

FCC PART 15.247 TEST REPORT

For

SprintRay Inc

2710 Media Center Dr, Suite 100A, Los Angeles, California, 90065-1700, United States

FCC ID: 2A96L-SRP2410A

Report Type: Original Report	Product Name: SprintRay NanoPrint 3D Printer
Report Number: RKSA260428001-00C	
Report Date: 2026-07-10	
Reviewed By:	Jenny Yang
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. This report contains data that are not covered by the NVLAP accreditation.

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	7
SPECIAL ACCESSORIES	7
EQUIPMENT MODIFICATIONS	7
SUPPORT EQUIPMENT LIST AND DETAILS	8
EXTERNAL I/O CABLE.....	8
BLOCK DIAGRAM OF TEST SETUP	8
SUMMARY OF TEST RESULTS	10
TEST EQUIPMENT LIST	11
FCC §1.1310 & §2.1091 - MAXIMUM PERMISSIBLE EXPOSURE (MPE).....	13
FCC §15.203 - ANTENNA REQUIREMENT.....	15
APPLICABLE STANDARD	15
ANTENNA CONNECTOR CONSTRUCTION	15
FCC §15.207 (a) - AC LINE CONDUCTED EMISSIONS	16
APPLICABLE STANDARD	16
TEST SYSTEM SETUP.....	16
EMI TEST RECEIVER SETUP.....	16
TEST PROCEDURE	17
TEST RESULTS SUMMARY	17
TEST DATA: SEE APPENDIX	17
FCC §15.205, §15.209 & §15.247(d) – RADIATED EMISSIONS.....	18
APPLICABLE STANDARD	18
TEST SYSTEM SETUP.....	18
EMI TEST RECEIVER SETUP.....	19
TEST PROCEDURE	19
TEST RESULTS SUMMARY	20
TEST DATA: SEE APPENDIX	20
FCC §15.247(a) (1)-CHANNEL SEPARATION TEST	21
APPLICABLE STANDARD	21
TEST PROCEDURE	21
TEST DATD: SEE APPENDIX	21
FCC §15.247(a) (1) – 20 dB EMISSION BANDWIDTH.....	22
APPLICABLE STANDARD	22
TEST PROCEDURE	22
TEST DATD: SEE APPENDIX	22
FCC §15.247(a) (1) (iii)-QUANTITY OF HOPPING CHANNEL TEST	23
APPLICABLE STANDARD	23
TEST PROCEDURE	23

TEST DATD: SEE APPENDIX	23
FCC §15.247(a) (1) (iii) - TIME OF OCCUPANCY (DWELL TIME).....	24
APPLICABLE STANDARD	24
TEST PROCEDURE	24
TEST DATD: SEE APPENDIX	24
FCC §15.247(b) (1) - PEAK OUTPUT POWER MEASUREMENT	25
APPLICABLE STANDARD	25
TEST PROCEDURE	25
TEST DATD: SEE APPENDIX	25
FCC §15.247(d) - BAND EDGES & CONDUCTED SPURIOUS EMISSION	26
APPLICABLE STANDARD	26
TEST PROCEDURE	26
TEST DATD: SEE APPENDIX	27
APPENDIX - TEST DATA.....	28
AC LINE CONDUCTED EMISSIONS	28
RADIATED EMISSIONS & RESTRICTED BANDS EMISSIONS	31
CHANNEL SEPARATION TEST	51
20 dB BANDWIDTH TEST	53
QUANTITY OF HOPPING CHANNEL TEST	59
TIME OF OCCUPANCY (DWELL TIME).....	61
PEAK OUTPUT POWER MEASUREMENT	65
BAND EDGES.....	68
CONDUCTED SPURIOUS EMISSION	71
EUT PHOTOGRAPHS	74
TEST SETUP PHOTOGRAPHS	75

REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	RKSA260428001-00C	R1V1	2026-07-10	Initial Release

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Applicant:	SprintRay Inc
Tested Model:	SRP2410A
Product Name:	SprintRay NanoPrint 3D Printer
Power Supply:	AC 100 – 240V
Maximum Output Power:	GFSK: 4.45 dBm $\pi/4$ -DQPSK: 8.46 dBm 8DPSK: 9.11 dBm
RF Function:	Classic BT
Operating Band/Frequency:	2402-2480 MHz
Channel Number:	79
Channel Separation:	1 MHz
Modulation Type:	GFSK, $\pi/4$ -DQPSK, 8DPSK
★Maximum Antenna Gain:	3.47 dBi

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: RKSA260428001-1 (Assigned by the BACL (Kunshan). The EUT supplied by the applicant was received on 2026-04-28.)

Objective

This test report is prepared for *SprintRay Inc* in accordance with Part 2-Subpart J, Part 15-Subparts A and C of the Federal Communication Commissions rules.

The tests were performed in order to determine Compliance with FCC Part 15, Subpart C, 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 C63.10-2020+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-2024[▲], American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices and 558074 D01 15.247 Meas Guidance v05r02.

Measurement Uncertainty

Item		Uncertainty
AC Power Lines Conducted Emissions		3.19dB
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

Channel list:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	40	2442
1	2403	...	...
...	...	...	...
...	...	78	2480
39	2441	/	/

EUT was tested with Channel 0, 39 and 78.

EUT Exercise Software

RF Test Tool: adb

★Power level: Default

Note: The power level was declared by the applicant.

Special Accessories

No special accessory.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

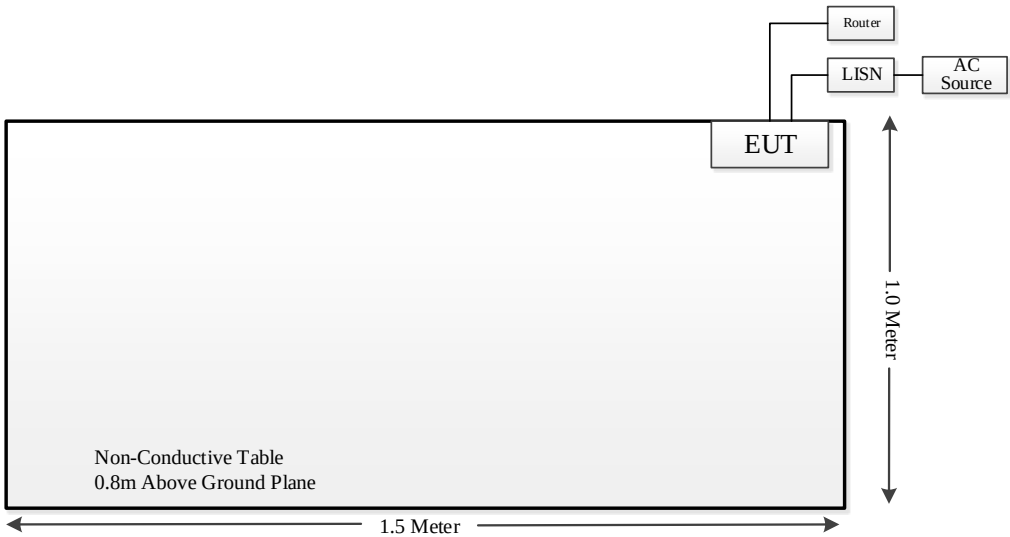
Manufacturer	Description	Model	Serial Number
TP-LINK	Router	TL-XDR3010	/

External I/O Cable

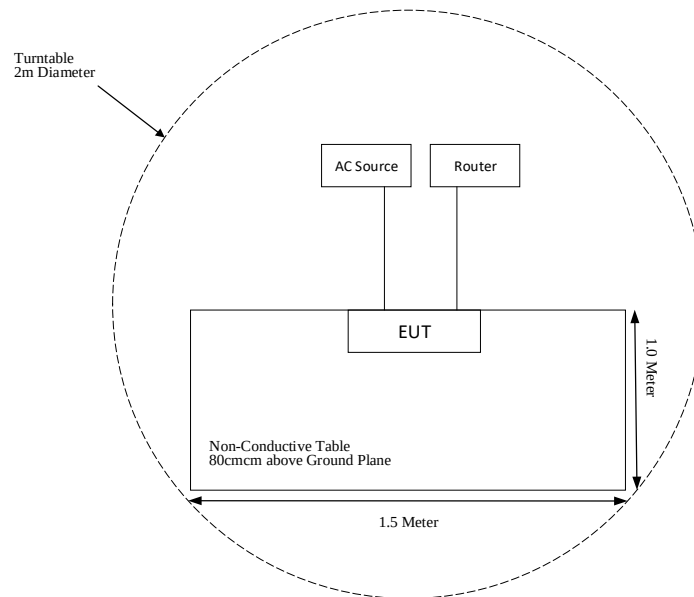
Cable Description	Length (m)	From Port	To Port
RJ45 Cable	5.0	EUT	Router
Power Cable	1.5	EUT	AC Source/Lisn

Block Diagram of Test Setup

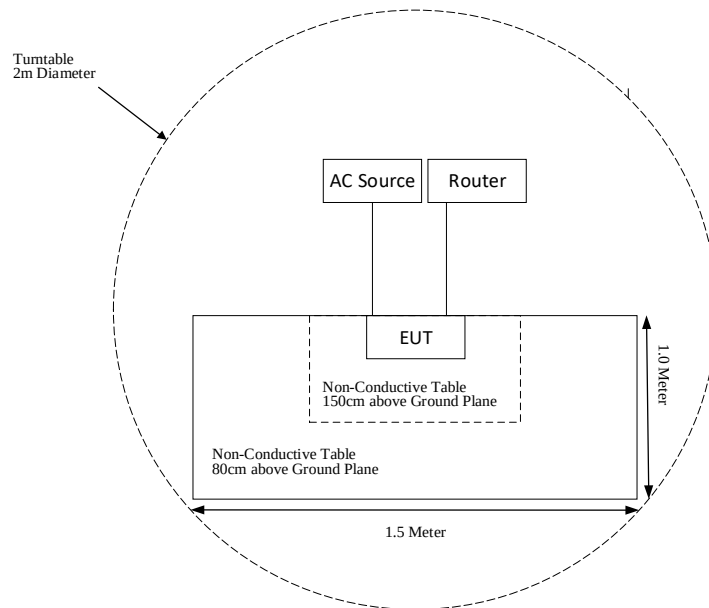
For Conducted Emissions:



