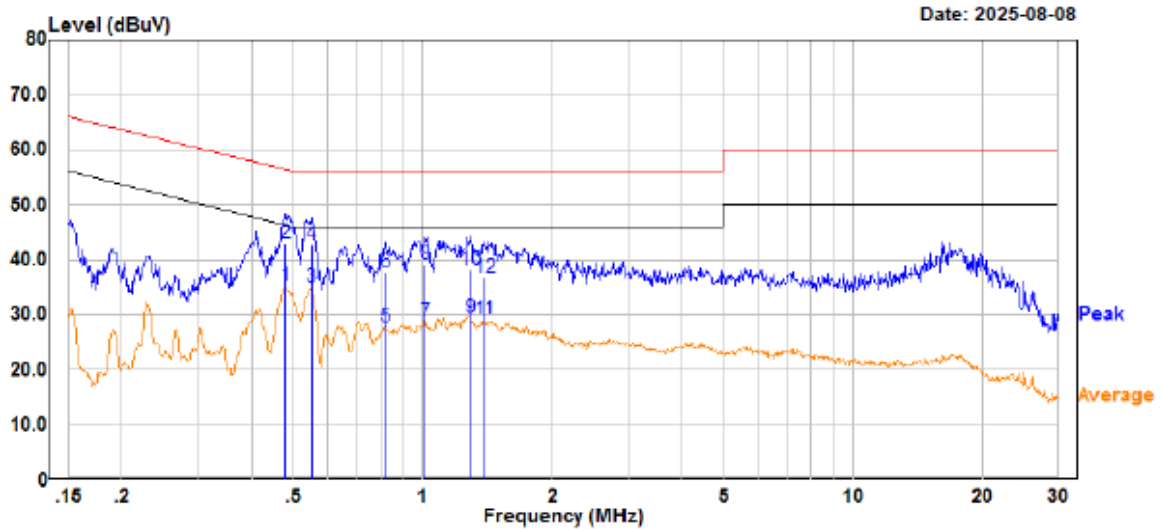
CONDUCTED EMISSIONS

Environmental Conditions & Test Information

Test Date:	2025-08-08
Temperature:	27.5 °C
Relative Humidity:	63 %
ATM Pressure:	100.8 kPa
Test Result:	Pass
Test Engineer:	Myles Miao

EUT operation mode: Transmitting in 802.11a mode 5180MHz (maximum output power)

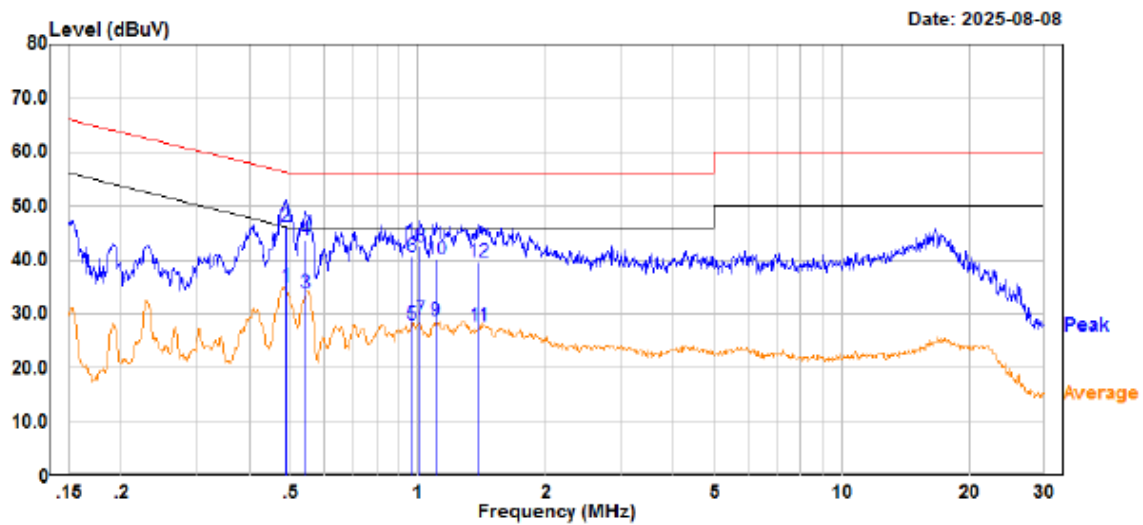
AC 120V/60 Hz, Line



Site : CE
 Condition : limit\FCC PART 15.207
 : DET:Peak
 Project No. : RKSA250728002
 Model : K1362
 Phase : L
 Voltage : 120V/60Hz
 Mode : 5G WIFI
 Test Equipment : ENV216,ESR3
 Receiver Setting : RBW: 9 kHz, Sweep Time: Auto
 Temperature : 27.5°C
 Humidity : 63%
 Atmospheric pressure: 100.8kPa
 Test Engineer : Myles Miao

	Read			Limit	Over	
	Freq	Level	Factor	Level	Line	Limit Remark
	MHz	dBuV	dB	dBuV	dBuV	dB
1	0.479	15.00	20.22	35.22	46.35	-11.13 Average
2	0.479	22.90	20.22	43.12	56.35	-13.23 QP
3	0.551	14.79	20.20	34.99	46.00	-11.01 Average
4	0.551	22.59	20.20	42.79	56.00	-13.21 QP
5	0.821	7.80	19.96	27.76	46.00	-18.24 Average
6	0.821	17.80	19.96	37.76	56.00	-18.24 QP
7	1.012	9.00	19.67	28.67	46.00	-17.33 Average
8	1.012	19.60	19.67	39.27	56.00	-16.73 QP
9	1.292	9.71	19.84	29.55	46.00	-16.45 Average
10	1.292	18.31	19.84	38.15	56.00	-17.85 QP
11	1.392	9.30	19.90	29.20	46.00	-16.80 Average
12	1.392	16.80	19.90	36.70	56.00	-19.30 QP

AC 120V/60 Hz, Neutral



Trace: 1

Site : CE
 Condition : limit\FCC PART 15.207
 : DET:Peak
 Project No. : RKSA250728002
 Model : K1362
 Phase : N
 Voltage : 120V/60Hz
 Mode : 5G WIFI
 Test Equipment : ENV216,ESR3
 Receiver Setting : RBW: 9 kHz, Sweep Time: Auto
 Temperature : 27.5°C
 Humidity : 63%
 Atmospheric pressure: 100.8kPa
 Test Engineer : Myles Miao

		Read			Limit	Over	
	Freq	Level	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.489	14.90	20.21	35.11	46.19	-11.08	Average
2	0.489	25.90	20.21	46.11	56.19	-10.08	QP
3	0.543	13.70	20.19	33.89	46.00	-12.11	Average
4	0.543	23.60	20.19	43.79	56.00	-12.21	QP
5	0.963	8.40	19.72	28.12	46.00	-17.88	Average
6	0.963	20.80	19.72	40.52	56.00	-15.48	QP
7	1.012	9.30	19.67	28.97	46.00	-17.03	Average
8	1.012	22.80	19.67	42.47	56.00	-13.53	QP
9	1.101	9.10	19.73	28.83	46.00	-17.17	Average
10	1.101	20.50	19.73	40.23	56.00	-15.77	QP
11	1.385	8.00	19.90	27.90	46.00	-18.10	Average
12	1.385	19.70	19.90	39.60	56.00	-16.40	QP

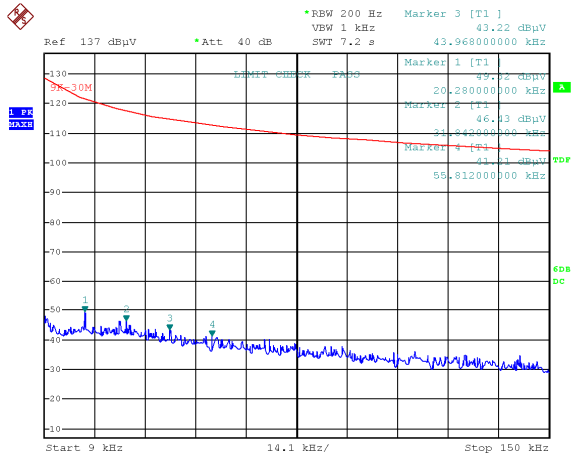
TRANSMITTER UNWANTED EMISSIONS & RESTRICTED FREQUENCY BANDS**Environmental Conditions & Test Information**

Test Item:	SPURIOUS EMISSIONS			
	9kHz – 30MHz	30MHz - 1GHz	1 GHz - 18 GHz	18 GHz - 40 GHz
Test Date:	2025-08-22	2025-08-21	2025-08-08 to 2025-08-09	2025-09-19
Temperature:	27 °C	26.1 °C	27.7-28.5 °C	25.6 °C
Relative Humidity:	43 %	41 %	47-49 %	54 %
ATM Pressure:	100.9 kPa	101.2 kPa	100.5-100.8 kPa	101.3 kPa
Test Result:	Pass	Pass	Pass	Pass
Test Engineer:	Link Xia	Link Xia	Destine Hu	Hugh Wu

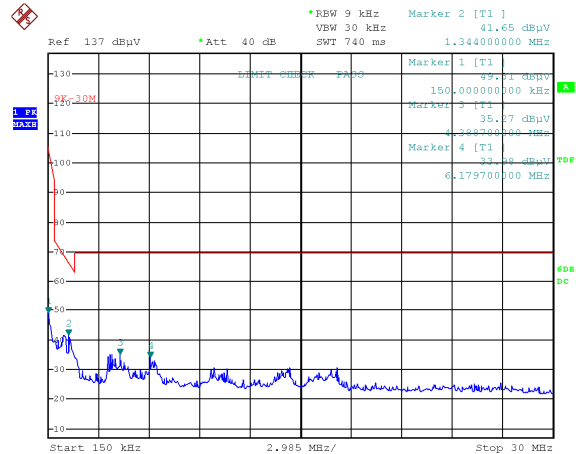
After pre-scan in the X, Y and Z axes of orientation, the worst case is below:

**9 kHz-30 MHz: Transmitting in 802.11a mode 5180MHz (maximum output power)
Parallel(worst case)**

9kHz-150kHz



150kHz-30MHz



Project No.RKSA250728002
Date: 22.AUG.2025 12:36:22

Tester:Link Xia

Project No.RKSA250728002
Date: 22.AUG.2025 12:39:35

Tester:Link Xia

9kHz-150kHz

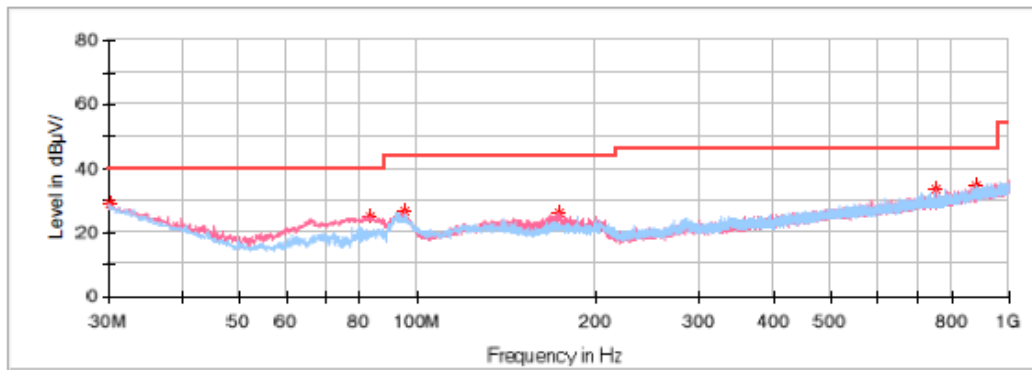
Frequency (MHz)	Corrected Amplitude (dBμV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m) @3m	Margin (dB)
0.020280	49.32	PK	-0.56	121.46	72.14
0.031842	46.43	PK	-0.91	117.54	71.11
0.043968	43.22	PK	-2.85	114.74	71.52
0.055812	41.21	PK	-4.49	112.67	71.46

150kHz-30MHz

Frequency (MHz)	Corrected Amplitude (dBμV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m) @3m	Margin (dB)
0.150000	49.31	PK	-11.34	104.08	54.77
1.344000	41.65	PK	-28.75	65.04	23.39
4.388700	35.27	PK	-31.97	69.54	34.27
6.179700	33.98	PK	-32.24	69.54	35.56

30MHz-1GHz: Transmitting in 802.11a mode 5180MHz (maximum output power)**Common Information**

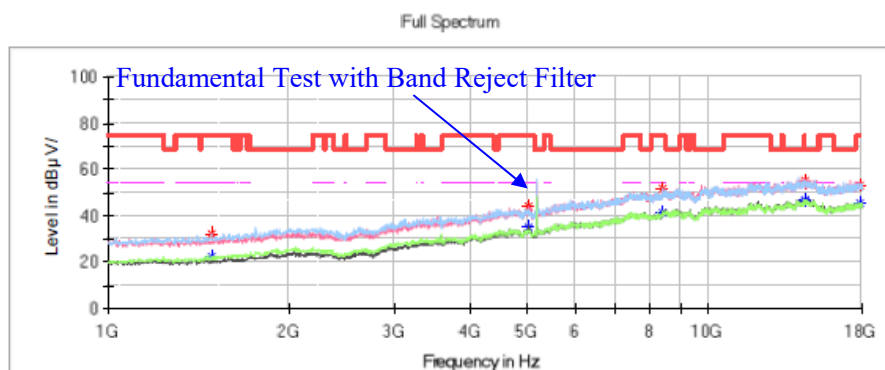
Project No: RKSA250728002
EUT Model: K1362
Test Mode: Transmitting in 802.11a mode low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESCI, JB3, 310N
Receiver Setting: RBW: 100 kHz, VBW: 300 kHz, Sweep Time: Auto
Temperature: 26.1°C
Humidity: 41%
Barometric Pressure: 101.2kPa
Test Engineer: Link Xia
Test Date: 2025/8/21

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
30.242500	28.89	40.00	11.11	V	-4.9
83.107500	25.10	40.00	14.90	V	-17.1
95.232500	26.70	43.50	16.80	V	-15.5
173.802500	26.36	43.50	17.14	V	-12.7
751.073750	33.28	46.00	12.72	V	-1.6
878.022500	34.57	46.00	11.43	H	0.6

1GHz-18GHz (5150-5250MHz Band):**802.11a Mode:****Low Channel: 5180MHz****Common Information**

Project No.:	RKSA250728002
EUT Model:	K1362
Test Mode:	5G WIFI 802.11a mode Low Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	27.7°C
Humidity:	49%
Atmospheric Pressure:	100.8kPa
Test Engineer:	Destine Hu
Test Date:	2025/8/8

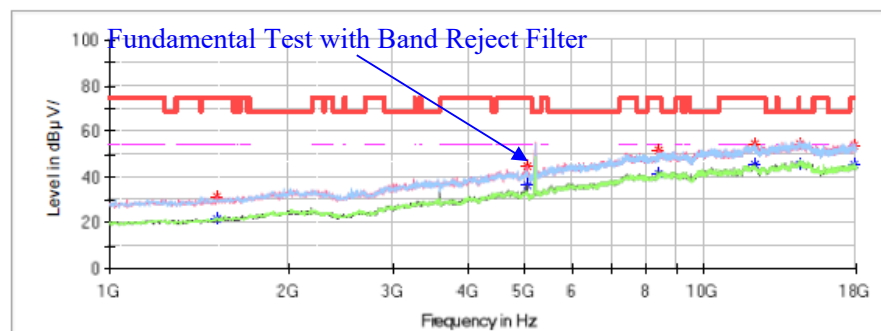
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1486.200000	---	22.21	54.00	31.79	H	-13.5
1486.200000	31.99	---	74.00	42.01	H	-13.5
5018.800000	---	34.70	54.00	19.30	V	-2.9
5018.800000	43.82	---	74.00	30.18	V	-2.9
8388.200000	52.02	---	74.00	21.98	H	4.4
8388.200000	---	41.35	54.00	12.65	H	4.4
14484.400000	---	46.58	54.00	7.42	V	11.9
14484.400000	55.48	---	74.00	18.52	V	11.9
14494.600000	53.69	---	74.00	20.31	V	12.0
14494.600000	---	46.34	54.00	7.66	V	12.0
17918.400000	53.08	---	74.00	20.92	H	11.5
17918.400000	---	45.63	54.00	8.37	H	11.5

Middle Channel: 5200MHz**Common Information**

Project No.:	RKSA250728002
EUT Model:	K1362
Test Mode:	5G WIFI 802.11a mode Middle Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	27.7°C
Humidity:	49%
Atmospheric Pressure:	100.8kPa
Test Engineer:	Destine Hu
Test Date:	2025/8/8

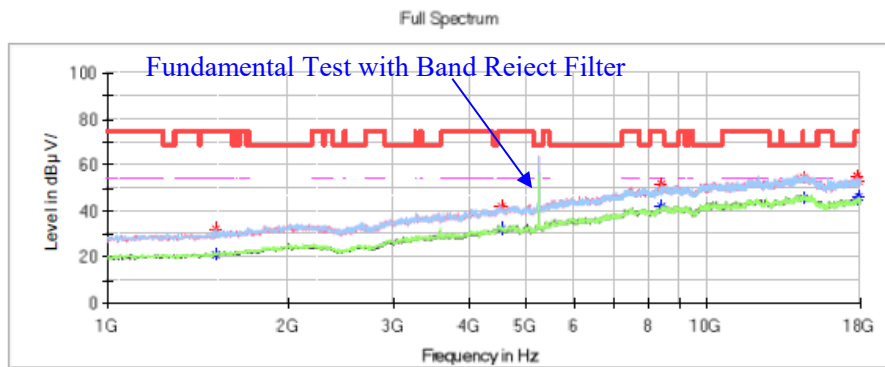
Full Spectrum

**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)
1516.800000	---	21.69	54.00	32.31	H	-13.3
1516.800000	31.25	---	74.00	42.75	H	-13.3
5032.400000	44.57	---	74.00	29.43	V	-2.8
5032.400000	---	36.07	54.00	17.93	V	-2.8
8401.800000	---	41.47	54.00	12.53	H	4.4
8401.800000	51.48	---	74.00	22.52	H	4.4
12148.600000	---	45.18	54.00	8.82	V	9.0
12148.600000	54.73	---	74.00	19.27	V	9.0
14498.000000	---	45.74	54.00	8.26	H	12.0
14498.000000	54.78	---	74.00	19.22	H	12.0
17857.200000	---	45.70	54.00	8.30	V	11.4
17857.200000	53.60	---	74.00	20.40	V	11.4

High Channel: 5240MHz**Common Information**

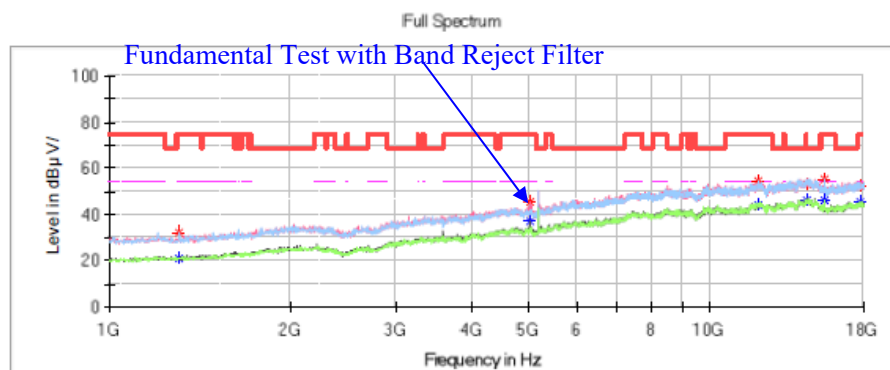
Project No.: RKSA250728002
 EUT Model: K1362
 Test Mode: 5G WIFI 802.11a mode High Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 27.7°C
 Humidity: 49%
 Atmospheric Pressure: 100.8kPa
 Test Engineer: Destine Hu
 Test Date: 2025/8/8

**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)
1513.400000	---	21.04	54.00	32.96	H	-13.3
1513.400000	32.22	---	74.00	41.78	H	-13.3
4549.600000	---	32.18	54.00	21.82	H	-4.1
4549.600000	42.11	---	74.00	31.89	H	-4.1
8384.800000	---	42.04	54.00	11.96	V	4.4
8384.800000	51.71	---	74.00	22.29	V	4.4
14498.000000	54.40	---	74.00	19.60	V	12.0
14498.000000	---	45.44	54.00	8.56	V	12.0
17799.400000	---	44.75	54.00	9.25	H	11.2
17799.400000	55.34	---	74.00	18.66	H	11.2
17921.800000	52.94	---	74.00	21.06	V	11.6
17921.800000	---	45.83	54.00	8.17	V	11.6

