

FCC PART 15.247

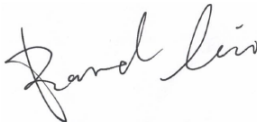
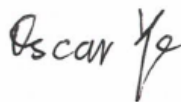
TEST REPORT

For

Anhui Hangke Optoelectronics Co., Ltd.

Optoelectric Park, Tongcheng Economic Development Zone, Anqing, Anhui, China

FCC ID: 2A2Z6-HKAUG240924

Report Type: Original Report	Product Name: MAGI LUX BLUETOOTH SPEAKER
Report Number: RKS240819001-00B	
Report Date: 2024-10-12	
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Note: This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Kunshan). This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, or any agency of the U.S.Government.

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REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	RKSB240819001-00B	R1V1	2024-10-12	Initial Release

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Applicant:	Anhui Hangke Optoelectronics Co., Ltd.
Tested Model:	AGSPKGY2201
Product Name:	MAGI LUX BLUETOOTH SPEAKER
Power Supply:	DC 5 V from USB port or DC 3.7V from battery
RF Function:	BLE 1Mbps, BLE 2Mbps
Operating Band/Frequency:	2402-2480MHz
Maximum Output Power:	BLE (1 Mbps): -2.89 dBm BLE (2 Mbps): -3.01dBm
Channel Number:	40
Channel Separation:	2 MHz
Modulation Type	GFSK
Antenna Type:	PCB Antenna
★Maximum Antenna Gain:	-0.58 dBi

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

All measurement and tested data in this report was gathered from production sample serial number: RKS240819001-1 (Assigned by BACL (Kunshan). The EUT supplied by the applicant was received on 2024-08-19.)

Objective

This report is prepared for *Anhui Hangke Optoelectronics Co., Ltd.* in accordance with Part 2-Subpart J, Part 15-Subparts A and C of the Federal Communications Commission rules.

The tests were performed in order to determine Compliant with FCC Part 15, Subpart C, and section 15.203, 15.205, 15.207, 15.209 and 15.247 rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2013, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices and FCC KDB 558074 D01 15.247 Meas Guidance v05r02.

All emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Kunshan). The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Measurement Uncertainty

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

Channel List for BLE mode:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	14	2430	28	2458
1	2404	15	2432	29	2460
2	2406	16	2434	30	2462
3	2408	17	2436	31	2464
4	2410	18	2438	32	2466
5	2412	19	2440	33	2468
6	2414	20	2442	34	2470
7	2416	21	2444	35	2472
8	2418	22	2446	36	2474
9	2420	23	2448	37	2476
10	2422	24	2450	38	2478
11	2424	25	2452	39	2480
12	2426	26	2454	/	/
13	2428	27	2456	/	/

EUT was tested with channel 0, 19 and 39.

EUT Exercise Software

RF Test Tool: FCC Assist 1.0.2.2

★Power level: 10

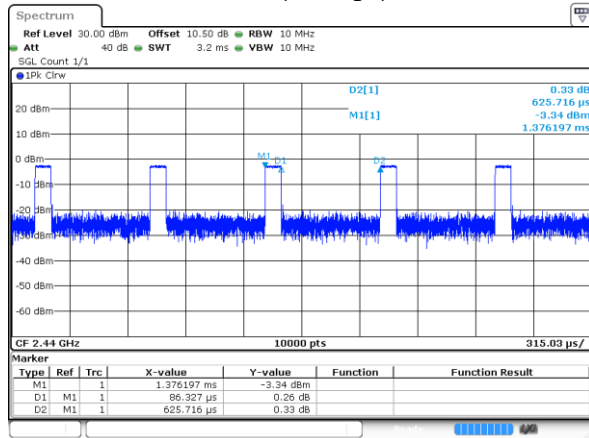
Note: The power level was declared by the applicant.

Special Accessories

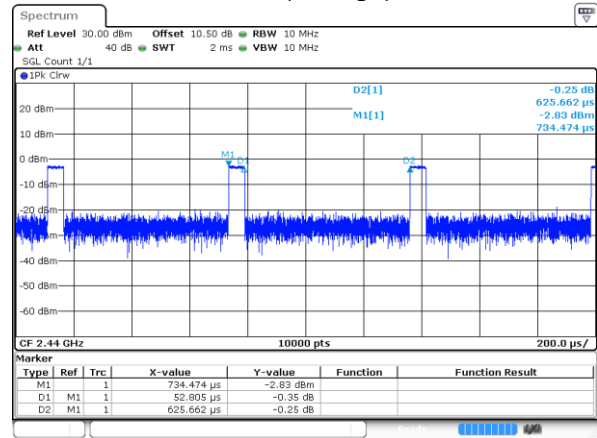
No special accessory.

Equipment Modifications

No modification was made to the EUT tested.

Duty Cycle:**BLE (1 Mbps)**

ProjectNo: RKSB240819001 Tester: Jason Lu
Date: 23.SEP.2024 09:15:25

BLE (2 Mbps)

ProjectNo: RKSB240819001 Tester: Jason Lu
Date: 23.SEP.2024 09:28:43

Mode	Duty Cycle (%)	T _{on} (ms)	T _{on+off} (ms)	10log(1/x)
BLE (1 Mbps)	13.74	0.086	0.626	8.62
BLE (2 Mbps)	8.47	0.053	0.626	10.72

Note: “x” means the Duty Cycle.

Support Equipment List and Details

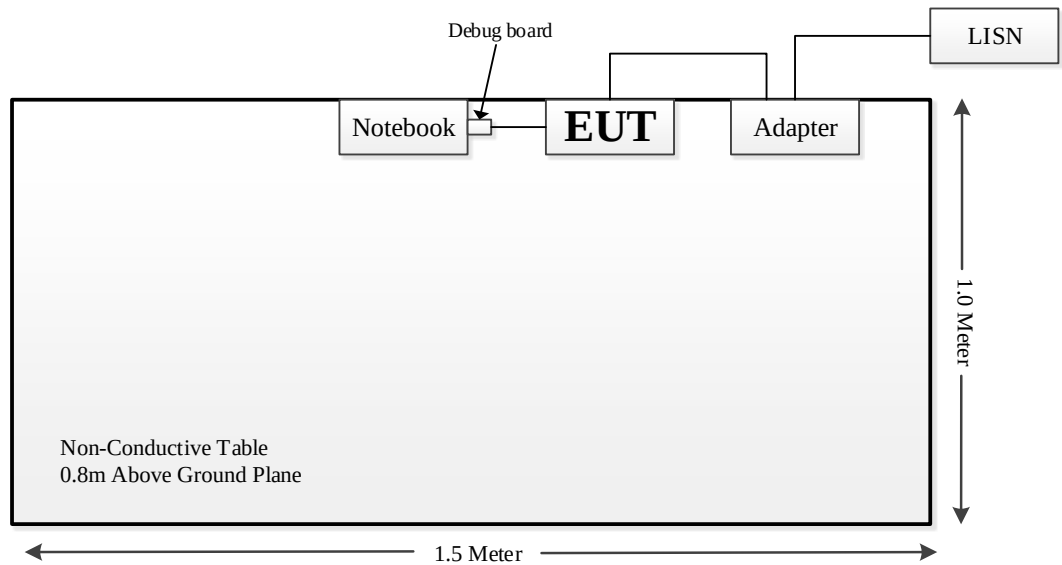
Manufacturer	Description	Model	Serial Number
Power on Tools Co.,Ltd.	Adapter	DA-00051000UL001	Unknown
Lenovo	Notebook	Y700P	PF2B7PL5
Unknown	Debug board	Unknown	Unknown

External I/O Cable

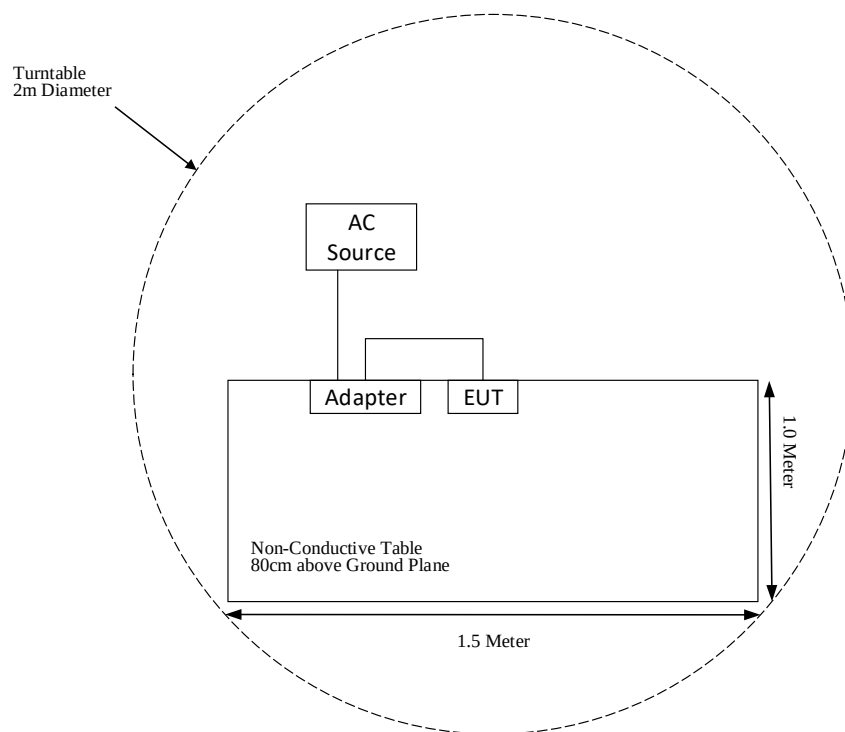
Cable Description	Length (m)	From Port	To
Power Cable 1	1.0	AC Source/LISN	Adapter
Power Cable 2	1.5	Adapter	EUT
USB Cable	0.1	EUT	Debug board

Block Diagram of Test Setup

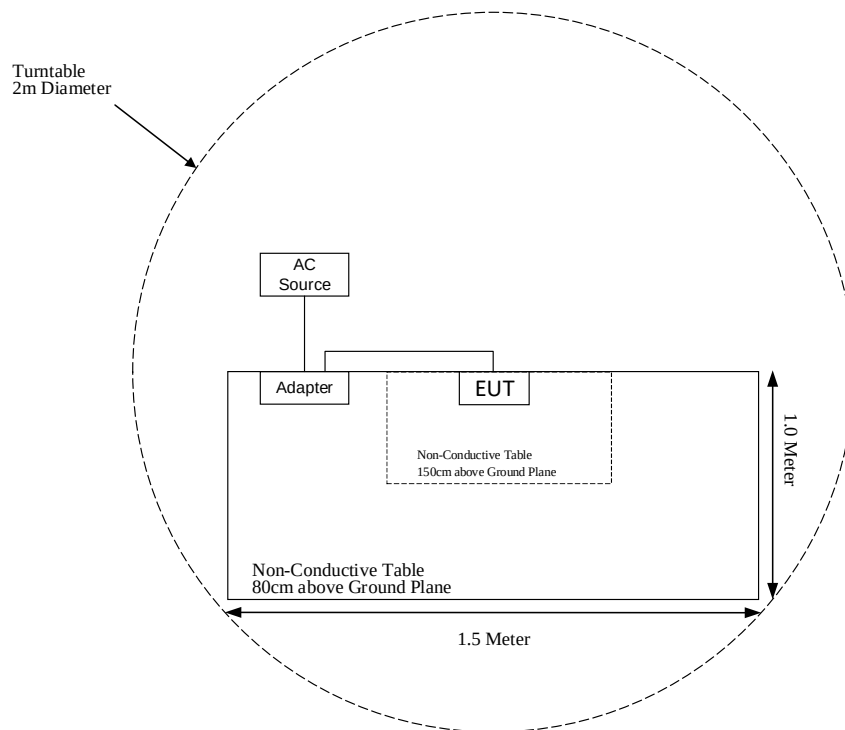
For Conducted Emissions:



For Radiated Emissions(Below 1GHz):



For Radiated Emissions(Above 1GHz):



TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Radiated Emission Test (Chamber #1)					
Rohde & Schwarz	EMI Test Receiver	ESCI	100195	2024-04-23	2025-04-22
Sunol Sciences	Broadband Antenna	JB3	A090314-1	2023-11-11	2024-11-10
ETS-LINDGREN	Loop Antenna	6512	108100	2023-11-09	2024-11-08
Narda	6 dB Attenuator	773-6	10690812-2-1	2023-11-11	2024-11-10
Sonoma Instrument	Pre-amplifier	310N	171205	2024-04-23	2025-04-22
Rohde & Schwarz	Auto Test Software	EMC32	100361	N/A	N/A
MICRO-COAX	Coaxial Cable	Cable-8	008	2024-04-23	2025-04-22
MICRO-COAX	Coaxial Cable	Cable-9	009	2024-04-23	2025-04-22
MICRO-COAX	Coaxial Cable	Cable-10	010	2024-04-23	2025-04-22
Radiated Emission Test (Chamber #2)					
Rohde & Schwarz	EMI Test Receiver	ESU40	100207/040	2024-04-25	2025-04-24
ETS-LINDGREN	Horn Antenna	3115	9311-4159	2023-12-02	2024-12-01
ETS-LINDGREN	Horn Antenna	3116	2516	2023-12-08	2024-12-07
A.H.Systems,inc	Amplifier	PAM-0118P	512	2024-04-25	2025-04-24
MICRO-TRONICS	Band Reject Filter	BRM50702	G024	2024-04-23	2025-04-22
Narda	Attenuator	10dB	010	2024-04-23	2025-04-22
SELECTOR	Amplifier	EM18G40G	60726	2024-04-25	2025-04-24
Rohde & Schwarz	Auto test Software	EMC32	100361	N/A	N/A
MICRO-COAX	Coaxial Cable	Cable-6	006	2024-04-23	2025-04-22
MICRO-COAX	Coaxial Cable	Cable-11	011	2024-04-25	2025-04-24
MICRO-COAX	Coaxial Cable	Cable-12	012	2024-04-25	2025-04-24
MICRO-COAX	Coaxial Cable	Cable-13	013	2024-04-25	2025-04-24
RF Conducted Test					
Rohde & Schwarz	Signal Analyzer	FSV40	101116	2024-04-24	2025-04-23
Narda	Attenuator	10dB	010	2024-04-23	2025-04-22
XHFDZ	RG178 Coaxial Cable	SMA-178	XHF-1102	Each time	N/A
Conducted Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESR	101746	2024-04-23	2025-04-22
Rohde & Schwarz	LISN	ENV216	101115	2024-04-23	2025-04-22
Audix	Test Software	e3	V9	N/A	N/A
Rohde & Schwarz	Pulse Limiter	ESH3-Z2	0357.8810.54	2024-04-23	2025-04-22
MICRO-COAX	Coaxial Cable	Cable-15	015	2024-04-23	2025-04-22

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

SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§1.1310 & §2.1093	RF EXPOSURE	Compliant
§15.203	Antenna Requirement	Compliant
§15.207 (a)	AC Line Conducted Emissions	Compliant
§15.205, §15.209, §15.247(d)	Spurious Emissions	Compliant
§15.247 (a)(2)	6 dB Emission Bandwidth	Compliant
§15.247(b)(3)	Maximum Conducted Output Power	Compliant
§15.247(d)	Band Edge	Compliant
§15.247(e)	Power Spectral Density	Compliant

FCC §1.1310 & §2.1093 –RF EXPOSURE

Applicable Standard

According to §2.1093 and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

According to KDB 447498 D01 General RF Exposure Guidance

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]$
 ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

1. $f(\text{GHz})$ is the RF channel transmit frequency in GHz.
2. Power and distance are rounded to the nearest mW and mm before calculation.
3. The result is rounded to one decimal place for comparison.
4. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test Exclusion.

Calculated Data:

Mode	Frequency Range (MHz)	Max Tune-up Conducted Power		Calculated Distance (mm)	Calculated Value	Threshold (1-g SAR)	SAR Test Exclusion
		(dBm)	(mW)				
BLE	2402~2480	-2.5	0.56	5.0	0.18	3.0	Yes
Classic BT	2402~2480	-0.5	0.89	5.0	0.28	3.0	Yes

Note:

1. For the above tune up power were declared by the manufacturer.

Result: No SAR test is required.

FCC §15.203 – ANTENNA REQUIREMENT

Applicable Standard

According to FCC § 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 use of a standard antenna jack or electrical connector is prohibited.

Antenna Connector Construction

The EUT has a PCB antenna for BLE, and the antenna gain is -0.58 dBi, which is permanently attached to the unit, fulfill the requirement of this section. Please refer to the EUT photos.

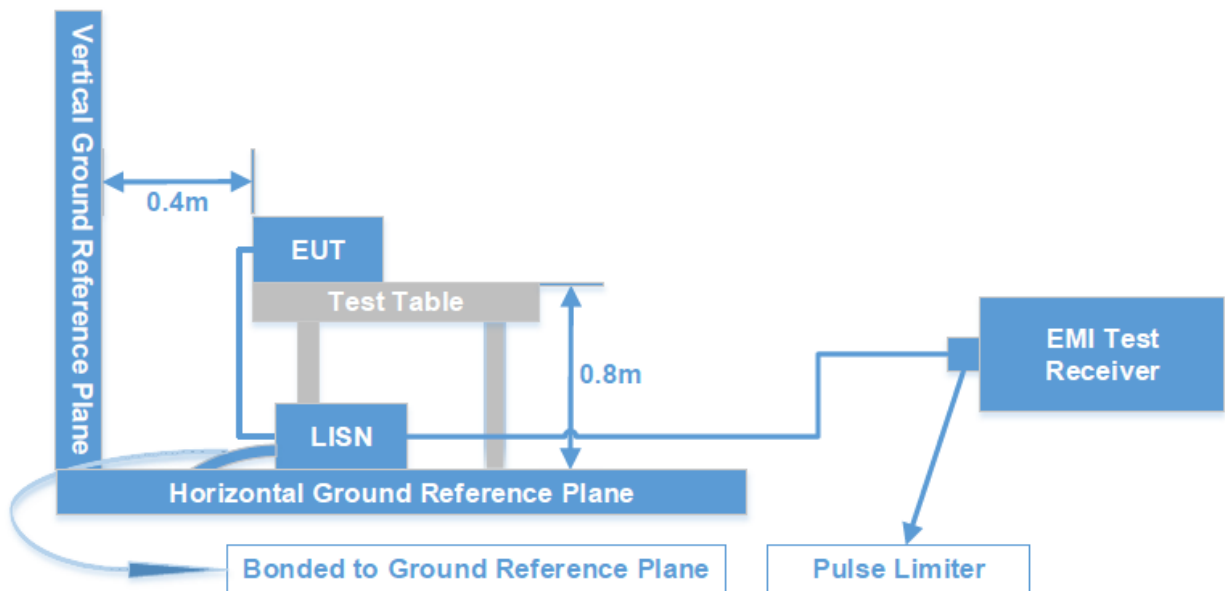
Result: Compliant.

FCC §15.207 (a) – AC LINE CONDUCTED EMISSIONS

Applicable Standard

FCC §15.207(a)

Test System Setup



The measurement procedure of EUT setup is according with ANSI C63.10-2013. The related limit was specified in FCC Part 15.207.

EMI Test Receiver Setup

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

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

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

Test Procedure

ANSI C63.10-2013 clause 6.2

During the conducted emission test, the adapter was connected to the outlet of 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)

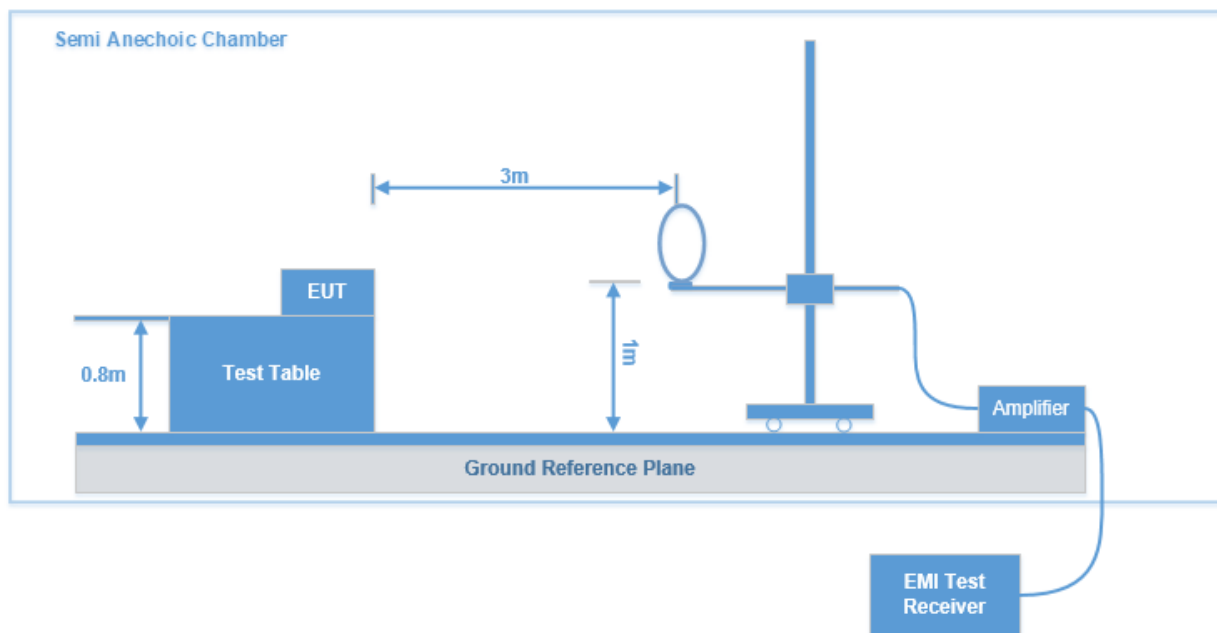
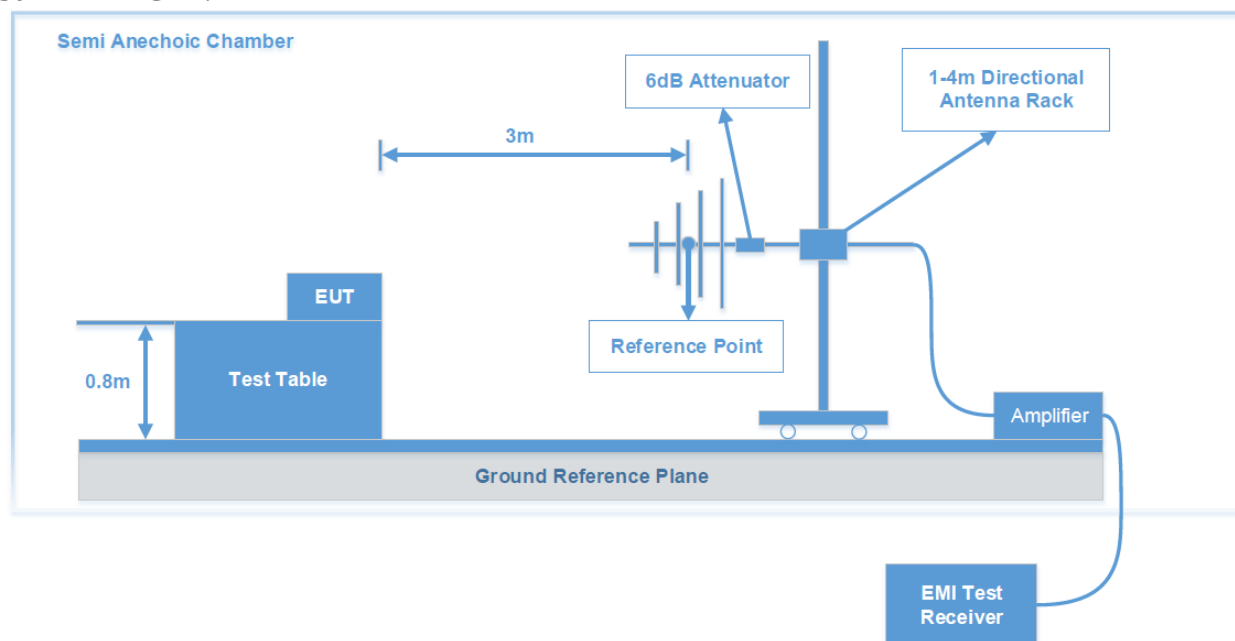
Test Results Summary

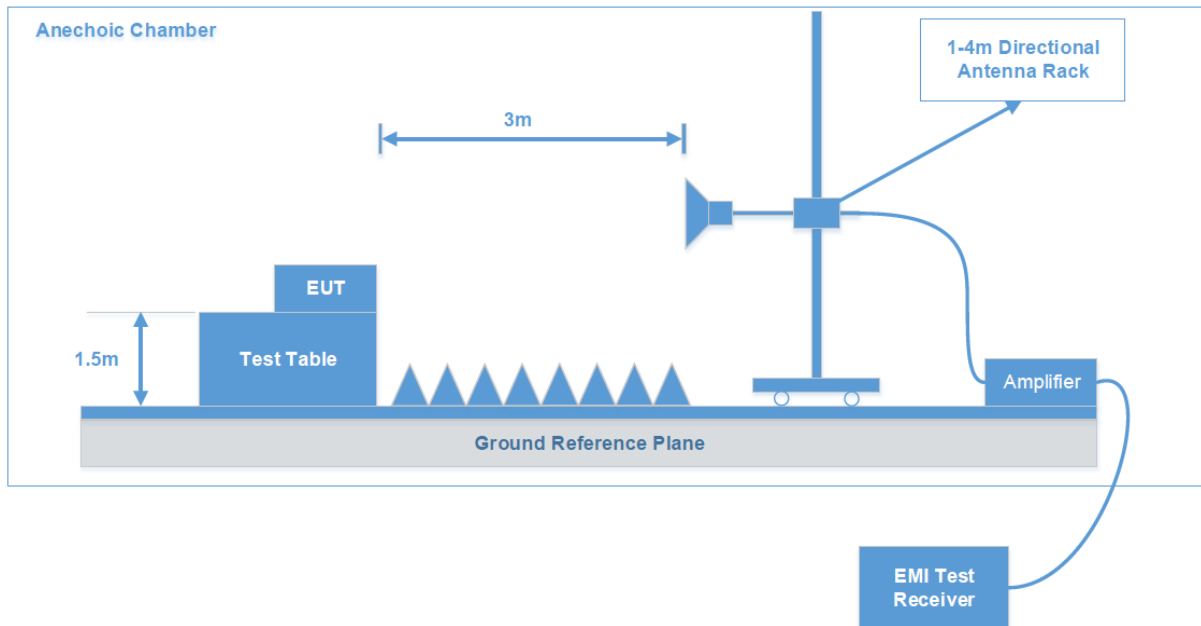
According to the recorded data in following table, the EUT complied with the FCC Part 15.207.