For Radiated Emissions (Below 1GHz):



For Radiated Emissions (Above 1GHz):



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§1.1310 & §2.1091	MAXIMUM PERMISSIBLE EXPOSURE (MPE)	Compliant
§15.203	Antenna Requirement	Compliant
§15.207(a)	AC Line Conducted Emissions	Compliant
§15.205, §15.209 & §15.247(d)	Radiated Emissions & Restricted Bands Emissions	Compliant
§15.247(a)(1)	20 dB Emission Bandwidth	Compliant
§15.247(a)(1)	Channel Separation Test	Compliant
§15.247(a)(1)(iii)	Time of Occupancy (Dwell Time)	Compliant
§15.247(a)(1)(iii)	Quantity of hopping channel Test	Compliant
§15.247(b)(1)	Peak Output Power Measurement	Compliant
§15.247(d)	Band edges & Conducted Spurious Emission	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	2026-03-13	2027-03-12
Sunol Sciences	Hybrid 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	2025-08-10	2028-08-09
Sonoma Instrument	Amplifier	310N	171205	2026-03-13	2027-03-12
Rohde & Schwarz	Auto Test Software	EMC32	100361	N/A	N/A
MICRO-COAX	Coaxial Cable	Cable-7	007	2026-03-16	2027-03-15
MICRO-COAX	Coaxial Cable	Cable-8	008	2026-03-13	2027-03-12
MICRO-COAX	Coaxial Cable	Cable-9	009	2026-03-13	2027-03-12
MICRO-COAX	Coaxial Cable	Cable-10	010	2026-03-13	2027-03-12
Radiated Emission Test (Chamber #2)					
Rohde & Schwarz	EMI Test Receiver	ESU40	100207/040	2026-03-16	2027-03-15
EMCO	Horn Antenna	3115	9207-3900	2024-11-03	2027-11-02
ETS-LINDGREN	Horn Antenna	3116	2516	2024-12-12	2027-12-11
A.H.Systems,inc	Amplifier	PAM-0118P	512	2026-03-16	2027-03-15
SELECTOR	Amplifier	EM18G40G	60726	2026-03-13	2027-03-12
MICRO-TRONICS	Band Reject Filter	BRM50702	G024	2026-03-13	2027-03-12
Narda	Attenuator	10dB	010	2026-03-13	2027-03-12
Rohde & Schwarz	Auto test Software	EMC32	100361	N/A	N/A
MICRO-COAX	Coaxial Cable	Cable-11	011	2026-03-16	2027-03-15
MICRO-COAX	Coaxial Cable	Cable-12	012	2026-03-16	2027-03-15
MICRO-COAX	Coaxial Cable	Cable-13	013	2026-03-16	2027-03-15
MICRO-COAX	Coaxial Cable	Cable-25	025	2026-03-12	2027-03-11

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
RF Conducted Test					
Rohde & Schwarz	Signal Analyzer	FSV40-N	103298	2026-03-13	2027-03-12
Narda	Attenuator	10dB	010	2026-03-13	2027-03-12
XHFDZ	RG316 Coaxial Cable	SMA-316	XHF-1175	Each time	N/A
Conducted Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESR3	1316.3003K03-101746-zn	2026-03-13	2027-03-12
Rohde & Schwarz	LISN	ENV216	101115	2026-03-12	2027-03-11
Audix	Test Software	e3	V9	N/A	N/A
Rohde & Schwarz	Pulse limiter	ESH3-Z2	100552	2026-03-12	2027-03-11
MICRO-COAX	Coaxial Cable	Cable-15	015	2026-03-13	2027-03-12

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 §1.1310 & §2.1091 - MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Applicable Standard

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

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

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

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

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

Calculated Formulary

Predication of MPE limit at a given distance

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

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

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

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

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

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

Calculated Data:

Mode	Frequency Range (MHz)	Antenna Gain		★Tune-up Output Power		Evaluation Distance (cm)	Power Density (mW/cm ²)	MPE Limit (mW/cm ²)
		(dBi)	(numeric)	(dBm)	(mW)			
2.4G WiFi	2412-2462	3.47	2.22	24.0	251.19	20	0.1109	1.0
BLE	2402-2480	3.47	2.22	5.50	3.55	20	0.0016	1.0
BT	2402-2480	3.47	2.22	9.50	8.91	20	0.0039	1.0
5G WiFi	5150-5250	1.89	1.55	16.0	39.81	20	0.0123	1.0
	5250-5350	2.00	1.58	13.5	22.39	20	0.0071	1.0
	5470-5725	2.06	1.61	10.0	10.00	20	0.0032	1.0
	5725-5850	1.28	1.34	17	50.12	20	0.0134	1.0
NFC	13.56	/	/	-30.02	0.0010	20	<0.0001	0.98
NFC field strength is 65.18 dBμV/m = -30.02 dBm (0.0010mW) EIRP. That equal to antenna gain is 0 dBi and used the EIRP value as conducted power.								

Note:

1. For the above tune up power were declared by the manufacturer.
2. Note: $E[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] + 95.2$ for $d = 3 \text{ m}$.
3. The BT, Wi-Fi and NFC can be transmitting simultaneously, So

$$\sum_i \frac{S_i}{S_{\text{Limit},i}} = 0.0016 + 0.1109 + 0.0001 = 0.1126 < 1.0$$

Result: The device meet FCC MPE at 20 cm distance.

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 have a PCB antenna which permanently attached to the unit. Fulfill the requirement of this section. Please refer to the EUT photos.

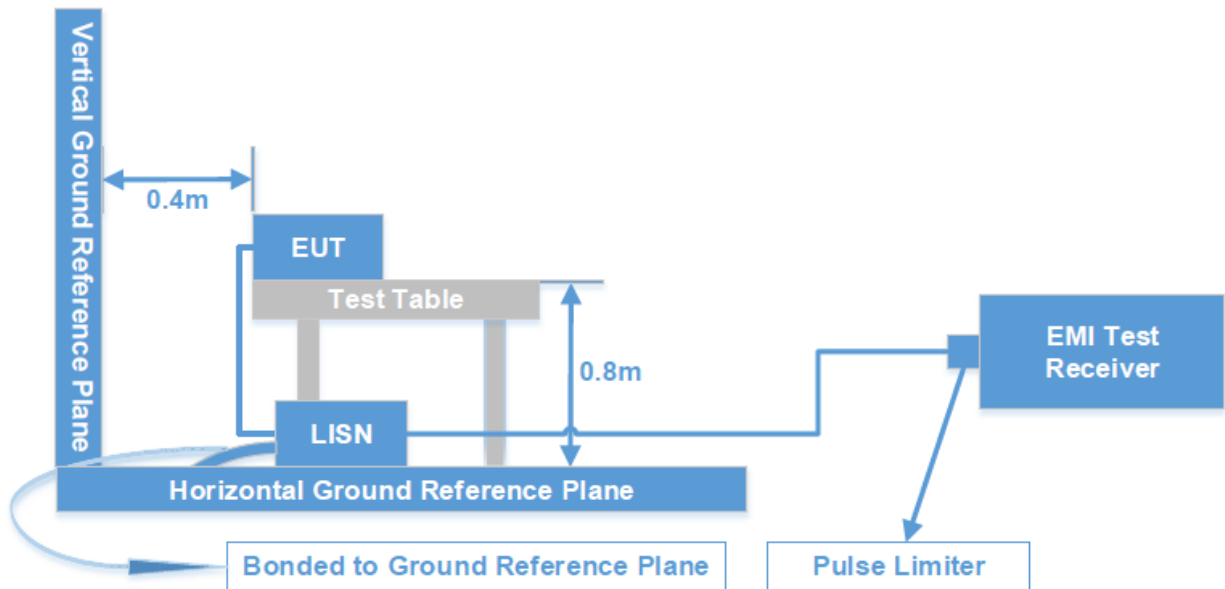
Result: Compliant.

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 C63.10-2020. The related limit was specified in FCC Part 15.207.

EMI Test Receiver Setup

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

Frequency Range	RBW
150 kHz - 30 MHz	9 kHz

Test Procedure

ANSI C63.10-2020 clause 6.2

During the conducted emission test, the EUT or 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:

$$\begin{aligned}\text{Factor (dB)} &= \text{LISN VDF (dB)} + \text{Cable Loss (dB)} + \text{Transient Limiter Attenuation (dB)} \\ \text{Level (dB}\mu\text{V)} &= \text{Read level (dB}\mu\text{V)} + \text{Factor (dB)}\end{aligned}$$

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:

$$\text{Over Limit (dB)} = \text{Level (dB}\mu\text{V)} - \text{Limit (dB}\mu\text{V)}$$