802.11ac20 Mode:**Low Channel: 5180MHz****Common Information**

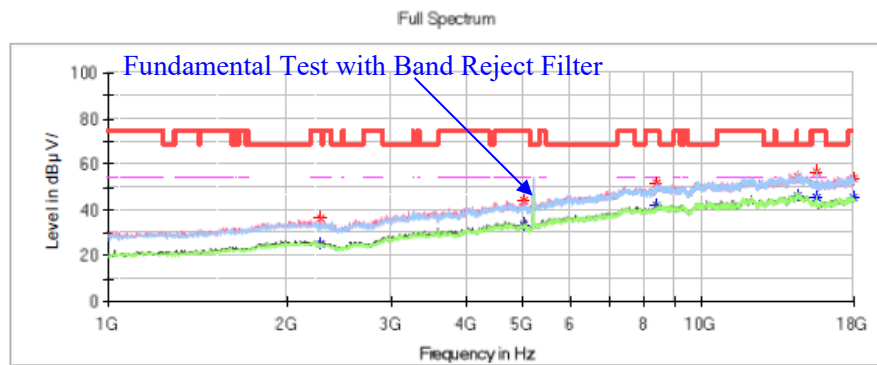
Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac20 mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 27.7°C
Humidity: 49%
Atmospheric Pressure: 100.8kPa
Test Engineer: Destine Hu
Test Date: 2025/8/8

**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µV/m)	Average (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Pol	Corr. (dB/m)
1309.400000	---	20.64	54.00	33.36	V	-14.1
1309.400000	32.29	---	74.00	41.71	V	-14.1
5012.000000	---	36.98	54.00	17.02	V	-2.9
5012.000000	45.66	---	74.00	28.34	V	-2.9
12009.200000	---	44.01	54.00	9.99	V	9.1
12009.200000	54.26	---	74.00	19.74	V	9.1
14491.200000	53.09	---	74.00	20.91	H	12.0
14491.200000	---	46.16	54.00	7.84	H	12.0
15538.400000	55.43	---	74.00	18.57	H	8.8
15538.400000	---	46.03	54.00	7.97	H	8.8
17724.600000	52.38	---	74.00	21.62	V	11.0
17724.600000	---	45.35	54.00	8.65	V	11.0

Middle Channel: 5200MHz**Common Information**

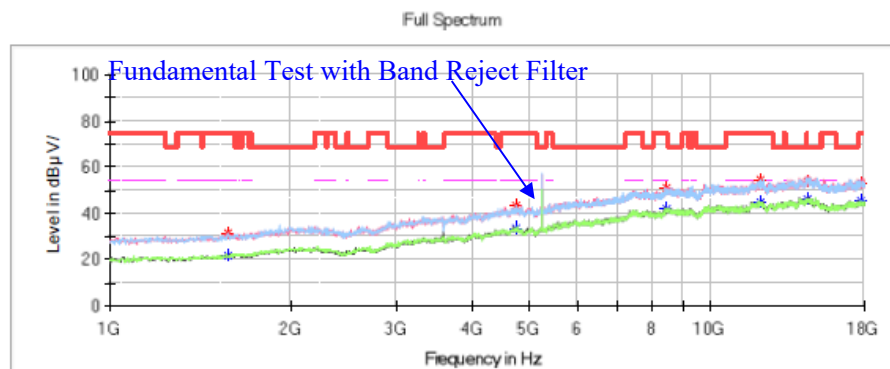
Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac20 mode Middle Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 27.7°C
Humidity: 49%
Atmospheric Pressure: 100.8kPa
Test Engineer: Destine Hu
Test Date: 2025/8/8

**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µV/m)	Average (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Pol	Corr. (dB/m)
2275.000000	36.64	---	74.00	37.36	V	-9.7
2275.000000	---	24.85	54.00	29.15	V	-9.7
5008.600000	44.28	---	74.00	29.72	V	-2.9
5008.600000	---	33.42	54.00	20.58	V	-2.9
8408.600000	---	42.20	54.00	11.80	V	4.4
8408.600000	51.97	---	74.00	22.03	V	4.4
14498.000000	---	46.30	54.00	7.70	H	12.0
14498.000000	54.73	---	74.00	19.27	H	12.0
15599.600000	56.36	---	74.00	17.64	H	8.8
15599.600000	---	45.54	54.00	8.46	H	8.8
17996.600000	53.86	---	74.00	20.14	V	11.8
17996.600000	---	45.70	54.00	8.30	V	11.8

High Channel: 5240MHz**Common Information**

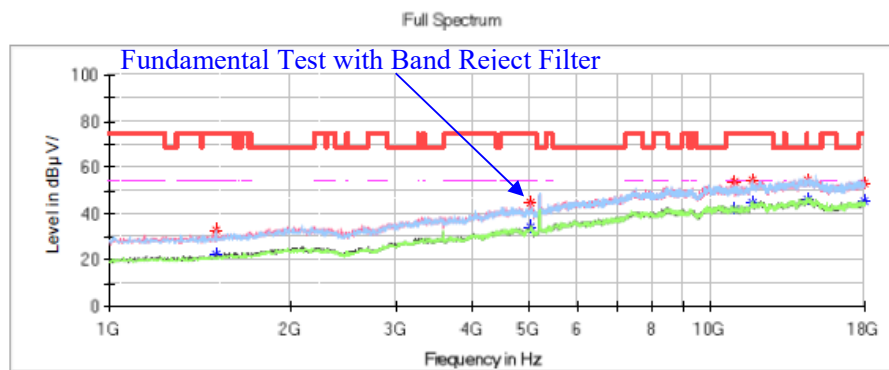
Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac20 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 27.7°C
Humidity: 49%
Atmospheric Pressure: 100.8kPa
Test Engineer: Destine Hu
Test Date: 2025/8/8

**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)
1571.200000	---	21.33	54.00	32.67	V	-12.9
1571.200000	31.55	---	74.00	42.45	V	-12.9
4750.200000	43.38	---	74.00	30.62	H	-3.5
4750.200000	---	33.84	54.00	20.16	H	-3.5
8435.800000	51.07	---	74.00	22.93	V	4.5
8435.800000	---	42.18	54.00	11.82	V	4.5
12070.400000	---	44.76	54.00	9.24	H	9.0
12070.400000	54.52	---	74.00	19.48	H	9.0
14491.200000	---	46.03	54.00	7.97	V	12.0
14491.200000	54.18	---	74.00	19.82	V	12.0
17775.600000	---	45.25	54.00	8.75	H	11.2
17775.600000	53.14	---	74.00	20.86	H	11.2

802.11ac40 Mode:**Channel: 5190MHz****Common Information**

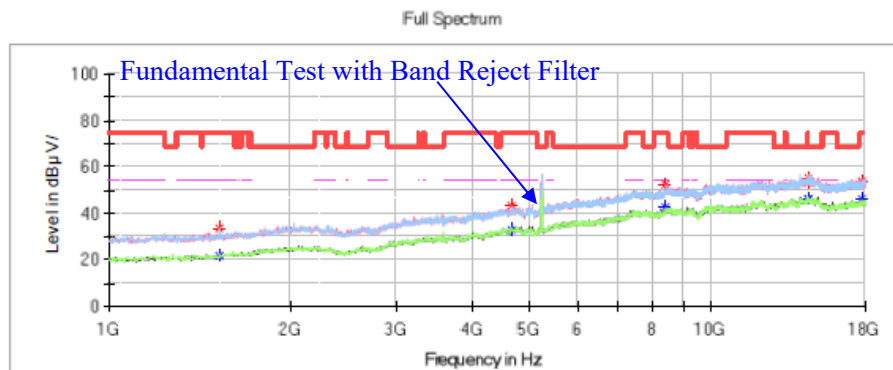
Project No.:	RKSA250728002
EUT Model:	K1362
Test Mode:	5G WIFI 802.11ac40 mode Low Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	27.7°C
Humidity:	49%
Atmospheric Pressure:	100.8kPa
Test Engineer:	Destine Hu
Test Date:	2025/8/8

**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µV/m)	Average (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Pol	Corr. (dB/m)
1503.200000	---	22.24	54.00	31.76	V	-13.4
1503.200000	32.68	---	74.00	41.32	V	-13.4
5005.200000	---	33.92	54.00	20.08	V	-2.9
5005.200000	44.62	---	74.00	29.38	V	-2.9
10931.400000	---	42.07	54.00	11.93	V	6.6
10931.400000	54.08	---	74.00	19.92	V	6.6
11740.600000	---	44.45	54.00	9.55	H	8.6
11740.600000	54.84	---	74.00	19.16	H	8.6
14491.200000	54.41	---	74.00	19.59	V	12.0
14491.200000	---	46.16	54.00	7.84	V	12.0
17966.000000	53.18	---	74.00	20.82	H	11.7
17966.000000	---	45.63	54.00	8.37	H	11.7

Channel: 5230MHz**Common Information**

Project No.:	RKSA250728002
EUT Model:	K1362
Test Mode:	5G WIFI 802.11ac40 mode High Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	27.7°C
Humidity:	49%
Atmospheric Pressure:	100.8kPa
Test Engineer:	Destine Hu
Test Date:	2025/8/8

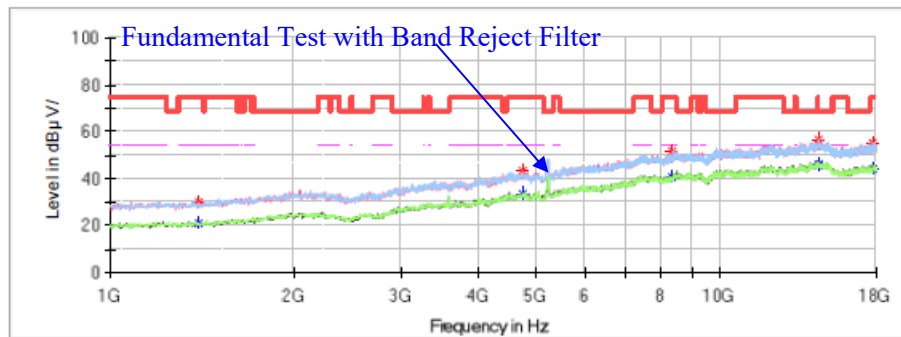
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μV/m)	Average (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Pol	Corr. (dB/m)
1527.000000	33.66	---	74.00	40.34	H	-13.2
1527.000000	---	21.76	54.00	32.24	H	-13.2
4648.200000	---	32.75	54.00	21.25	H	-3.8
4648.200000	43.16	---	74.00	30.84	H	-3.8
8412.000000	---	42.50	54.00	11.50	V	4.4
8412.000000	52.20	---	74.00	21.80	V	4.4
14481.000000	55.23	---	74.00	18.77	H	11.9
14481.000000	---	46.49	54.00	7.51	H	11.9
14491.200000	---	46.47	54.00	7.53	V	12.0
14491.200000	53.31	---	74.00	20.69	V	12.0
17813.000000	53.70	---	74.00	20.30	H	11.3
17813.000000	---	45.91	54.00	8.09	H	11.3

802.11ac80 Mode:**Channel: 5210MHz****Common Information**

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac80
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 27.7°C
Humidity: 49%
Atmospheric Pressure: 100.8kPa
Test Engineer: Destine Hu
Test Date: 2025/8/8

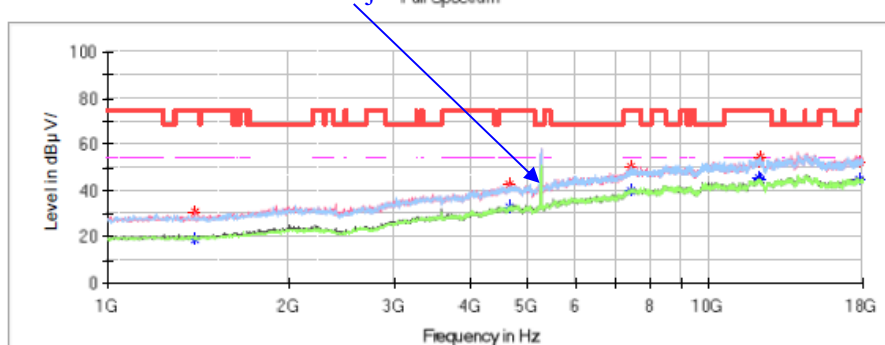
Full Spectrum

**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	---	21.06	54.00	32.94	V	-13.8
1394.400000	30.12	---	74.00	43.88	V	-13.8
4746.800000	43.12	---	74.00	30.88	V	-3.6
4746.800000	---	33.37	54.00	20.63	V	-3.6
8337.200000	---	40.64	54.00	13.36	V	4.2
8337.200000	51.48	---	74.00	22.52	V	4.2
14474.200000	---	46.15	54.00	7.85	V	11.9
14474.200000	56.47	---	74.00	17.53	V	11.9
14498.000000	---	45.43	54.00	8.57	H	12.0
14498.000000	54.65	---	74.00	19.35	H	12.0
17785.800000	---	44.38	54.00	9.62	H	11.2
17785.800000	55.39	---	74.00	18.61	H	11.2

1GHz-18GHz(5250-5350MHz Band):**802.11a Mode:****Low Channel: 5260MHz****Common Information**

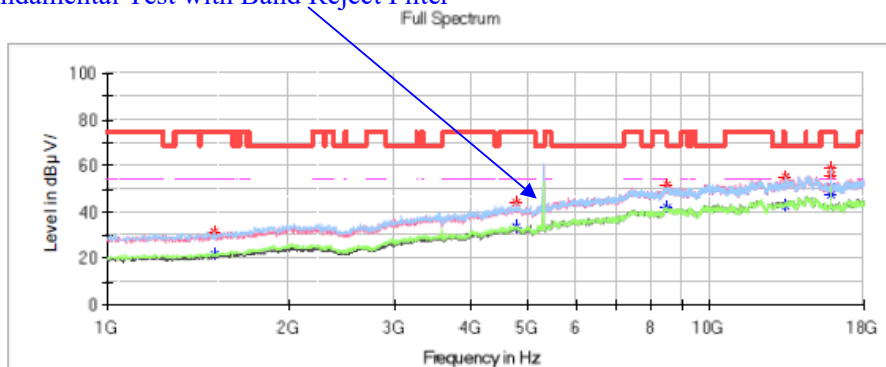
Project No.:	RKSA250728002
EUT Model:	K1362
Test Mode:	5G WIFI 802.11a mode Low Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	28.5℃
Humidity:	47%
Atmospheric Pressure:	100.5kPa
Test Engineer:	Destine Hu
Test Date:	2025/8/9

Fundamental Test with Band Reject Filter**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	30.56	---	74.00	43.44	H	-13.8
1394.400000	---	19.23	54.00	34.77	H	-13.8
4648.200000	42.46	---	74.00	31.54	V	-3.8
4648.200000	---	32.53	54.00	21.47	V	-3.8
7436.200000	50.07	---	74.00	23.93	H	2.8
7436.200000	---	39.84	54.00	14.16	H	2.8
12135.000000	---	45.49	54.00	8.51	V	9.0
12135.000000	52.43	---	74.00	21.57	V	9.0
12162.200000	---	44.60	54.00	9.40	H	9.0
12162.200000	54.64	---	74.00	19.36	H	9.0
17772.200000	---	44.98	54.00	9.02	V	11.2
17772.200000	52.71	---	74.00	21.29	V	11.2

Middle Channel: 5300MHz**Common Information**

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11a mode Middle Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5℃
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

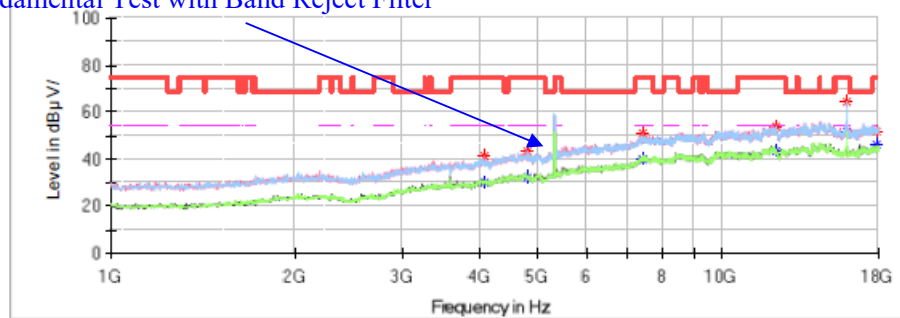
Fundamental Test with Band Reject Filter**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µV/m)	Average (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Pol	Corr. (dB/m)
1503.200000	---	21.36	54.00	32.64	H	-13.4
1503.200000	31.68	---	74.00	42.32	H	-13.4
4784.200000	43.94	---	74.00	30.06	H	-3.5
4784.200000	---	33.34	54.00	20.66	H	-3.5
8493.600000	51.81	---	74.00	22.19	V	4.7
8493.600000	---	41.63	54.00	12.37	V	4.7
13352.200000	---	42.92	54.00	11.08	V	9.7
13352.200000	54.95	---	74.00	19.05	V	9.7
15892.000000	59.03	---	74.00	14.97	H	8.8
15892.000000	---	47.47	54.00	6.53	H	8.8
15895.400000	---	50.85	54.00	3.15	H	8.8
15895.400000	56.28	---	74.00	17.72	H	8.8

High Channel: 5320MHz**Common Information**

Project No.: RKSA250728002
 EUT Model: K1362
 Test Mode: 5G WIFI 802.11a mode High Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 28.5°C
 Humidity: 47%
 Atmospheric Pressure: 100.5kPa
 Test Engineer: Destine Hu
 Test Date: 2025/8/9

Full Spectrum

Fundamental Test with Band Reject Filter**Critical Freqs**

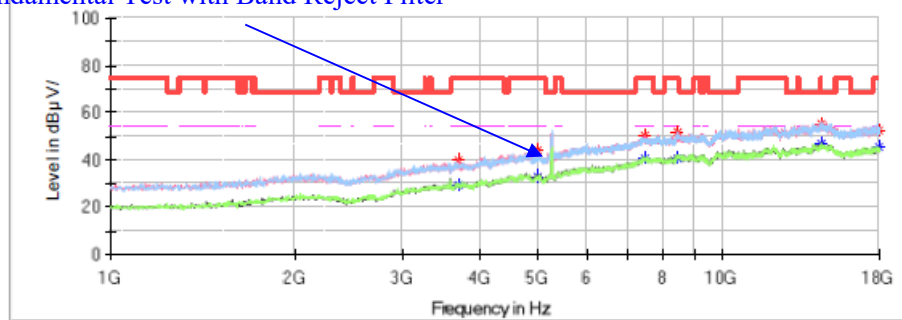
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
4094.000000	---	29.95	54.00	24.05	V	-4.8
4094.000000	41.03	---	74.00	32.97	V	-4.8
4814.800000	---	32.02	54.00	21.98	V	-3.4
4814.800000	43.09	---	74.00	30.91	V	-3.4
7422.600000	---	40.14	54.00	13.86	V	2.7
7422.600000	51.04	---	74.00	22.96	V	2.7
12237.000000	---	43.25	54.00	10.75	H	8.9
12237.000000	53.88	---	74.00	20.12	H	8.9
15963.400000	---	52.09	54.00	1.91	H	8.8
15963.400000	64.16	---	74.00	9.84	H	8.8
17918.400000	51.87	---	74.00	22.13	V	11.5
17918.400000	---	45.92	54.00	8.08	V	11.5

802.11ac 20 Mode:**Low Channel: 5260MHz****Common Information**

Project No.: RKSA250728002
 EUT Model: K1362
 Test Mode: 5G WIFI 802.11ac20 mode Low Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 28.5°C
 Humidity: 47%
 Atmospheric Pressure: 100.5kPa
 Test Engineer: Destine Hu
 Test Date: 2025/8/9

Full Spectrum

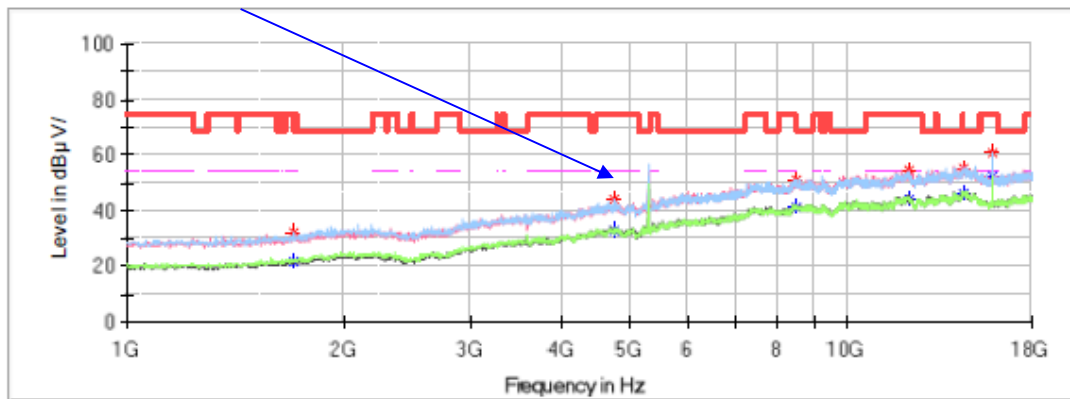
Fundamental Test with Band Reject Filter

