

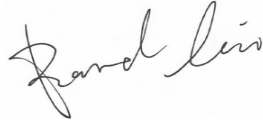
**FCC PART 15.247
TEST REPORT**

For

Shanghai Xiangcheng Communication Technology Co.,Ltd

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

FCC ID: 2A2UU-K1141

Report Type: Original Report	Product Name: A8 Smart Payment Terminal, A8K Smart Payment Terminal
Report Number: RKSA251230001-00C	
Report Date: 2026-04-08	
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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	RKSA251230001-00C	R1V1	2026-04-08	Initial Release

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Applicant	Shanghai Xiangcheng Communication Technology Co.,Ltd
Tested Model	K1141
Product Name	A8 Smart Payment Terminal, A8K Smart Payment Terminal
Power Supply	DC 5V from adapter or DC 7.2V from battery
Maximum Output Power:	GFSK: 6.14 dBm $\pi/4$ -DQPSK: 5.69 dBm 8DPSK: 5.50 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
Antenna Type	FPC Antenna
★Maximum Antenna Gain:	Configuration 1&2: 1.51 dBi Configuration 3&4: 2.15 dBi
Sample/EUT Status	Good condition

Adapter Information:

Model: PS10UA050K2000UU

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

Output: 5.0V, 2.0A, 10.0W

Note:

1. The maximum antenna gain was declared by the manufacturer.
2. The difference between A8 Smart Payment Terminal, A8K Smart Payment Terminal as below:

Differentiation description				
Product Name	A8 Smart Payment Terminal		A8K Smart Payment Terminal	
Configuration	1	2	3	4
Configuration name	A8 Dual	A8	A8K Dual	A8K
Secondary screen	YES	NO	YES	NO
Battery	3250mAh	F50188PA(2500mAh) C0256AC5(2500mAh)	3250mAh	F50188PA(2500mAh) C0256AC5(2500mAh)
Single and dual-frequency GPS	Dual-band GNSS	Single-frequency GNSS	Dual-band GNSS	Single-frequency GNSS
Small card configuration	1*Micro SIM+1*Esim*1*Mini SAM	2*Micro SIM+1*Mini SAM	1*Micro SIM+1*Esim*1*Mini SAM	2*Micro SIM+1*Mini SAM
Magnetic head	YES	NO	YES	NO
Main button/Full screen	Full screen	Full screen	Main button	Main button
Diversity antenna	NO	YES	NO	YES
G-Sensor	YES	NO	YES	NO
MIC	Dual MIC	NO	Single MIC	NO
Motor	NO	NO	YES	NO
Main antenna model (size/mm)	SY-P1018-MAIN-V0.4 (8.69*57.26)	SY-P1018-MAIN-V0.4 (8.69*57.26)	DZZ-P1916-MAIN-V04 (49.73*31.93mm)	DZZ-P1916-MAIN-V04 (49.73*31.93mm)
Three-in- one antenna model (size/mm)	SY-P1018-3/1-V0.2 (23.24*32.27)	SY-P1018-3/1-V0.2 FPC(23.24*32.27)	DZZ-P1916-GWB-V03 (32.80*25.16mm)	DZZ-P1916-GWB-V03 (32.80*25.16mm)
Diversity antenna model (size/mm)	NA	SY-P1018-DIV-V0.1 (40.17*41.77)	NA	DZZ-P1916-DIV-V03 (44.83*39.25mm)

All measurement and test data in this report was gathered from production samples serial number:

RKSA251230001-1 (Configuration 1), RKSA251230001-2 (Configuration 2),
RKSA251230001-3 (Configuration 3), RKSA251230001-4 (Configuration 4).

Based on above differences, we chose Configuration 1 for full test, Configuration 2 and Configuration 4 for "CONDUCTED EMISSIONS" "SPURIOUS EMISSIONS (below 1GHz)", Configuration 3 for "CONDUCTED EMISSIONS" and "SPURIOUS EMISSIONS (below 1 GHz & above 1GHz)" (Assigned by the BACL (Kunshan).
The EUT was received on 2025-12-30.)

Objective

This test report is prepared for *Shanghai Xiangcheng Communication Technology Co.,Ltd* 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, 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

The system was configured for testing in an engineering mode, which was provided by manufacturer

RF Test Tool: Engineering Mode

★Power level: Default

Note: The power level was declared by the applicant.

Special Accessories

No special accessory.

Equipment Modifications

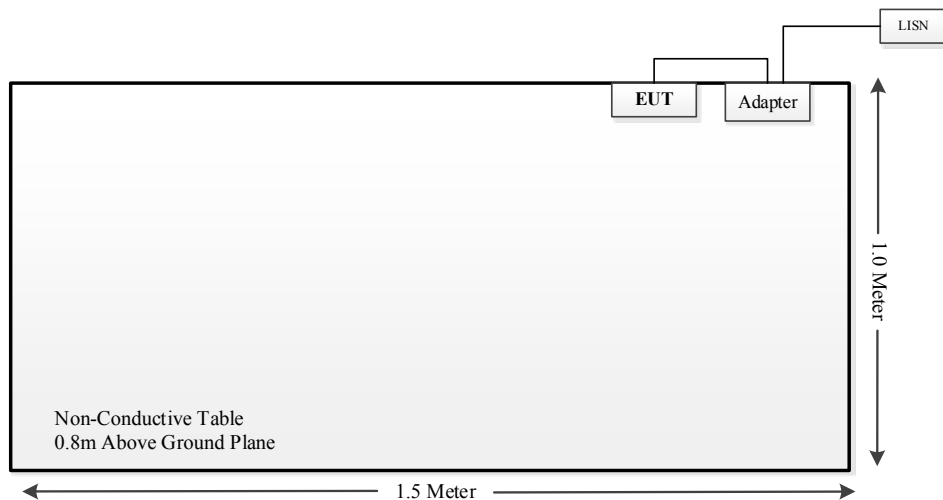
No modification was made to the EUT tested.

Support Equipment List and Details

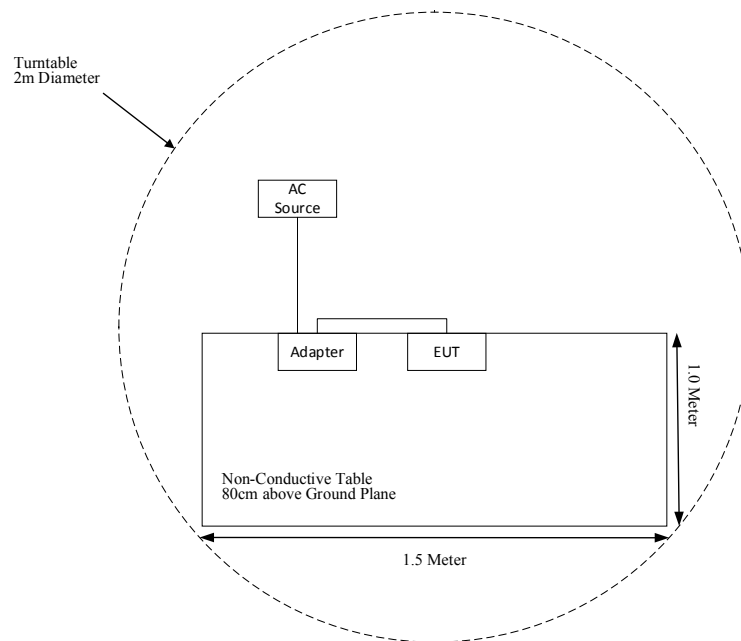
Manufacturer	Description	Model	Serial Number
/	/	/	/

External I/O Cable

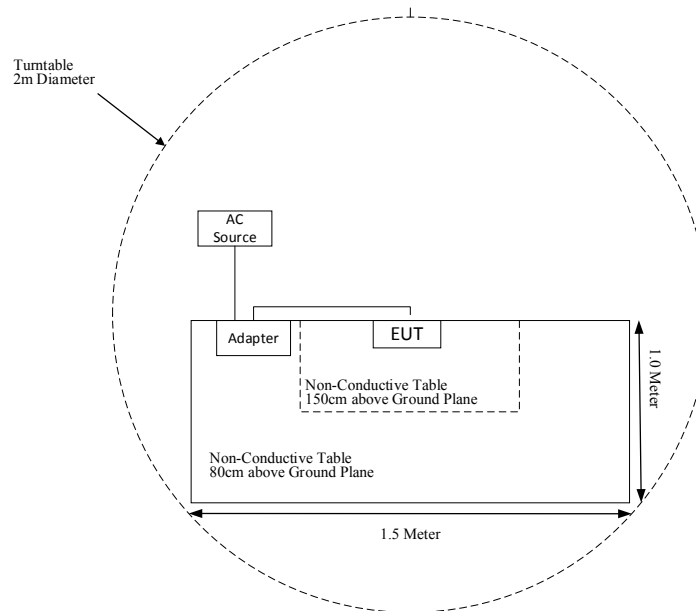
Cable Description	Length (m)	From Port	To Port
Power Cable 1	1.0	EUT	Adapter
Power Cable 2	1.0	Adapter	AC Source / LISN

Block Diagram of Test Setup**For Conducted Emissions:**

For Radiated Emissions (Below 1GHz):