Test Data: See Appendix

FCC §15.209, §15.205 & §15.247(d) - SPURIOUS EMISSIONS**Applicable Standard**

FCC §15.247 (d); §15.209; §15.205;

Test System Setup**9 kHz - 30 MHz:****30 MHz - 1 GHz:**

Above 1 GHz:

The radiated emission tests were performed in the 3 meters test site, using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209, and FCC 15.247 limits.

EMI Test Receiver Setup

The system was investigated from 9 kHz to 25 GHz.

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

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

Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

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

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

Corrected Amplitude & Margin Calculation

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

Corrected Amplitude (dB μ V/m) = Meter Reading (dB μ V) + 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 (dB μ V/m) – Corrected Amplitude (dB μ V/m)

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

Test Results Summary

According to the recorded data in following table, the EUT complied with the FCC Title 47, Part 15, Subpart C, section 15.205, 15.209 and 15.247.

Test Data: See Appendix

FCC §15.247(a) (2) – 6 dB EMISSION BANDWIDTH

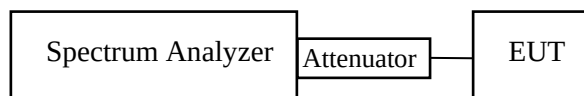
Applicable Standard

Systems using digital modulation techniques may operate in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

Test Procedure

According to ANSI C63.10-2013 sub-clause 11.8.1

1. Set RBW = 100 kHz.
2. Set the video bandwidth (VBW) $\geq 3 * \text{RBW}$.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. 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.



Test Data: See Appendix

FCC §15.247(b) (3) - MAXIMUM CONDUCTED OUTPUT POWER

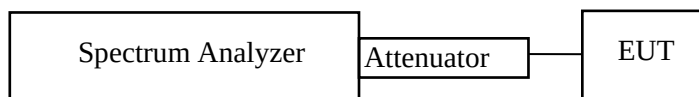
Applicable Standard

According to FCC §15.247(b) (3), for systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

Test Procedure

According to ANSI C63.10-2013 sub-clause 11.9.1.1

1. Set the RBW $\geq$ DTS bandwidth.
2. Set VBW $\geq 3 * \text{RBW}$.
3. Set span $\geq 3 * \text{RBW}$
4. Sweep time = auto couple.
5. Detector = peak.
6. Trace mode = max hold.
7. Allow trace to fully stabilize.
8. Use peak marker function to determine the peak amplitude level.



Test Data: See Appendix

FCC §15.247(d) – BAND EDGE

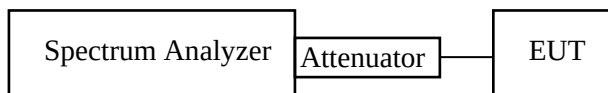
Applicable Standard

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

Test Procedure

According to ANSI C63.10-2013 sub-clause 6.10.

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
3. Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.
4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
5. Repeat above procedures until all measured frequencies were complete.



Test Data: See Appendix

FCC §15.247(e) - POWER SPECTRAL DENSITY

Applicable Standard

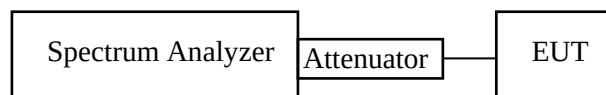
For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

Test Procedure

According to ANSI C63.10-2013 sub-clause 11.10.2

The following procedure shall be used if maximum peak conducted output power was used to determine compliance, and it is optional if the maximum conducted (average) output power was used to determine compliance:

1. Set the RBW to: $3\text{ kHz} \leq \text{RBW} \leq 100\text{ kHz}$.
2. Set the VBW $\geq 3 * \text{RBW}$.
3. Set the span to 1.5 times the DTS bandwidth.
4. Detector = peak.
5. Sweep time = auto couple.
6. Trace mode = max hold.
7. Allow trace to fully stabilize.
8. Use the peak marker function to determine the maximum amplitude level within the RBW.
9. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.



Test Data: See Appendix

EUT PHOTOGRAPHS

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

TEST SETUP PHOTOGRAPHS

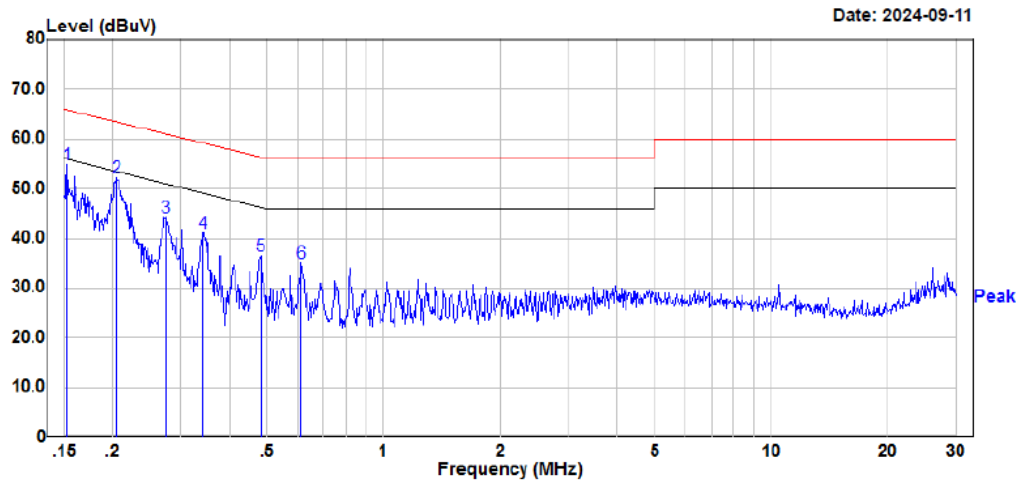
Please refer to the attachment EXHIBIT C - TEST SETUP PHOTOGRAPHS.

Appendix - TEST DATA

Environmental Conditions & Test Information

Test Item:	AC LINE CONDUCTED EMISSIONS	SPURIOUS EMISSIONS		
		9kHz - 1GHz	1 GHz - 18 GHz	18 GHz - 25 GHz
Test Date:	2024-09-11	2024-09-07	2024-09-15	2024-09-26
Temperature:	27.5 °C	26.3 °C	25.6 °C	23.8 °C
Relative Humidity:	61 %	58 %	60 %	58 %
ATM Pressure:	101.0 kPa	100.5 kPa	100.4 kPa	101.5 kPa
Test Result:	Pass	Pass	Pass	Pass
Test Engineer:	Leah Li	Grace Luo	Destine Hu	Hugh Wu

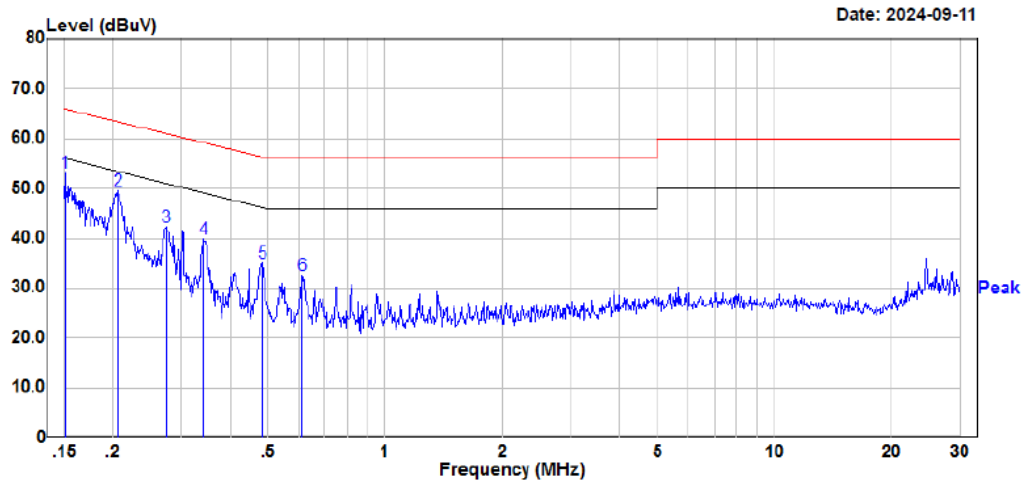
Test Item:	6 DB EMISSION BANDWIDTH	MAXIMUM CONDUCTED OUTPUT POWER	BAND EDGE	POWER SPECTRAL DENSITY
Test Date:	2024-09-23	2024-09-23	2024-09-23	2024-09-23
Temperature:	24.7 °C	24.7 °C	24.7 °C	24.7 °C
Relative Humidity:	55 %	55 %	55 %	55 %
ATM Pressure:	100.3 kPa	100.3 kPa	100.3 kPa	100.3 kPa
Test Result:	Pass	Pass	Pass	Pass
Test Engineer:	Jason Lu	Jason Lu	Jason Lu	Jason Lu

AC LINE CONDUCTED EMISSIONS*EUT operation mode: Transmitting in BLE (1 Mbps) middle channel (maximum output power)***AC 120V/60 Hz, Line**

Site : CE
Condition : limit\FCC PART 15.207
: DET:Peak
Project No. : RKS240819001
Model : AGSPKGY2201
Phase : L
Voltage : 120V/60Hz
Mode : BLE 1M
Test Equipment : ENV216,ESR
Temperature : 27.5°C
Humidity : 61%
Atmospheric pressure: 101.0kPa
Test Engineer : Leah Li

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.152	34.68	20.12	54.80	65.88	-11.08	Peak
2	0.204	32.01	20.11	52.12	63.43	-11.31	Peak
3	0.274	24.03	20.15	44.18	60.99	-16.81	Peak
4	0.341	20.86	20.19	41.05	59.17	-18.12	Peak
5	0.482	16.23	20.16	36.39	56.31	-19.92	Peak
6	0.612	14.90	20.09	34.99	56.00	-21.01	Peak

AC 120V/60 Hz, Neutral

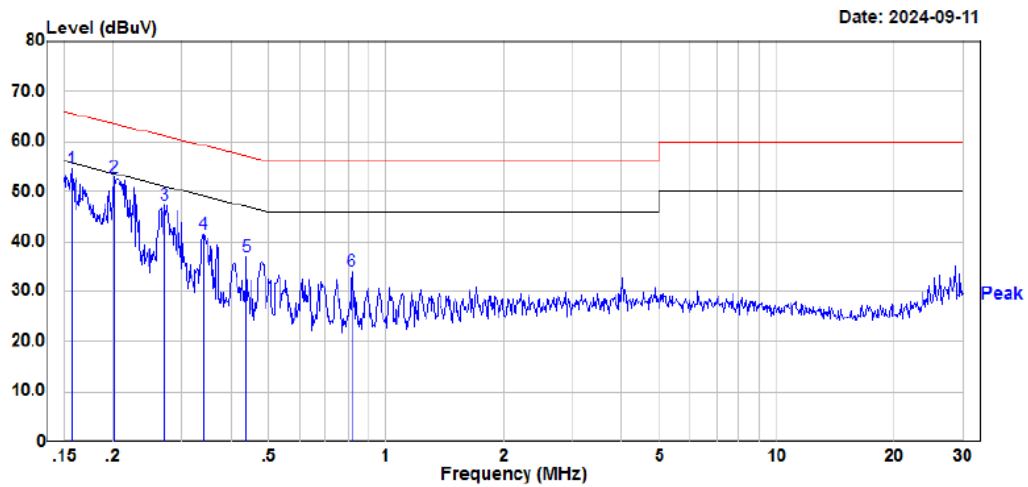


Site : CE
Condition : limit\FCC PART 15.207
: DET:Peak
Project No. : RKSB240819001
Model : AGSPKGY2201
Phase : N
Voltage : 120V/60Hz
Mode : BLE 1M
Test Equipment : ENV216,ESR
Temperature : 27.5°C
Humidity : 61%
Atmospheric pressure: 101.0kPa
Test Engineer : Leah Li

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.151	33.06	20.12	53.18	65.96	-12.78	Peak
2	0.205	29.56	20.11	49.67	63.39	-13.72	Peak
3	0.274	22.05	20.15	42.20	60.99	-18.79	Peak
4	0.341	19.82	20.19	40.01	59.17	-19.16	Peak
5	0.484	14.95	20.16	35.11	56.27	-21.16	Peak
6	0.612	12.55	20.09	32.64	56.00	-23.36	Peak