**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)
3709.800000	---	29.09	54.00	24.91	V	-5.7
3709.800000	39.97	---	74.00	34.03	V	-5.7
4978.000000	---	32.88	54.00	21.12	H	-3.0
4978.000000	43.76	---	74.00	30.24	H	-3.0
7470.200000	---	40.65	54.00	13.35	H	2.9
7470.200000	50.45	---	74.00	23.55	H	2.9
8456.200000	51.92	---	74.00	22.08	H	4.6
8456.200000	---	40.74	54.00	13.26	H	4.6
14498.000000	55.28	---	74.00	18.72	V	12.0
14498.000000	---	46.86	54.00	7.14	V	12.0
17966.000000	52.30	---	74.00	21.70	V	11.7
17966.000000	---	45.54	54.00	8.46	V	11.7

Middle Channel: 5300MHz**Common Information**

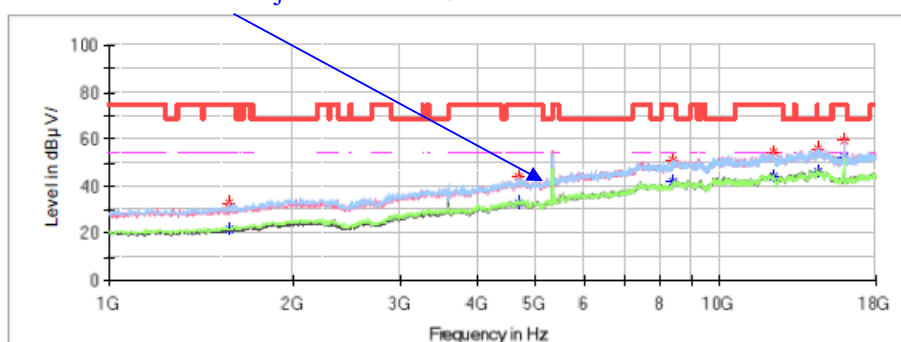
Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac20 mode Middle Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5℃
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

Fundamental Test with Band Reject Filter 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)
1700.400000	32.11	---	74.00	41.89	H	-12.1
1700.400000	---	21.95	54.00	32.05	H	-12.1
4757.000000	---	32.88	54.00	21.12	V	-3.5
4757.000000	43.87	---	74.00	30.13	V	-3.5
8486.800000	---	41.52	54.00	12.48	H	4.7
8486.800000	51.35	---	74.00	22.65	H	4.7
12165.600000	---	44.29	54.00	9.71	H	9.0
12165.600000	54.71	---	74.00	19.29	H	9.0
14494.600000	---	46.04	54.00	7.96	H	12.0
14494.600000	55.47	---	74.00	18.53	H	12.0
15898.800000	---	52.33	54.00	1.67	H	8.8
15898.800000	60.87	---	74.00	13.13	H	8.8

High Channel: 5320MHz**Common Information**

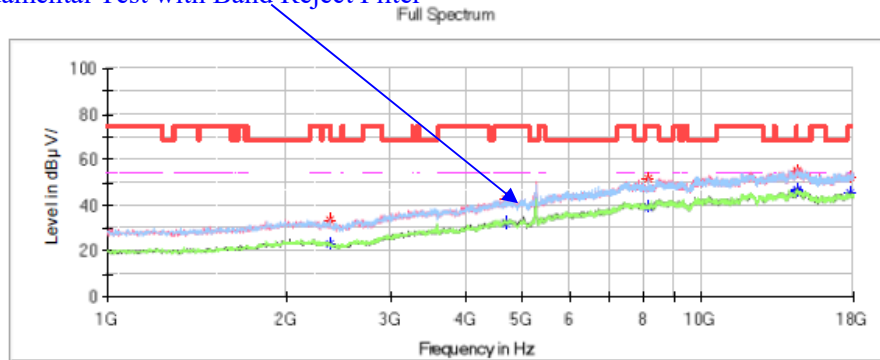
Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac20 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5°C
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

Fundamental Test with Band Reject Filter Full Spectrum**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μV/m)	Average (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Pol	Corr. (dB/m)
1571.200000	32.91	---	74.00	41.09	H	-12.9
1571.200000	---	22.00	54.00	32.00	H	-12.9
4672.000000	43.93	---	74.00	30.07	H	-3.8
4672.000000	---	33.04	54.00	20.96	H	-3.8
8415.400000	50.94	---	74.00	23.06	V	4.5
8415.400000	---	41.81	54.00	12.19	V	4.5
12216.600000	---	43.89	54.00	10.11	V	8.9
12216.600000	54.25	---	74.00	19.75	V	8.9
14481.000000	55.65	---	74.00	18.35	H	11.9
14481.000000	---	46.29	54.00	7.71	H	11.9
15963.400000	59.46	---	74.00	14.54	H	8.8
15963.400000	---	52.33	54.00	1.67	H	8.8

802.11ac40 Mode:**Low Channel: 5270MHz****Common Information**

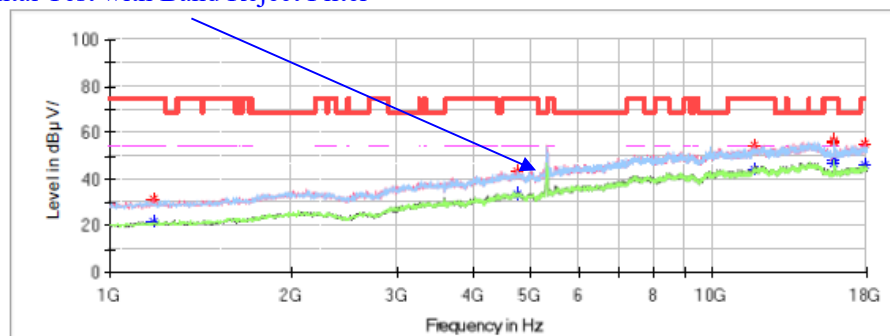
Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac40 mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5°C
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

Fundamental Test with Band Reject Filter**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µV/m)	Average (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Pol	Corr. (dB/m)
2366.800000	33.59	---	74.00	40.41	H	-9.7
2366.800000	---	22.74	54.00	31.26	H	-9.7
4699.200000	---	32.43	54.00	21.57	V	-3.7
4699.200000	42.81	---	74.00	31.19	V	-3.7
8126.400000	---	39.45	54.00	14.55	V	3.6
8126.400000	51.58	---	74.00	22.42	V	3.6
14474.200000	---	45.99	54.00	8.01	H	11.9
14474.200000	54.94	---	74.00	19.06	H	11.9
14494.600000	54.48	---	74.00	19.52	H	12.0
14494.600000	---	46.63	54.00	7.37	H	12.0
17809.600000	52.68	---	74.00	21.32	V	11.3
17809.600000	---	45.25	54.00	8.75	V	11.3

High Channel: 5310MHz**Common Information**

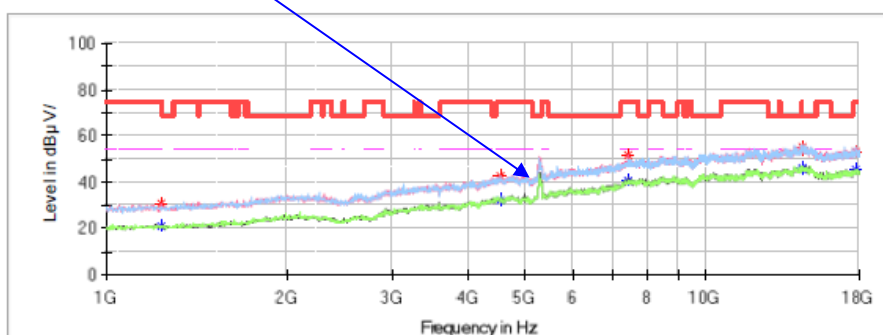
Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac40 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5°C
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

Fundamental Test with Band Reject Filter 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)
1180.200000	---	21.66	54.00	32.34	V	-14.6
1180.200000	31.25	---	74.00	42.75	V	-14.6
4733.200000	---	33.52	54.00	20.48	V	-3.6
4733.200000	43.37	---	74.00	30.63	V	-3.6
11757.600000	---	44.22	54.00	9.78	V	8.6
11757.600000	54.68	---	74.00	19.32	V	8.6
15922.600000	---	46.98	54.00	7.02	H	8.8
15922.600000	56.33	---	74.00	17.67	H	8.8
15926.000000	55.74	---	74.00	18.26	H	8.8
15926.000000	---	48.04	54.00	5.96	H	8.8
17908.200000	---	45.90	54.00	8.10	V	11.5
17908.200000	55.01	---	74.00	18.99	V	11.5

802.11ac80 Mode:**Channel: 5290MHz****Common Information**

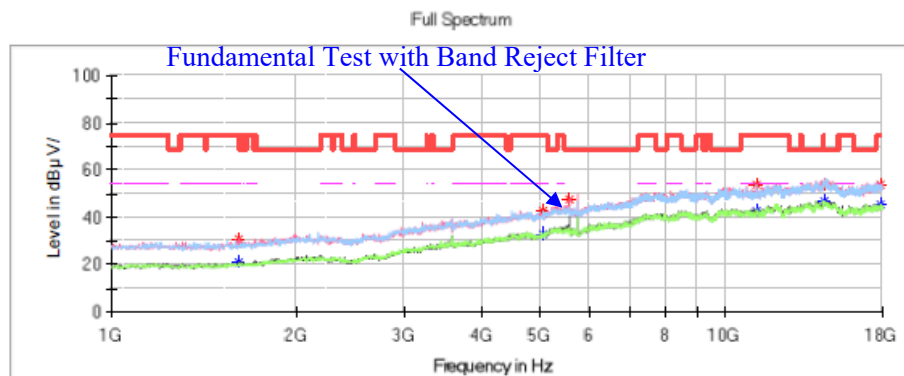
Project No.:	RKSA250728002
EUT Model:	K1362
Test Mode:	5G WIFI 802.11ac80
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	28.5°C
Humidity:	47%
Atmospheric Pressure:	100.5kPa
Test Engineer:	Destine Hu
Test Date:	2025/8/9

Fundamental Test with Band Reject Filter**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)
1231.200000	---	20.78	54.00	33.22	V	-14.4
1231.200000	31.05	---	74.00	42.95	V	-14.4
4536.000000	---	32.47	54.00	21.53	H	-4.1
4536.000000	42.40	---	74.00	31.60	H	-4.1
7405.600000	---	40.48	54.00	13.52	H	2.7
7405.600000	51.89	---	74.00	22.11	H	2.7
14474.200000	---	46.25	54.00	7.75	V	11.9
14474.200000	55.55	---	74.00	18.45	V	11.9
14498.000000	53.99	---	74.00	20.01	V	12.0
14498.000000	---	45.67	54.00	8.33	V	12.0
17809.600000	---	45.48	54.00	8.52	H	11.3
17809.600000	53.04	---	74.00	20.96	H	11.3

1GHz-18GHz(5725-5850MHz Band):**802.11a Mode:****Low Channel: 5745MHz****Common Information**

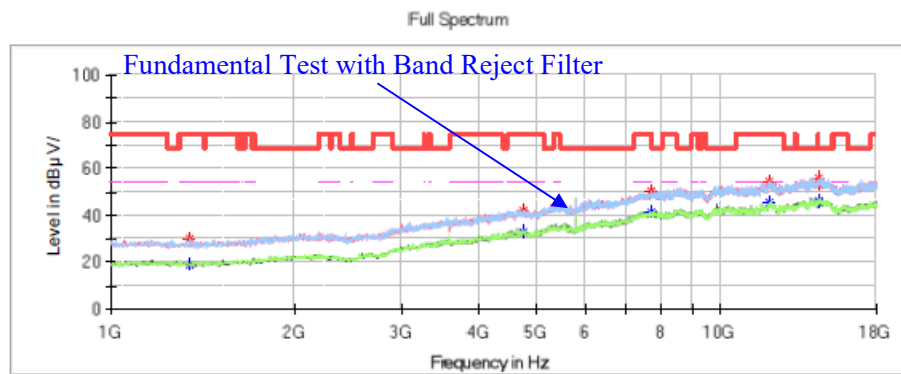
Project No.:	RKSA250728002
EUT Model:	K1362
Test Mode:	5G WIFI 802.11a mode Low Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	28.5°C
Humidity:	47%
Atmospheric Pressure:	100.5kPa
Test Engineer:	Destine Hu
Test Date:	2025/8/9

**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)
1612.000000	30.90	---	74.00	43.10	V	-12.7
1612.000000	---	20.72	54.00	33.28	V	-12.7
5035.800000	---	32.78	54.00	21.22	H	-2.8
5035.800000	42.84	---	74.00	31.16	H	-2.8
5573.000000	47.34	---	68.20	20.86	V	-1.6
11261.200000	---	42.67	54.00	11.33	V	7.4
11261.200000	53.67	---	74.00	20.33	V	7.4
14481.000000	54.10	---	74.00	19.90	H	11.9
14481.000000	---	46.98	54.00	7.02	H	11.9
17915.000000	54.04	---	74.00	19.96	H	11.5
17915.000000	---	45.77	54.00	8.23	H	11.5

Middle Channel: 5785MHz**Common Information**

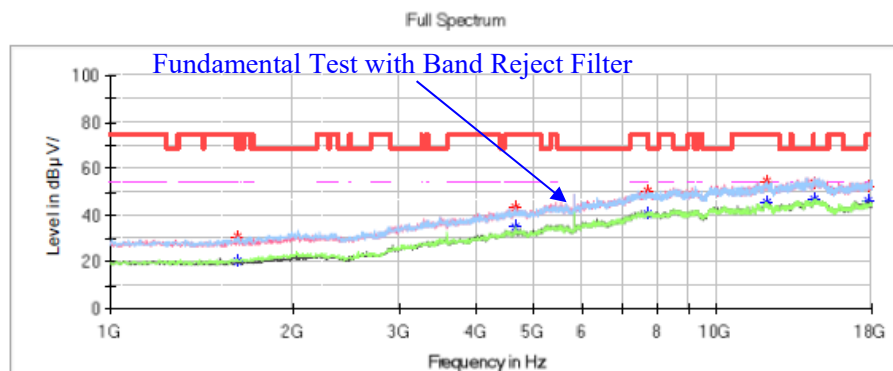
Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11a mode Middle Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5℃
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

**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)
1350.200000	---	19.05	54.00	34.95	H	-14.0
1350.200000	30.08	---	74.00	43.92	H	-14.0
4750.200000	---	32.73	54.00	21.27	V	-3.5
4750.200000	42.28	---	74.00	31.72	V	-3.5
7691.200000	---	40.95	54.00	13.05	H	3.1
7691.200000	50.26	---	74.00	23.74	H	3.1
12060.200000	54.85	---	74.00	19.15	H	9.0
12060.200000	---	45.22	54.00	8.78	H	9.0
14491.200000	53.26	---	74.00	20.74	H	12.0
14491.200000	---	46.46	54.00	7.54	H	12.0
14494.600000	---	45.70	54.00	8.30	V	12.0
14494.600000	55.80	---	74.00	18.20	V	12.0

High Channel: 5825MHz**Common Information**

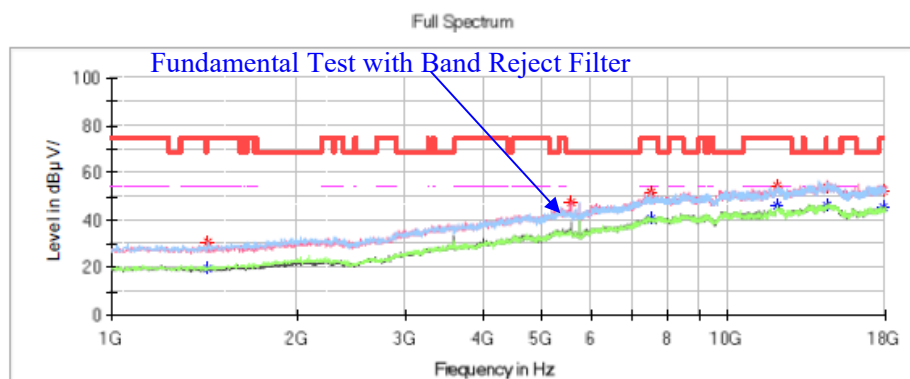
Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11a mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5°C
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µV/m)	Average (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Pol	Corr. (dB/m)
1625.600000	30.90	---	74.00	43.10	V	-12.6
1625.600000	---	20.44	54.00	33.56	V	-12.6
4658.400000	---	34.79	54.00	19.21	V	-3.8
4658.400000	43.45	---	74.00	30.55	V	-3.8
7718.400000	---	40.35	54.00	13.65	H	3.1
7718.400000	50.26	---	74.00	23.74	H	3.1
12070.400000	54.80	---	74.00	19.20	H	9.0
12070.400000	---	45.69	54.00	8.31	H	9.0
14498.000000	---	46.52	54.00	7.48	H	12.0
14498.000000	54.19	---	74.00	19.81	H	12.0
17779.000000	52.71	---	74.00	21.29	V	11.2
17779.000000	---	46.13	54.00	7.87	V	11.2

802.11ac20 Mode:**Low Channel: 5745MHz****Common Information**

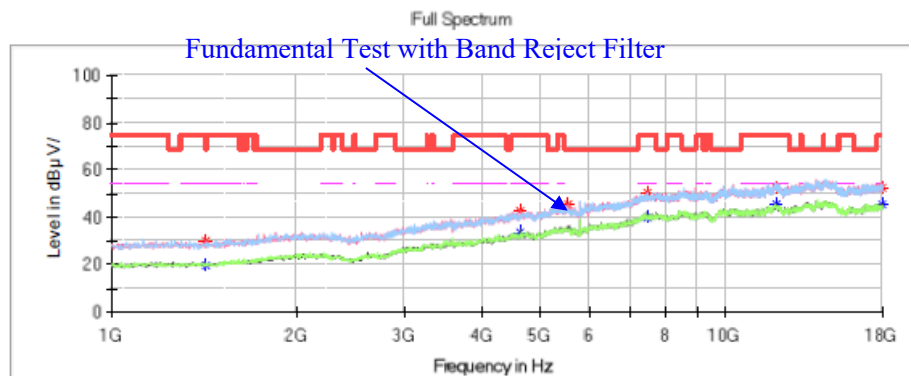
Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac20 mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5°C
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µV/m)	Average (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Pol	Corr. (dB/m)
1435.200000	30.42	---	74.00	43.58	H	-13.7
1435.200000	---	19.31	54.00	34.69	H	-13.7
5576.400000	47.90	---	68.20	20.30	H	-1.5
7524.600000	---	40.23	54.00	13.77	H	3.0
7524.600000	51.51	---	74.00	22.49	H	3.0
12036.400000	---	46.01	54.00	7.99	H	9.0
12036.400000	54.40	---	74.00	19.60	H	9.0
14498.000000	---	46.11	54.00	7.89	H	12.0
14498.000000	54.03	---	74.00	19.97	H	12.0
17935.400000	---	45.55	54.00	8.45	V	11.6
17935.400000	52.70	---	74.00	21.30	V	11.6

Middle Channel: 5785MHz**Common Information**

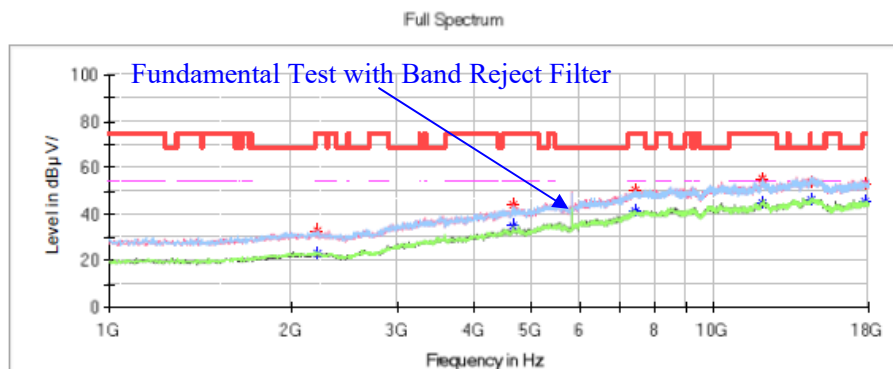
Project No.: RKSA250728002
 EUT Model: K1362
 Test Mode: 5G WIFI 802.11ac20 mode Middle Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 28.5℃
 Humidity: 47%
 Atmospheric Pressure: 100.5kPa
 Test Engineer: Destine Hu
 Test Date: 2025/8/9

**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)
1421.600000	29.80	---	74.00	44.20	V	-13.7
1421.600000	---	19.85	54.00	34.15	V	-13.7
4624.400000	42.57	---	74.00	31.43	V	-3.9
4624.400000	---	33.44	54.00	20.56	V	-3.9
5542.400000	45.27	---	68.20	22.93	V	-1.6
7456.600000	---	40.09	54.00	13.91	H	2.8
7456.600000	50.44	---	74.00	23.56	H	2.8
12073.800000	52.69	---	74.00	21.31	H	9.0
12073.800000	---	45.53	54.00	8.47	H	9.0
17952.400000	52.52	---	74.00	21.48	V	11.6
17952.400000	---	45.52	54.00	8.48	V	11.6