For Radiated Emissions (Above 1GHz):



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§1.1307(b)(1)& §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)	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	2025-04-09	2026-04-08
Sunol Sciences	Broadband Antenna	JB3	A090314-1	2024-11-08	2027-11-07
Narda	6dB Attenuator	773-6	10690812-2-1	2024-11-08	2027-11-07
BACL	Active Loop Antenna	1313-1A	4041511	2024-11-22	2027-11-21
Sonoma Instrument	Pre-amplifier	310N	171205	2025-04-09	2026-04-08
Rohde & Schwarz	Auto Test Software	EMC32	100361	N/A	N/A
MICRO-COAX	Coaxial Cable	Cable-8	008	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-9	009	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-10	010	2025-04-09	2026-04-08
Radiated Emission Test (Chamber #2)					
Rohde & Schwarz	EMI Test Receiver	ESU40	100207/040	2025-04-09	2026-04-08
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	2025-04-09	2026-04-08
SELECTOR	Amplifier	EM18G40G	060726	2025-04-09	2026-04-08
MICRO-TRONICS	Band Reject Filter	BRM50702	G024	2025-04-08	2026-04-07
Narda	Attenuator	10dB	010	2025-04-08	2026-04-07
Rohde & Schwarz	Auto test Software	EMC32	100361	N/A	N/A
MICRO-COAX	Coaxial Cable	Cable-6	006	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-11	011	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-12	012	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-13	013	2025-04-09	2026-04-08
RF Conducted Test					
Rohde & Schwarz	Spectrum Analyzer	FSU26	200103	2025-04-09	2026-04-08
Narda	Attenuator	10dB	010	2025-04-08	2026-04-07
XHFDZ	RG316 Coaxial Cable	SMA-316	XHF-1175	Each time	N/A

Conducted Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESR	101746	2025-09-01	2026-08-31
Rohde & Schwarz	LISN	ENV216	101115	2025-04-08	2026-04-07
Audix	Test Software	e3	V9	N/A	N/A
Rohde & Schwarz	Pulse limiter	ESH3-Z2	100552	2025-04-08	2026-04-07
MICRO-COAX	Coaxial Cable	Cable-15	015	2025-04-08	2026-04-07

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

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

Applicable Standard

According to §15.247(i) and §1.1310, 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 KDB447498 D01 General RF Exposure Guidance v06:

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:

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

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

Measurement Result

Mode	Frequency Range (MHz)	★Max Tune-up Conducted Power		Calculated Distance (mm)	Calculated Value	Threshold (1-g SAR)	SAR Test Exclusion
		(dBm)	(mW)				
BT	2402-2480	6.5	4.47	5.0	1.4	3.0	Yes

Note:

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

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 an FPC antenna which permanently attached to the unit. Fulfill the requirement of this section. Please refer to the EUT photos.

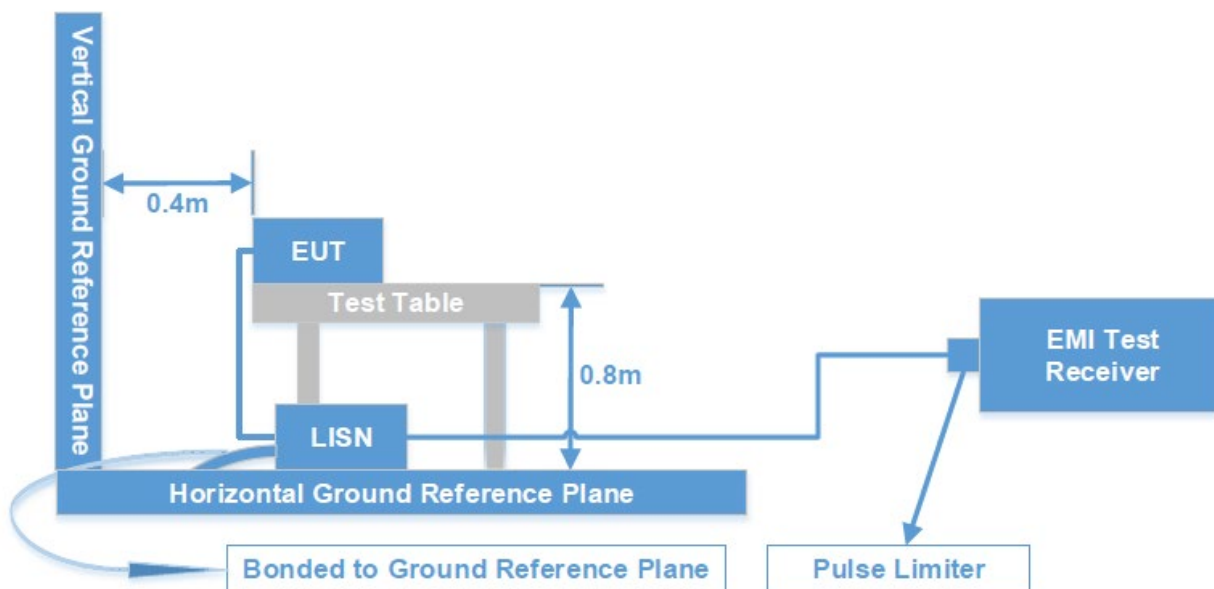
Result: Compliant.

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:

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

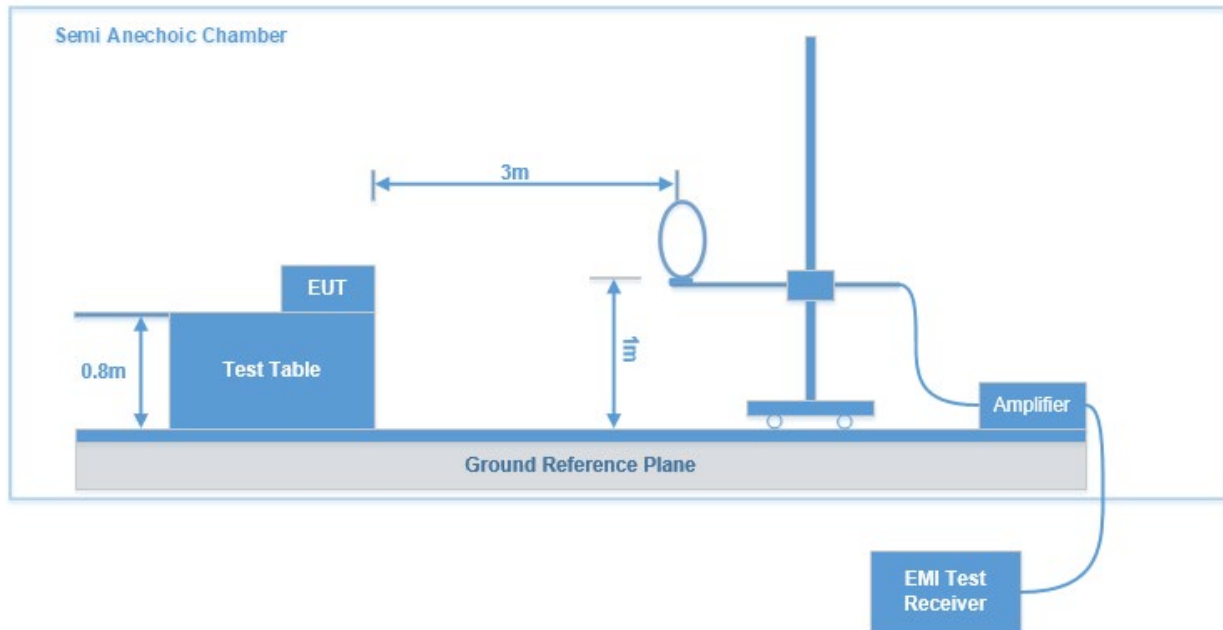
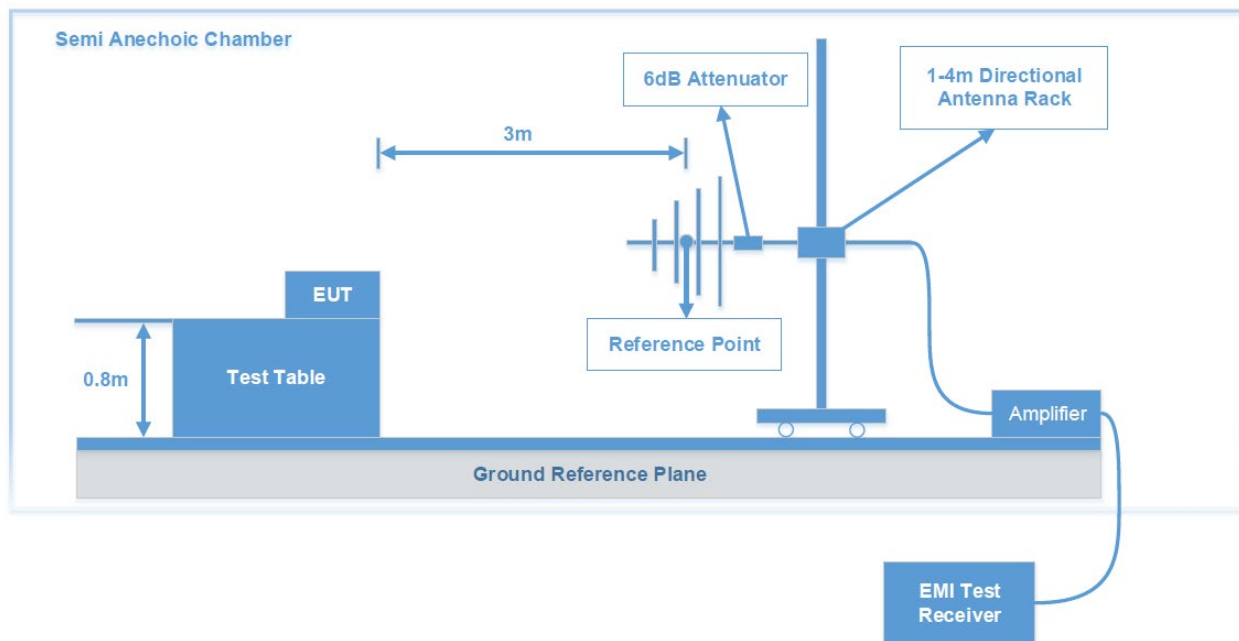
Test Results Summary