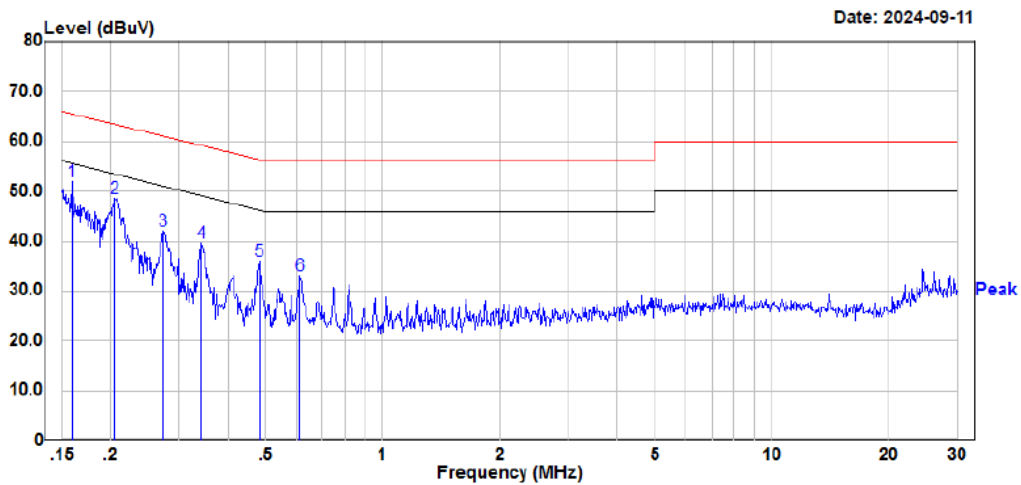
EUT operation mode: Transmitting in BLE (2 Mbps) middle channel (maximum output power)

AC 120V/60 Hz, Line



Site : CE
Condition : limit\FCC PART 15.207
Project No. : RKS240819001
Model : AGSPKGY2201
Phase : L
Voltage : 120V/60Hz
Mode : BLE 2M
Test Equipment : ENV216,ESR
Temperature : 27.5°C
Humidity : 61%
Atmospheric pressure: 101.0kPa
Test Engineer : Leah Li

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBUV		dB	dBUV	dB	
1	0.156	34.44	20.11	54.55	65.67	-11.12	Peak
2	0.200	32.87	20.11	52.98	63.60	-10.62	Peak
3	0.270	27.14	20.15	47.29	61.11	-13.82	Peak
4	0.340	21.33	20.19	41.52	59.21	-17.69	Peak
5	0.438	16.66	20.23	36.89	57.10	-20.21	Peak
6	0.817	14.23	19.92	34.15	56.00	-21.85	Peak

AC 120V/60 Hz, Neutral

Site : CE
Condition : limit\FCC PART 15.207
: DET:Peak
Project No. : RKSB240819001
Model : AGSPKGY2201
Phase : N
Voltage : 120V/60Hz
Mode : BLE 2M
Test Equipment : ENV216, ESR
Temperature : 27.5°C
Humidity : 61%
Atmospheric pressure: 101.0kPa
Test Engineer : Leah Li

	Freq	Read		Level	Limit	Over	Remark
		Level	Factor		Line	Limit	
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.158	31.83	20.11	51.94	65.54	-13.60	Peak
2	0.204	28.51	20.11	48.62	63.43	-14.81	Peak
3	0.273	21.85	20.15	42.00	61.03	-19.03	Peak
4	0.341	19.46	20.19	39.65	59.17	-19.52	Peak
5	0.482	15.79	20.16	35.95	56.31	-20.36	Peak
6	0.612	12.99	20.09	33.08	56.00	-22.92	Peak

SPURIOUS EMISSIONS

Test Result: Compliant.

EUT operation mode: Transmitting

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

9 kHz-30 MHz: (Transmitting in maximum output power BLE (1 Mbps) middle channel)

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

BLE (1 Mbps)

30 MHz - 1 GHz:

Low Channel: 2402 MHz

Common Information

Project No:

RKSB240819001

Test Mode:

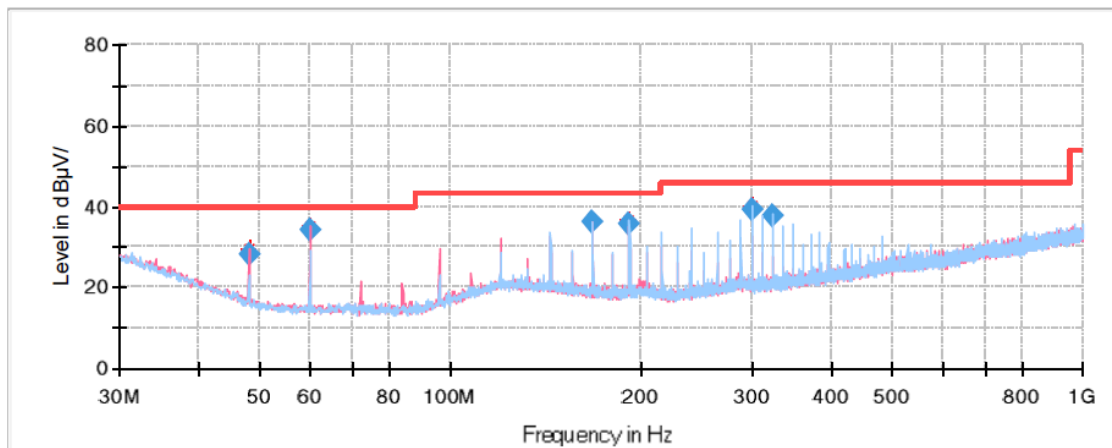
Transmitting in BLE 1M mode low channel

Standard:

FCC Part 15.205&FCC Part 15.209&FCC Part 15.247

Test Engineer:

Grace Luo

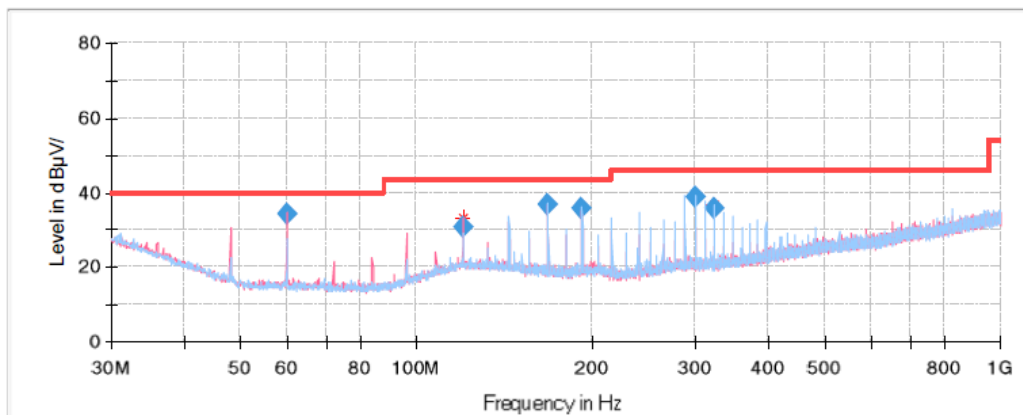


Final Result

Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Pol	Corr. (dB/m)
47.996000	28.10	40.00	11.90	V	-15.7
59.991350	34.42	40.00	5.58	V	-17.6
168.017600	36.17	43.50	7.33	H	-12.5
192.008900	35.82	43.50	7.68	H	-12.5
299.999450	39.23	46.00	6.77	H	-10.5
324.023150	37.94	46.00	8.06	H	-9.9

Middle Channel: 2440 MHz**Common Information**

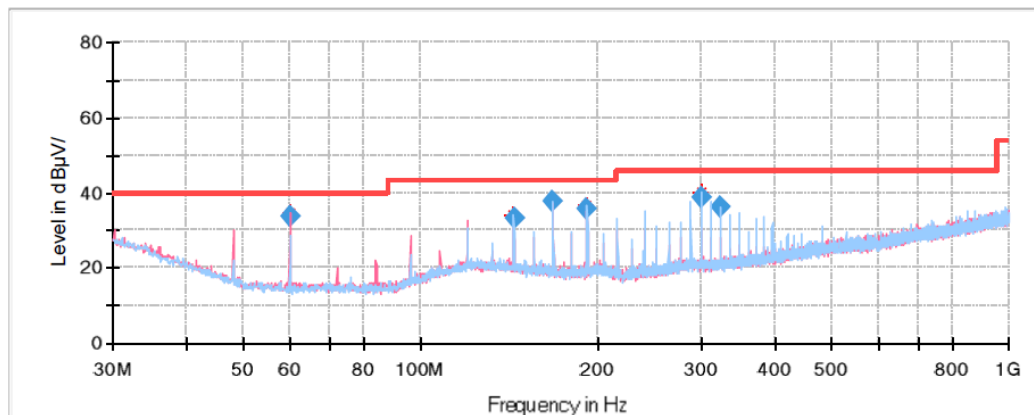
Project No:	RKS240819001
Test Mode:	Transmitting in BLE 1M mode middle channel
Standard:	FCC Part 15.205&FCC Part 15.209&FCC Part 15.247
Test Engineer:	Grace Luo

**Final Result**

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
60.002450	33.99	40.00	6.01	V	-17.6
120.000500	30.83	43.50	12.67	V	-10.9
168.010100	36.98	43.50	6.52	H	-12.5
192.005000	35.70	43.50	7.80	H	-12.5
300.024050	38.87	46.00	7.13	H	-10.5
324.036950	35.91	46.00	10.09	H	-9.9

High Channel:2480 MHz**Common Information**

Project No: RKSB240819001
Test Mode: Transmitting in BLE 1M mode high channel
Standard: FCC Part 15.205&FCC Part 15.209&FCC Part 15.247
Test Engineer: Grace Luo

**Final Result**

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
60.012950	33.60	40.00	6.40	V	-17.6
144.017300	33.19	43.50	10.31	H	-11.6
168.007100	37.65	43.50	5.85	H	-12.5
192.013400	35.76	43.50	7.74	H	-12.5
300.036950	38.79	46.00	7.21	H	-10.5
324.026150	36.16	46.00	9.84	H	-9.9

BLE (2 Mbps)**30 MHz - 1 GHz:****Low Channel: 2402 MHz**

Common Information

Project No:

RKS240819001

Test Mode:

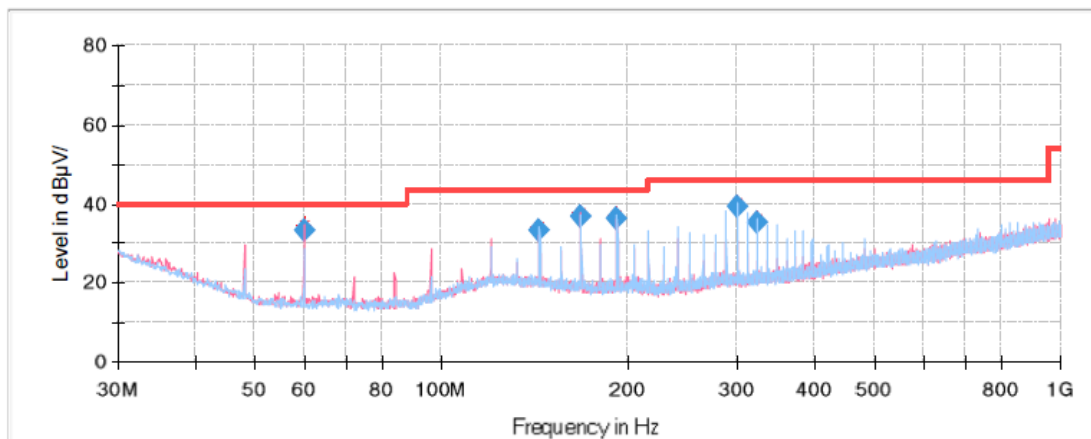
Transmitting in BLE 2M mode low channel

Standard:

FCC Part 15.205&FCC Part 15.209&FCC Part 15.247

Test Engineer:

Grace Luo

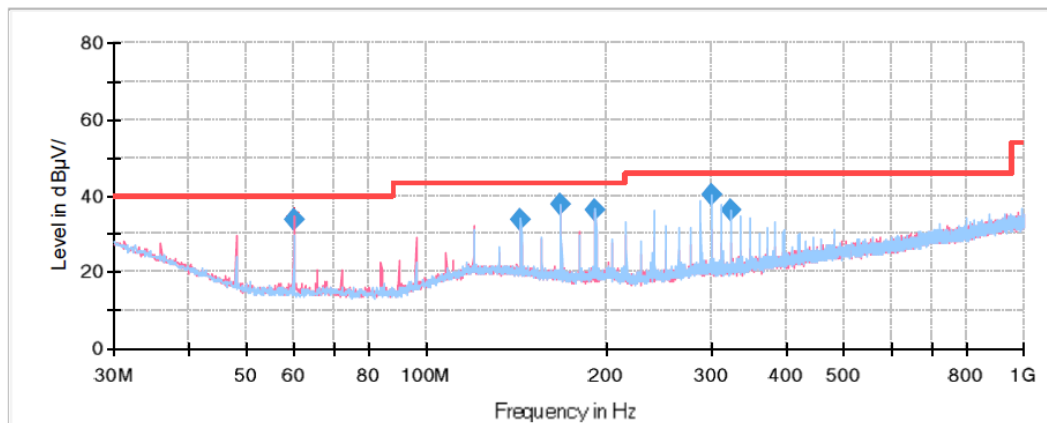


Final Result

Frequency (MHz)	QuasiPeak (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
60.014450	33.38	40.00	6.62	V	-17.6
143.996000	33.42	43.50	10.08	H	-11.6
168.004400	36.85	43.50	6.65	V	-12.5
192.015800	36.08	43.50	7.42	V	-12.5
299.998250	39.36	46.00	6.64	H	-10.5
324.042650	35.28	46.00	10.72	H	-9.9