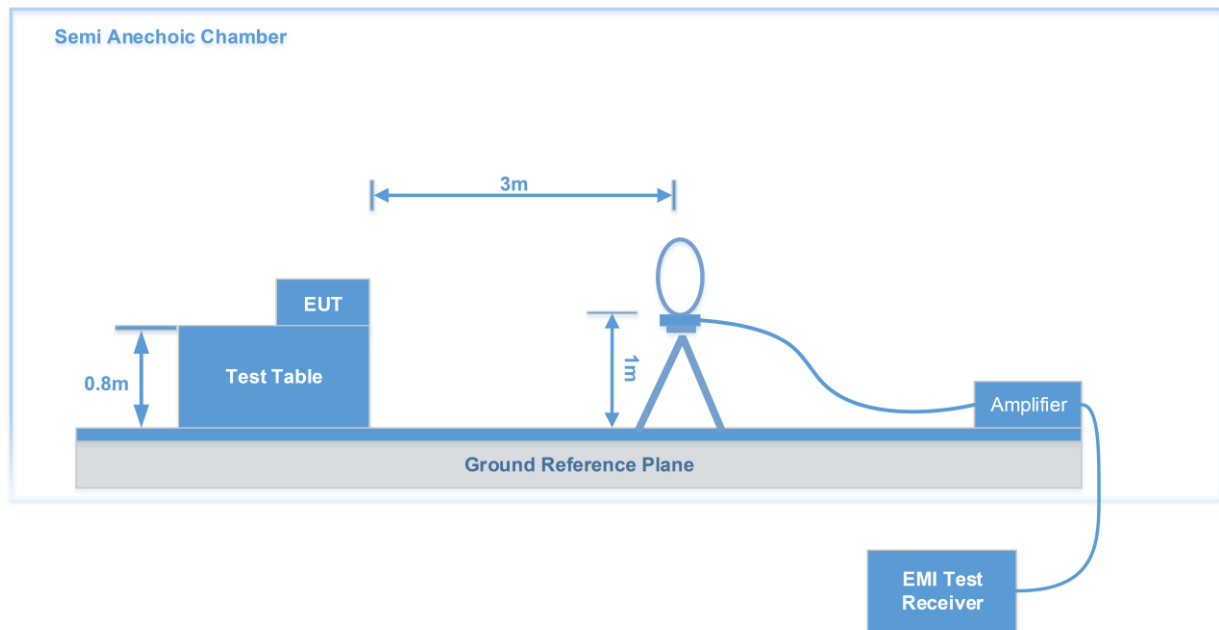
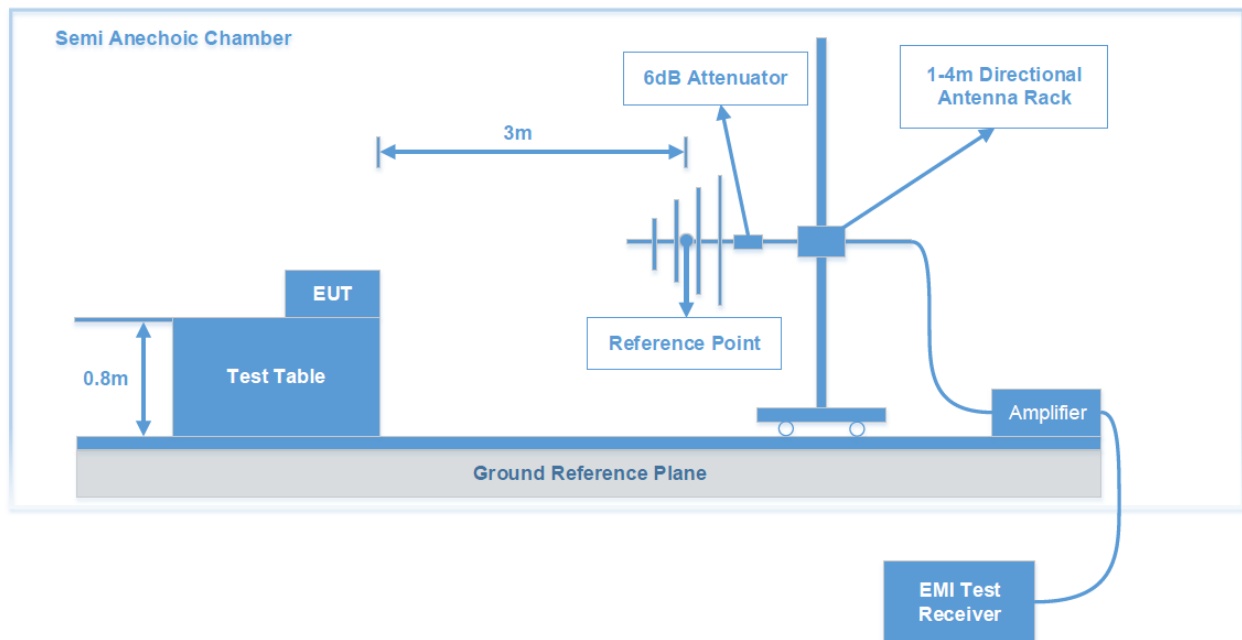
Test Results Summary

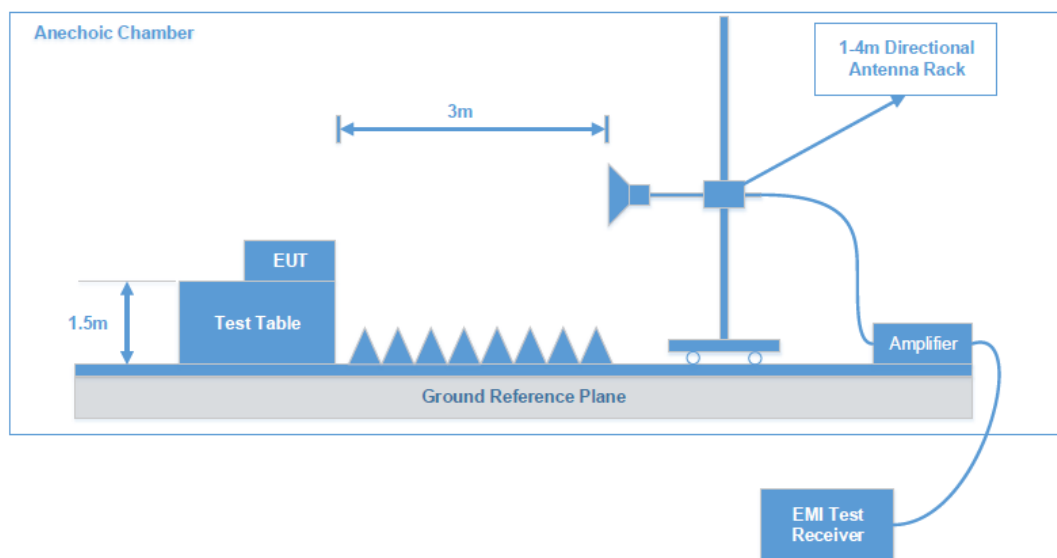
According to the recorded data in following table, the EUT complied with the FCC Part 15.207.

Test Data: See Appendix

FCC §15.205, §15.209 & §15.247(d) – RADIATED EMISSIONS**Applicable Standard**

FCC §15.205; §15.209; §15.247(d)

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

Above 1 GHz:

The radiated emission tests were performed in the 3 meters, using the setup accordance with the ANSI C63.10-2020. The specification used was the FCC 15.209 and FCC 15.247 limits.

EMI Test Receiver 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	Peak/QP
150 kHz – 30 MHz	9 kHz	30 kHz	9 kHz	Peak/QP	Peak/QP
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

Test Procedure

According to ANSI C63.10-2020 clause 6.4, 6.5 and 6.6.

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.

Data was recorded in Quasi-peak detection mode for frequency range of 9 kHz -1 GHz, except 9-90 kHz, 110-490 kHz, employing an average detector, peak and Average detection modes for frequencies above 1 GHz.

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) (1)-CHANNEL SEPARATION TEST

Applicable Standard

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater provided the systems operate with an output power no greater than 125 mW.

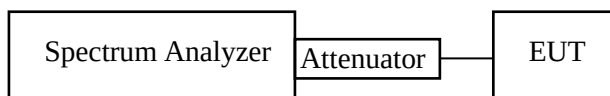
Test Procedure

According to ANSI C63.10a-2024 sub-clause 7.8.2

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

- Span: Wide enough to capture the peaks of two adjacent channels.
- RBW: Start with the RBW set to approximately 30% of the channel spacing; adjust as necessary to best identify the center of each individual channel.
- Video (or average) bandwidth (VBW) $\geq 1/10^{\text{th}}$ the RBW.
- Sweep: Auto.
- Detector function: Peak.
- Trace: Max hold.
- Allow the trace to stabilize.

Use the marker-delta function to determine the separation between the peaks of the adjacent channels.



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

Test Datd: See Appendix

FCC §15.247(a) (1) – 20 dB EMISSION BANDWIDTH

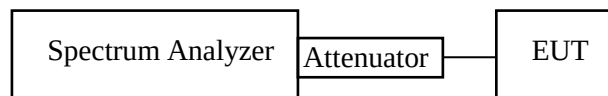
Applicable Standard

Alternatively, frequency hopping systems operating in the 2400–2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

Test Procedure

According to ANSI C63.10-2020 sub-clause 6.9.2

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 it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
3. Measure the frequency difference of two frequencies that were attenuated 20 dB from the reference level. Record the frequency difference as the emission bandwidth.
4. Repeat above procedures until all frequencies measured were complete.



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

Test Datd: See Appendix

FCC §15.247(a) (1) (iii)-QUANTITY OF HOPPING CHANNEL TEST

Applicable Standard

Frequency hopping systems in the 2400–2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

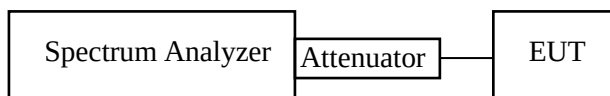
Test Procedure

According to ANSI C63.10a-2024 sub-clause 7.8.3

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

- a. Span: The frequency band of operation. Depending on the number of channels the device supports, it may be necessary to divide the frequency range of operation across multiple spans, to allow the individual channels to be clearly seen.
- b. RBW: To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller.
- c. VBW $\geq 1/10^{\text{th}}$ the RBW.
- d. Sweep: Auto.
- e. Detector function: Peak.
- f. Trace: Max hold.
- g. Allow the trace to stabilize.

It might prove necessary to break the span up into subranges to show clearly all of the hopping frequencies.



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

Test Datd: See Appendix

FCC §15.247(a) (1) (iii) - TIME OF OCCUPANCY (DWELL TIME)

Applicable Standard

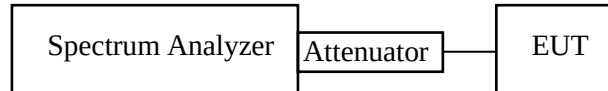
Frequency hopping systems in the 2400-2483.5 MHz shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

Test Procedure

According to ANSI C63.10-2020 sub-clause 7.8.4

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

- a. Span: Zero span, centered on a hopping channel.
- b. RBW shall be $\leq$ channel spacing and where possible RBW should be set $\geq 1 / T$, where T is the expected dwell time per channel.
- c. Sweep: As necessary to capture the entire dwell time per hopping channel; where possible use a video trigger and trigger delay so that the transmitted signal starts a little to the right of the start of the plot. The trigger level might need slight adjustment to prevent triggering when the system hops on an adjacent channel; a second plot might be needed with a longer sweep time to show two successive hops on a channel.
- d. Detector function: Peak.
- e. Trace: Max hold.