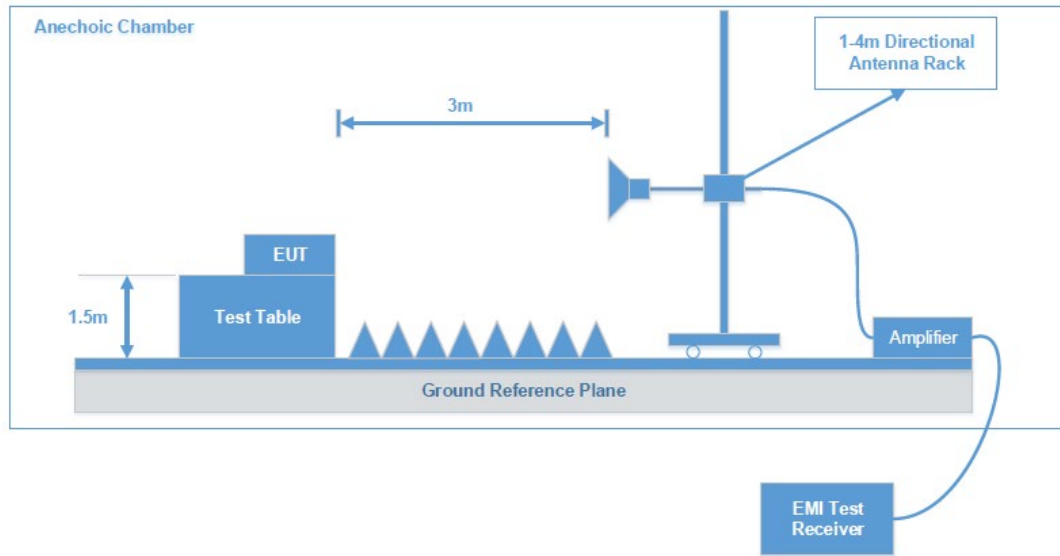
According to the recorded data in following table, the EUT complied with the FCC Part 15.207.

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/Average	Peak/QP/Average
150 kHz - 30 MHz	9 kHz	30 kHz	9 kHz	Peak/QP/Average	Peak/QP/Average
30 MHz - 1000 MHz	100 kHz	300 kHz	/	Peak	Peak
	/	/	120 kHz	QP	QP
Above 1GHz	1MHz	3 MHz	/	Peak	Peak
	1MHz	3 MHz	/	Average	Average

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.

Corrected Amplitude & Margin Calculation

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

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

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

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

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

Test 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.

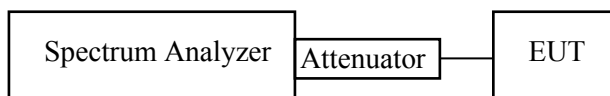
Test Procedure

According to ANSI C63.10-2020 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) $\geq$ 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

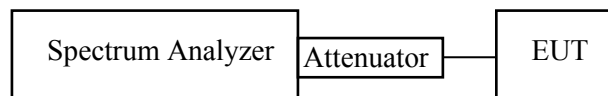
Applicable Standard

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.

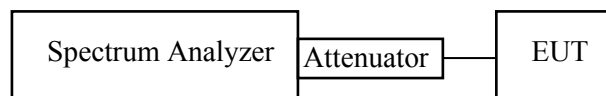
Test Procedure

According to ANSI C63.10-2020 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 $\geq$ 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

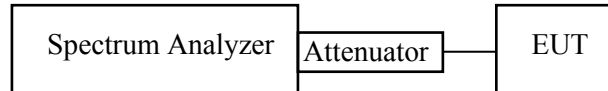
Frequency hopping systems in the 2400-2483.5 MHz shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions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

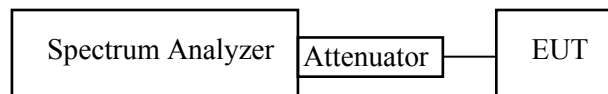
According to §15.247(b) (1), for frequency hopping systems operating in the 2400–2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725–5850 MHz band: 1 watt. And for all other frequency hopping systems in the 2400–2483.5 MHz band: 0.125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

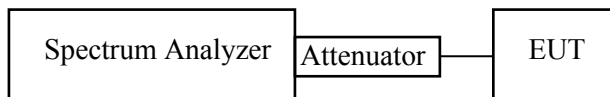
Applicable Standard

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)).

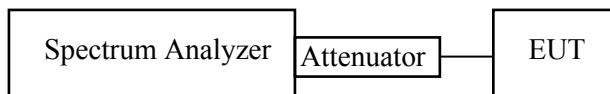
Test Procedure

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

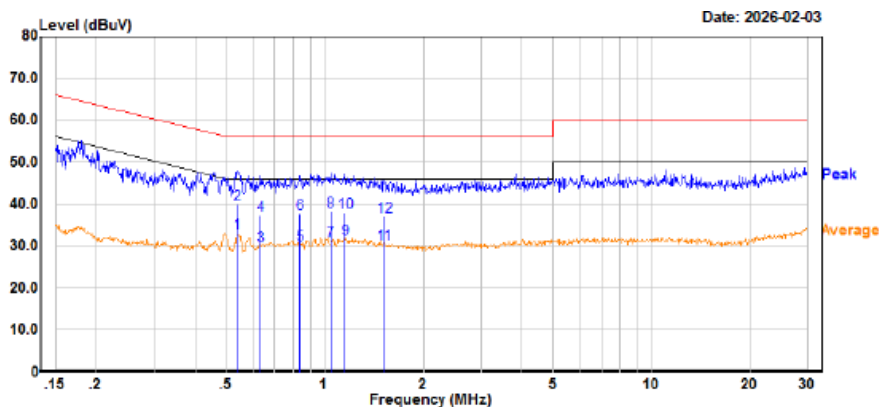
AC LINE CONDUCTED EMISSIONS

Environmental Conditions & Test Information

Test Date:	2026-02-03
Temperature:	15.9 °C
Relative Humidity:	35 %
ATM Pressure:	103.5 kPa
Test Result:	Pass
Test Engineer:	Jack He

EUT operation mode: Transmitting in GFSK Mode high channel (maximum output power mode)

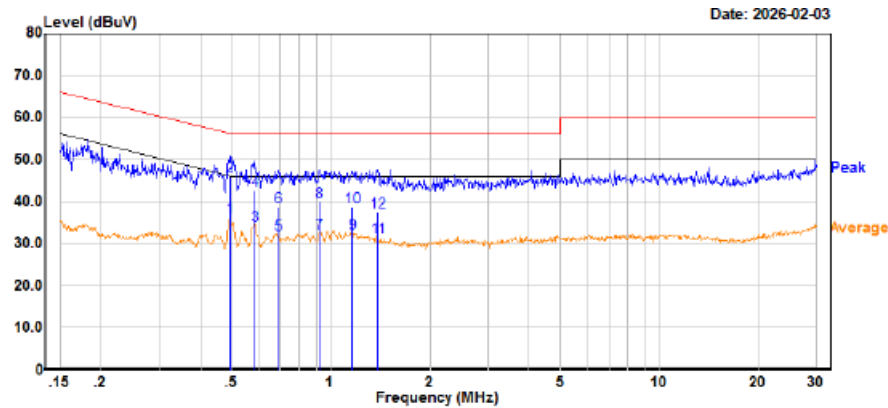
Configuration 1



Trace: 1

Site : CE
 Condition : limit\FCC PART 15.207\FCC 15.207 QP.csv Line
 : DET:Peak
 Project No. : RKSA251230001
 Model : K1141
 Phase : L
 Voltage : 120V/60Hz
 Mode : BT
 Test Equipment : ENV216,ESR3
 Receiver Setting : RBW: 9 kHz, Sweep Time: Auto
 Temperature : 15.9℃
 Humidity : 35%
 Atmospheric pressure: 103.5kPa
 Test Engineer : Jack He
 Check by : Bard Liu