Middle Channel: 2440 MHz**Common Information**

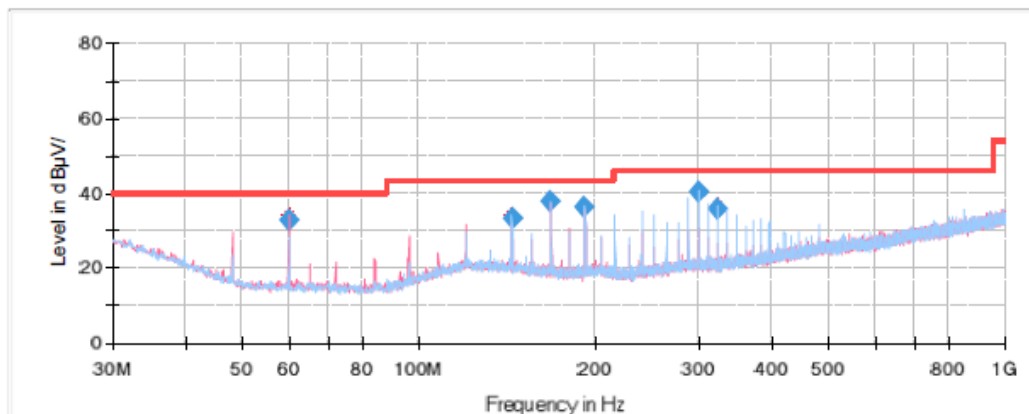
Project No: RKS240819001
Test Mode: Transmitting in BLE 2M mode middle channel
Standard: FCC Part 15.205&FCC Part 15.209&FCC Part 15.247
Test Engineer: Grace Luo

**Final Result**

Frequency (MHz)	QuasiPeak (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
60.001850	33.76	40.00	6.24	V	-17.6
143.997200	33.47	43.50	10.03	H	-11.6
168.020900	37.58	43.50	5.92	H	-12.5
192.009500	36.00	43.50	7.50	H	-12.5
300.018350	40.32	46.00	5.68	H	-10.5
324.018050	36.17	46.00	9.83	H	-9.9

High Channel:2480 MHz**Common Information**

Project No: RKS240819001
Test Mode: Transmitting in BLE 2M mode high channel
Standard: FCC Part 15.205&FCC Part 15.209&FCC Part 15.247
Test Engineer: Grace Luo

**Final Result**

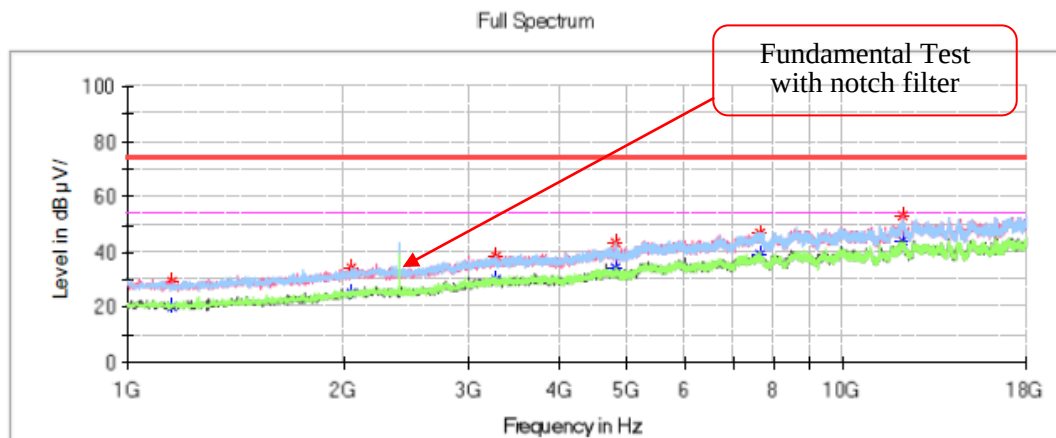
Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
60.016850	32.87	40.00	7.13	V	-17.6
144.022100	33.41	43.50	10.09	H	-11.6
168.002900	37.50	43.50	6.00	H	-12.5
192.008900	36.32	43.50	7.18	H	-12.5
300.029450	40.06	46.00	5.94	H	-10.5
324.030950	35.81	46.00	10.19	H	-9.9

BLE (1 Mbps)
1 GHz-18 GHz:

Low Channel: 2402 MHz

Common Information

Project No.:	RKS240819001
Test Mode:	BLE 1M
Standard:	FCC Part 15.247 & FCC Part 15.205 & FCC Part 15.209
Test Engineer:	Destine Hu

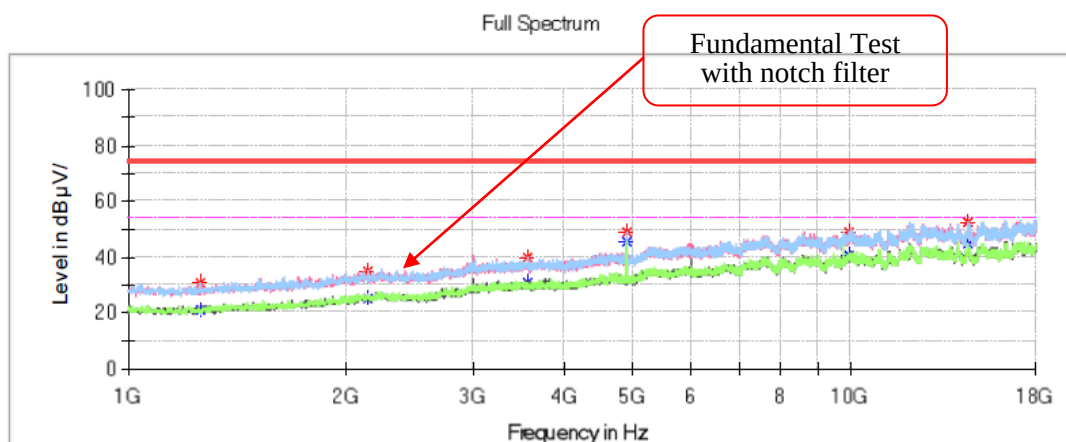


Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1156.400000	---	20.13	54.00	33.87	V	-15.2
1156.400000	29.35	---	74.00	44.65	V	-15.2
2059.100000	---	25.12	54.00	28.88	H	-11.6
2059.100000	33.97	---	74.00	40.03	H	-11.6
3276.300000	---	30.03	54.00	23.97	H	-7.3
3276.300000	38.38	---	74.00	35.62	H	-7.3
4809.700000	---	34.09	54.00	19.91	H	-3.1
4809.700000	43.02	---	74.00	30.98	H	-3.1
7641.900000	---	38.89	54.00	15.11	V	3.9
7641.900000	47.04	---	74.00	26.96	V	3.9
12133.300000	---	44.25	54.00	9.75	V	9.2
12133.300000	52.88	---	74.00	21.12	V	9.2

Middle Channel: 2440 MHz**Common Information**

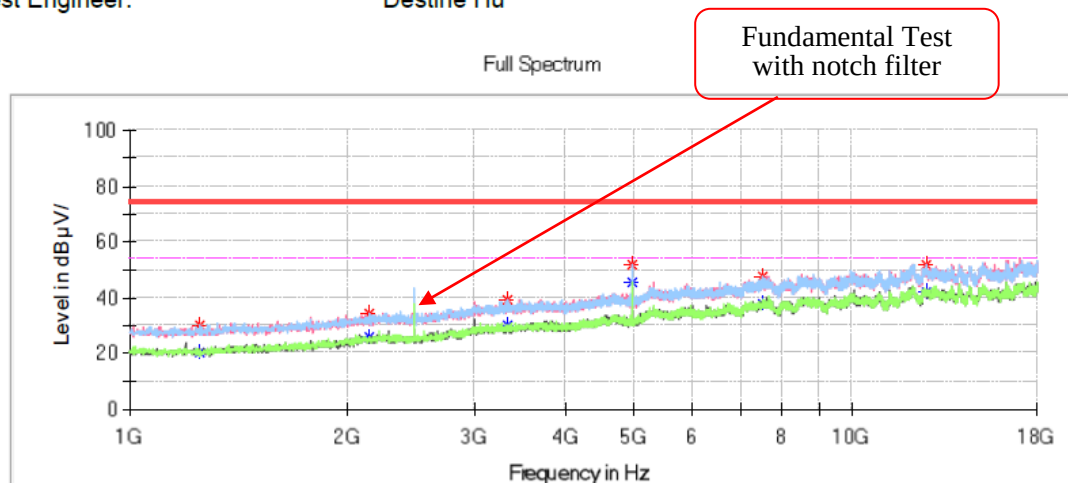
Project No.: RKS240819001
 Test Mode: BLE 1M
 Standard: FCC Part 15.247 & FCC Part 15.205 & FCC Part 15.209
 Test Engineer: Destine Hu

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1258.400000	30.87	---	74.00	43.13	V	-15.1
1258.400000	---	20.86	54.00	33.14	V	-15.1
2144.100000	34.81	---	74.00	39.19	H	-11.3
2144.100000	---	25.38	54.00	28.62	H	-11.3
3570.400000	---	30.79	54.00	23.21	H	-6.3
3570.400000	39.55	---	74.00	34.45	H	-6.3
4879.400000	---	45.74	54.00	8.26	H	-2.9
4879.400000	49.30	---	74.00	24.70	H	-2.9
9916.500000	---	40.62	54.00	13.38	V	6.9
9916.500000	49.20	---	74.00	24.80	V	6.9
14489.500000	---	44.68	54.00	9.32	H	9.4
14489.500000	52.63	---	74.00	21.37	H	9.4

High Channel: 2480 MHz**Common Information**

Project No.: RKSB240819001
 Test Mode: BLE 1M
 Standard: FCC Part 15.247 & FCC Part 15.205 & FCC Part 15.209
 Test Engineer: Destine Hu

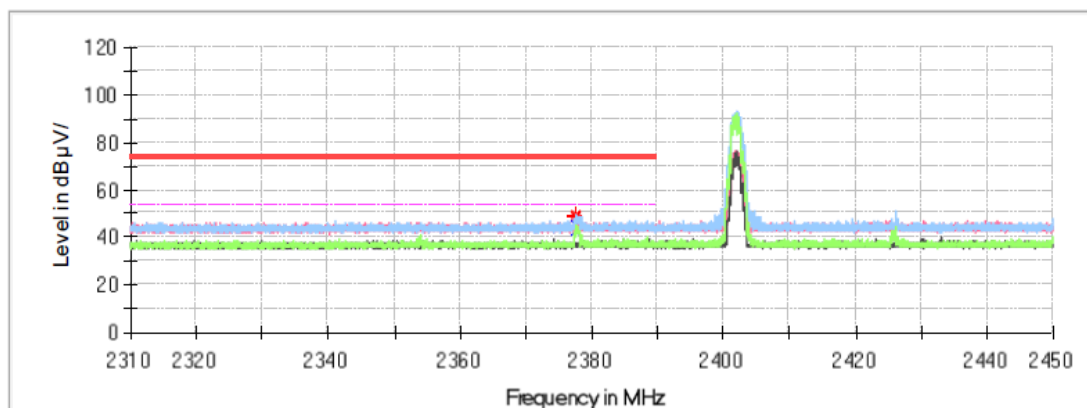
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1248.200000	---	20.22	54.00	33.78	H	-15.1
1248.200000	30.23	---	74.00	43.77	H	-15.1
2140.700000	---	25.92	54.00	28.08	H	-11.3
2140.700000	34.26	---	74.00	39.74	H	-11.3
3340.900000	---	29.96	54.00	24.04	H	-7.0
3340.900000	39.09	---	74.00	34.91	H	-7.0
4959.300000	52.10	---	74.00	21.90	H	-2.6
4959.300000	---	45.66	54.00	8.34	H	-2.6
7497.400000	---	37.78	54.00	16.22	V	3.9
7497.400000	47.21	---	74.00	26.79	V	3.9
12668.800000	---	42.02	54.00	11.98	V	9.7
12668.800000	51.62	---	74.00	22.38	V	9.7

Restricted Bands Emission:**Left Side****Common Information**

Project No.: RKSB240819001
Test Mode: BLE 1M
Standard: FCC Part 15.247 & FCC Part 15.205 & FCC Part 15.209
Test Engineer: Destine Hu