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

Test Datd: See Appendix

FCC §15.247(b) (1) - PEAK OUTPUT POWER MEASUREMENT

Applicable Standard

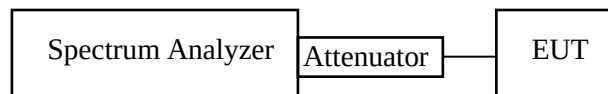
According to §15.247(b) (1), for frequency hopping systems operating in the 2400–2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725–5850 MHz band: 1 watt. And for all other frequency hopping systems in the 2400–2483.5 MHz band: 0.125 watts.

Test Procedure

According to ANSI C63.10-2020 sub-clause 7.8.5

a. Use the following spectrum analyzer settings:

- 1) Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel.
 - 2) RBW > 20 dB bandwidth of the emission being measured.
 - 3) VBW $\geq$ RBW.
 - 4) Sweep: Auto.
 - 5) Detector function: Peak.
 - 6) Trace: Max hold.
- b. Allow trace to stabilize.
- c. Use the marker-to-peak function to set the marker to the peak of the emission.
- d. The indicated level is the peak output power, after any corrections for external attenuators and cables.
- e. A plot of the test results and setup description shall be included in the test report.



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

Test Datd: See Appendix

FCC §15.247(d) - BAND EDGES & CONDUCTED SPURIOUS EMISSION

Band Edges

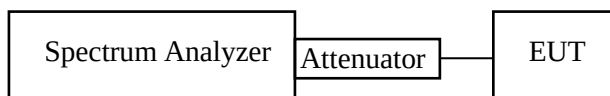
Applicable Standard

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 C63.10-2020 sub-clause 7.8.7

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Remove the antenna from the EUT and then connect to a low loss RF cable from the antenna port to a EMI test receiver, then turn on the EUT and make it operate in transmitting mode. Then set it to Low Channel and High Channel within its operating range, and make sure the instrument is operated in its linear range.
3. Set RBW of spectrum analyzer to 100 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.



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

Conducted Spurious Emission

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)).

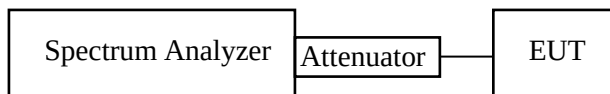
Test Procedure

Test Method: ANSI C63.10-2020 Clause 7.8.7.1

To demonstrate compliance with the relative out-of-band emissions requirements conducted spurious emissions shall be measured for the transmit frequencies, per 5.5 and 5.6, and at the maximum transmit powers. Frequency hopping shall be disabled for this test with the exception of measurements at the allocated band-edges which shall be repeated with hopping enabled.

Connect the primary antenna port through an attenuator to the spectrum analyzer input; in the results, account for all losses between the unlicensed wireless device output and the spectrum analyzer. The frequency range of testing shall span 30 MHz to 10 times the operating frequency and this may be done in a single sweep or, to aid resolution, across a number of sweeps. The resolution bandwidth shall be 100 kHz, video bandwidth 300 kHz, and a coupled sweep time with a peak detector.

The limit is based on the highest in-band level across all channels measured using the same instrument settings (resolution bandwidth of 100 kHz, video bandwidth of 300 kHz, and a coupled sweep time with a peak detector). To help clearly demonstrate compliance a display line may be set at the required offset (typically 20 dB) below the highest in-band level. Where the highest in-band level is not clearly identified in the out-of-band measurements a separate spectral plot showing the in-band level shall be provided.



Note: Offset (13dB) = Attenuator (10dB) + Cable Loss (3.0dB)

Test Datd: See Appendix

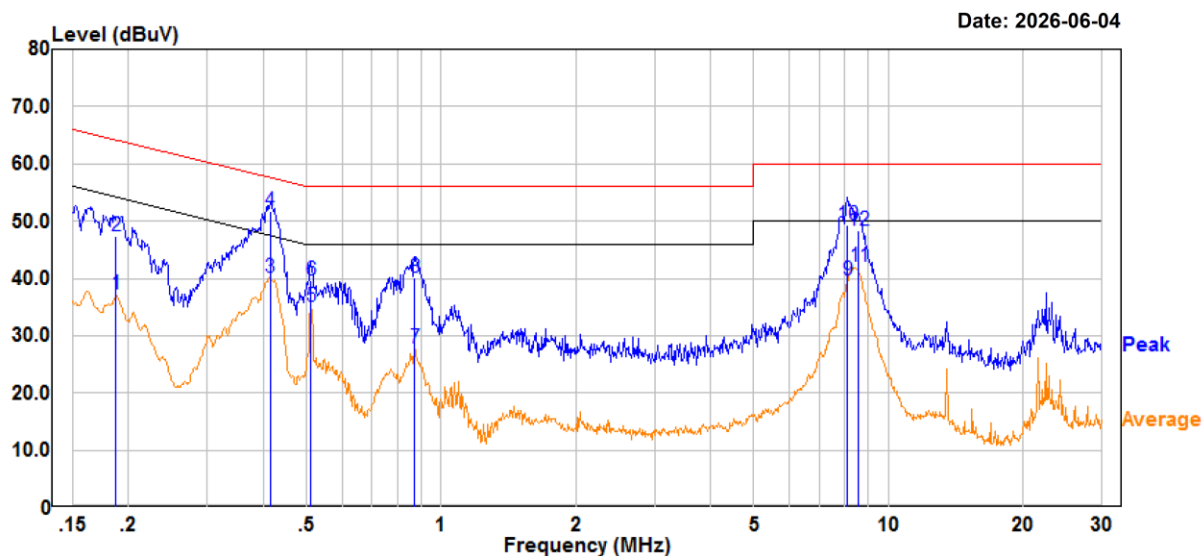
APPENDIX - TEST DATA

AC LINE CONDUCTED EMISSIONS

Environmental Conditions & Test Information

Test Date:	2026-06-04
Temperature:	25.3 °C
Relative Humidity:	57 %
ATM Pressure:	100.2 kPa
Test Result:	Pass
Test Engineer:	Aiden Feng

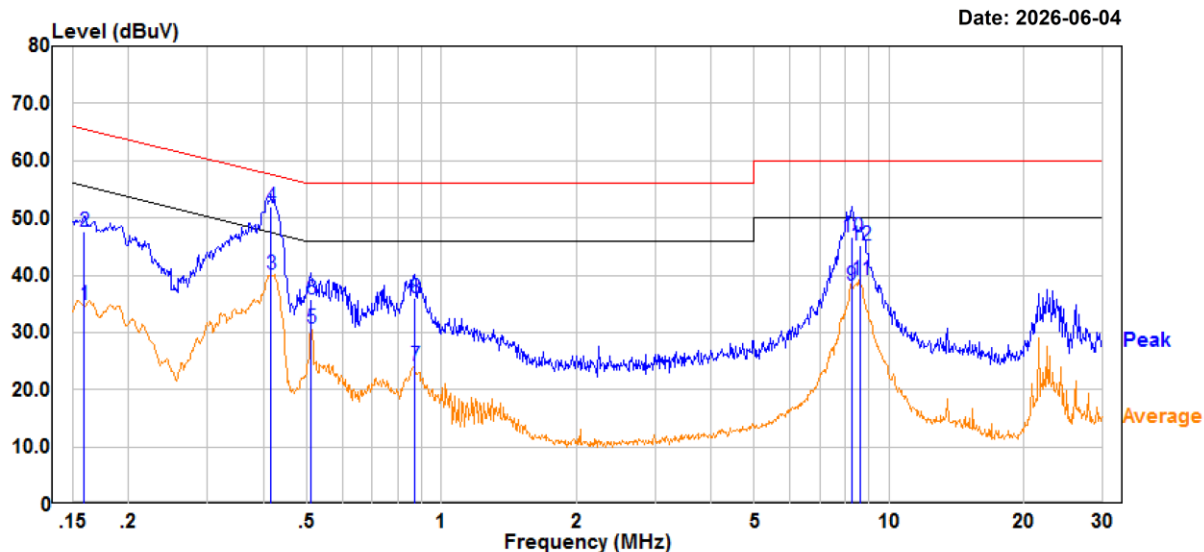
EUT operation mode: Transmitting in maximum output power 3DH1 Mode low channel



Trace: 1

Site : CE
 Condition : limit\FCC PART 15.207\FCC 15.207 QP.csv Line
 : DET:Peak
 Project No. : RKSA260428001
 Model : SRP2410A
 Phase : L
 Voltage : 120V/60Hz
 Mode : BT
 Test Equipment : ENV216,ESR3
 Receiver Setting : RBW: 9 kHz,Sweep Time: Auto
 Temperature : 25.3°C
 Humidity : 57%
 Atmospheric pressure: 100.2kPa
 Test Engineer : Aiden Feng
 Check by : Bard Liu

	Read			Limit	Over	
	Freq	Level	Factor	Level	Line	Limit Remark
	MHz	dBuV	dB	dBuV	dBuV	dB
1	0.188	16.90	20.41	37.31	54.14	-16.83 Average
2	0.188	26.90	20.41	47.31	64.14	-16.83 QP
3	0.415	19.80	20.40	40.20	47.55	-7.35 Average
4	0.415	31.30	20.40	51.70	57.55	-5.85 QP
5	0.511	14.70	20.29	34.99	46.00	-11.01 Average
6	0.511	19.40	20.29	39.69	56.00	-16.31 QP
7	0.871	7.40	20.35	27.75	46.00	-18.25 Average
8	0.871	19.80	20.35	40.15	56.00	-15.85 QP
9	8.088	19.10	20.48	39.58	50.00	-10.42 Average
10	8.088	28.80	20.48	49.28	60.00	-10.72 QP
11	8.586	21.50	20.49	41.99	50.00	-8.01 Average
12	8.586	27.80	20.49	48.29	60.00	-11.71 QP



Trace: 1

Site : CE
Condition : limit\FCC PART 15.207\FCC 15.207 QP.csv Neutral
: DET:Peak
Project No. : RKSA260428001
Model : SRP2410A
Phase : N
Voltage : 120V/60Hz
Mode : BT
Test Equipment : ENV216,ESR3
Receiver Setting : RBW: 9 kHz,Sweep Time: Auto
Temperature : 25.3°C
Humidity : 57%
Atmospheric pressure: 100.2kPa
Test Engineer : Aiden Feng
Check by : Bard Liu