High Channel: 5825MHz**Common Information**

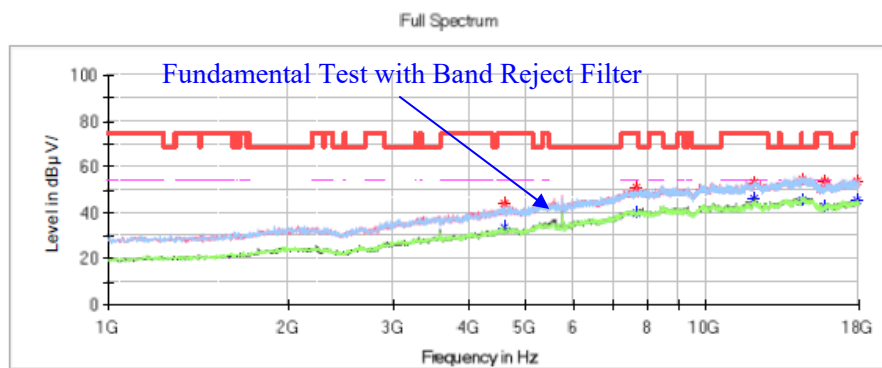
Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac20 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5°C
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

**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)
2217.200000	33.17	---	74.00	40.83	H	-9.8
2217.200000	---	23.16	54.00	30.84	H	-9.8
4658.400000	---	34.73	54.00	19.27	V	-3.8
4658.400000	43.91	---	74.00	30.09	V	-3.8
7405.600000	50.47	---	74.00	23.53	H	2.7
7405.600000	---	41.20	54.00	12.80	H	2.7
12046.600000	---	44.84	54.00	9.16	H	9.0
12046.600000	55.20	---	74.00	18.80	H	9.0
14498.000000	---	45.91	54.00	8.09	H	12.0
14498.000000	53.83	---	74.00	20.17	H	12.0
17813.000000	52.90	---	74.00	21.10	H	11.3
17813.000000	---	45.73	54.00	8.27	H	11.3

802.11ac40 Mode:**Channel: 5755MHz****Common Information**

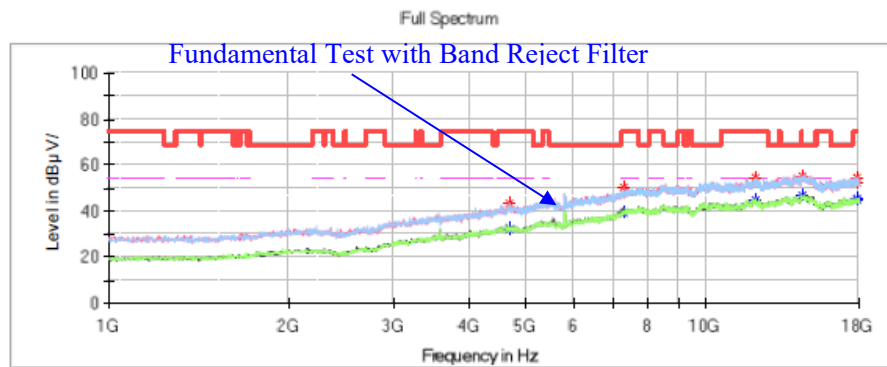
Project No.:	RKSA250728002
EUT Model:	K1362
Test Mode:	5G WIFI 802.11ac40 mode Low Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	28.5°C
Humidity:	47%
Atmospheric Pressure:	100.5kPa
Test Engineer:	Destine Hu
Test Date:	2025/8/9

**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)
4604.000000	---	33.48	54.00	20.52	V	-3.9
4604.000000	43.76	---	74.00	30.24	V	-3.9
7670.800000	50.89	---	74.00	23.11	V	3.1
7670.800000	---	39.83	54.00	14.17	V	3.1
12060.200000	53.00	---	74.00	21.00	V	9.0
12060.200000	---	46.08	54.00	7.92	V	9.0
14498.000000	---	45.71	54.00	8.29	H	12.0
14498.000000	54.56	---	74.00	19.44	H	12.0
15847.800000	---	42.96	54.00	11.04	V	8.8
15847.800000	53.55	---	74.00	20.45	V	8.8
17942.200000	53.59	---	74.00	20.41	V	11.6
17942.200000	---	45.44	54.00	8.56	V	11.6

Channel: 5795MHz**Common Information**

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac40 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5℃
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

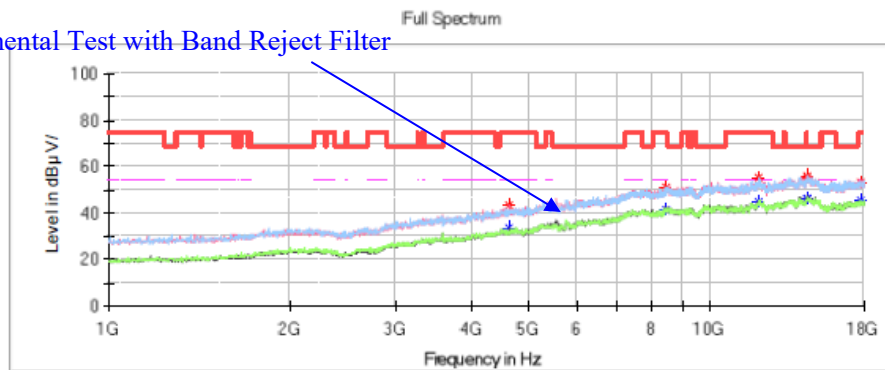
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µV/m)	Average (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Pol	Corr. (dB/m)
4685.600000	43.02	---	74.00	30.98	H	-3.7
4685.600000	---	32.39	54.00	21.61	H	-3.7
7293.400000	50.04	---	74.00	23.96	V	2.4
7293.400000	---	39.22	54.00	14.78	V	2.4
12070.400000	54.61	---	74.00	19.39	V	9.0
12070.400000	---	44.66	54.00	9.34	V	9.0
14484.400000	---	46.58	54.00	7.42	V	11.9
14484.400000	54.93	---	74.00	19.07	V	11.9
17891.200000	---	44.42	54.00	9.58	H	11.5
17891.200000	54.83	---	74.00	19.17	H	11.5
17925.200000	52.26	---	74.00	21.74	H	11.6
17925.200000	---	45.66	54.00	8.34	H	11.6

802.11ac80 Mode:**Channel: 5775MHz****Common Information**

Project No.: RKSA250728002
 EUT Model: K1362
 Test Mode: 5G WIFI 802.11ac80
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 28.5°C
 Humidity: 47%
 Atmospheric Pressure: 100.5kPa
 Test Engineer: Destine Hu
 Test Date: 2025/8/9

Fundamental Test with Band Reject Filter

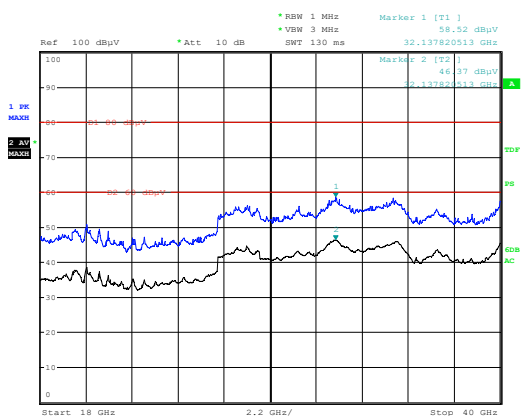
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µV/m)	Average (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Pol	Corr. (dB/m)
4617.600000	---	33.46	54.00	20.54	V	-3.9
4617.600000	43.19	---	74.00	30.81	V	-3.9
8422.200000	---	41.18	54.00	12.82	V	4.5
8422.200000	51.07	---	74.00	22.93	V	4.5
12063.600000	54.96	---	74.00	19.04	H	9.0
12063.600000	---	44.92	54.00	9.08	H	9.0
14477.600000	56.23	---	74.00	17.77	H	11.9
14477.600000	---	46.38	54.00	7.62	H	11.9
14481.000000	---	46.44	54.00	7.56	V	11.9
14481.000000	55.01	---	74.00	18.99	V	11.9
17789.200000	---	45.45	54.00	8.55	H	11.2
17789.200000	52.93	---	74.00	21.07	H	11.2

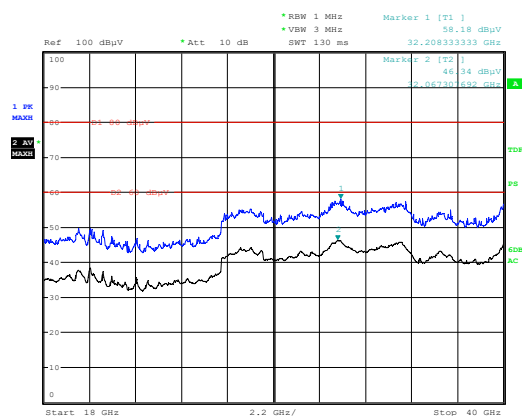
18GHz-40GHz:

Pre-scan with 802.11a, 802.11ac20, 802.11ac40, 802.11ac80 modes of operation in the X,Y and Z axes of orientation, the worst case **802.11a mode (5180MHz)** was recorded

Horizontal



Vertical



Project No :RKSA250728002 Tester :Hugh Wu
Date: 19.SEP.2025 17:15:42

Project No :RKSA250728002 Tester :Hugh Wu
Date: 19.SEP.2025 17:48:17

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	---	46.34	60	13.66	V	23.21
32.21	58.18	---	80	21.82	V	23.35
32.14	---	46.37	60	13.63	H	23.28
32.14	58.52	---	80	21.48	H	23.28

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

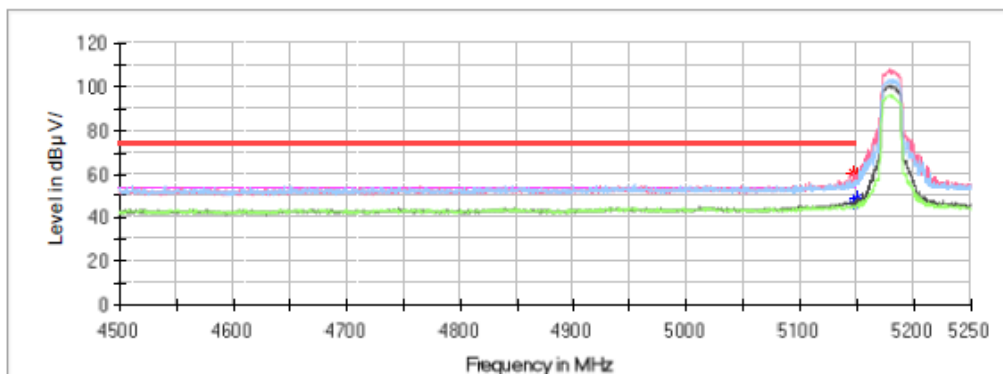
Note:

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.:	RKSA250728002
EUT Model:	K1362
Test Mode:	5G WIFI 802.11a mode Low Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	27.7°C
Humidity:	49%
Atmospheric Pressure:	100.8kPa
Test Engineer:	Destine Hu
Test Date:	2025/8/8

Full Spectrum

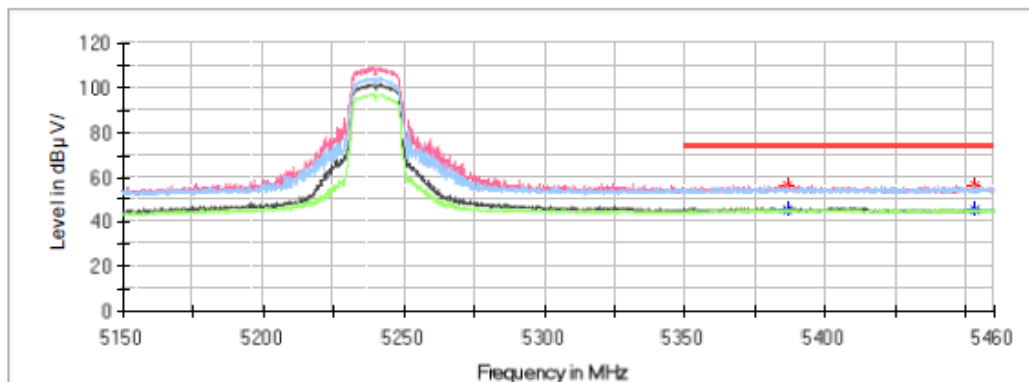
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5146.800000	60.61	---	74.00	13.39	V	7.5
5146.800000	---	46.09	54.00	7.91	V	7.5
5149.500000	59.85	---	74.00	14.15	V	7.5
5149.500000	---	48.55	54.00	5.45	V	7.5

Common Information

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11a mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 27.7°C
Humidity: 49%
Atmospheric Pressure: 100.8kPa
Test Engineer: Destine Hu
Test Date: 2025/8/8

Full Spectrum



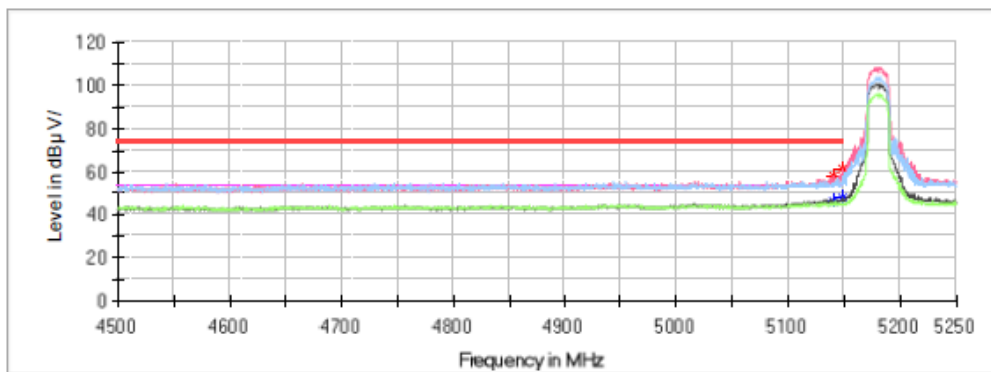
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5386.344000	56.27	---	74.00	17.73	V	7.6
5386.344000	---	45.68	54.00	8.32	V	7.6
5453.180000	---	45.06	54.00	8.94	V	7.7
5453.180000	56.25	---	74.00	17.75	V	7.7

802.11ac20 Mode:**Common Information**

Project No.:	RKSA250728002
EUT Model:	K1362
Test Mode:	5G WIFI 802.11ac20 mode Low Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	27.7°C
Humidity:	49%
Atmospheric Pressure:	100.8kPa
Test Engineer:	Destine Hu
Test Date:	2025/8/8

Full Spectrum

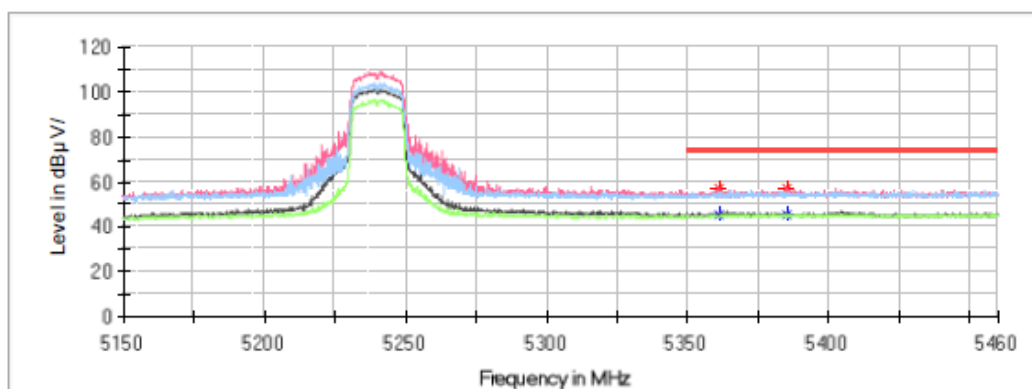
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μV/m)	Average (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Pol	Corr. (dB/m)
5140.200000	---	46.16	54.00	7.84	V	7.5
5140.200000	57.76	---	74.00	16.24	V	7.5
5148.300000	---	47.49	54.00	6.51	V	7.5
5148.300000	61.23	---	74.00	12.77	V	7.5

Common Information

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac20 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 27.7°C
Humidity: 49%
Atmospheric Pressure: 100.8kPa
Test Engineer: Destine Hu
Test Date: 2025/8/8

Full Spectrum



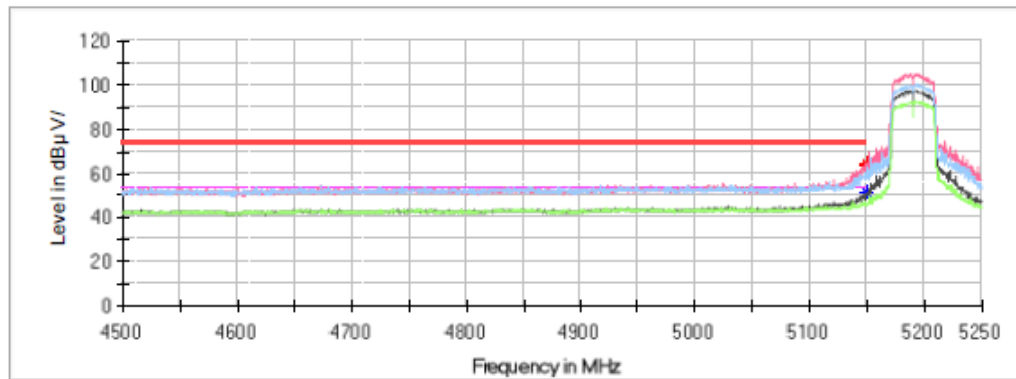
Critical Freqs

Frequency (MHz)	MaxPeak (dB μV/m)	Average (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Pol	Corr. (dB/m)
5361.048000	56.67	---	74.00	17.33	V	7.6
5361.048000	---	45.05	54.00	8.95	V	7.6
5385.228000	---	45.28	54.00	8.72	V	7.6
5385.228000	56.77	---	74.00	17.23	V	7.6

802.11ac40 Mode:**Common Information**

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac40 mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 27.7°C
Humidity: 49%
Atmospheric Pressure: 100.8kPa
Test Engineer: Destine Hu
Test Date: 2025/8/8

Full Spectrum

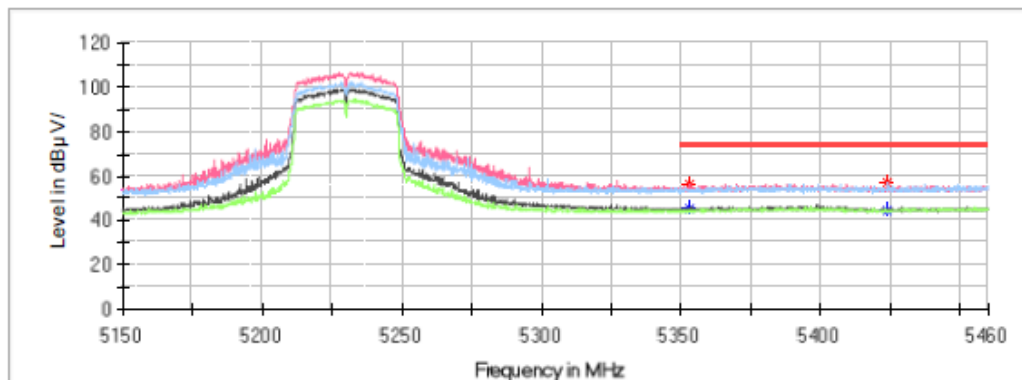
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5149.200000	64.22	---	74.00	9.78	V	7.5
5149.200000	---	51.00	54.00	3.00	V	7.5
5149.500000	64.19	---	74.00	9.81	V	7.5
5149.500000	---	51.31	54.00	2.69	V	7.5

Common Information

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac40 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 27.7°C
Humidity: 49%
Atmospheric Pressure: 100.8kPa
Test Engineer: Destine Hu
Test Date: 2025/8/8

Full Spectrum



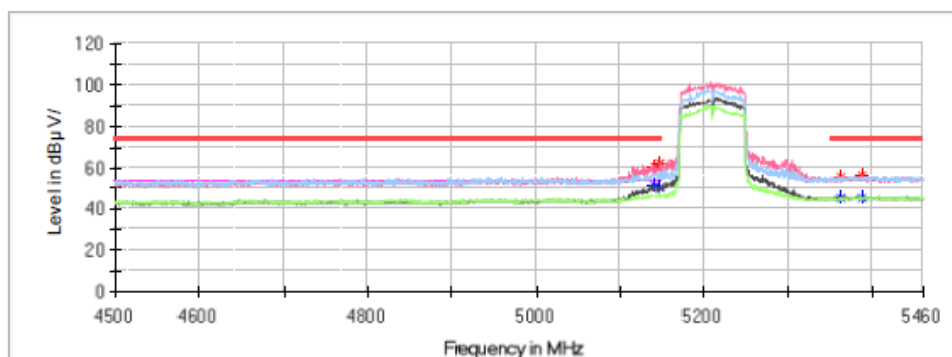
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μV/m)	Average (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Pol	Corr. (dB/m)
5353.112000	56.04	---	74.00	17.96	V	7.6
5353.112000	---	45.02	54.00	8.98	V	7.6
5424.040000	---	44.56	54.00	9.44	V	7.7
5424.040000	56.69	---	74.00	17.31	V	7.7