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.537	13.00	20.19	33.19	46.00	-12.81	Average
2	0.537	19.60	20.19	39.79	56.00	-16.21	QP
3	0.633	9.80	20.23	30.03	46.00	-15.97	Average
4	0.633	17.10	20.23	37.33	56.00	-18.67	QP
5	0.837	10.10	20.21	30.31	46.00	-15.69	Average
6	0.837	17.50	20.21	37.71	56.00	-18.29	QP
7	1.037	11.01	20.17	31.18	46.00	-14.82	Average
8	1.037	18.01	20.17	38.18	56.00	-17.82	QP
9	1.152	11.60	20.19	31.79	46.00	-14.21	Average
10	1.152	17.70	20.19	37.89	56.00	-18.11	QP
11	1.515	10.20	20.24	30.44	46.00	-15.56	Average
12	1.515	16.70	20.24	36.94	56.00	-19.06	QP



Trace: 1

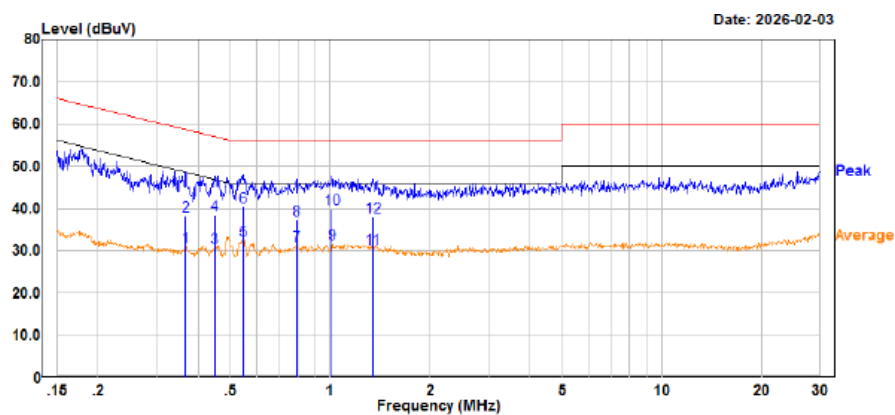
```

Site          : CE
Condition     : limit\FCC PART 15.207\FCC 15.207 QP.csv Neutral
              : DET:Peak
Project No.   : RKSA251230001
Model        : K1141
Phase        : N
Voltage      : 120V/60Hz
Mode         : BT
Test Equipment : ENV216,ESR3
Receiver Setting : RBW: 9 kHz, Sweep Time: Auto
Temperature   : 15.9℃
Humidity     : 35%
Atmospheric pressure: 103.5kPa
Test Engineer : Jack He
Check by     : Bard Liu

```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.491	16.00	20.22	36.22	46.15	-9.93	Average
2	0.491	25.60	20.22	45.82	56.15	-10.33	QP
3	0.585	14.00	20.22	34.22	46.00	-11.78	Average
4	0.585	22.40	20.22	42.62	56.00	-13.38	QP
5	0.693	11.80	20.24	32.04	46.00	-13.96	Average
6	0.693	18.50	20.24	38.74	56.00	-17.26	QP
7	0.921	12.10	20.19	32.29	46.00	-13.71	Average
8	0.921	19.60	20.19	39.79	56.00	-16.21	QP
9	1.158	12.31	20.19	32.50	46.00	-13.50	Average
10	1.158	18.61	20.19	38.80	56.00	-17.20	QP
11	1.385	11.30	20.22	31.52	46.00	-14.48	Average
12	1.385	17.20	20.22	37.42	56.00	-18.58	QP

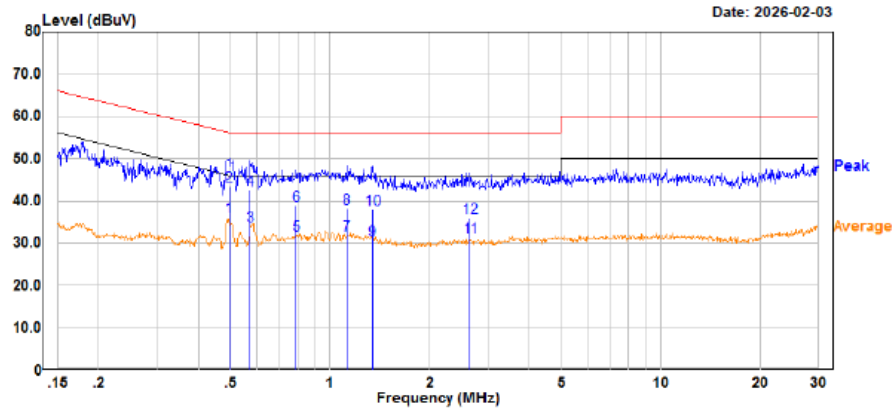
Configuration 2



Trace: 1

Site : CE
 Condition : limit\FCC PART 15.207\FCC 15.207 QP.csv Line
 : DET:Peak
 Project No. : RKSA251230001
 Model : K1141
 Phase : L
 Voltage : 120V/60Hz
 Mode : BT
 Test Equipment : ENV216,ESR3
 Receiver Setting : RBW: 9 kHz, Sweep Time: Auto
 Temperature : 15.9°C
 Humidity : 35%
 Atmospheric pressure: 103.5kPa
 Test Engineer : Jack He
 Check by : Bard Liu

	Read			Limit	Over	
	Freq	Level	Factor	Level	Line	Limit
	MHz	dBuV	dB	dBuV	dBuV	dB
1	0.366	10.70	20.33	31.03	48.59	-17.56 Average
2	0.366	17.80	20.33	38.13	58.59	-20.46 QP
3	0.449	10.50	20.28	30.78	46.89	-16.11 Average
4	0.449	18.20	20.28	38.48	56.89	-18.41 QP
5	0.548	12.29	20.20	32.49	46.00	-13.51 Average
6	0.548	20.09	20.20	40.29	56.00	-15.71 QP
7	0.793	10.90	20.23	31.13	46.00	-14.87 Average
8	0.793	17.10	20.23	37.33	56.00	-18.67 QP
9	1.012	11.50	20.17	31.67	46.00	-14.33 Average
10	1.012	19.60	20.17	39.77	56.00	-16.23 QP
11	1.344	10.30	20.22	30.52	46.00	-15.48 Average
12	1.344	17.70	20.22	37.92	56.00	-18.08 QP

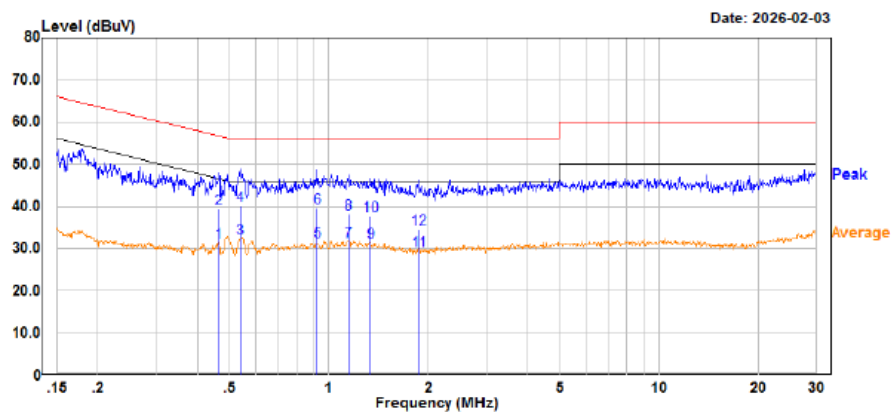


Trace: 1

Site : CE
 Condition : limit\FCC PART 15.207\FCC 15.207 QP.csv Neutral
 : DET:Peak
 Project No. : RKSA251230001
 Model : K1141
 Phase : N
 Voltage : 120V/60Hz
 Mode : BT
 Test Equipment : ENV216,ESR3
 Receiver Setting : RBW: 9 kHz, Sweep Time: Auto
 Temperature : 15.9°C
 Humidity : 35%
 Atmospheric pressure: 103.5kPa
 Test Engineer : Jack He
 Check by : Bard Liu

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV		dB	dBuV	dB	
1	0.496	16.10	20.21	36.31	46.06	-9.75	Average
2	0.496	23.40	20.21	43.61	56.06	-12.45	QP
3	0.573	13.90	20.22	34.12	46.00	-11.88	Average
4	0.573	22.40	20.22	42.62	56.00	-13.38	QP
5	0.789	11.80	20.22	32.02	46.00	-13.98	Average
6	0.789	18.60	20.22	38.82	56.00	-17.18	QP
7	1.124	11.80	20.19	31.99	46.00	-14.01	Average
8	1.124	18.00	20.19	38.19	56.00	-17.81	QP
9	1.344	10.50	20.22	30.72	46.00	-15.28	Average
10	1.344	17.70	20.22	37.92	56.00	-18.08	QP
11	2.648	11.09	20.26	31.35	46.00	-14.65	Average
12	2.648	15.79	20.26	36.05	56.00	-19.95	QP