		Read			Limit	Over	
	Freq	Level	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.159	14.50	20.41	34.91	55.50	-20.59	Average
2	0.159	27.20	20.41	47.61	65.50	-17.89	QP
3	0.417	19.70	20.41	40.11	47.51	-7.40	Average
4	0.417	31.50	20.41	51.91	57.51	-5.60	QP
5	0.511	10.40	20.30	30.70	46.00	-15.30	Average
6	0.511	15.50	20.30	35.80	56.00	-20.20	QP
7	0.871	3.90	20.37	24.27	46.00	-21.73	Average
8	0.871	15.60	20.37	35.97	56.00	-20.03	QP
9	8.250	17.71	20.49	38.20	50.00	-11.80	Average
10	8.250	26.21	20.49	46.70	60.00	-13.30	QP
11	8.629	18.69	20.51	39.20	50.00	-10.80	Average
12	8.629	24.69	20.51	45.20	60.00	-14.80	QP

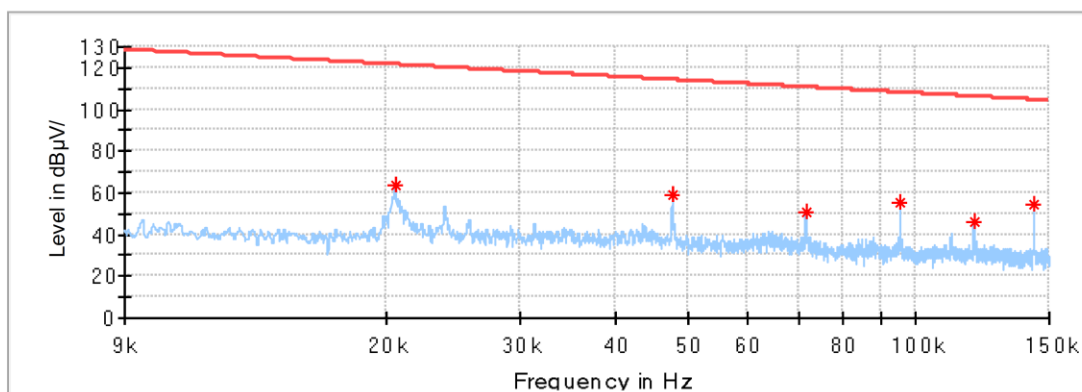
RADIATED EMISSIONS & RESTRICTED BANDS EMISSIONS**Environmental Conditions & Test Information**

Test Item:	SPURIOUS EMISSIONS				
	9 kHz-30MHz	30 MHz – 1 GHz	1 GHz - 18 GHz		18 GHz - 25 GHz
Test Date:	2026-05-29	2026-05-29	2026-06-09	2026-07-10	2026-06-10
Temperature:	22.5 °C	22.5 °C	24.1 °C	25.6 °C	26.3 °C
Relative Humidity:	54 %	54 %	42 %	47 %	58 %
ATM Pressure:	101.3 kPa	101.3 kPa	101.3 kPa	100.9 kPa	101.3 kPa
Test Result:	Pass	Pass	Pass	Pass	Pass
Test Engineer:	Scarf Yang	Scarf Yang	Destine Hu	Destine Hu	Hugh Wu

EUT operation mode: Transmitting

9kHz-150kHz: (Transmitting maximum output power 3DH1 Mode low channel)**Parallel(worst case)****low Channel: 2402 MHz****Common Information**

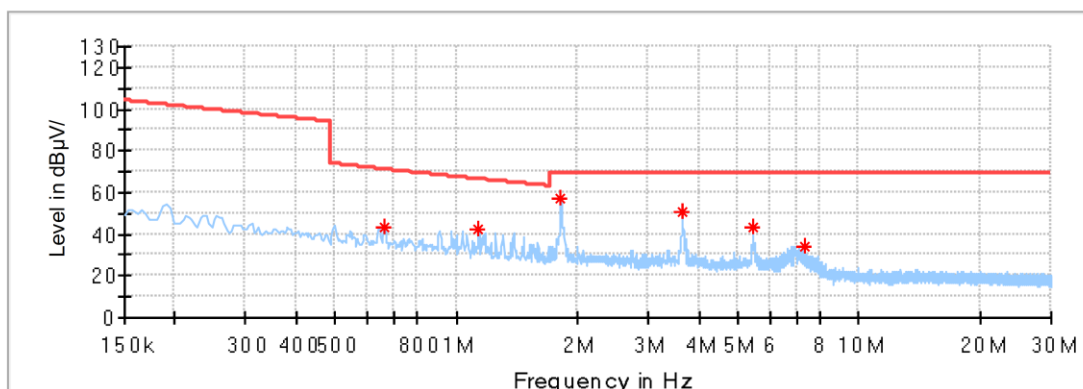
Project No:	RKSA260428001
EUT Model:	SRP2410A
Test Mode:	Transmitting in 3DH1 mode low channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment:	ESCI, 1313-1A, 310N
Receiver Setting:	RBW: 200 Hz, VBW: 1 kHz, Sweep Time: Auto
Temperature:	22.5°C
Humidity:	54%
Barometric Pressure:	101.3 kPa
Test Engineer:	Scarf Yang
Check by:	Jenny Yang
Test Date:	2026/5/29

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.020492	63.47	121.37	57.90	Parallel	-0.1
0.047687	58.99	114.03	55.05	Parallel	-2.9
0.071551	50.62	110.51	59.89	Parallel	-5.8
0.095398	55.73	108.02	52.29	Parallel	-8.1
0.119227	46.54	106.07	59.54	Parallel	-9.3
0.143073	54.63	104.49	49.86	Parallel	-10.3

150kHz-30MHz: (Transmitting maximum output power 3DH1 Mode low channel)**Parallel(worst case)****low Channel: 2402 MHz****Common Information**

Project No:	RKSA260428001
EUT Model:	SRP2410A
Test Mode:	Transmitting in 3DH1 mode low channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment:	ESCI, 1313-1A, 310N
Receiver Setting:	RBW: 9 kHz, VBW: 30 kHz, Sweep Time: Auto
Temperature:	22.5°C
Humidity:	54%
Barometric Pressure:	101.3 kPa
Test Engineer:	Scarf Yang
Check by:	Jenny Yang
Test Date:	2026/5/29

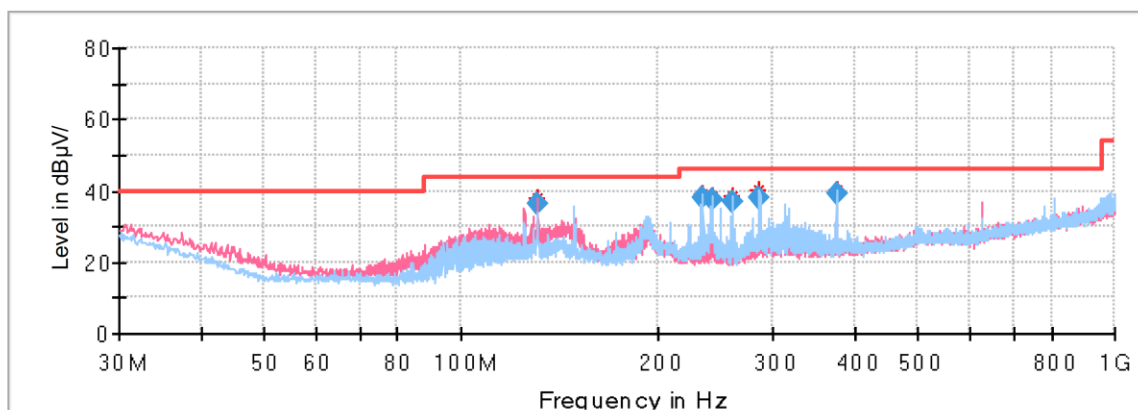
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.664912	43.56	70.99	27.43	Parallel	-23.8
1.135050	42.16	66.32	24.16	Parallel	-27.5
1.817869	56.95	69.54	12.59	Parallel	-29.8
3.634988	50.83	69.54	18.71	Parallel	-31.1
5.459569	43.49	69.54	26.05	Parallel	-31.5
7.343850	34.42	69.54	35.12	Parallel	-31.9

30 MHz - 1 GHz (Transmitting in maximum output power 3DH1 mode low channel):
low Channel: 2402 MHz

Common Information

Project No: RKSA260428001
 EUT Model: SRP2410A
 Test Mode: Transmitting in 3DH1 mode low channel
 Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
 Test Equipment: ESCI, JB3, 310N
 Receiver Setting: RBW: 100 kHz, VBW: 300 kHz, Sweep Time: Auto
 Temperature: 22.5°C
 Humidity: 54%
 Barometric Pressure: 101.3kPa
 Test Engineer: Scarf Yang
 Check by: Jenny Yang
 Test Date: 2026/5/29

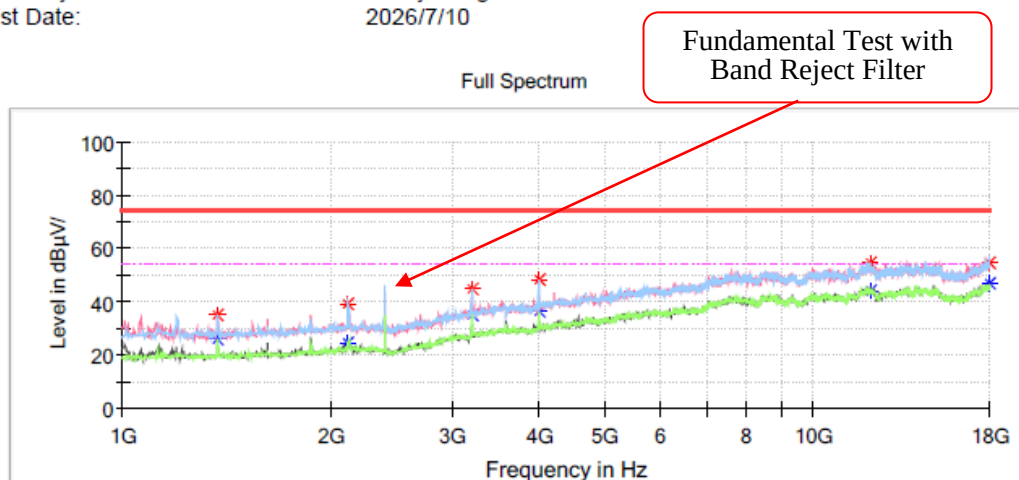


Final Result

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
130.637500	36.40	43.50	7.10	V	-10.9
234.670000	38.13	46.00	7.87	H	-12.4
242.672500	37.30	46.00	8.70	H	-12.0
260.496250	36.93	46.00	9.07	H	-11.7
286.322500	38.08	46.00	7.92	H	-10.1
375.077500	39.14	46.00	6.86	H	-8.5