802.11ac80 Mode:**Common Information**

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac80
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 27.7°C
Humidity: 49%
Atmospheric Pressure: 100.8kPa
Test Engineer: Destine Hu
Test Date: 2025/8/8

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)
5141.664000	60.79	---	74.00	13.21	V	7.5
5141.664000	---	51.46	54.00	2.54	V	7.5
5147.808000	62.42	---	74.00	11.58	V	7.5
5147.808000	---	50.26	54.00	3.74	V	7.5
5362.080000	---	45.08	54.00	8.92	H	7.6
5362.080000	55.77	---	74.00	18.23	H	7.6
5387.040000	---	45.69	54.00	8.31	V	7.6
5387.040000	55.96	---	74.00	18.04	V	7.6

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

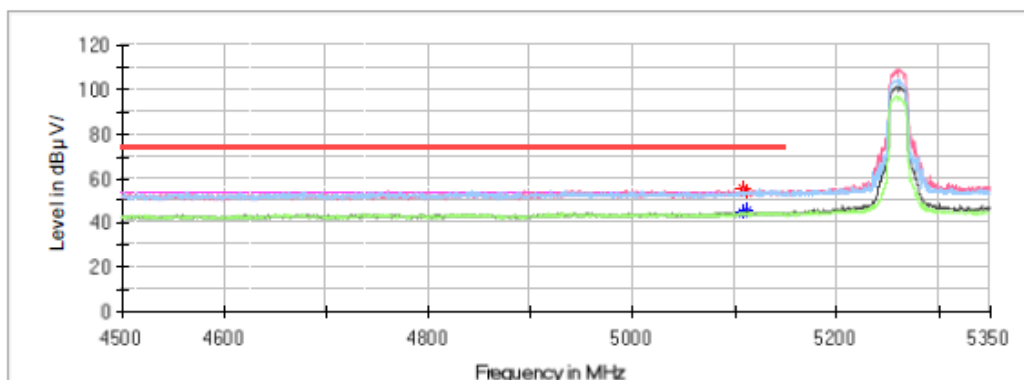
Note:

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.:	RKSA250728002
EUT Model:	K1362
Test Mode:	5G WIFI 802.11a mode Low Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	28.5℃
Humidity:	47%
Atmospheric Pressure:	100.5kPa
Test Engineer:	Destine Hu
Test Date:	2025/8/9

Full Spectrum

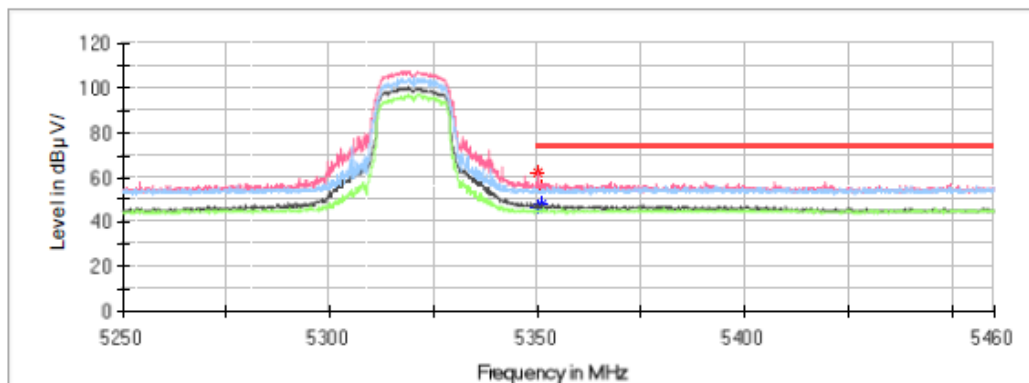
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5108.260000	55.14	---	74.00	18.86	V	7.4
5108.260000	---	44.09	54.00	9.91	V	7.4
5111.660000	53.30	---	74.00	20.70	V	7.4
5111.660000	---	44.94	54.00	9.06	V	7.4

Common Information

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11a mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5°C
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

Full Spectrum



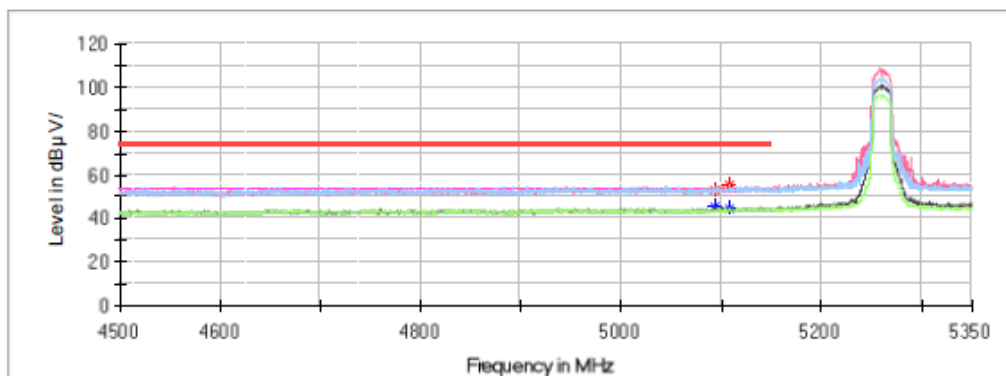
Critical Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5350.212000	62.44	---	74.00	11.56	V	7.6
5350.212000	---	46.43	54.00	7.57	V	7.6
5351.052000	55.65	---	74.00	18.35	V	7.6
5351.052000	---	48.19	54.00	5.81	V	7.6

802.11ac20 Mode:**Common Information**

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac20 mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5℃
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

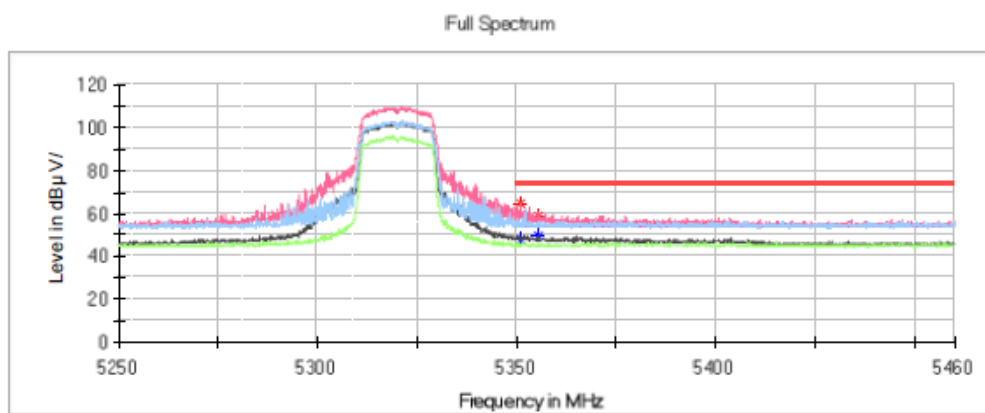
Full Spectrum

**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)
5092.960000	53.13	---	74.00	20.87	V	7.4
5092.960000	---	45.05	54.00	8.95	V	7.4
5108.260000	---	44.13	54.00	9.87	H	7.4
5108.260000	55.14	---	74.00	18.86	H	7.4

Common Information

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac20 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5°C
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9



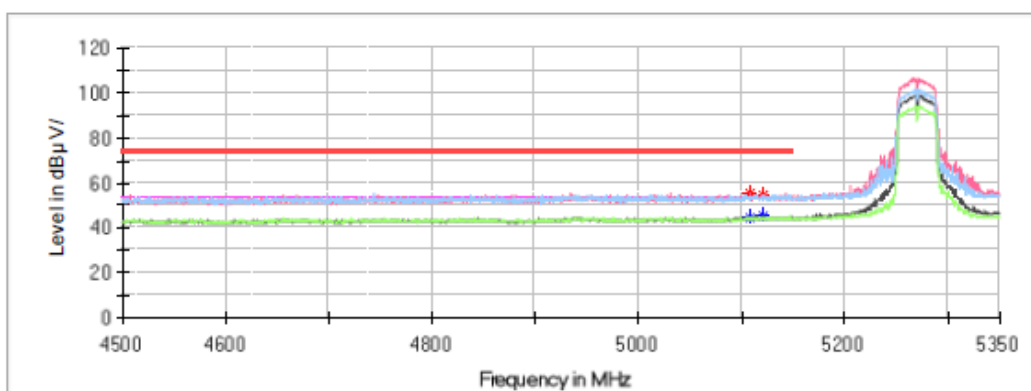
Critical Freqs

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	64.44	---	74.00	9.56	V	7.6
5350.884000	---	47.97	54.00	6.03	V	7.6
5355.252000	58.80	---	74.00	15.20	V	7.6
5355.252000	---	49.56	54.00	4.44	V	7.6

802.11ac40 Mode:**Common Information**

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac40 mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5℃
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

Full Spectrum

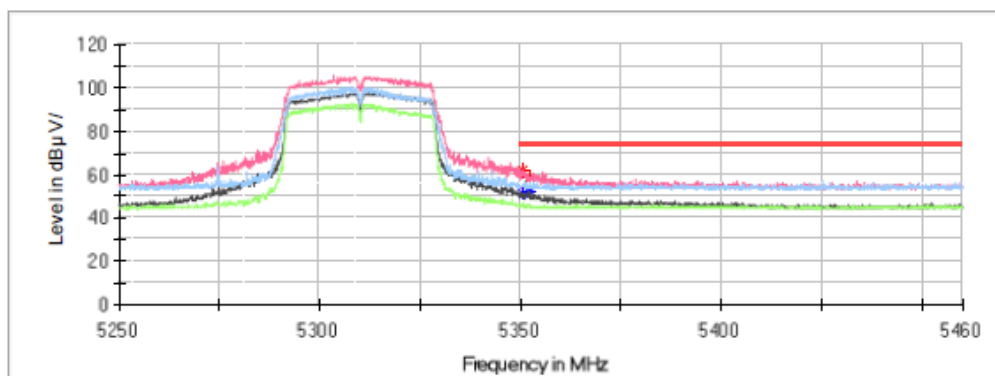
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5108.260000	55.28	---	74.00	18.72	V	7.4
5108.260000	---	44.23	54.00	9.77	V	7.4
5120.160000	54.73	---	74.00	19.27	V	7.4
5120.160000	---	45.35	54.00	8.65	V	7.4

Common Information

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac40 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5°C
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

Full Spectrum



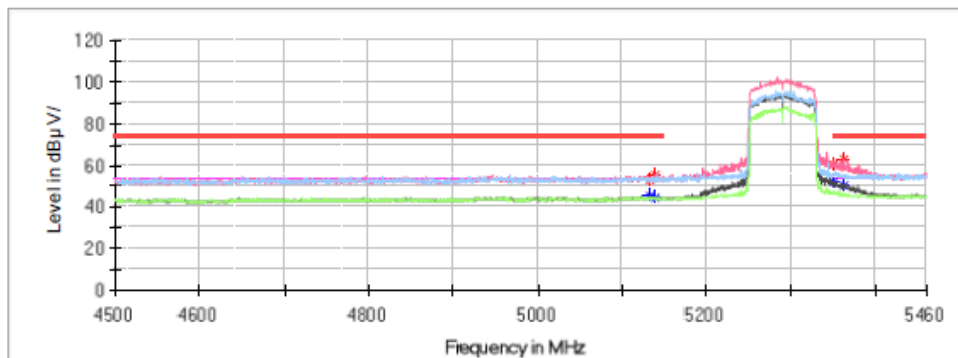
Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5350.296000	62.00	---	74.00	12.00	V	7.6
5350.296000	---	51.47	54.00	2.53	V	7.6
5352.060000	58.98	---	74.00	15.02	V	7.6
5352.060000	---	51.93	54.00	2.07	V	7.6

802.11ac80 Mode:**Common Information**

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac80
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5℃
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

Full Spectrum

**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μV/m)	Average (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Pol	Corr. (dB/m)
5132.832000	---	45.43	54.00	8.57	V	7.4
5132.832000	52.81	---	74.00	21.19	V	7.4
5138.976000	---	44.16	54.00	9.84	V	7.5
5138.976000	55.40	---	74.00	18.60	V	7.5
5350.176000	---	52.09	54.00	1.91	H	7.6
5350.176000	60.44	---	74.00	13.56	H	7.6
5362.080000	---	49.93	54.00	4.07	V	7.6
5362.080000	62.82	---	74.00	11.18	V	7.6

Bandedge Emissions Test (5725-5850MHz Band):

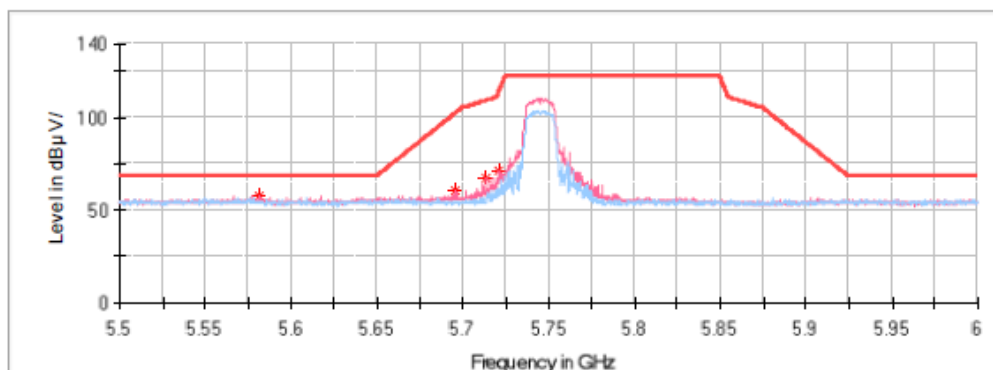
Note:

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.:	RKSA250728002
EUT Model:	K1362
Test Mode:	5G WIFI 802.11a mode Low Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	28.5℃
Humidity:	47%
Atmospheric Pressure:	100.5kPa
Test Engineer:	Destine Hu
Test Date:	2025/8/9

Full Spectrum

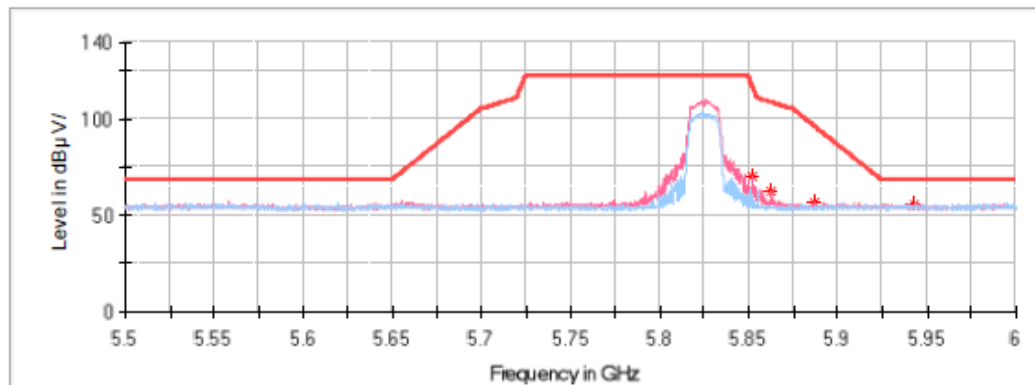
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μV/m)	Average (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Pol	Corr. (dB/m)
5581.600000	57.70	---	68.20	10.50	V	7.8
5696.000000	60.92	---	102.24	41.32	V	7.8
5713.800000	67.82	---	109.06	41.24	V	7.8
5720.800000	71.65	---	112.62	40.98	V	7.8

Common Information

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11a mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5℃
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

Full Spectrum



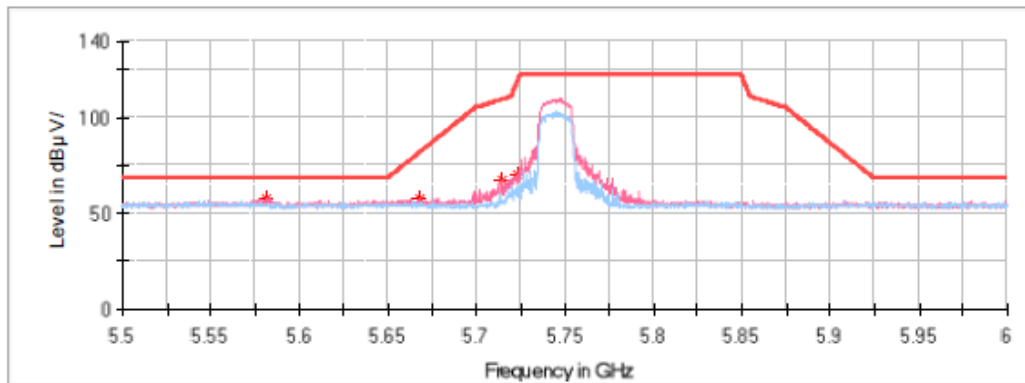
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5852.200000	70.23	---	117.18	46.95	V	7.9
5863.000000	62.27	---	108.56	46.29	V	7.9
5887.400000	56.86	---	96.02	39.17	V	7.9
5942.800000	55.91	---	68.20	12.29	V	7.9

802.11ac20 Mode:**Common Information**

Project No.:	RKSA250728002
EUT Model:	K1362
Test Mode:	5G WIFI 802.11ac20 mode Low Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	28.5°C
Humidity:	47%
Atmospheric Pressure:	100.5kPa
Test Engineer:	Destine Hu
Test Date:	2025/8/9

Full Spectrum

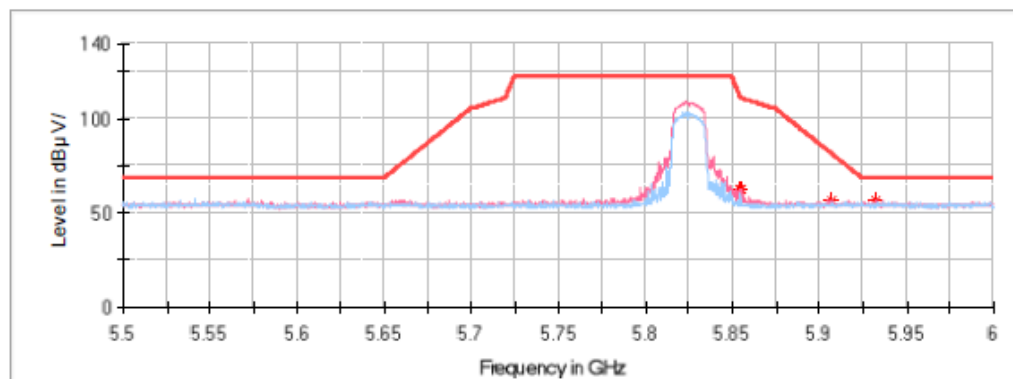
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5581.400000	57.93	---	68.20	10.27	V	7.8
5668.200000	58.16	---	81.67	23.51	V	7.8
5714.600000	67.50	---	109.29	41.79	V	7.8
5722.800000	70.20	---	117.18	46.99	V	7.8

Common Information

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac20 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5°C
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

Full Spectrum



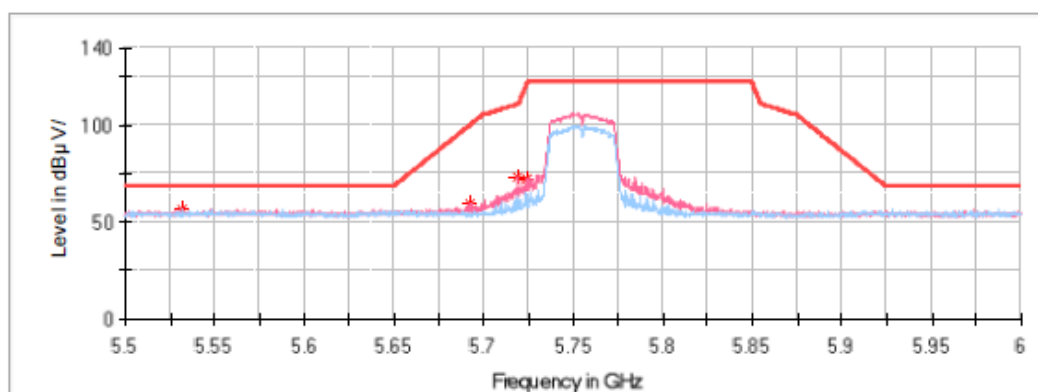
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5854.000000	62.54	---	113.08	50.54	V	7.9
5855.600000	63.08	---	110.63	47.56	V	7.9
5906.600000	56.73	---	81.82	25.08	V	7.9
5932.800000	56.85	---	68.20	11.35	V	7.9