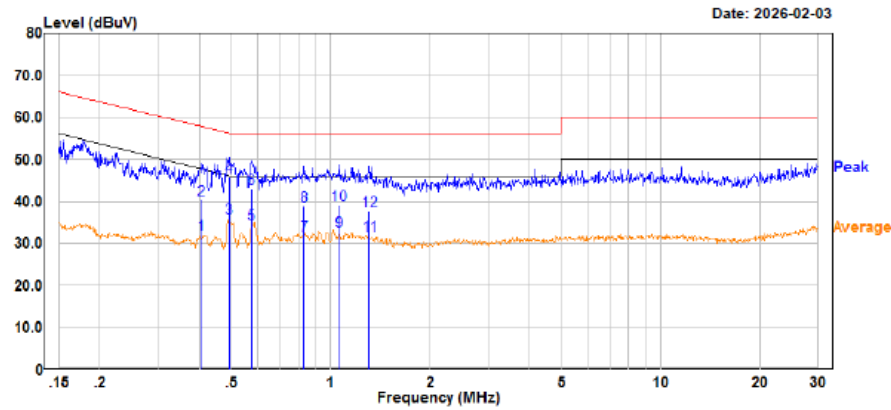
Configuration 3



Trace: 1

Site : CE
 Condition : limit\FCC PART 15.207\FCC 15.207 QP.csv Line
 : DET:Peak
 Project No. : RKSA251230001
 Model : K1141
 Phase : L
 Voltage : 120V/60Hz
 Mode : BT
 Test Equipment : ENV216,ESR3
 Receiver Setting : RBW: 9 kHz, Sweep Time: Auto
 Temperature : 15.9°C
 Humidity : 35%
 Atmospheric pressure: 103.5kPa
 Test Engineer : Jack He
 Check by : Bard Liu

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV		dBuV	dBuV	dB	
1	0.465	11.10	20.25	31.35	46.60	-15.25	Average
2	0.465	19.10	20.25	39.35	56.60	-17.25	QP
3	0.540	12.10	20.19	32.29	46.00	-13.71	Average
4	0.540	20.00	20.19	40.19	56.00	-15.81	QP
5	0.925	11.50	20.19	31.69	46.00	-14.31	Average
6	0.925	19.40	20.19	39.59	56.00	-16.41	QP
7	1.146	11.60	20.19	31.79	46.00	-14.21	Average
8	1.146	18.00	20.19	38.19	56.00	-17.81	QP
9	1.338	11.30	20.22	31.52	46.00	-14.48	Average
10	1.338	17.40	20.22	37.62	56.00	-18.38	QP
11	1.868	9.29	20.29	29.58	46.00	-16.42	Average
12	1.868	14.39	20.29	34.68	56.00	-21.32	QP

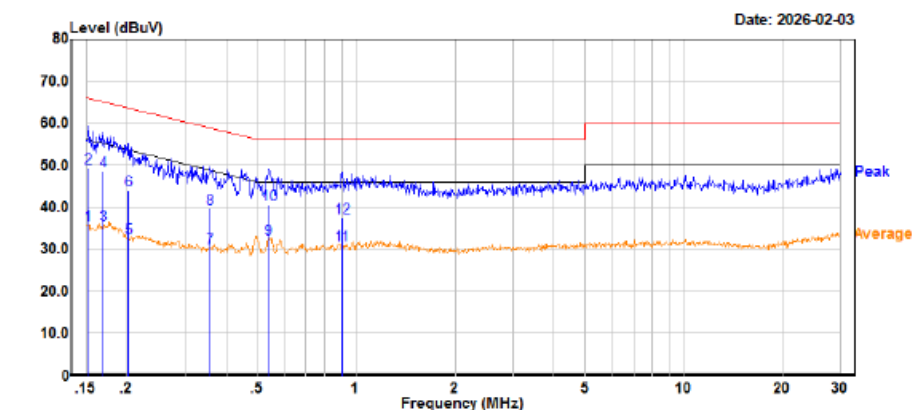


Trace: 1

Site : CE
 Condition : limit\FCC PART 15.207\FCC 15.207 QP.csv Neutral
 : DET:Peak
 Project No. : RKSA251230001
 Model : K1141
 Phase : N
 Voltage : 120V/60Hz
 Mode : BT
 Test Equipment : ENV216,ESR3
 Receiver Setting : RBW: 9 kHz, Sweep Time: Auto
 Temperature : 15.9℃
 Humidity : 35%
 Atmospheric pressure: 103.5kPa
 Test Engineer : Jack He
 Check by : Bard Liu

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV		dB	dBuV	dB	
1	0.404	11.80	20.31	32.11	47.76	-15.65	Average
2	0.404	20.10	20.31	40.41	57.76	-17.35	QP
3	0.491	15.90	20.22	36.12	46.15	-10.03	Average
4	0.491	25.50	20.22	45.72	56.15	-10.43	QP
5	0.576	14.40	20.22	34.62	46.00	-11.38	Average
6	0.576	22.90	20.22	43.12	56.00	-12.88	QP
7	0.829	11.80	20.21	32.01	46.00	-13.99	Average
8	0.829	18.70	20.21	38.91	56.00	-17.09	QP
9	1.058	12.81	20.18	32.99	46.00	-13.01	Average
10	1.058	18.91	20.18	39.09	56.00	-16.91	QP
11	1.311	11.60	20.21	31.81	46.00	-14.19	Average
12	1.311	17.60	20.21	37.81	56.00	-18.19	QP

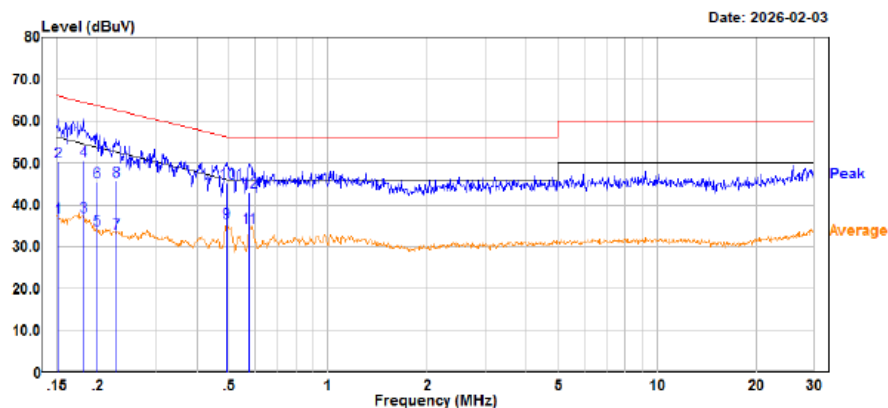
Configuration 4



Trace: 1

Site : CE
 Condition : limit\FCC PART 15.207\FCC 15.207 QP.csv Line
 : DET:Peak
 Project No. : RKSA251230001
 Model : K1141
 Phase : L
 Voltage : 120V/60Hz
 Mode : BT
 Test Equipment : ENV216,ESR3
 Receiver Setting : RBW: 9 kHz, Sweep Time: Auto
 Temperature : 15.9℃
 Humidity : 35%
 Atmospheric pressure: 103.5kPa
 Test Engineer : Jack He
 Check by : Bard Liu

	Freq	Read		Limit	Over	
		Level	Factor			
	MHz	dBuV	dB	dBuV	dB	Remark
1	0.152	15.30	20.41	35.71	55.92	-20.21 Average
2	0.152	28.80	20.41	49.21	65.92	-16.71 QP
3	0.168	15.40	20.44	35.84	55.05	-19.21 Average
4	0.168	28.10	20.44	48.54	65.05	-16.51 QP
5	0.201	12.20	20.48	32.68	53.56	-20.88 Average
6	0.201	23.40	20.48	43.88	63.56	-19.68 QP
7	0.357	9.90	20.34	30.24	48.80	-18.56 Average
8	0.357	19.30	20.34	39.64	58.80	-19.16 QP
9	0.540	12.10	20.19	32.29	46.00	-13.71 Average
10	0.540	20.50	20.19	40.69	56.00	-15.31 QP
11	0.902	10.70	20.20	30.90	46.00	-15.10 Average
12	0.902	17.30	20.20	37.50	56.00	-18.50 QP



Trace: 1

Site : CE
 Condition : limit\FCC PART 15.207\FCC 15.207 QP.csv Neutral
 : DET:Peak
 Project No. : RKSA251230001
 Model : K1141
 Phase : N
 Voltage : 120V/60Hz
 Mode : BT
 Test Equipment : ENV216,ESR3
 Receiver Setting : RBW: 9 kHz, Sweep Time: Auto
 Temperature : 15.9℃
 Humidity : 35%
 Atmospheric pressure: 103.5kPa
 Test Engineer : Jack He
 Check by : Bard Liu

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV		dB	dBuV	dB	
1	0.152	16.60	20.39	36.99	55.92	-18.93	Average
2	0.152	29.80	20.39	50.19	65.92	-15.73	QP
3	0.181	16.71	20.41	37.12	54.43	-17.31	Average
4	0.181	30.01	20.41	50.42	64.43	-14.01	QP
5	0.199	13.70	20.43	34.13	53.64	-19.51	Average
6	0.199	25.00	20.43	45.43	63.64	-18.21	QP
7	0.228	12.80	20.40	33.20	52.52	-19.32	Average
8	0.228	25.20	20.40	45.60	62.52	-16.92	QP
9	0.491	15.60	20.22	35.82	46.15	-10.33	Average
10	0.491	24.90	20.22	45.12	56.15	-11.03	QP
11	0.576	14.30	20.22	34.52	46.00	-11.48	Average
12	0.576	22.80	20.22	43.02	56.00	-12.98	QP