1 GHz - 18 GHz:**GFSK:****Low Channel: 2402 MHz****Common Information**

Project No.:	RKSA260428001
EUT Model:	SRP2410A
Test Mode:	Transmitting in BT_1DH5 mode low channel FCC
Standard:	Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	25.6°C
Humidity:	47%
Atmospheric Pressure:	100.9kPa
Test Engineer:	Destine Hu
Check by:	Jenny Yang
Test Date:	2026/7/10

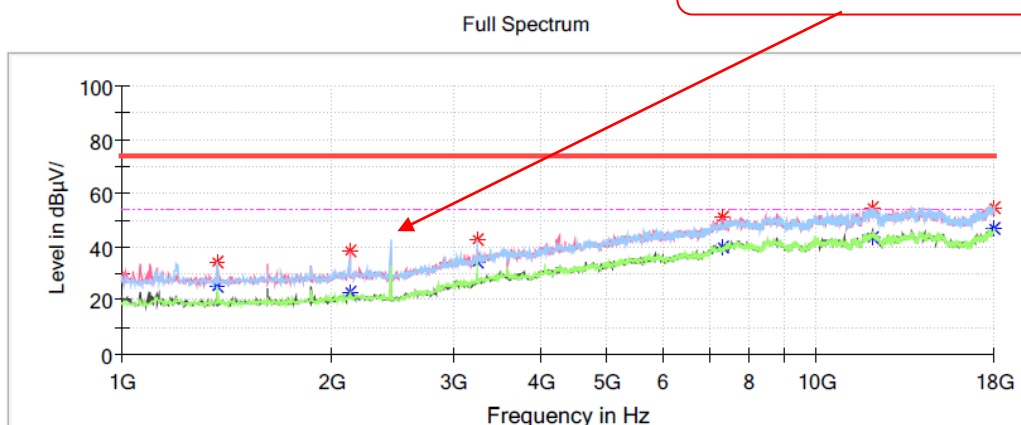
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1374.000000	35.28	---	74.00	38.72	H	-14.6
1374.000000	---	25.57	54.00	28.43	H	-14.6
2122.000000	38.99	---	74.00	35.01	H	-11.3
2122.000000	---	24.37	54.00	29.63	H	-11.3
3199.800000	44.77	---	74.00	29.23	H	-7.6
3199.800000	---	34.79	54.00	19.21	H	-7.6
4002.200000	48.06	---	74.00	25.94	H	-4.9
4002.200000	---	36.52	54.00	17.48	H	-4.9
12077.200000	---	43.93	54.00	10.07	H	9.0
12077.200000	54.44	---	74.00	19.56	H	9.0
17993.200000	54.24	---	74.00	19.76	V	13.8
17993.200000	---	46.74	54.00	7.26	V	13.8

1 GHz - 18 GHz:**Middle Channel: 2441 MHz****Common Information**

Project No.:	RKSA260428001
EUT Model:	SRP2410A
Test Mode:	Transmitting in BT_1DH5 mode middle channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	25.6℃
Humidity:	47%
Atmospheric Pressure:	100.9kPa
Test Engineer:	Destine Hu
Check by:	Jenny Yang
Test Date:	2026/7/10

Fundamental Test with
Band Reject Filter

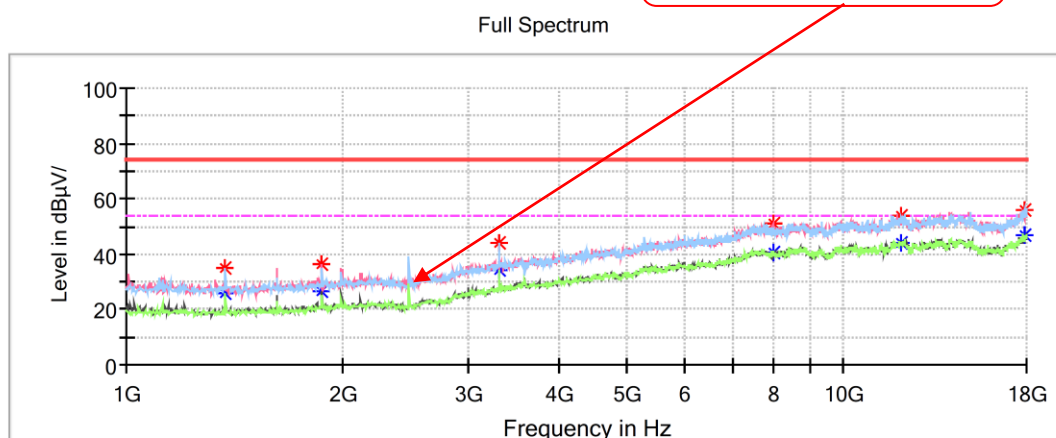
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1374.000000	---	25.31	54.00	28.69	H	-14.6
1374.000000	34.12	---	74.00	39.88	H	-14.6
2128.800000	---	22.90	54.00	31.10	V	-11.3
2128.800000	38.57	---	74.00	35.43	V	-11.3
3254.200000	---	34.02	54.00	19.98	H	-7.3
3254.200000	42.99	---	74.00	31.01	H	-7.3
7310.400000	---	39.97	54.00	14.03	V	2.7
7310.400000	50.83	---	74.00	23.17	V	2.7
12050.000000	---	43.62	54.00	10.38	H	9.0
12050.000000	54.70	---	74.00	19.30	H	9.0
17989.800000	54.84	---	74.00	19.16	H	13.8
17989.800000	---	46.83	54.00	7.17	H	13.8

1 GHz - 18 GHz:**High Channel: 2480 MHz****Common Information**

Project No.: RKSA260428001
 EUT Model: SRP2410A
 Test Mode: Transmitting in BT_1DH5 mode High channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 24.1°C
 Humidity: 42%
 Atmospheric Pressure: 101.3kPa
 Test Engineer: Destine Hu
 Check by: Jenny Yang
 Test Date: 2026/6/9

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)
1374.000000	---	25.63	54.00	28.37	H	-14.6
1374.000000	34.96	---	74.00	39.04	H	-14.6
1873.800000	---	26.77	54.00	27.23	V	-12.3
1873.800000	36.03	---	74.00	37.97	V	-12.3
3305.200000	---	34.59	54.00	19.41	H	-7.1
3305.200000	44.05	---	74.00	29.95	H	-7.1
7963.200000	---	40.85	54.00	13.15	V	3.4
7963.200000	51.30	---	74.00	22.70	V	3.4
12056.800000	---	44.06	54.00	9.94	V	9.0
12056.800000	54.16	---	74.00	19.84	V	9.0
17928.600000	56.20	---	74.00	17.80	V	13.4
17928.600000	---	46.98	54.00	7.02	V	13.4

$\pi/4$ -DQPSK:

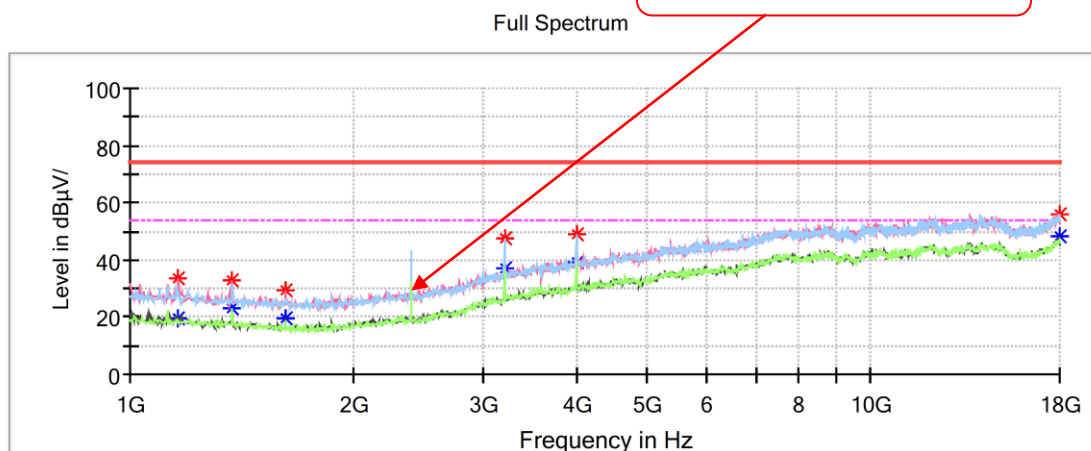
1 GHz - 18 GHz:

Low Channel: 2402 MHz

Common Information

Project No.: RKSA260428001
 EUT Model: SRP2410A
 Test Mode: Transmitting in BT_2DH5 mode low channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 24.1°C
 Humidity: 42%
 Atmospheric Pressure: 101.3kPa
 Test Engineer: Destine Hu
 Check by: Jenny Yang
 Test Date: 2026/6/9