Full Spectrum

**Critical_Freqs**

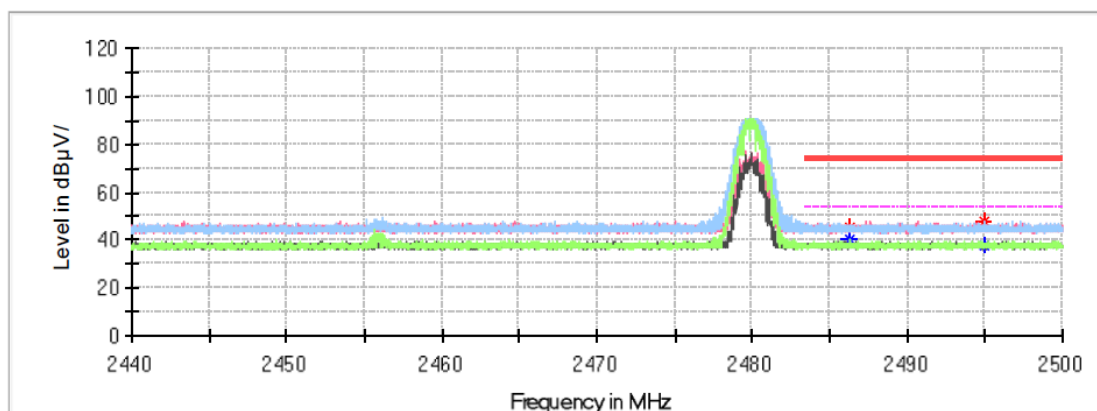
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2377.676000	49.18	---	74.00	24.82	H	-0.6
2377.676000	---	42.75	54.00	11.25	H	-0.6
2377.732000	48.67	---	74.00	25.33	V	-0.6
2377.732000	---	45.62	54.00	8.38	V	-0.6

Right Side

Common Information

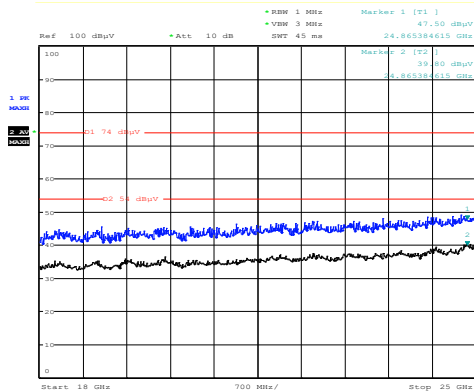
Project No.: RKSB240819001
Test Mode: BLE 1M
Standard: FCC Part 15.247 & FCC Part 15.205 & FCC Part 15.209
Test Engineer: Destine Hu

Full Spectrum

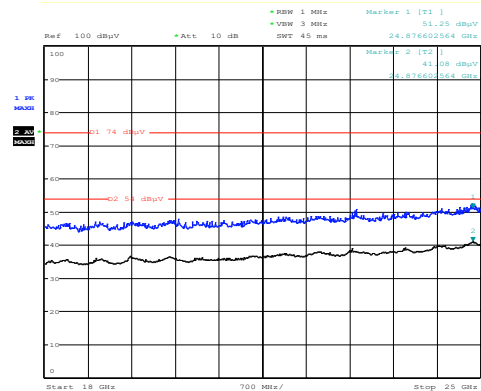


Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2486.320000	---	39.89	54.00	14.11	H	-0.2
2486.320000	45.03	---	74.00	28.97	H	-0.2
2495.014000	---	37.61	54.00	16.39	V	-0.2
2495.014000	48.25	---	74.00	25.75	V	-0.2

18 GHz - 25 GHz (middle channel was worst):**Horizontal**

Project No :RKSB240819001 Tester :Hugh Wu
Date: 26.SEP.2024 11:50:41

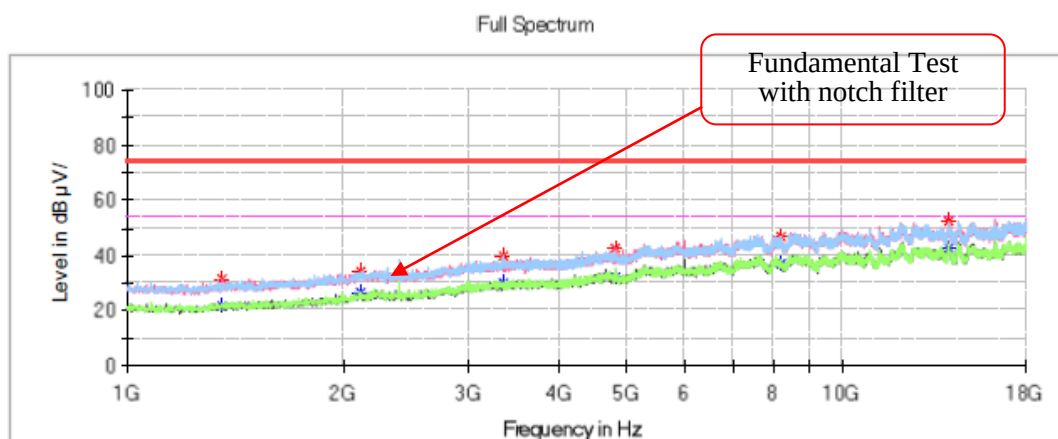
Vertical

Project No :RKSB240819001 Tester :Hugh Wu
Date: 26.SEP.2024 12:05:00

Note: The test distance is 3m. The limit is 74dB μ V/m (Peak) and 54dB μ V/m (Average)

BLE (2 Mbps)**1GHz-18GHz:****Low Channel: 2402 MHz****Common Information**

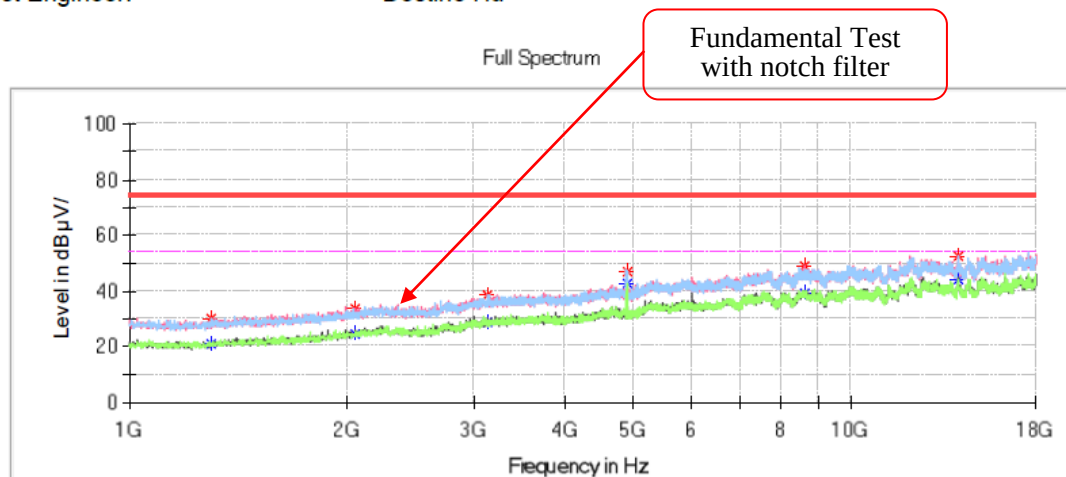
Project No.:	RKS240819001
Test Mode:	BLE 2M
Standard:	FCC Part 15.247 & FCC Part 15.205 & FCC Part 15.209
Test Engineer:	Destine Hu

**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1353.600000	---	21.81	54.00	32.19	V	-14.9
1353.600000	31.18	---	74.00	42.82	V	-14.9
2116.900000	---	26.30	54.00	27.70	V	-11.4
2116.900000	34.31	---	74.00	39.69	V	-11.4
3342.600000	---	29.78	54.00	24.22	H	-7.0
3342.600000	39.69	---	74.00	34.31	H	-7.0
4809.700000	---	32.33	54.00	21.67	H	-3.1
4809.700000	42.31	---	74.00	31.69	H	-3.1
8209.700000	---	37.32	54.00	16.68	V	4.5
8209.700000	47.13	---	74.00	26.87	V	4.5
14010.100000	---	42.99	54.00	11.01	H	9.8
14010.100000	52.35	---	74.00	21.65	H	9.8

Middle Channel: 2440 MHz**Common Information**

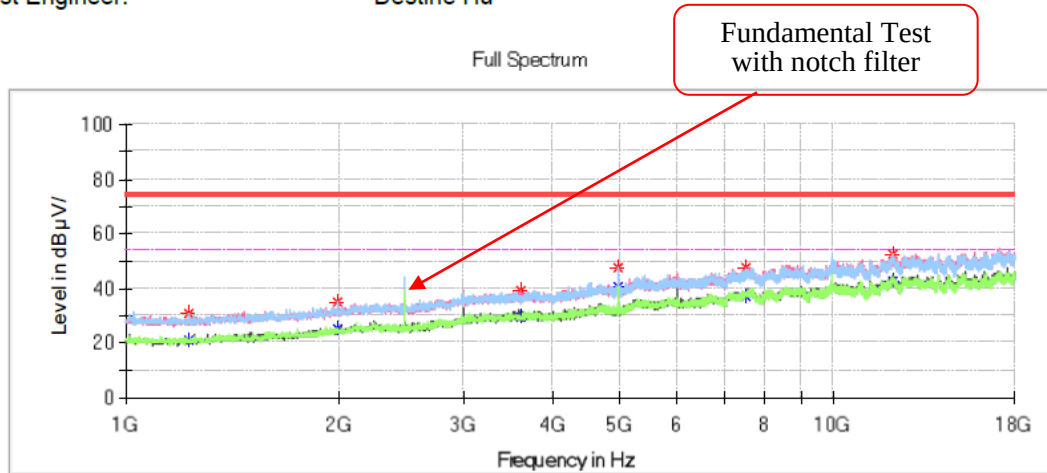
Project No.: RKSB240819001
 Test Mode: BLE 2M
 Standard: FCC Part 15.247 & FCC Part 15.205 & FCC Part 15.209
 Test Engineer: Destine Hu

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1300.900000	---	21.30	54.00	32.70	H	-15.0
1300.900000	29.87	---	74.00	44.13	H	-15.0
2055.700000	---	24.70	54.00	29.30	V	-11.6
2055.700000	33.59	---	74.00	40.41	V	-11.6
3125.000000	---	28.47	54.00	25.53	V	-7.9
3125.000000	38.63	---	74.00	35.37	V	-7.9
4879.400000	---	42.33	54.00	11.67	H	-2.9
4879.400000	46.60	---	74.00	27.40	H	-2.9
8588.800000	---	38.86	54.00	15.14	V	5.4
8588.800000	49.25	---	74.00	24.75	V	5.4
14054.300000	---	43.72	54.00	10.28	H	9.8
14054.300000	52.15	---	74.00	21.85	H	9.8

High Channel: 2480 MHz**Common Information**

Project No.: RKS240819001
 Test Mode: BLE 2M
 Standard: FCC Part 15.247 & FCC Part 15.205 & FCC Part 15.209
 Test Engineer: Destine Hu

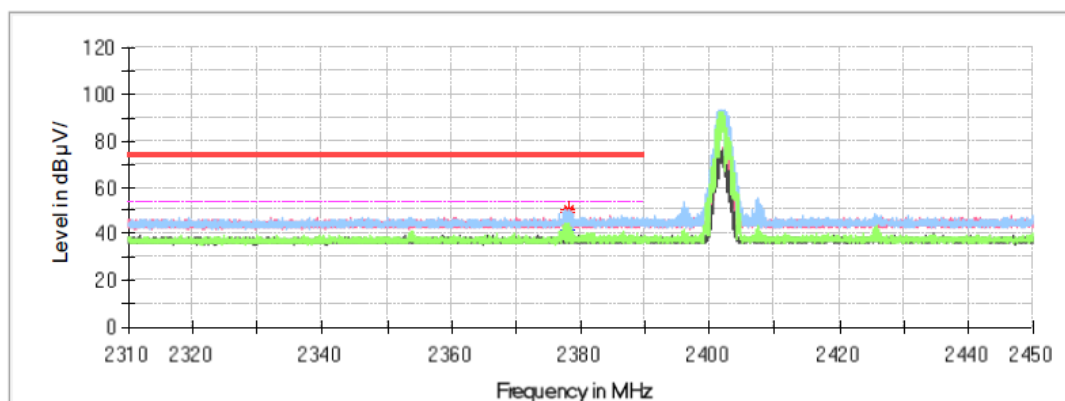
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1226.100000	---	20.74	54.00	33.26	H	-15.1
1226.100000	30.50	---	74.00	43.50	H	-15.1
1992.800000	---	25.18	54.00	28.82	H	-11.8
1992.800000	34.65	---	74.00	39.35	H	-11.8
3618.000000	---	29.58	54.00	24.42	V	-6.2
3618.000000	38.90	---	74.00	35.10	V	-6.2
4959.300000	---	40.68	54.00	13.32	H	-2.6
4959.300000	47.83	---	74.00	26.17	H	-2.6
7500.800000	---	37.35	54.00	16.65	V	3.9
7500.800000	47.54	---	74.00	26.46	V	3.9
12073.800000	---	42.83	54.00	11.17	H	9.1
12073.800000	52.60	---	74.00	21.40	H	9.1

Restricted Bands Emission:**Left Side****Common Information**

Project No.: RKSB240819001
Test Mode: BLE 2M
Standard: FCC Part 15.247 & FCC Part 15.205 & FCC Part 15.209
Test Engineer: Destine Hu