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

Test Item:	SPURIOUS EMISSIONS			
	9kHz – 30MHz	30MHz - 1GHz	1 GHz - 18 GHz	18 GHz - 25 GHz
Test Date:	2026-01-14	2026-01-13	2026-01-14 to 2026-01-18	2026-02-07
Temperature:	20.7 °C	15.6 °C	16.2-17.5 °C	19.6 °C
Relative Humidity:	46 %	43 %	42-43 %	50 %
ATM Pressure:	102.2 kPa	102.8 kPa	101.7-102.2 kPa	102.7 kPa
Test Result:	Pass	Pass	Pass	Pass
Test Engineer:	Scarf Yang	Scarf Yang	Destine Hu	Hugh Wu

EUT operation mode: Transmitting

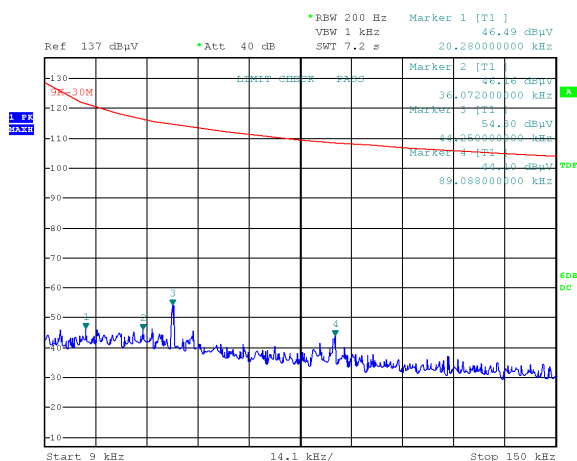
After pre-scan in the X, Y and Z axes of orientation, the worst case at Y axis is below:

9 kHz-30 MHz: Transmitting in GFSK Mode high channel (maximum output power mode)

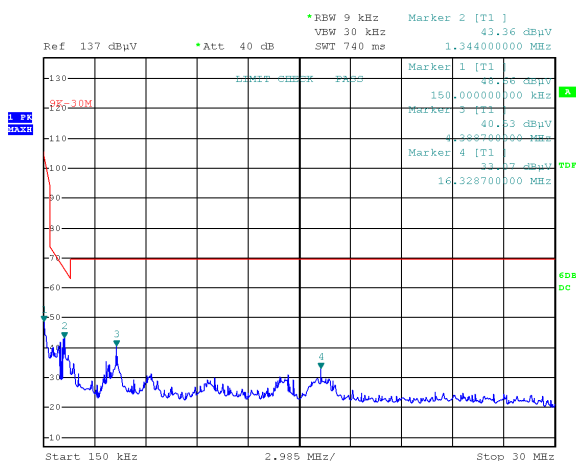
Configuration 1

Parallel(worst case)

9kHz-150kHz



150kHz-30MHz



Project No.RKSA251230001
Date: 14.JAN.2026 14:41:57

Tester:Scarff Yang

Project No.RKSA251230001
Date: 14.JAN.2026 18:19:32

Tester:Scarff Yang

9kHz-150kHz

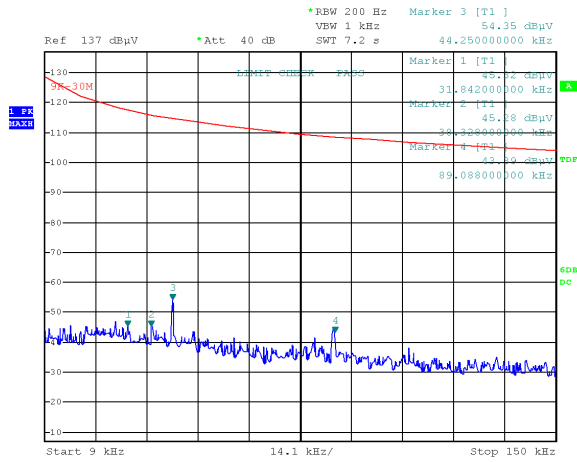
Frequency (MHz)	Corrected Amplitude (dBμV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m) @3m	Margin (dB)
0.020280	46.49	PK	-0.56	121.46	74.97
0.036072	46.16	PK	-1.58	116.46	70.3
0.044250	54.30	PK	-2.89	114.69	60.39
0.089088	44.10	PK	-8.17	108.61	64.51

150kHz-30MHz

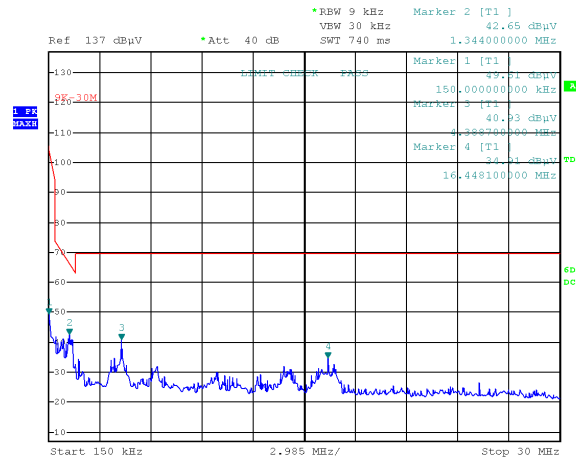
Frequency (MHz)	Corrected Amplitude (dBμV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m) @3m	Margin (dB)
0.150000	48.66	PK	-11.34	104.08	55.42
1.344000	43.36	PK	-28.75	65.04	21.68
4.388700	40.53	PK	-31.97	69.54	29.01
16.328700	33.07	PK	-33.19	69.54	36.47

Configuration 2
Parallel(worst case)

9kHz-150kHz



150kHz-30MHz



Project No.RKSA251230001
Date: 14.JAN.2026 14:42:55

Tester:Scarf Yang

Project No.RKSA251230001
Date: 14.JAN.2026 17:44:23

Tester:Scarf Yang

9kHz-150kHz

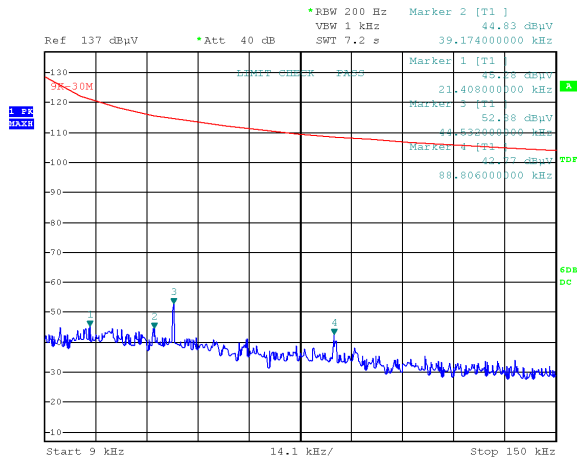
Frequency (MHz)	Corrected Amplitude (dBμV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m) @3m	Margin (dB)
0.031842	45.32	PK	-0.91	117.54	72.22
0.038328	45.28	PK	-1.94	115.93	70.65
0.044250	54.35	PK	-2.89	114.69	60.34
0.089088	43.39	PK	-8.17	108.61	65.22

150kHz-30MHz

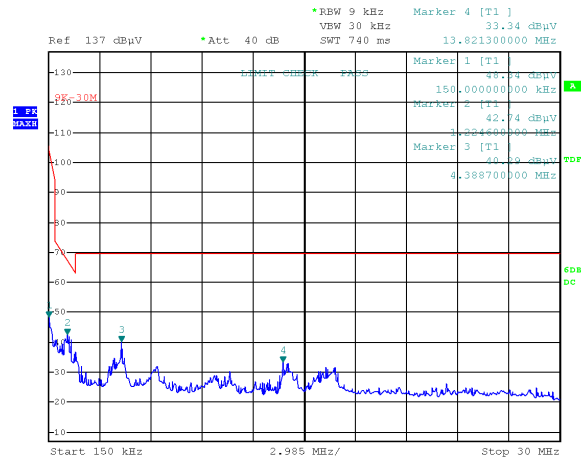
Frequency (MHz)	Corrected Amplitude (dBμV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m) @3m	Margin (dB)
0.150000	49.61	PK	-11.34	104.08	54.47
1.344000	42.65	PK	-28.75	65.04	22.39
4.388700	40.93	PK	-31.97	69.54	28.61
16.448100	34.91	PK	-33.19	69.54	34.63

Configuration 3
Parallel(worst case)