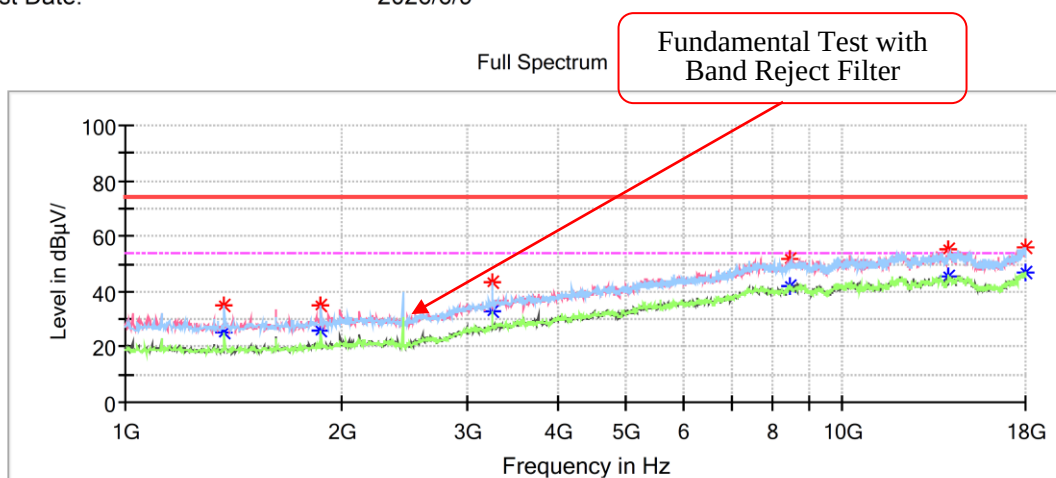
Fundamental Test with Band
Reject Filter

**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)
1163.200000	---	19.45	54.00	34.55	V	-15.5
1163.200000	33.49	---	74.00	40.51	V	-15.5
1374.000000	---	23.08	54.00	30.92	V	-14.6
1374.000000	32.89	---	74.00	41.11	V	-14.6
1622.200000	---	19.49	54.00	34.51	V	-13.5
1622.200000	29.18	---	74.00	44.82	V	-13.5
3199.800000	---	36.73	54.00	17.27	H	-7.6
3199.800000	47.39	---	74.00	26.61	H	-7.6
4002.200000	---	38.96	54.00	15.04	H	-4.9
4002.200000	48.93	---	74.00	25.07	H	-4.9
17993.200000	56.12	---	74.00	17.88	V	13.8
17993.200000	---	47.92	54.00	6.08	V	13.8

1 GHz - 18 GHz:**Middle Channel: 2441 MHz****Common Information**

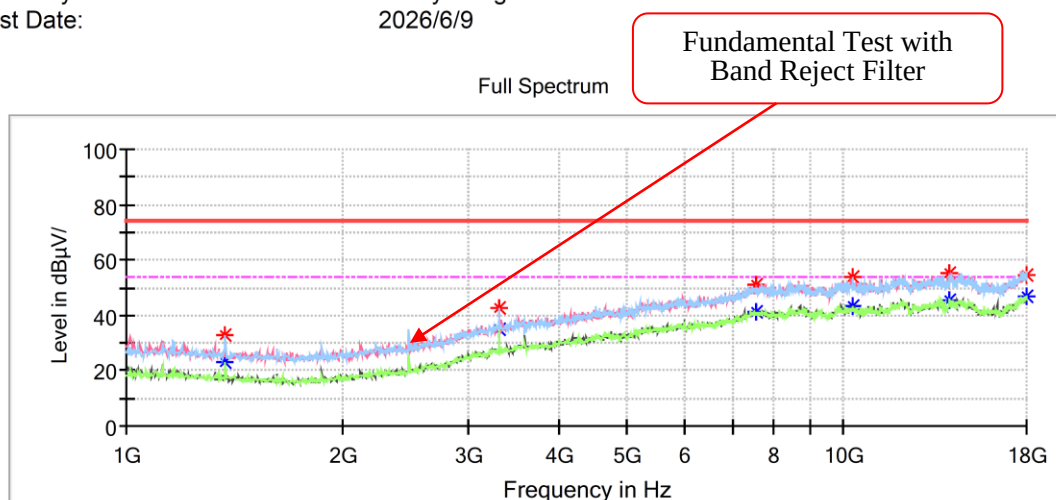
Project No.: RKSA260428001
 EUT Model: SRP2410A
 Test Mode: Transmitting in BT_2DH5 mode Middle channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 24.1℃
 Humidity: 42%
 Atmospheric Pressure: 101.3kPa
 Test Engineer: Destine Hu
 Check by: Jenny Yang
 Test Date: 2026/6/9

**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)
1374.000000	---	25.52	54.00	28.48	H	-14.6
1374.000000	35.27	---	74.00	38.73	H	-14.6
1873.800000	---	25.91	54.00	28.09	H	-12.3
1873.800000	35.22	---	74.00	38.78	H	-12.3
3254.200000	43.06	---	74.00	30.94	H	-7.3
3254.200000	---	33.10	54.00	20.90	H	-7.3
8429.000000	---	41.92	54.00	12.08	V	4.5
8429.000000	51.86	---	74.00	22.14	V	4.5
14062.800000	---	45.30	54.00	8.70	V	10.7
14062.800000	55.38	---	74.00	18.62	V	10.7
17993.200000	55.99	---	74.00	18.01	V	13.8
17993.200000	---	46.71	54.00	7.29	V	13.8

1 GHz - 18 GHz:**High Channel: 2480 MHz****Common Information**

Project No.: RKSA260428001
EUT Model: SRP2410A
Test Mode: Transmitting in BT_2DH5 mode High channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.1°C
Humidity: 42%
Atmospheric Pressure: 101.3kPa
Test Engineer: Destine Hu
Check by: Jenny Yang
Test Date: 2026/6/9

**Critical Freqs**

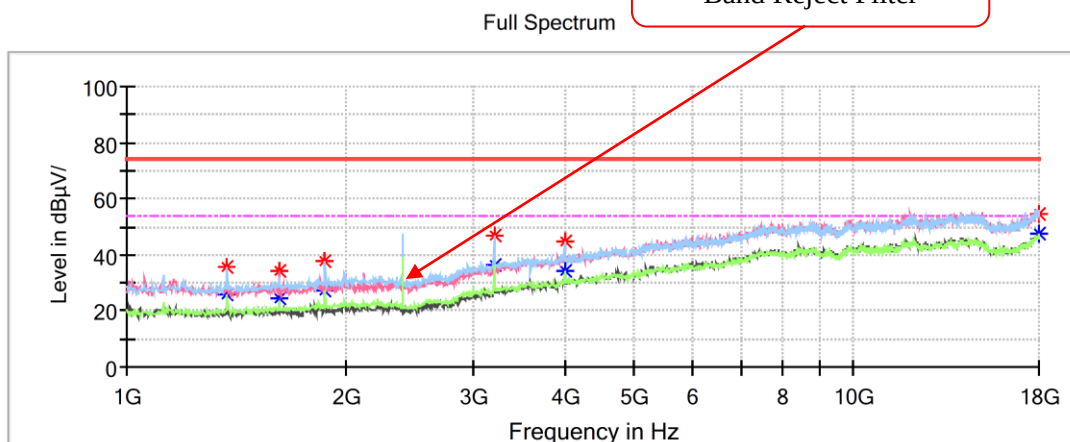
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1374.000000	---	22.91	54.00	31.09	H	-14.6
1374.000000	32.78	---	74.00	41.22	H	-14.6
3305.200000	42.64	---	74.00	31.36	H	-7.1
3305.200000	---	34.99	54.00	19.01	H	-7.1
7555.200000	---	40.98	54.00	13.02	V	3.3
7555.200000	51.22	---	74.00	22.78	V	3.3
10299.000000	---	43.49	54.00	10.51	V	6.5
10299.000000	53.92	---	74.00	20.08	V	6.5
14035.600000	---	45.13	54.00	8.87	V	10.7
14035.600000	55.33	---	74.00	18.67	V	10.7
17993.200000	54.24	---	74.00	19.76	V	13.8
17993.200000	---	47.15	54.00	6.85	V	13.8

8DPSK:**1 GHz - 18 GHz:****Low Channel: 2402 MHz**

Common Information

Project No.:	RKSA260428001
EUT Model:	SRP2410A
Test Mode:	Transmitting in BT_3DH5 mode low channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	24.1°C
Humidity:	42%
Atmospheric Pressure:	101.3kPa
Test Engineer:	Destine Hu
Check by:	Jenny Yang
Test Date:	2026/6/9

Fundamental Test with
Band Reject Filter



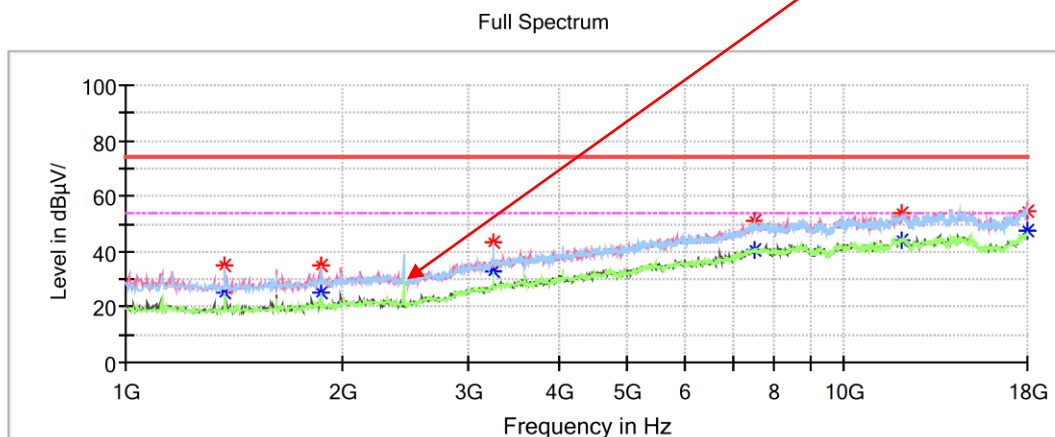
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1374.000000	---	25.55	54.00	28.45	H	-14.6
1374.000000	35.66	---	74.00	38.34	H	-14.6
1622.200000	---	24.46	54.00	29.54	V	-13.5
1622.200000	34.02	---	74.00	39.98	V	-13.5
1873.800000	---	27.24	54.00	26.76	H	-12.3
1873.800000	37.55	---	74.00	36.45	H	-12.3
3199.800000	---	36.40	54.00	17.60	H	-7.6
3199.800000	46.67	---	74.00	27.33	H	-7.6
4002.200000	---	34.38	54.00	19.62	H	-4.9
4002.200000	44.85	---	74.00	29.15	H	-4.9
17996.600000	54.60	---	74.00	19.40	H	13.8
17996.600000	---	47.54	54.00	6.46	H	13.8