Full Spectrum

**Critical_Freqs**

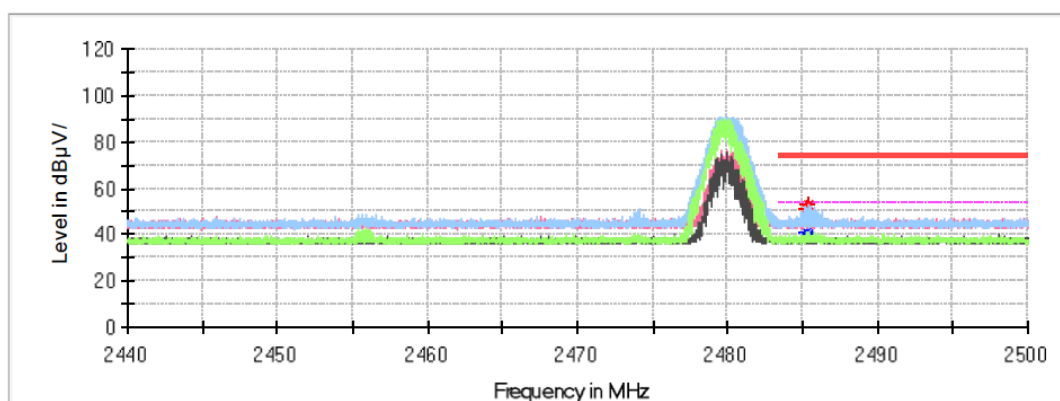
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2378.068000	49.26	---	74.00	24.74	H	-0.6
2378.068000	---	44.73	54.00	9.27	H	-0.6
2378.320000	50.23	---	74.00	23.77	V	-0.6
2378.320000	---	41.82	54.00	12.18	V	-0.6

Right Side

Common Information

Project No.: RKS240819001
Test Mode: BLE 2M
Standard: FCC Part 15.247 & FCC Part 15.205 & FCC Part 15.209
Test Engineer: Destine Hu

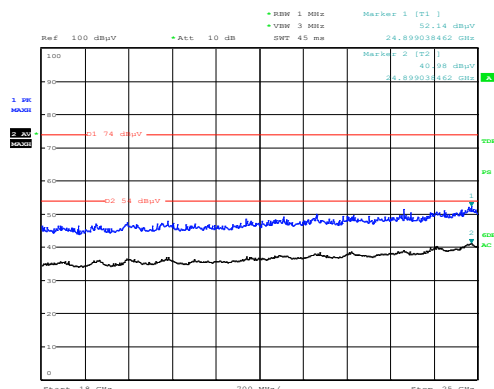
Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2485.318000	---	41.52	54.00	12.48	H	-0.2
2485.318000	50.92	---	74.00	23.08	H	-0.2
2485.414000	---	40.21	54.00	13.79	V	-0.2
2485.414000	53.07	---	74.00	20.93	V	-0.2

Horizontal

[illegible]

Project No :RKSB240819001
Date: 26.SEP.2024 12:21:53

Tester :Hugh Wu

Project No :RKSB240819001
Date: 26.SEP.2024 12:38:00

Tester :Hugh Wu

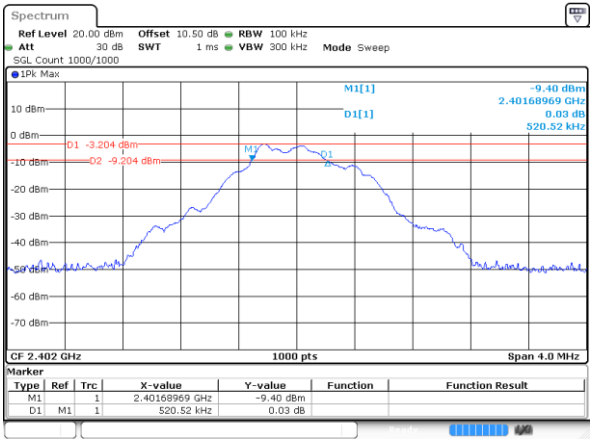
Note: The test distance is 3m. The limit is 74dBμV/m (Peak) and 54dBμV/m (Average)

6 dB EMISSION BANDWIDTH

Mode	Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (MHz)
BLE (1 Mbps)	Low	2402	0.521	≥ 0.5
	Middle	2440	0.533	≥ 0.5
	High	2480	0.533	≥ 0.5
BLE (2 Mbps)	Low	2402	0.865	≥ 0.5
	Middle	2440	0.861	≥ 0.5
	High	2480	0.857	≥ 0.5

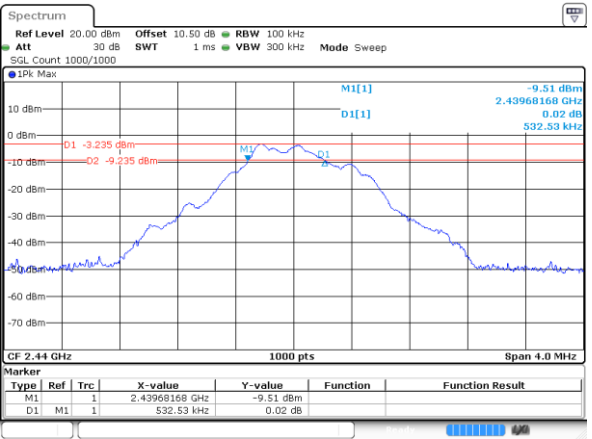
BLE (1 Mbps)

Low Channel



ProjectNo.: RKS240819001 Tester: Jason Lu
Date: 23 SEP 2024 09:10:15

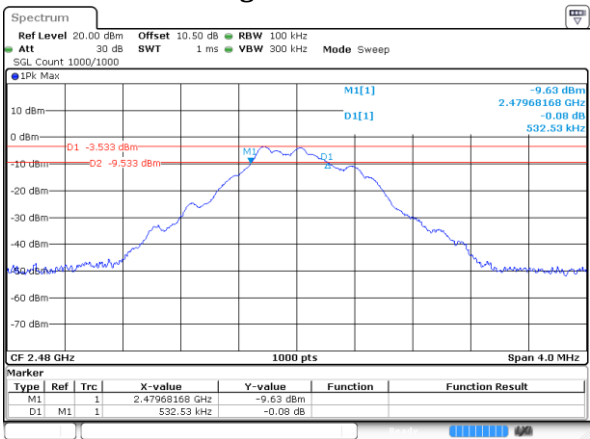
Middle Channel



ProjectNo.: RKS240819001 Tester: Jason Lu
Date: 23 SEP 2024 09:13:22

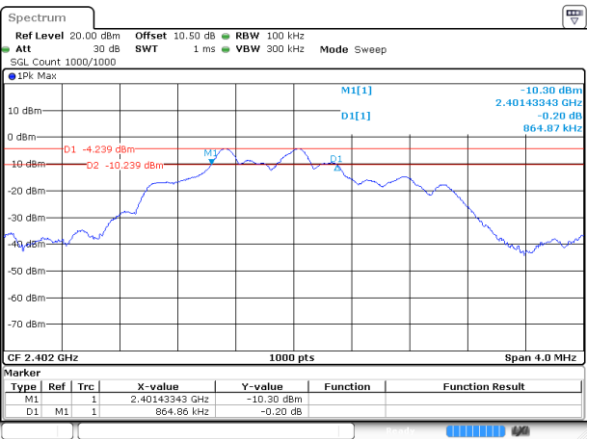
BLE (2 Mbps)

High Channel



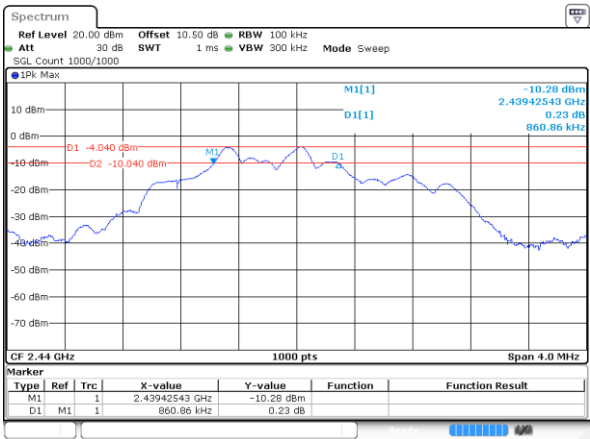
ProjectNo.: RKS240819001 Tester: Jason Lu
Date: 23 SEP 2024 09:16:39

Low Channel



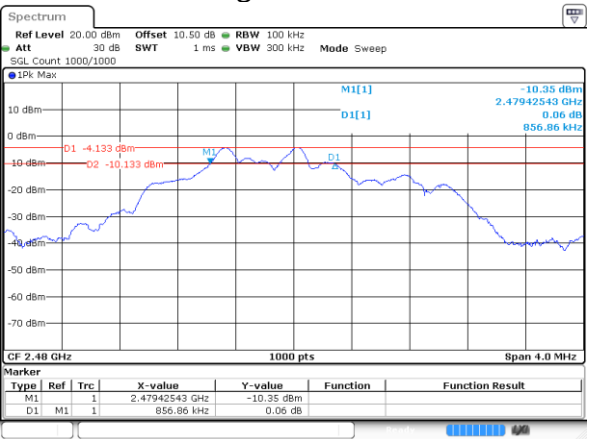
ProjectNo.: RKS240819001 Tester: Jason Lu
Date: 23 SEP 2024 09:22:56

Middle Channel



ProjectNo.: RKS240819001 Tester: Jason Lu
Date: 23 SEP 2024 09:26:41

High Channel



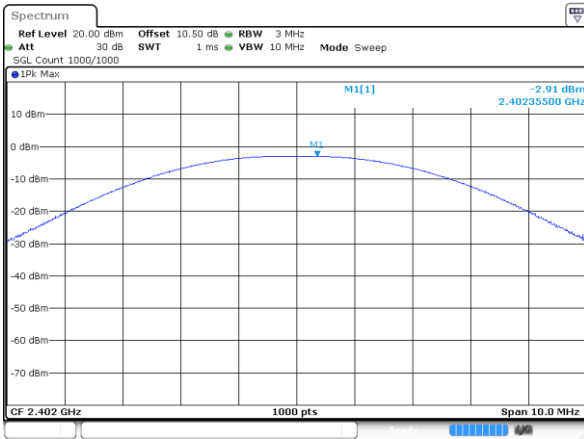
ProjectNo.: RKS240819001 Tester: Jason Lu
Date: 23 SEP 2024 09:30:10

MAXIMUM CONDUCTED OUTPUT POWER**Test Result:** Compliant.*EUT operation mode: Transmitting*

Mode	Channel	Frequency (MHz)	Max Conducted Peak Output Power (dBm)	Limit (dBm)	Result
BLE (1 Mbps)	Low	2402	-2.91	30	Pass
	Middle	2440	-2.89	30	Pass
	High	2480	-3.14	30	Pass
BLE (2 Mbps)	Low	2402	-3.19	30	Pass
	Middle	2440	-3.01	30	Pass
	High	2480	-3.25	30	Pass

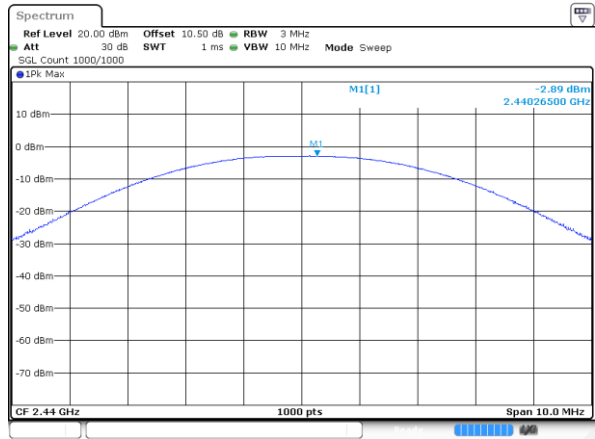
BLE (1 Mbps)

Low Channel



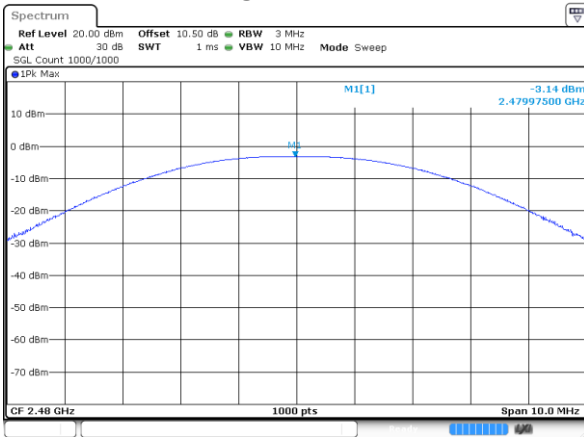
ProjectNo: RKSB240819001 Tester: Jason Lu
Date: 23.SEP.2024 09:12:11