9kHz-150kHz



150kHz-30MHz



Project No.RKSA251230001
Date: 14.JAN.2026 15:20:46

Tester:Scarf Yang

Project No.RKSA251230001
Date: 14.JAN.2026 18:44:32

Tester:Scarf Yang

9kHz-150kHz

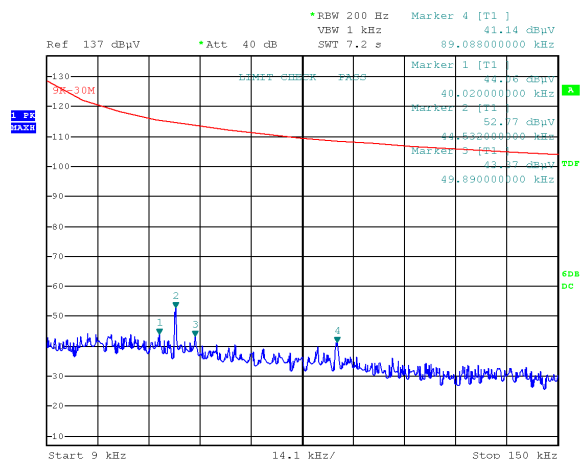
Frequency (MHz)	Corrected Amplitude (dBμV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m) @3m	Margin (dB)
0.021408	45.28	PK	-0.57	120.99	75.71
0.039174	44.83	PK	-2.08	115.74	70.91
0.044532	52.88	PK	-2.94	114.63	61.75
0.088806	42.77	PK	-8.15	108.64	65.87

150kHz-30MHz

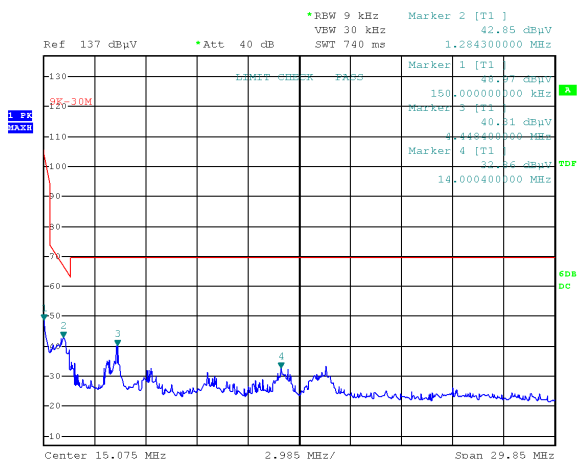
Frequency (MHz)	Corrected Amplitude (dBμV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m) @3m	Margin (dB)
0.150000	48.34	PK	-11.34	104.08	55.74
1.224600	42.74	PK	-28.35	65.84	23.10
4.388700	40.29	PK	-31.97	69.54	29.25
13.821300	33.34	PK	-33.10	69.54	36.20

Configuration 4
Parallel(worst case)

9kHz-150kHz



150kHz-30MHz



Project No.RKSA251230001
Date: 14.JAN.2026 15:32:33

Tester:ScarF Yang

Project No.RKSA251230001
Date: 14.JAN.2026 17:23:11

Tester:ScarF Yang

9kHz-150kHz

Frequency (MHz)	Corrected Amplitude (dBμV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m) @3m	Margin (dB)
0.040020	44.06	PK	-2.21	115.56	71.5
0.044532	52.77	PK	-2.94	114.63	61.86
0.049890	43.37	PK	-3.78	113.64	70.27
0.089088	41.14	PK	-8.17	108.61	67.47

150kHz-30MHz

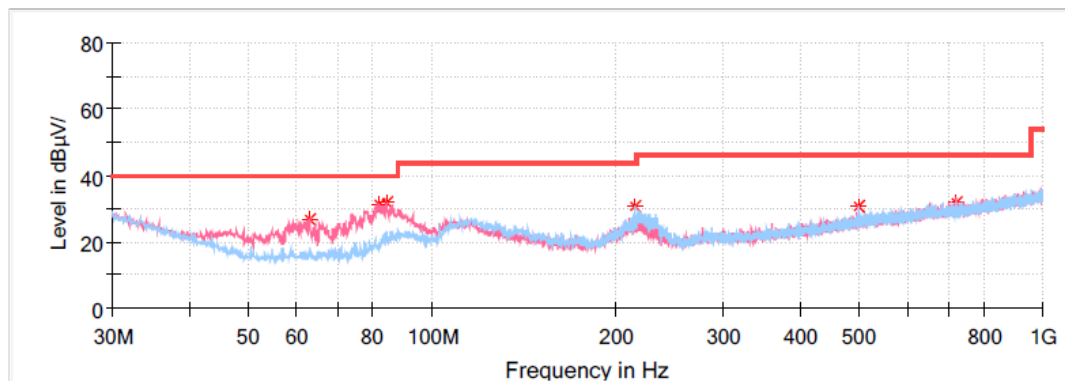
Frequency (MHz)	Corrected Amplitude (dBμV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m) @3m	Margin (dB)
0.150000	48.97	PK	-11.34	104.08	55.11
1.284300	42.85	PK	-28.55	65.43	22.58
4.448400	40.31	PK	-31.98	69.54	29.23
14.000400	32.86	PK	-33.11	69.54	36.68

30 MHz - 1 GHz : Transmitting in GFSK Mode high channel (maximum output power mode):

Configuration 1

High Channel: 2480 MHz**Common Information**

Project No: RKSA251230001
EUT Model: K1141
Test Mode: Transmitting in BT mode high 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: 15.6°C
Humidity: 43%
Barometric Pressure: 102.8kPa
Test Engineer: Scarf Yang
Check Engineer: Hardy Huang
Test Date: 2026/1/13

**Critical_Freqs**

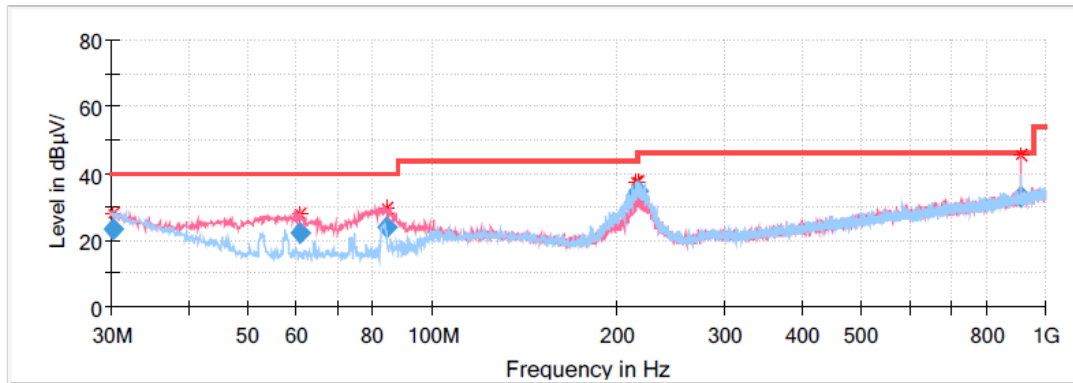
Frequency (MHz)	MaxPeak (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
62.980000	26.45	40.00	13.55	V	-17.0
81.895000	31.06	40.00	8.94	V	-17.1
84.198750	31.52	40.00	8.48	V	-17.0
215.027500	30.66	43.50	12.84	H	-13.1
499.965000	30.72	46.00	15.28	H	-5.4
724.277500	31.96	46.00	14.04	H	-1.8

Configuration 2

High Channel: 2480 MHz

Common Information

Project No: RKSA251230001
 EUT Model: K1141
 Test Mode: Transmitting in BT mode high 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: 15.6°C
 Humidity: 43%
 Barometric Pressure: 102.8kPa
 Test Engineer: Scarf Yang
 Check Engineer: Hardy Huang
 Test Date: 2026/1/13

**Final Result**

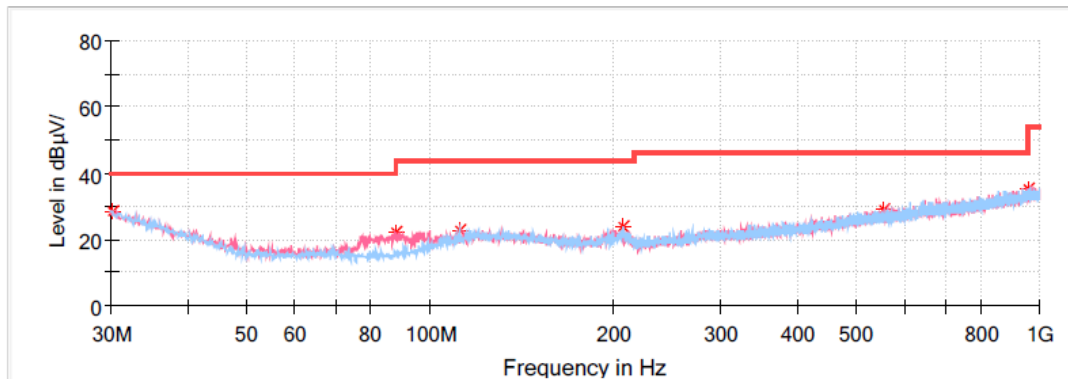
Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
30.242500	23.51	40.00	16.49	V	-5.0
60.797500	22.19	40.00	17.81	V	-17.1
84.320000	23.87	40.00	16.13	V	-17.1
214.663750	33.20	43.50	10.30	H	-13.1
215.997500	34.88	46.00	11.12	H	-13.2
910.638750	32.78	46.00	13.22	V	1.2