802.11ac40 Mode:**Common Information**

Project No.:	RKSA250728002
EUT Model:	K1362
Test Mode:	5G WIFI 802.11ac40 mode Low Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	28.5℃
Humidity:	47%
Atmospheric Pressure:	100.5kPa
Test Engineer:	Destine Hu
Test Date:	2025/8/9

Full Spectrum

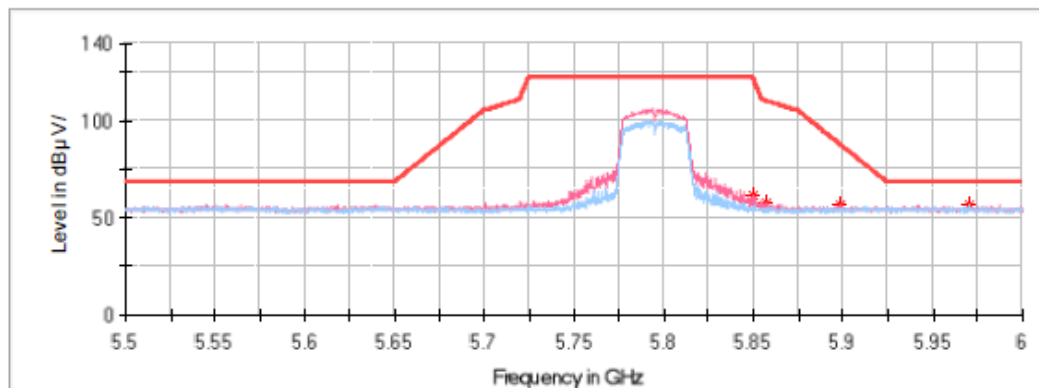
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5531.400000	57.23	---	68.20	10.97	H	7.8
5692.000000	59.63	---	99.28	39.65	H	7.8
5718.800000	73.70	---	110.46	36.76	V	7.8
5723.600000	72.92	---	119.01	46.09	V	7.8

Common Information

Project No.: RKSA250728002
EUT Model: K1362
Test Mode: 5G WIFI 802.11ac40 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 28.5℃
Humidity: 47%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Test Date: 2025/8/9

Full Spectrum



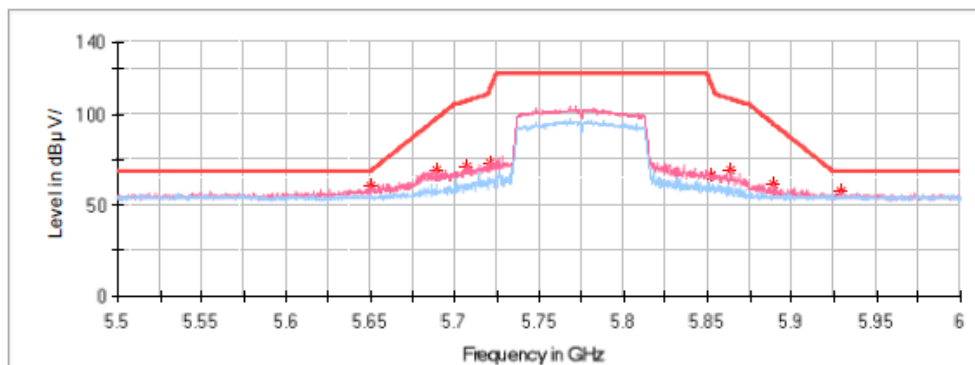
Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5850.400000	61.88	---	121.29	59.41	V	7.9
5857.800000	58.21	---	110.02	51.81	V	7.9
5899.000000	57.14	---	87.44	30.30	H	7.9
5970.600000	56.44	---	68.20	11.76	H	7.9

802.11ac80 Mode:**Common Information**

Project No.:	RKSA250728002
EUT Model:	K1362
Test Mode:	5G WIFI 802.11ac80
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	28.5℃
Humidity:	47%
Atmospheric Pressure:	100.5kPa
Test Engineer:	Destine Hu
Test Date:	2025/8/9

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)
5649.600000	60.45	---	68.20	7.75	V	7.8
5688.800000	69.91	---	96.91	27.00	V	7.8
5707.000000	71.24	---	107.16	35.92	V	7.8
5721.400000	73.78	---	113.99	40.21	V	7.8
5852.400000	66.63	---	116.73	50.10	H	7.9
5864.000000	69.42	---	108.28	38.86	H	7.9
5889.200000	61.86	---	94.69	32.83	V	7.9
5928.800000	58.19	---	68.20	10.01	V	7.9

EMISSION BANDWIDTH**Environmental Conditions & Test Information**

Test Date:	2025-08-29
Temperature:	25 °C
Relative Humidity:	53 %
ATM Pressure:	101.5 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	20.352	16.600
	Middle	5200	20.402	16.550
	High	5240	20.503	16.650
802.11 ac20	Low	5180	20.706	17.650
	Middle	5200	20.961	17.600
	High	5240	21.320	17.700
802.11 ac40	Low	5190	41.400	36.300
	High	5230	41.100	36.300
802.11 ac80	Middle	5210	82.200	75.200

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	21.113	16.600
	Middle	5300	20.553	16.600
	High	5320	20.452	16.600
802.11 ac20	Low	5260	21.779	17.600
	Middle	5300	20.752	17.700
	High	5320	20.752	17.650
802.11 ac40	Low	5270	41.200	36.300
	High	5310	41	36.200
802.11 ac80	Middle	5290	82	75.200

5725-5850MHz:

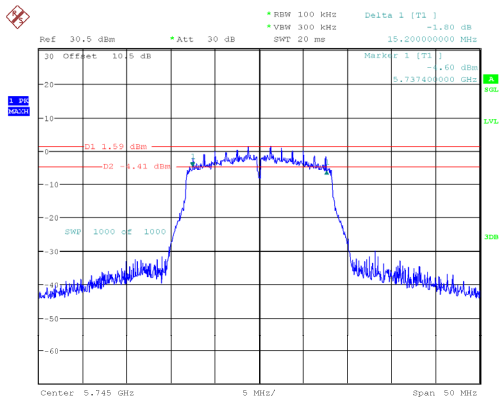
Test mode	Channel	Frequency (MHz)	99% Bandwidth (MHz)
802.11 a	Low	5745	16.600
	Middle	5785	16.600
	High	5825	16.550
802.11 ac20	Low	5745	17.600
	Middle	5785	17.600
	High	5825	17.650
802.11 ac40	Low	5755	36.200
	High	5795	36.200
802.11 ac80	Middle	5775	75.600

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	15.200	0.5
	Middle	5785	15.400	
	High	5825	15.200	
802.11 ac20	Low	5745	15.200	
	Middle	5785	15.200	
	High	5825	15.200	
802.11 ac40	Low	5755	35.400	
	High	5795	35.400	
802.11 ac80	Middle	5775	75.600	

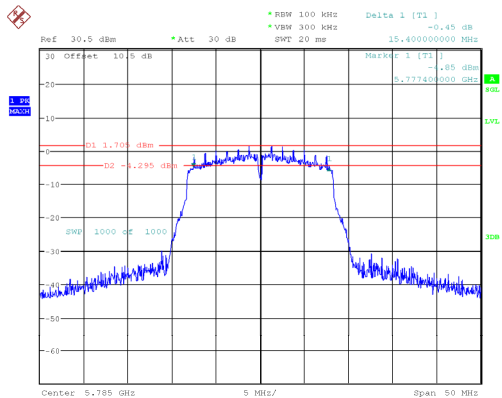
6dB Bandwidth
5725-5850 MHz Band

802.11a mode, 5745MHz



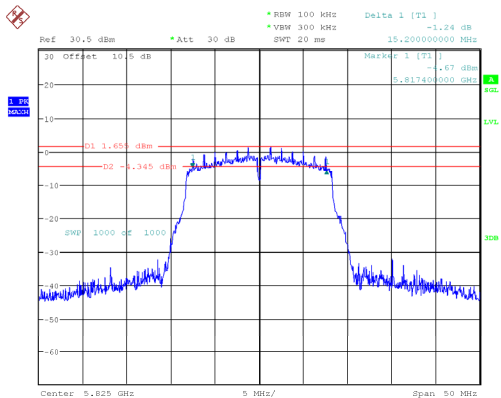
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:00:09

802.11a mode, 5785MHz



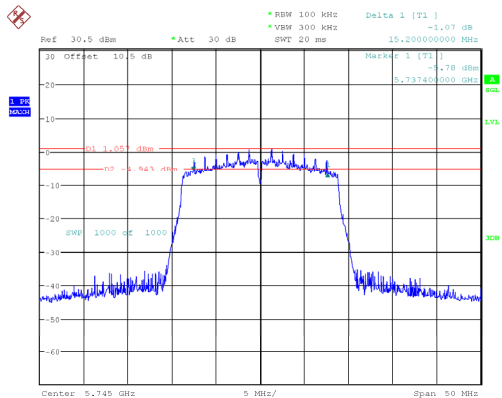
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:03:18

802.11a mode, 5825MHz



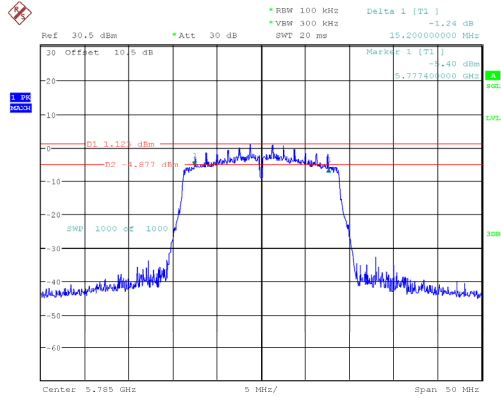
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:06:45

802.11ac20 mode, 5745MHz



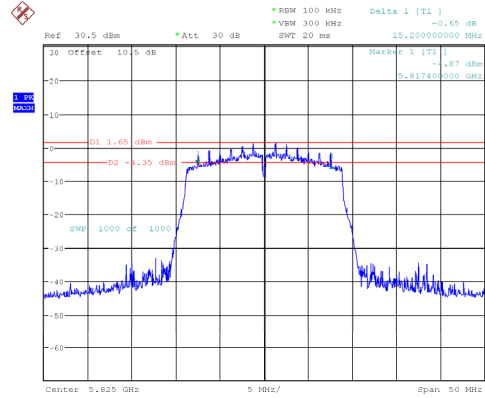
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:10:31

802.11 ac20 mode, 5785MHz



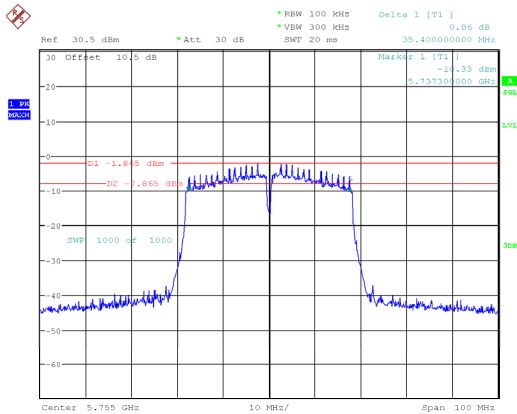
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:13:42

802.11 ac20 mode, 5825MHz



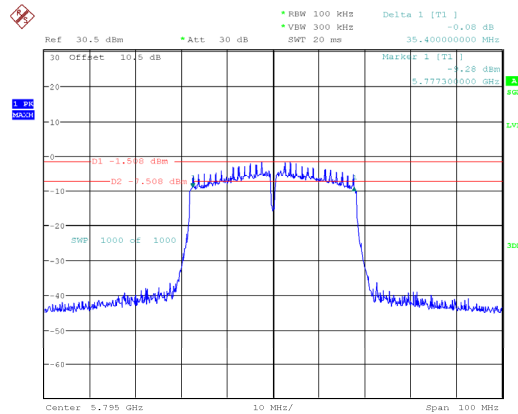
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:19:00

802.11ac40 mode, 5755MHz



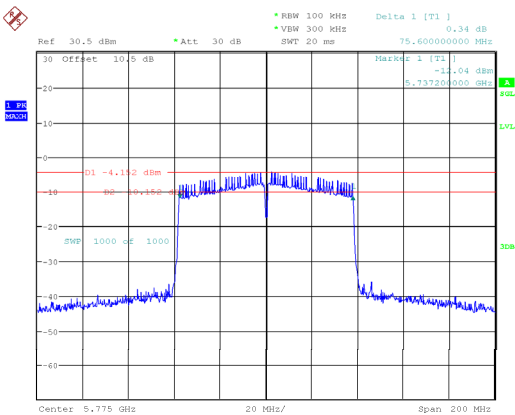
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:25:17

802.11 ac40 mode, 5795MHz



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:37:18

802.11ac80 mode, 5775MHz



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:45:21

802.11a mode, 5180MHz

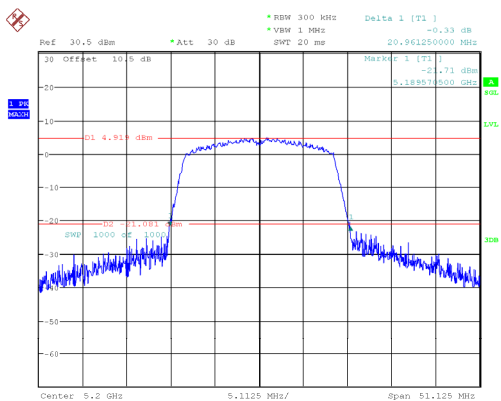


ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 13:56:28

ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:01:08

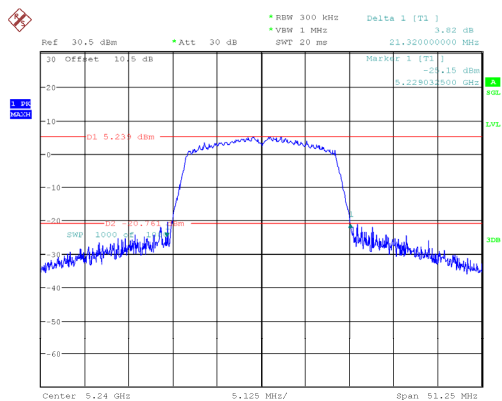
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:15:43

802.11 ac20 mode, 5200MHz



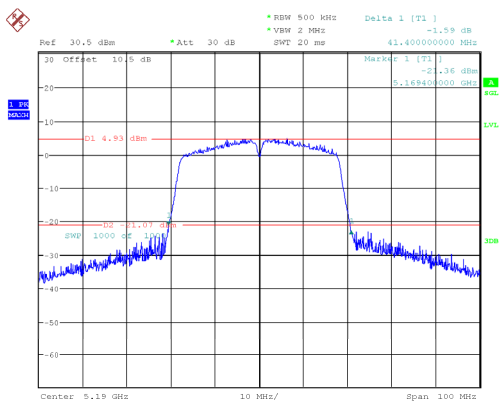
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:21:47

802.11 ac20 mode, 5240MHz



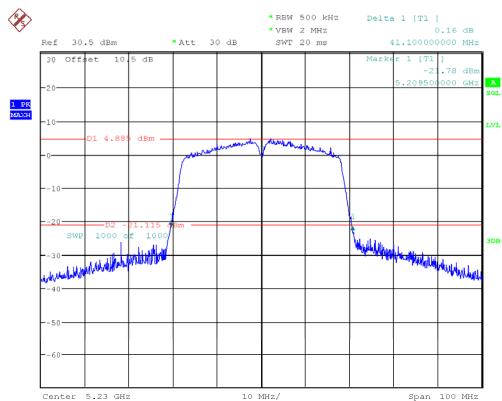
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:26:30

802.11ac40 mode, 5190MHz



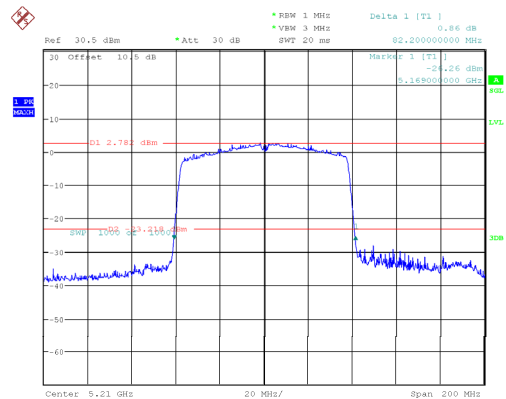
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:50:55

802.11 ac40 mode, 5230MHz



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:55:55

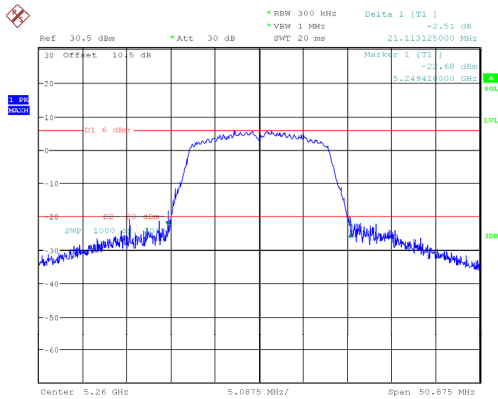
802.11ac80 mode, 5210MHz



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:01:11

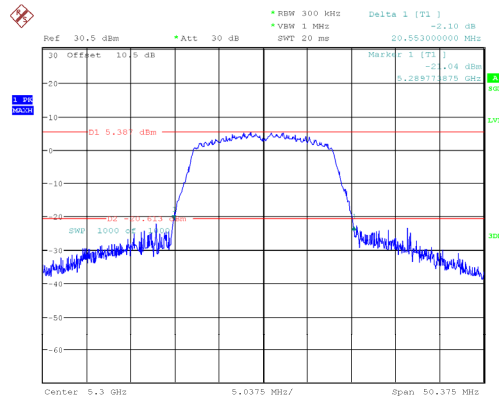
26 Bandwidth

5250-5350MHz Band:
802.11a mode, 5260MHz



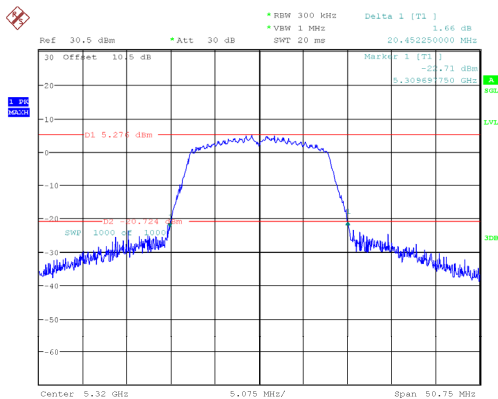
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:08:28

802.11a mode, 5300MHz



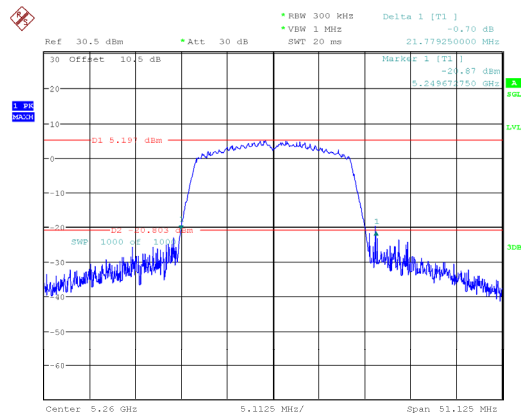
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:15:07

802.11a mode, 5320MHz



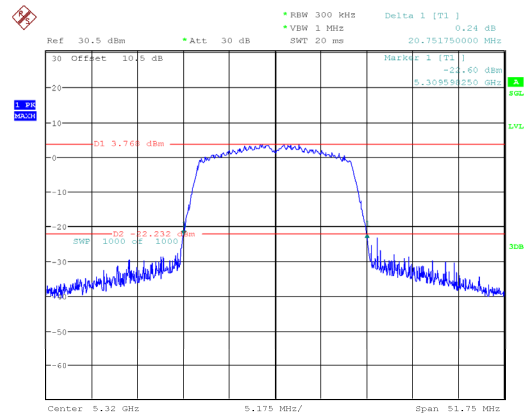
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:24:09

802.11ac20 mode, 5260MHz



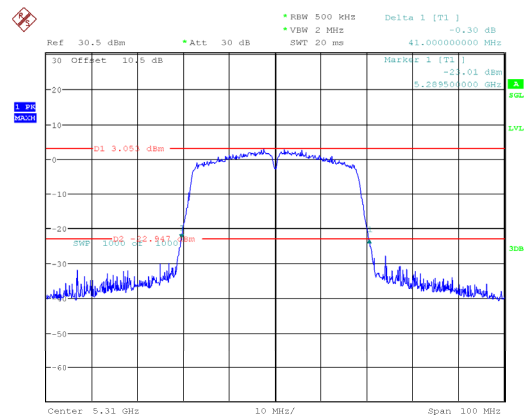
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:29:18