1 GHz - 18 GHz:**Middle Channel: 2441 MHz****Common Information**

Project No.: RKSA260428001
EUT Model: SRP2410A
Test Mode: Transmitting in BT_3DH5 mode Middle channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.1°C
Humidity: 42%
Atmospheric Pressure: 101.3kPa
Test Engineer: Destine Hu
Check by: Jenny Yang
Test Date: 2026/6/9

Fundamental Test with
Band Reject Filter

**Critical Freqs**

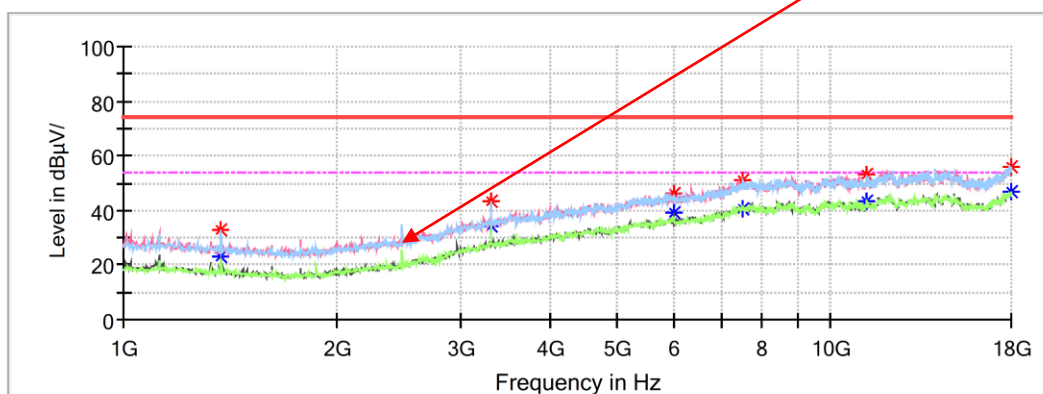
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1374.000000	---	25.23	54.00	28.77	H	-14.6
1374.000000	35.20	---	74.00	38.80	H	-14.6
1873.800000	---	25.45	54.00	28.55	H	-12.3
1873.800000	34.71	---	74.00	39.29	H	-12.3
3254.200000	---	33.13	54.00	20.87	H	-7.3
3254.200000	43.27	---	74.00	30.73	H	-7.3
7483.800000	51.32	---	74.00	22.68	V	3.2
7483.800000	---	40.33	54.00	13.67	V	3.2
12060.200000	54.15	---	74.00	19.85	V	9.0
12060.200000	---	43.92	54.00	10.08	V	9.0
17993.200000	---	47.68	54.00	6.32	V	13.8
17993.200000	54.62	---	74.00	19.38	V	13.8

1 GHz - 18 GHz:**High Channel: 2480 MHz****Common Information**

Project No.: RKSA260428001
 EUT Model: SRP2410A
 Test Mode: Transmitting in BT_3DH5 mode High channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 24.1°C
 Humidity: 42%
 Atmospheric Pressure: 101.3kPa
 Test Engineer: Destine Hu
 Check by: Jenny Yang
 Test Date: 2026/6/9

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)
1374.000000	32.68	---	74.00	41.32	H	-14.6
1374.000000	---	22.95	54.00	31.05	H	-14.6
3305.200000	43.36	---	74.00	30.64	H	-7.1
3305.200000	---	34.33	54.00	19.67	H	-7.1
5998.000000	45.91	---	74.00	28.09	V	-0.7
5998.000000	---	38.97	54.00	15.03	V	-0.7
7497.400000	---	40.87	54.00	13.13	V	3.3
7497.400000	51.21	---	74.00	22.79	V	3.3
11247.600000	53.20	---	74.00	20.80	V	7.4
11247.600000	---	43.34	54.00	10.66	V	7.4
17996.600000	55.65	---	74.00	18.35	V	13.8
17996.600000	---	46.88	54.00	7.12	V	13.8

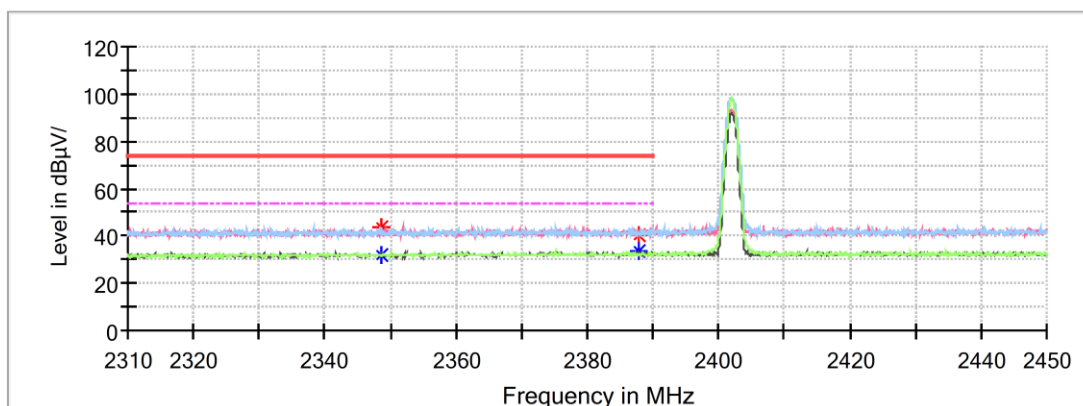
Band Edge:
GFSK:

Left Side

Common Information

Project No.:	RKSA260428001
EUT Model:	SRP2410A
Test Mode:	Transmitting in BT_1DH5 mode low channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	24.1℃
Humidity:	42%
Atmospheric Pressure:	101.3kPa
Test Engineer:	Destine Hu
Check by:	Jenny Yang
Test Date:	2026/6/9

Full Spectrum



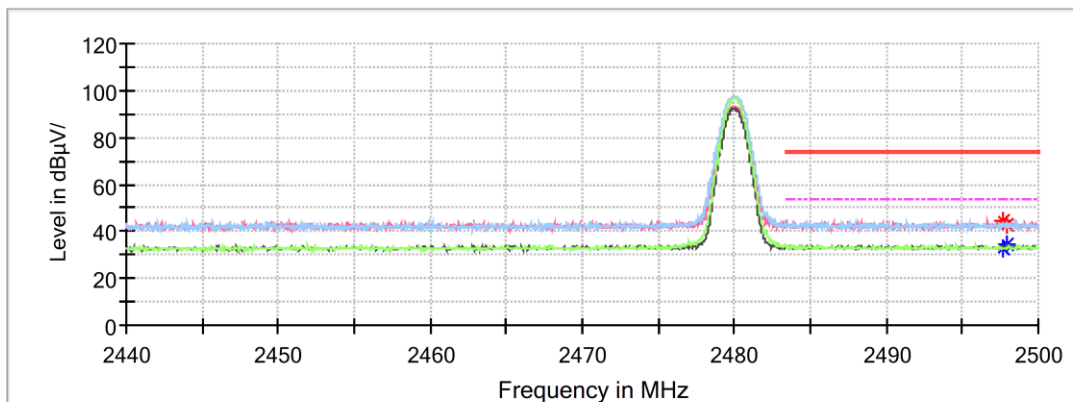
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2348.696000	43.63	---	74.00	30.37	H	-0.7
2348.696000	---	32.00	54.00	22.00	H	-0.7
2387.784000	40.62	---	74.00	33.38	H	-0.6
2387.784000	---	33.42	54.00	20.58	H	-0.6

Right Side**Common Information**

Project No.: RKSA260428001
EUT Model: SRP2410A
Test Mode: Transmitting in BT_1DH5 mode High channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.1℃
Humidity: 42%
Atmospheric Pressure: 101.3kPa
Test Engineer: Destine Hu
Check by: Jenny Yang
Test Date: 2026/6/9

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)
2497.696000	44.38	---	74.00	29.62	V	-0.3
2497.696000	---	33.00	54.00	21.00	V	-0.3
2497.888000	43.01	---	74.00	30.99	V	-0.3
2497.888000	---	34.25	54.00	19.75	V	-0.3

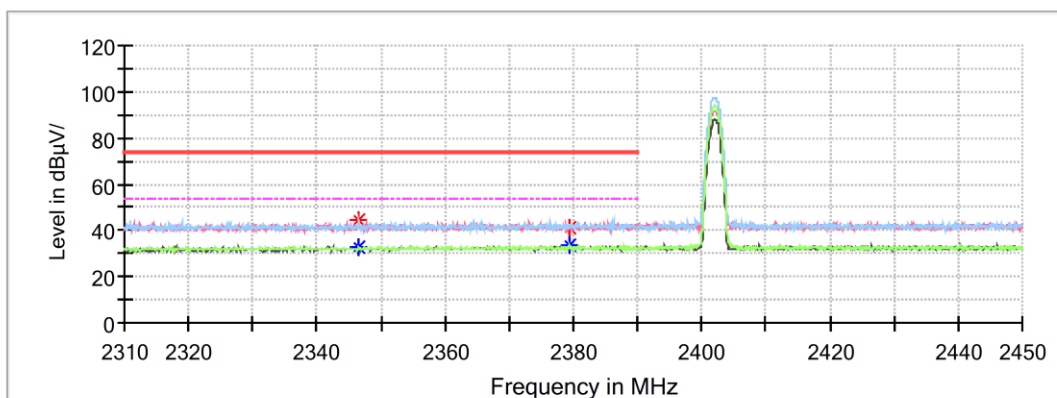
$\pi/4$ -DQPSK:

Left Side

Common Information

Project No.: RKSA260428001
EUT Model: SRP2410A
Test Mode: Transmitting in BT_2DH5 mode low channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.1℃
Humidity: 42%
Atmospheric Pressure: 101.3kPa
Test Engineer: Destine Hu
Check by: Jenny Yang
Test Date: 2026/6/9

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)
2346.624000	44.29	---	74.00	29.71	H	-0.7
2346.624000	---	32.67	54.00	21.33	H	-0.7
2379.496000	41.17	---	74.00	32.83	H	-0.6
2379.496000	---	33.41	54.00	20.59	H	-0.6