Middle Channel



ProjectNo: RKSB240819001 Tester: Jason Lu
Date: 23.SEP.2024 09:15:37

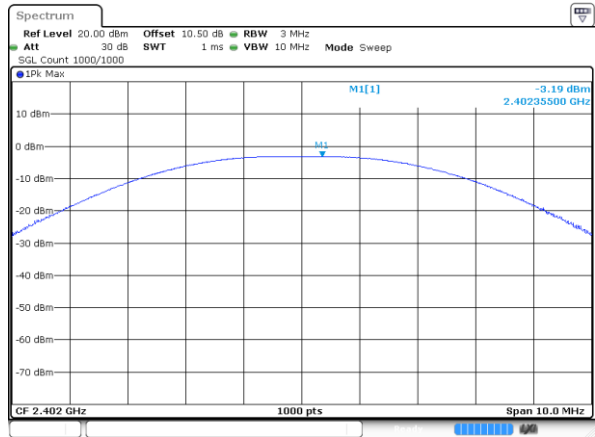
High Channel



ProjectNo: RKSB240819001 Tester: Jason Lu
Date: 23.SEP.2024 09:18:35

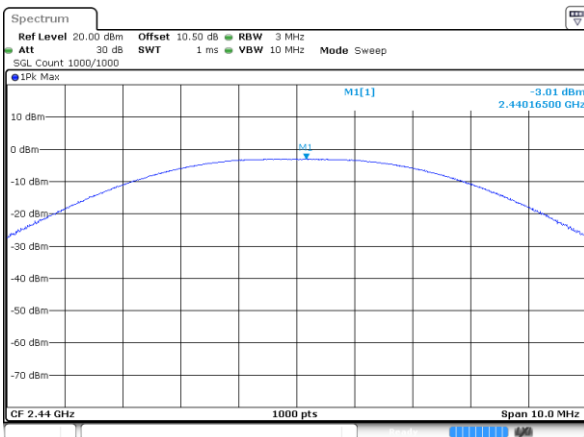
BLE (2 Mbps)

Low Channel



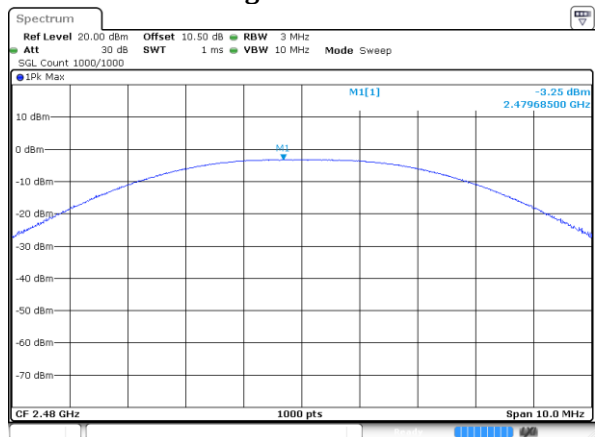
ProjectNo: RKSB240819001 Tester: Jason Lu
Date: 23.SEP.2024 09:25:24

Middle Channel



ProjectNo: RKSB240819001 Tester: Jason Lu
Date: 23.SEP.2024 09:28:54

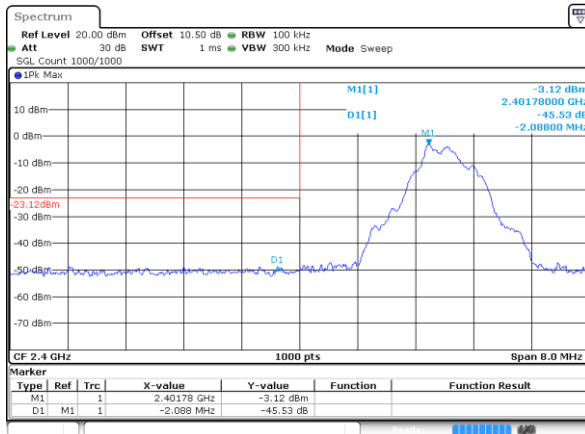
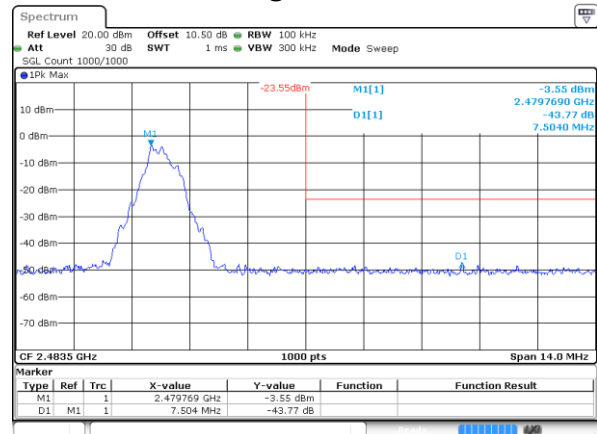
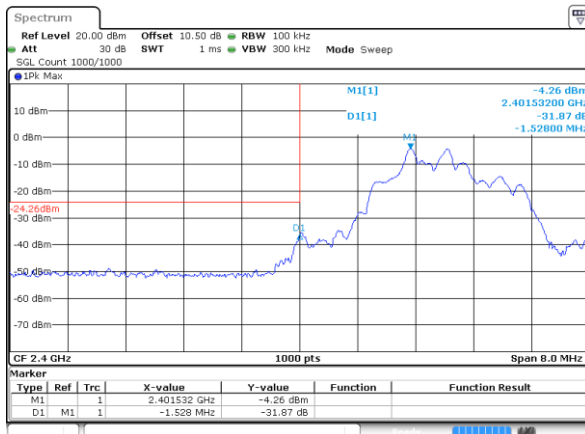
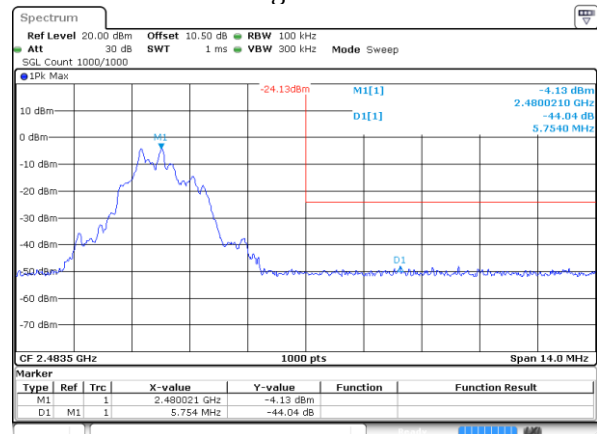
High Channel



ProjectNo: RKSB240819001 Tester: Jason Lu
Date: 23.SEP.2024 09:34:17

BAND EDGE**Test Result:** Compliant.*EUT operation mode: Transmitting*

Mode	Channel	Frequency (MHz)	Result (dBc)	Limit (dBc)
BLE (1 Mbps)	Low	2402	45.53	20
	High	2480	43.77	
BLE (2 Mbps)	Low	2402	31.87	20
	High	2480	44.04	

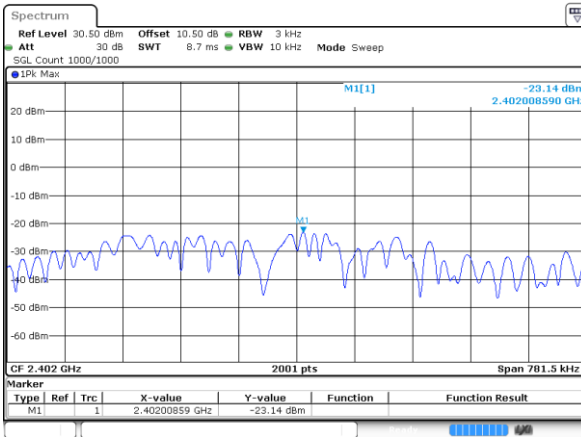
BLE (1 Mbps)**Left Side**ProjectNo: RKSB240819001 Tester:Jason Lu
Date: 23.SEP.2024 09:10:04**Right Side**ProjectNo: RKSB240819001 Tester:Jason Lu
Date: 23.SEP.2024 09:16:26**BLE (2 Mbps)****Left Side**ProjectNo: RKSB240819001 Tester:Jason Lu
Date: 23.SEP.2024 09:22:46**Right Side**ProjectNo: RKSB240819001 Tester:Jason Lu
Date: 23.SEP.2024 09:29:58

POWER SPECTRAL DENSITY**Test Result:** Compliant.*EUT operation mode: Transmitting*

Mode	Channel	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)
BLE (1 Mbps)	Low	2402	-23.14	≤8
	Middle	2440	-23.54	≤8
	High	2480	-23.95	≤8
BLE (2 Mbps)	Low	2402	-25.83	≤8
	Middle	2440	-25.66	≤8
	High	2480	-25.81	≤8

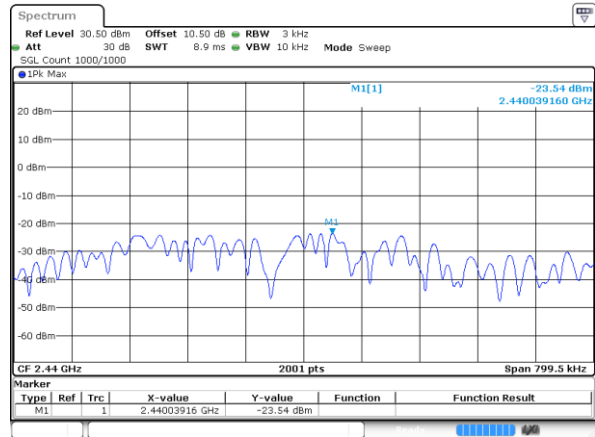
BLE (1 Mbps)

Low Channel



ProjectNo.: RKS240819001 Tester: Jason Lu
Date: 23.SEP.2024 09:12:31

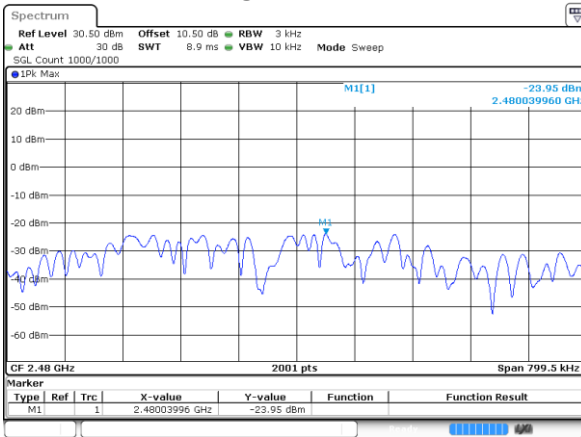
Middle Channel



ProjectNo.: RKS240819001 Tester: Jason Lu
Date: 23.SEP.2024 09:15:58

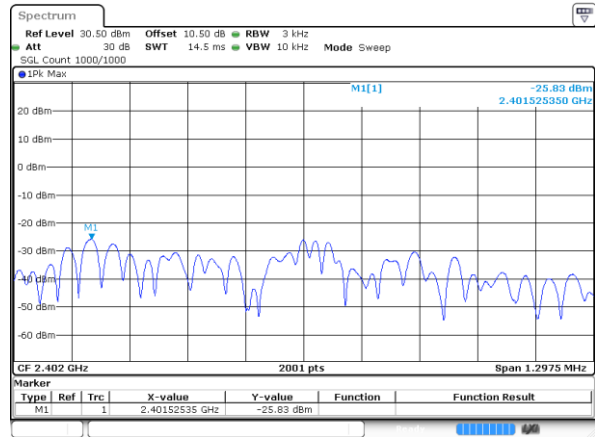
BLE (2 Mbps)

High Channel



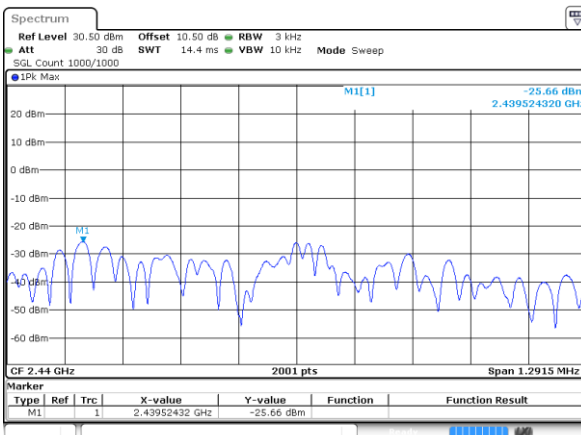
ProjectNo.: RKS240819001 Tester: Jason Lu
Date: 23.SEP.2024 09:18:56

Low Channel



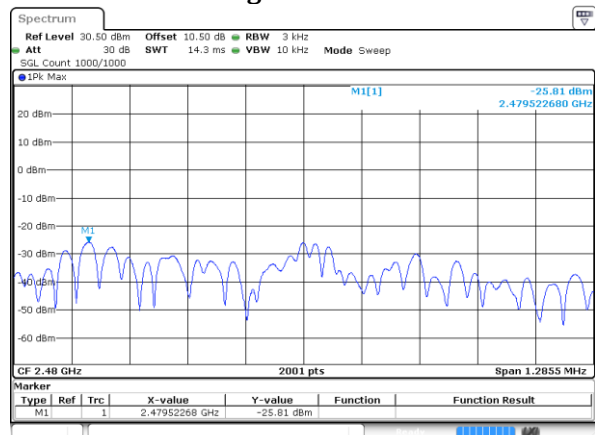
ProjectNo.: RKS240819001 Tester: Jason Lu
Date: 23.SEP.2024 09:25:51

Middle Channel



ProjectNo.: RKS240819001 Tester: Jason Lu
Date: 23.SEP.2024 09:29:22

High Channel



ProjectNo.: RKS240819001 Tester: Jason Lu
Date: 23.SEP.2024 09:34:45

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 *******