802.11 ac20 mode, 5320MHz



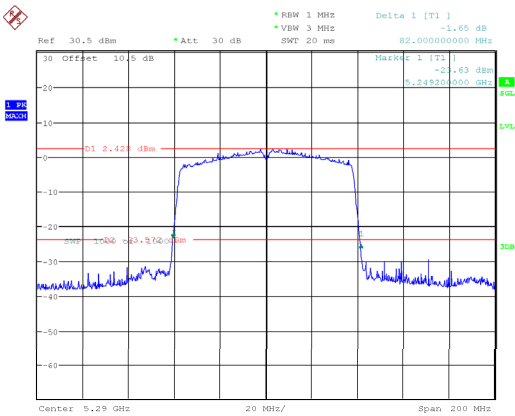
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:38:49

802.11 ac40 mode, 5310MHz



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:49:26

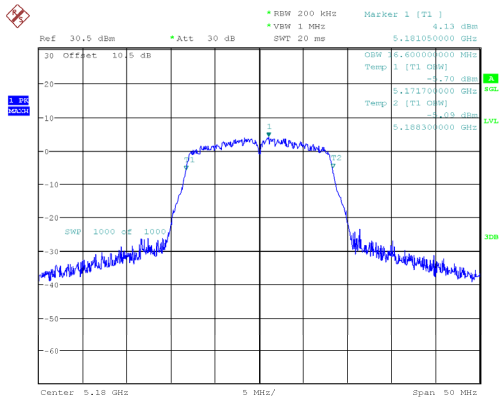
802.11ac80 mode, 5290MHz



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 18:55:06

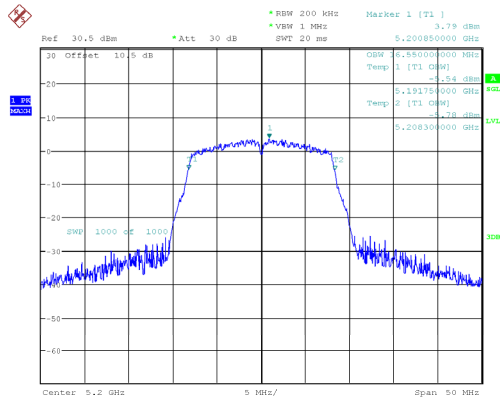
99% Occupied Bandwidth

5150-5250 MHz Band:
802.11a mode, 5180MHz



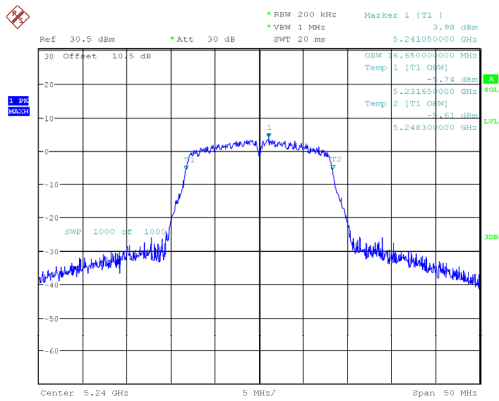
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 13:53:28

802.11a mode, 5200MHz



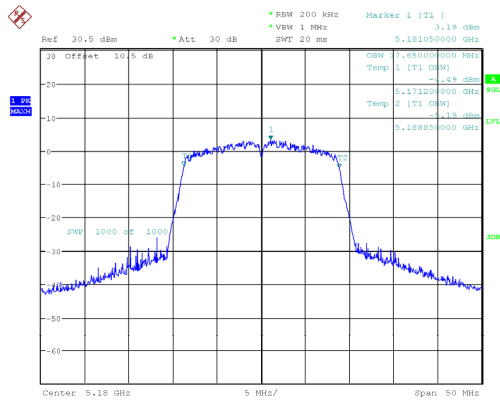
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 13:57:38

802.11a mode, 5240MHz



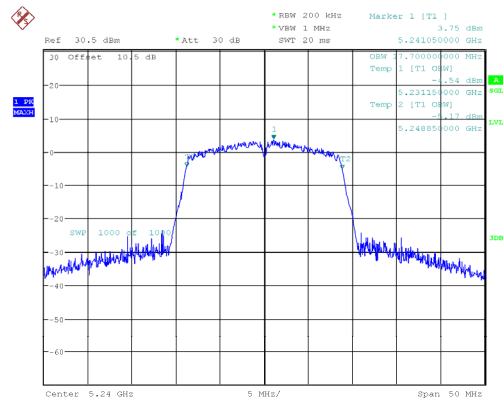
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:02:12

802.11ac20 mode, 5180MHz



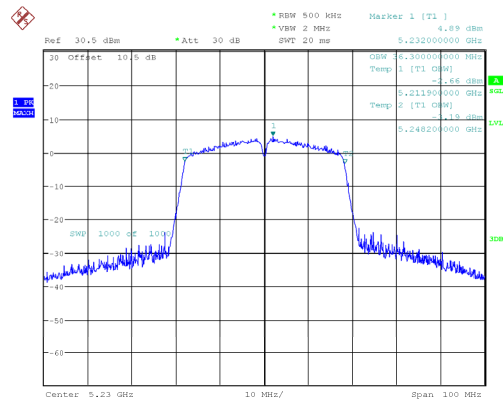
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:16:42

802.11 ac20 mode, 5240MHz



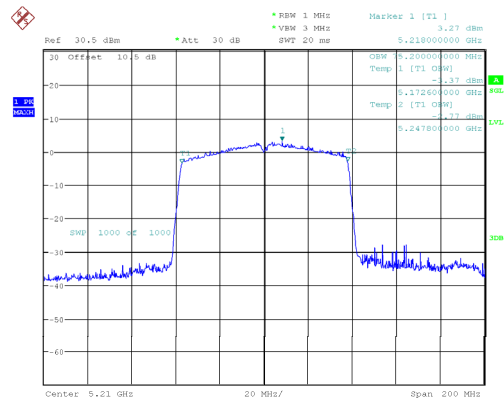
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:27:34

802.11 ac40 mode, 5230MHz



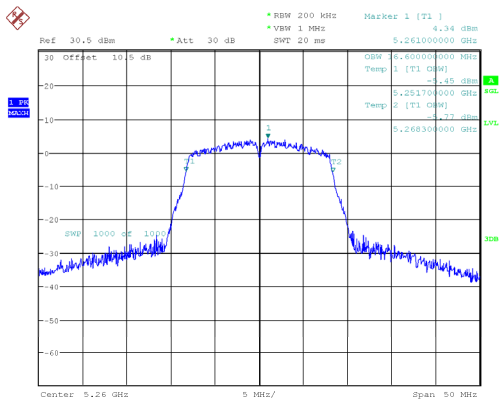
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:57:44

802.11ac80 mode, 5210MHz



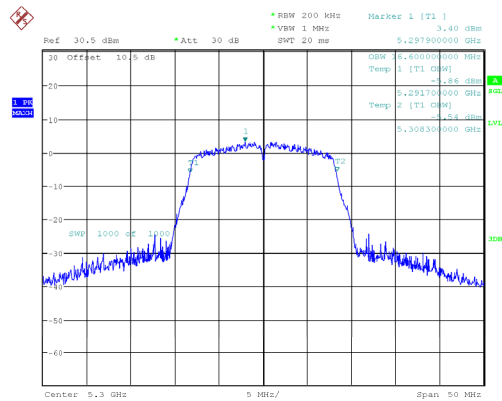
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:02:55

5250-5350MHz Band:
802.11a mode, 5260MHz



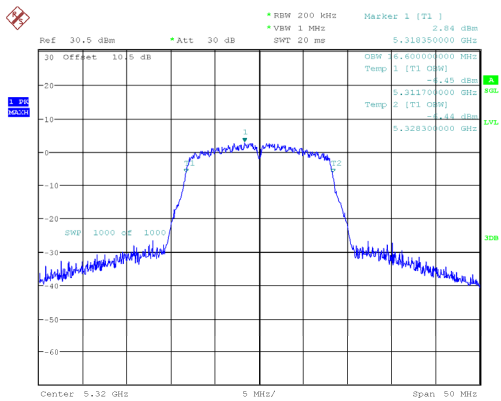
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:09:28

802.11a mode, 5300MHz



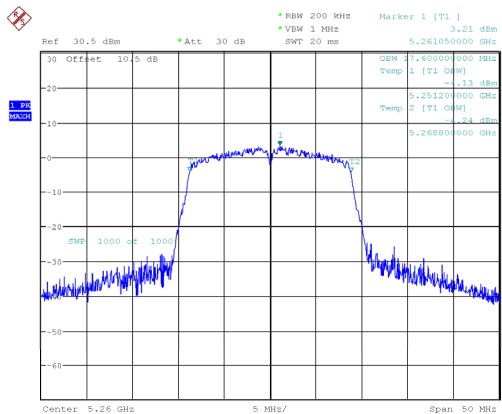
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:16:17

802.11a mode, 5320MHz



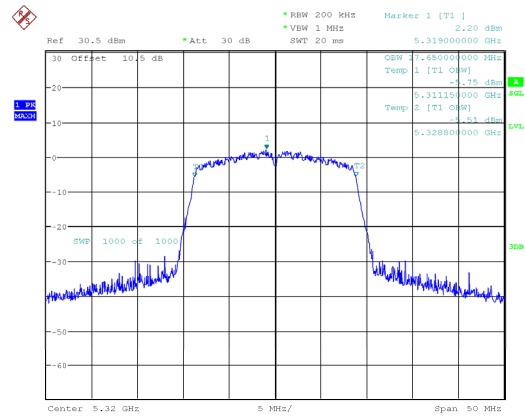
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:25:08

802.11ac20 mode, 5260MHz



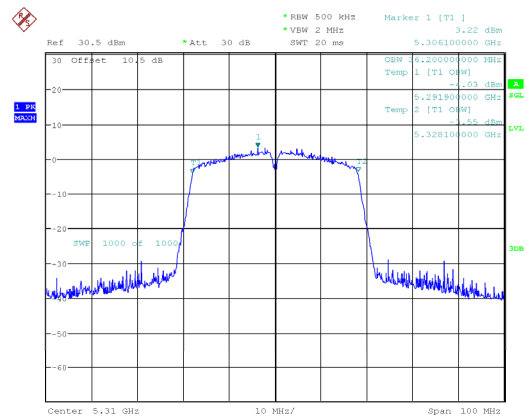
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:30:17

802.11 ac20 mode, 5320MHz



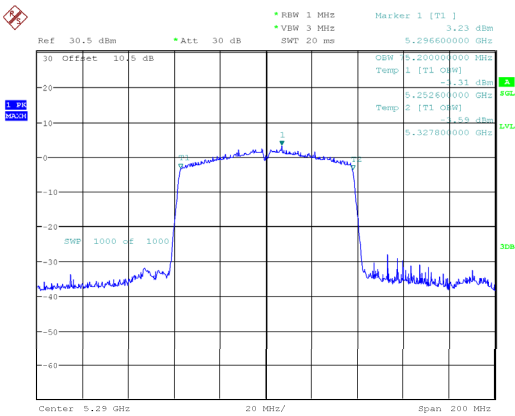
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:39:49

802.11 ac40 mode, 5310MHz



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:51:06

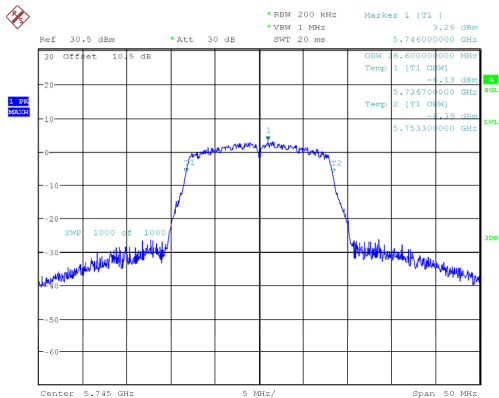
802.11ac80 mode, 5290MHz



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 18:56:47

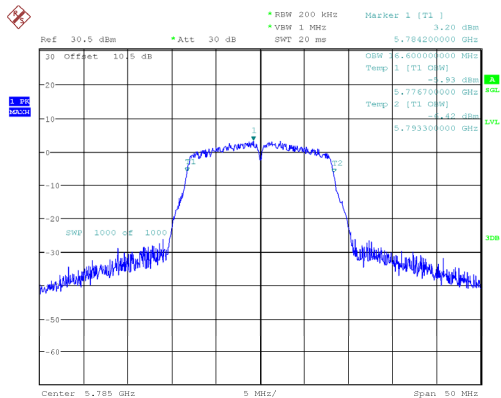
5725-5850 MHz Band

802.11a mode, 5745MHz



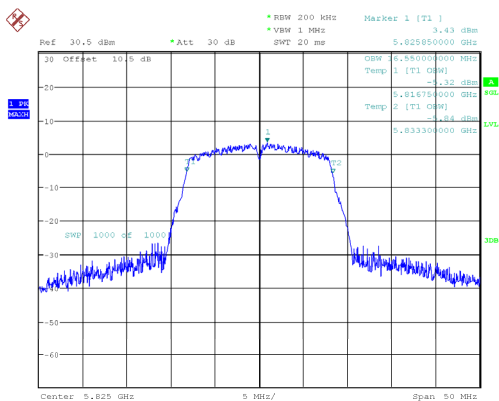
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:01:10

802.11a mode, 5785MHz



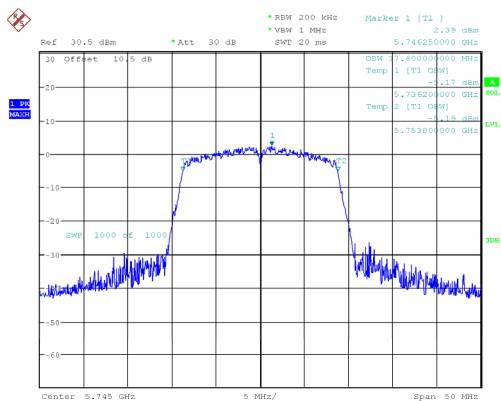
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:04:19

802.11a mode, 5825MHz



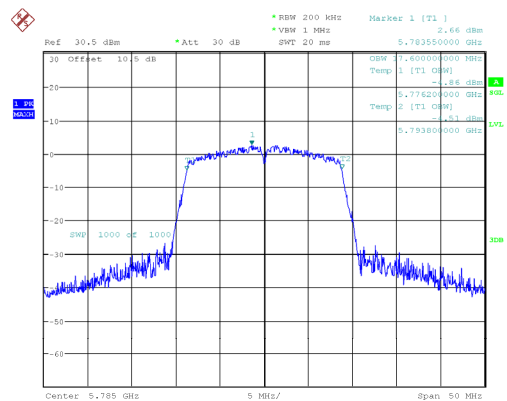
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:07:44

802.11ac20 mode, 5745MHz



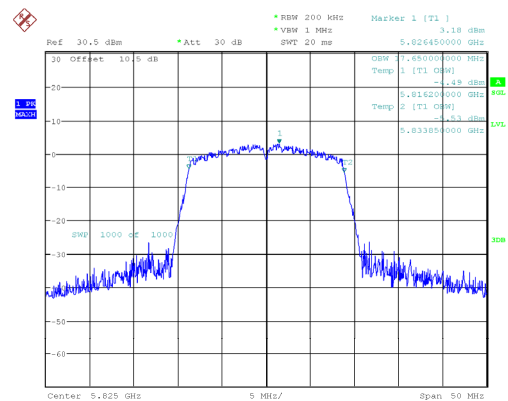
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:11:31

802.11 ac20 mode, 5785MHz



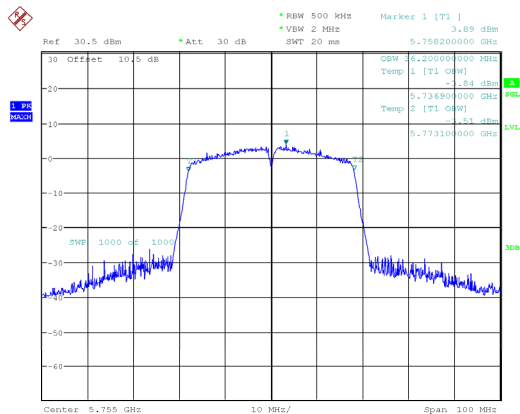
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:14:43

802.11 ac20 mode, 5825MHz



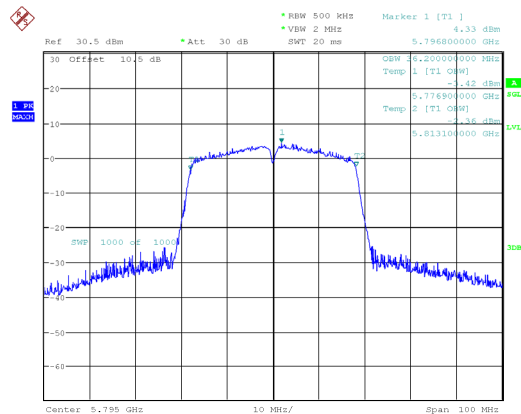
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:20:03

802.11ac40 mode, 5755MHz



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:28:04

802.11 ac40 mode, 5795MHz



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:39:10

Ref 30.5 dBm Att 30 dB SMT 20 ms 5.768000000 GHz

Marker 1 [T1] 5.14 dBm

RBW 1 MHz VBR 3 MHz

SWP 5.600000000 MHz Temp 1 [T1 0MHz] -1.10 dBm

5.737200000 GHz Temp 2 [T1 0MHz] -1.84 dBm

5.812800000 GHz

Center 5.775 GHz 20 MHz/ Span 200 MHz

Page 103 of 119

CONDUCTED TRANSMITTER OUTPUT POWER**Environmental Conditions & Test Information**

Test Date:	2025-08-29
Temperature:	25 °C
Relative Humidity:	53 %
ATM Pressure:	101.5 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Mode: Transmitting

Band	Mode	Channel	Frequency (MHz)	Conducted Average Power (dBm)	Limit (dBm)
5150-5250 MHz	802.11 a	Low	5180	12.67	24
		Middle	5200	12.28	
		High	5240	12.07	
	802.11 ac20	Low	5180	11.91	
		Middle	5200	11.98	
		High	5240	12.23	
	802.11 ac40	Low	5190	12.45	
		High	5230	11.89	
	802.11 ac80	Middle	5210	9.79	

Band	Mode	Channel	Frequency (MHz)	Conducted Average Power (dBm)	Limit (dBm)
5250-5350MHz	802.11 a	Low	5260	12.53	24
		Middle	5300	11.89	
		High	5320	11.49	
	802.11 ac20	Low	5260	11.92	
		Middle	5300	11.77	
		High	5320	10.7	
	802.11 ac40	Low	5270	12.41	
		High	5310	10.21	
	802.11 ac80	Middle	5290	9.24	

Band	Mode	Channel	Frequency (MHz)	Conducted Average Power (dBm)	Limit (dBm)
5725-5850 MHz	802.11 a	Low	5745	11.96	30
		Middle	5785	11.72	
		High	5825	12.07	
	802.11 ac20	Low	5745	11.25	
		Middle	5785	11.62	
		High	5825	11.9	
	802.11 ac40	Low	5755	11.88	
		High	5795	11.62	
	802.11 ac80	Middle	5775	12.08	

POWER SPECTRAL DENSITY**Environmental Conditions & Test Information**

Test Date:	2025-08-29
Temperature:	25 °C
Relative Humidity:	53 %
ATM Pressure:	101.5 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Mode: Transmitting

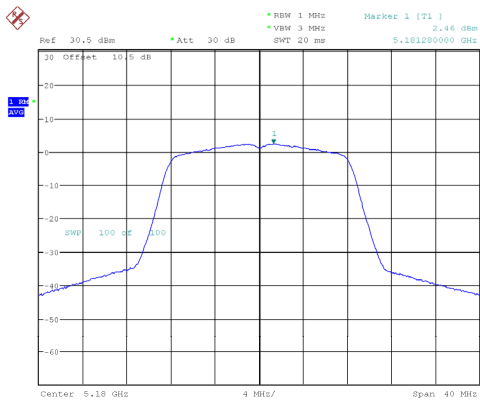
Band	Mode	Channel	Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)
5150-5250 MHz	802.11 a	Low	5180	2.46	0.14	2.60	11
		Middle	5200	2.02	0.14	2.16	
		High	5240	2.03	0.14	2.17	
	802.11 ac20	Low	5180	1.63	0.15	1.78	
		Middle	5200	1.63	0.15	1.78	
		High	5240	1.86	0.15	2.01	
	802.11 ac40	Low	5190	-0.91	0.32	-0.59	
		High	5230	-1.34	0.32	-1.02	
	802.11 ac80	Middle	5210	-6.92	0.58	-6.34	

Band	Mode	Channel	Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)
5250-5350MHz	802.11 a	Low	5260	2.35	0.14	2.49	11
		Middle	5300	1.62	0.14	1.76	
		High	5320	1.29	0.14	1.43	
	802.11 ac20	Low	5260	1.59	0.15	1.74	
		Middle	5300	1.39	0.15	1.54	
		High	5320	0.33	0.15	0.48	
	802.11 ac40	Low	5270	-1.05	0.34	-0.71	
		High	5310	-3.70	0.34	-3.36	
	802.11 ac80	Middle	5290	-7.47	0.61	-6.86	

Band	Mode	Channel	Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor (dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)
5725-5850 MHz	802.11 a	Low	5745	-1.23	0.14	-1.09	30
		Middle	5785	-1.57	0.14	-1.43	
		High	5825	-1.15	0.14	-1.01	
	802.11 ac20	Low	5745	-2.19	0.15	-2.04	
		Middle	5785	-1.84	0.15	-1.69	
		High	5825	-1.49	0.15	-1.34	
	802.11 ac40	Low	5755	-4.55	0.32	-4.23	
		High	5795	-4.94	0.32	-4.62	
	802.11 ac80	Middle	5775	-7.76	0.61	-7.15	

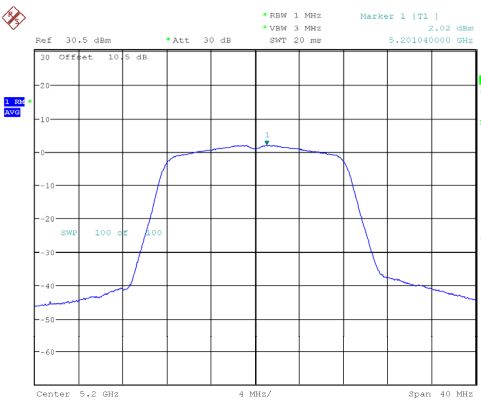
Note: Result=Reading+ Duty Cycle Factor

5150MHz-5250 MHz Band:
802.11a mode, Power spectral density-5180MHz



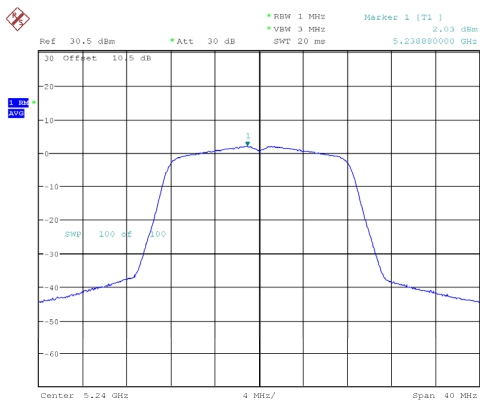
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 13:53:56

802.11a mode, Power spectral density-5200MHz



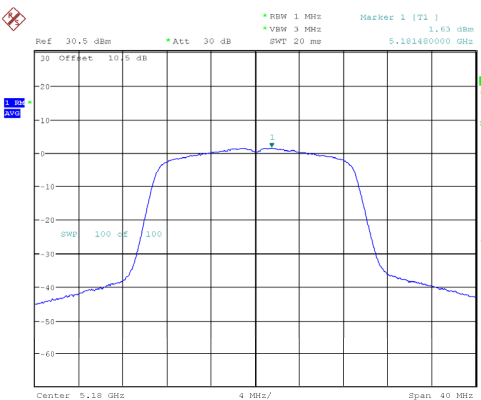
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 13:58:08

802.11a mode, Power spectral density-5240MHz



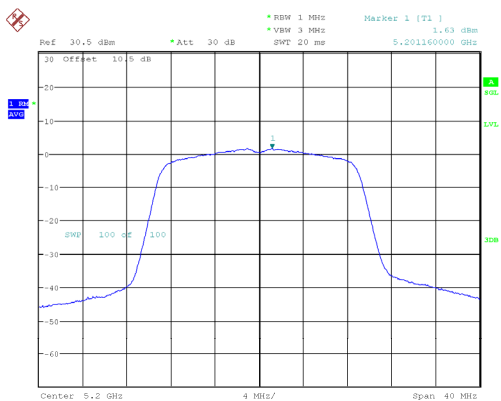
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:02:40

802.11ac20 mode, Power spectral density-5180MHz



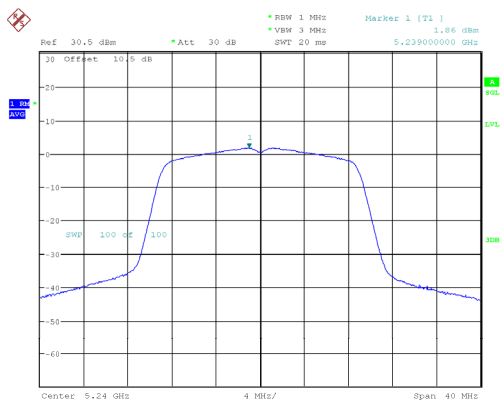
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:17:10

802.11 ac20 mode, Power spectral density-5200MHz



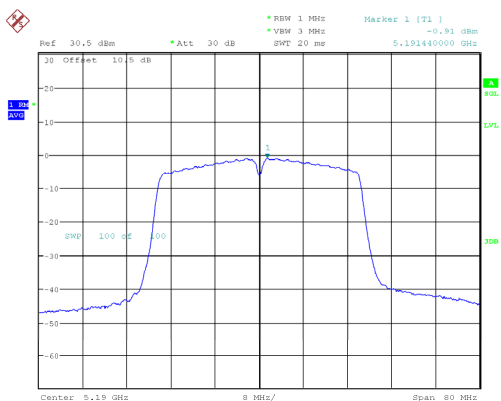
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:23:14

802.11 ac20 mode, Power spectral density-5240MHz



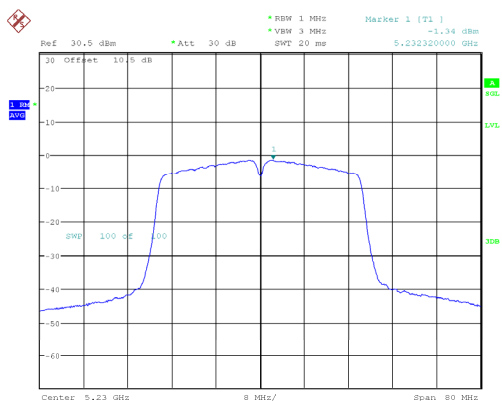
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:28:03

802.11ac40 mode, Power spectral density-5190MHz



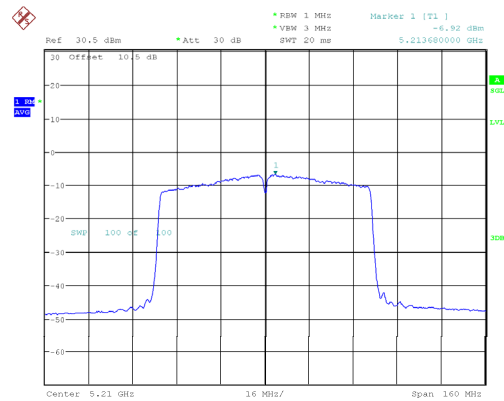
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:53:09

802.11 ac40 mode, Power spectral density-5230MHz



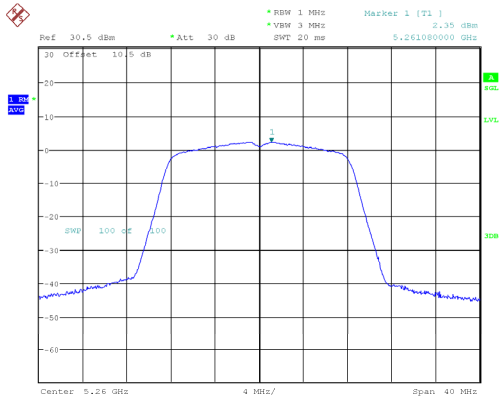
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 14:58:14

802.11 ac80 mode, Power spectral density-5210MHz



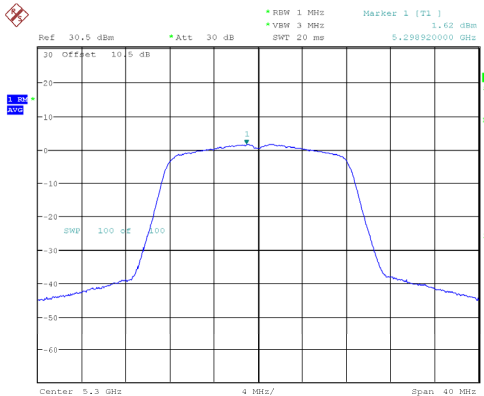
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:03:33

5250-5350MHz Band:
802.11a mode, Power spectral density-5260MHz



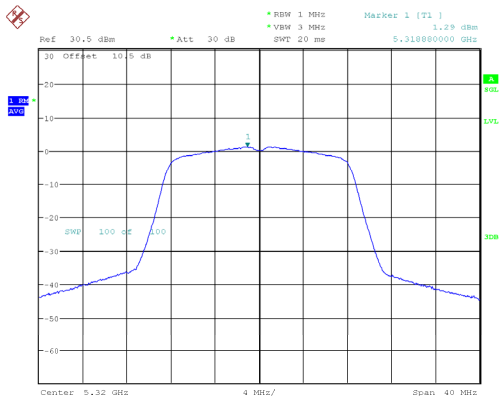
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:09:56

802.11a mode, Power spectral density-5300MHz



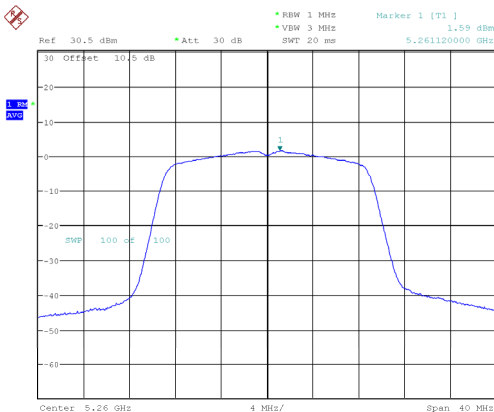
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:16:46

802.11a mode, Power spectral density-5320MHz



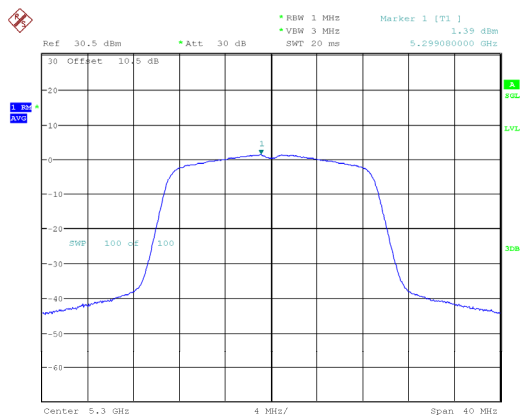
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:25:36

802.11ac20 mode, Power spectral density-5260MHz



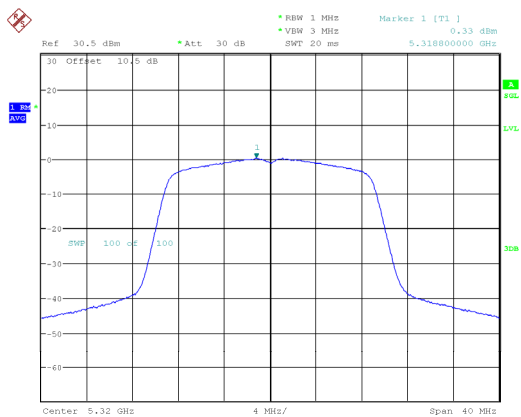
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:30:45

802.11 ac20 mode, Power spectral density-5300MHz



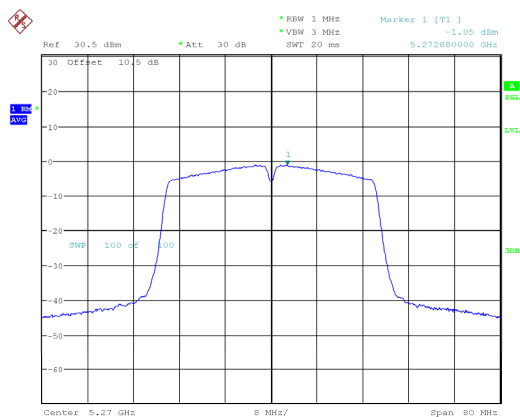
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:34:41

802.11 ac20 mode, Power spectral density-5320MHz



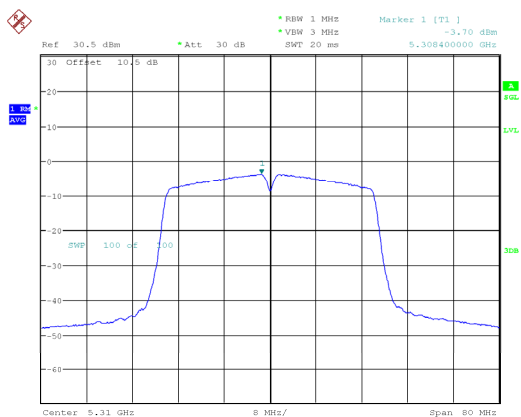
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:40:17

802.11ac40 mode, Power spectral density-5270MHz



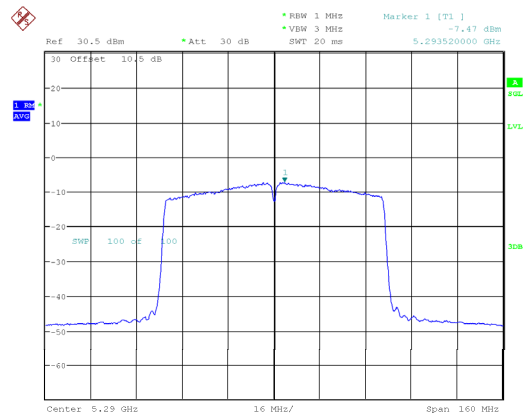
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:46:01

802.11 ac40 mode, Power spectral density-5310MHz



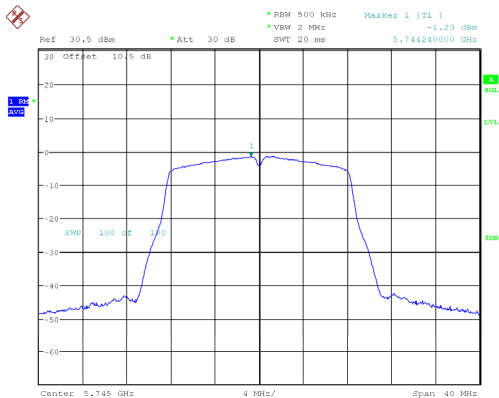
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 15:51:35

802.11 ac80 mode, Power spectral density-5290MHz



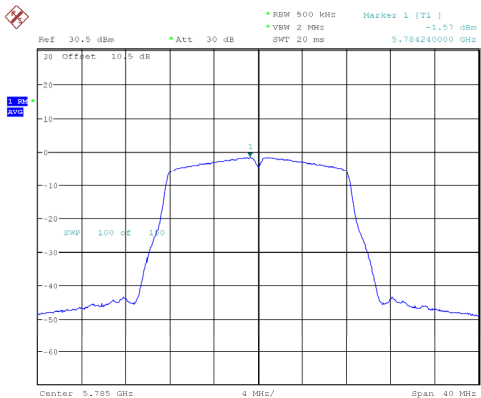
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 18:57:22

5725MHz-5850 MHz Band:
802.11a mode, Power spectral density-5745MHz



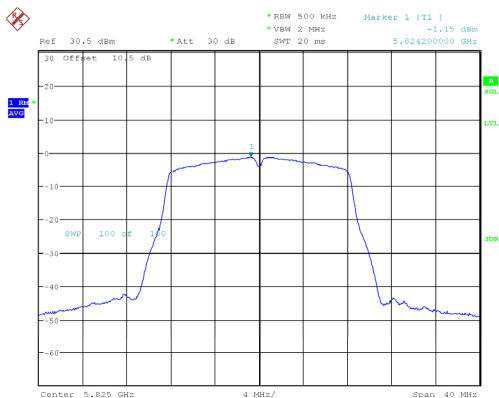
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:01:41

802.11a mode, Power spectral density-5785MHz



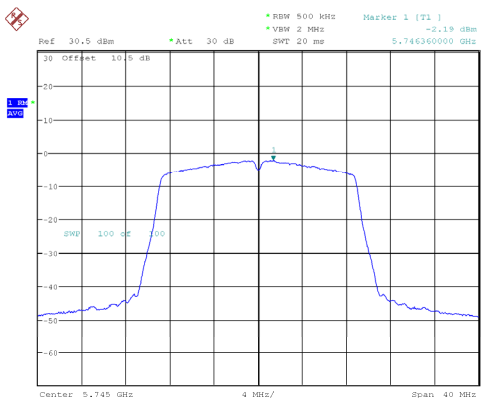
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:04:50

802.11a mode, Power spectral density-5825MHz



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:08:13

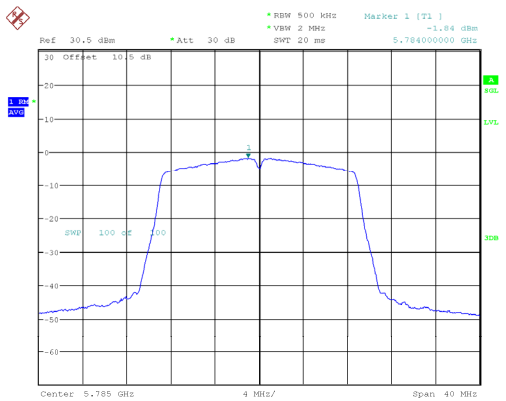
802.11ac20 mode, Power spectral density-5745MHz



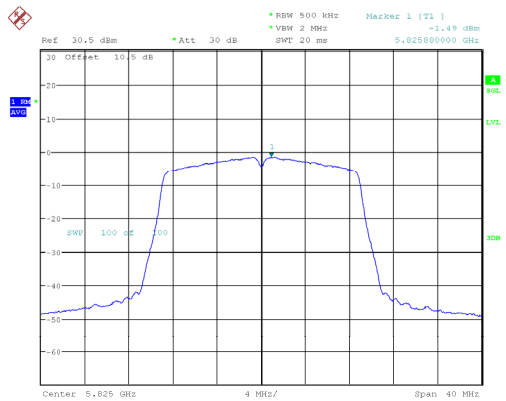
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:12:02

802.11 ac20 mode, Power spectral density-5785MHz

802.11 ac20 mode, Power spectral density-5825MHz



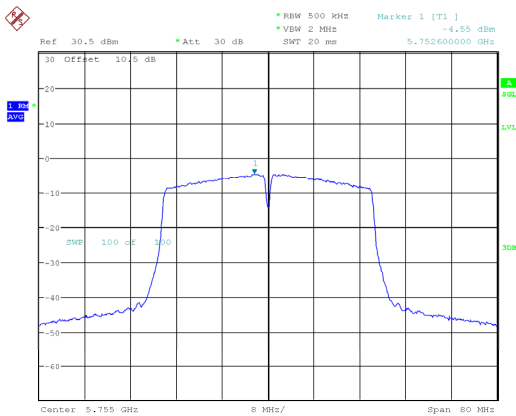
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:15:14



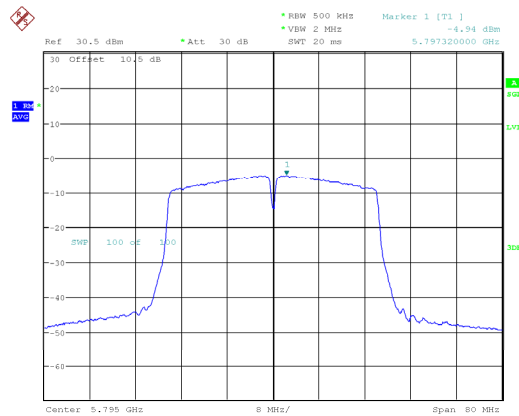
ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:20:32

802.11ac40 mode, Power spectral density-5755MHz

802.11 ac40 mode, Power spectral density-5795MHz

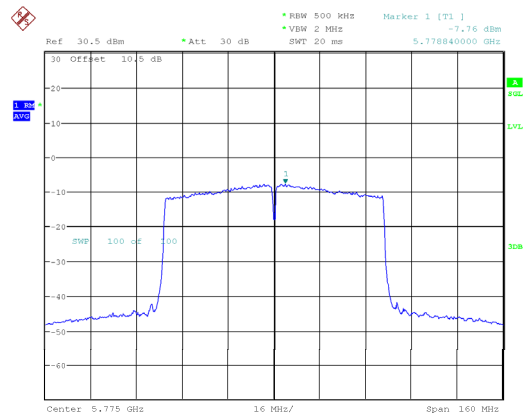


ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:55:40



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:39:40

802.11 ac80 mode, Power spectral density-5775MHz



ProjectNo.:RKSA250728002 Tester:Neil Zhou
Date: 29.AUG.2025 16:58:34

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.

Declarations

1. The laboratory is not responsible for the authenticity of any information provided by the applicant. Information from the applicant that may affect test results is marked with “★”.
2. The test data was only valid for the test sample(s).
3. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
4. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
5. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor $k=2$ with the 95.45% confidence interval.

*******END OF REPORT*******