Configuration 3

High Channel: 2480 MHz

Common Information

Project No: RKSA251230001
EUT Model: K1141
Test Mode: Transmitting in BT mode high 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: 15.6°C
Humidity: 43%
Barometric Pressure: 102.8kPa
Test Engineer: Scarf Yang
Check Engineer: Hardy Huang
Test Date: 2026/1/13



Critical_Freqs

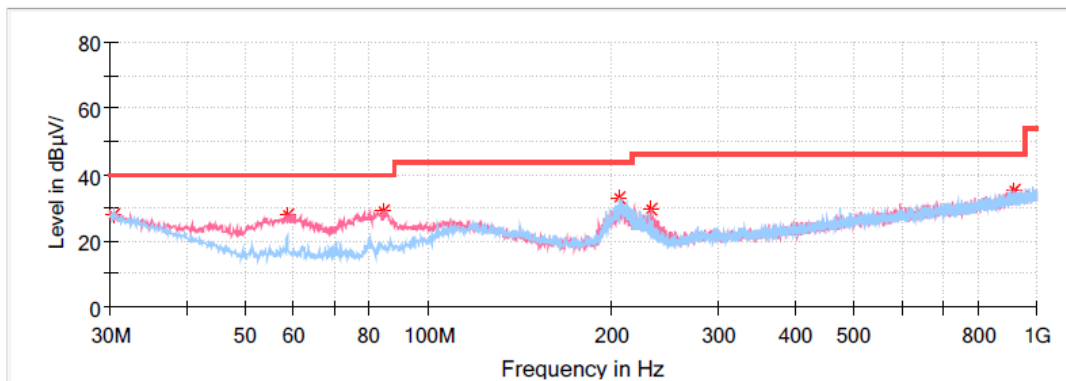
Frequency (MHz)	MaxPeak (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Pol	Corr. (dB/m)
30.121250	28.44	40.00	11.56	H	-4.8
87.957500	22.00	40.00	18.00	V	-16.9
111.722500	22.86	43.50	20.64	H	-12.3
208.116250	23.62	43.50	19.88	H	-12.7
554.042500	28.97	46.00	17.03	V	-4.6
959.381250	35.21	46.00	10.79	V	2.0

Configuration 4

High Channel: 2480 MHz

Common Information

Project No: RKSA251230001
EUT Model: K1141
Test Mode: Transmitting in BT mode high 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: 15.6°C
Humidity: 43%
Barometric Pressure: 102.8kPa
Test Engineer: Scarf Yang
Check Engineer: Hardy Huang
Test Date: 2026/1/13



Critical_Freqs

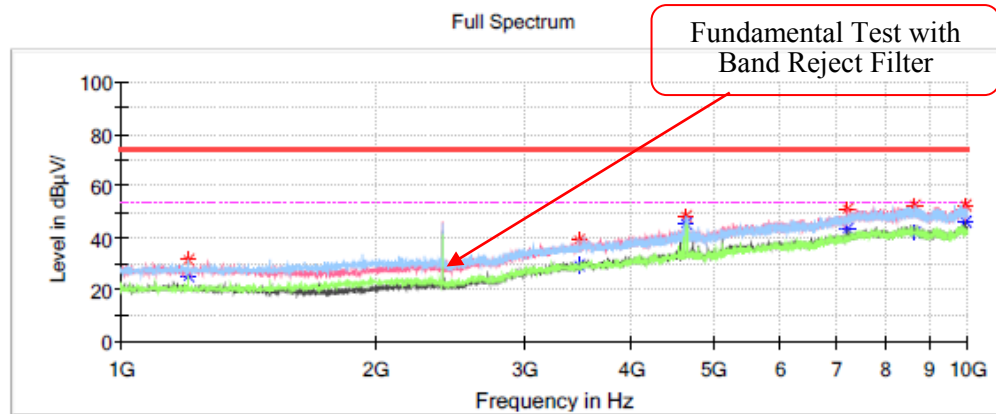
Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
30.485000	27.95	40.00	12.05	V	-5.0
58.736250	28.03	40.00	11.97	V	-17.1
84.562500	29.00	40.00	11.00	V	-17.0
206.661250	32.91	43.50	10.59	H	-12.6
232.608750	29.53	46.00	16.47	V	-12.7
915.610000	35.45	46.00	10.55	V	1.3

1 GHz - 18 GHz:

Configuration 1

GFSK:**Low Channel: 2402 MHz****Common Information**

Project No.:	RKSA251230001
EUT Model:	K1141
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:	16.2°C
Humidity:	43%
Atmospheric Pressure:	102.2kPa
Test Engineer:	Destine Hu
Test Date:	2026/1/14

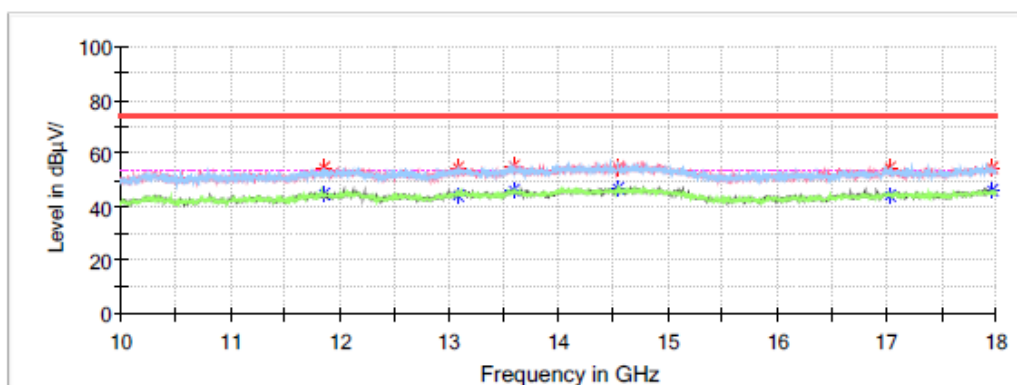
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1200.700000	---	25.26	54.00	28.74	H	-14.5
1200.700000	31.78	---	74.00	42.22	H	-14.5
3476.800000	---	29.58	54.00	24.42	H	-6.4
3476.800000	39.03	---	74.00	34.97	H	-6.4
4654.000000	---	45.14	54.00	8.86	H	-3.8
4654.000000	48.58	---	74.00	25.42	H	-3.8
7206.400000	---	43.09	54.00	10.91	V	2.1
7206.400000	51.02	---	74.00	22.98	V	2.1
8650.000000	---	42.06	54.00	11.94	V	4.7
8650.000000	52.41	---	74.00	21.59	V	4.7
9953.200000	52.11	---	74.00	21.89	V	6.2
9953.200000	---	45.99	54.00	8.01	V	6.2

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 16.2℃
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

Full Spectrum

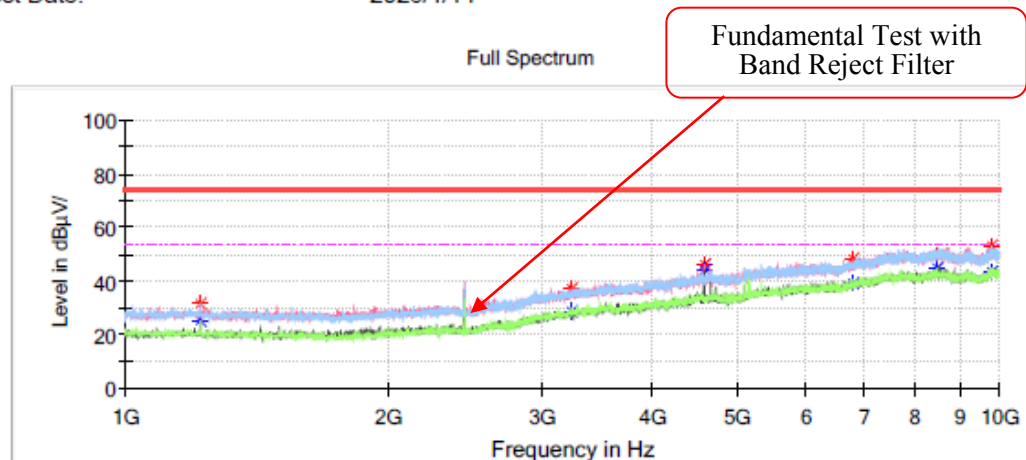


Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
11852.800000	54.51	---	74.00	19.49	V	8.8
11852.800000	---	44.55	54.00	9.45	V	8.8
13080.000000	54.81	---	74.00	19.19	H	9.3
13080.000000	---	44.29	54.00	9.71	H	9.3
13590.400000	55.26	---	74.00	18.74	H	10.2
13590.400000	---	46.08	54.00	7.92	H	10.2
14547.200000	---	47.11	54.00	6.89	H	11.8
14547.200000	54.34	---	74.00	19.66	H	11.8
17033.600000	54.28	---	74.00	19.72	V	10.9
17033.600000	---	44.34	54.00	9.66	V	10.9
17966.400000	54.78	---	74.00	19.22	V	11.7
17966.400000	---	46.32	54.00	7.68	V	11.7

Middle Channel: 2441 MHz**Common Information**

Project No.:	RKSA251230001
EUT Model:	K1141
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:	16.2°C
Humidity:	43%
Atmospheric Pressure:	102.2kPa
Test Engineer:	Destine Hu
Test Date:	2026/1/14

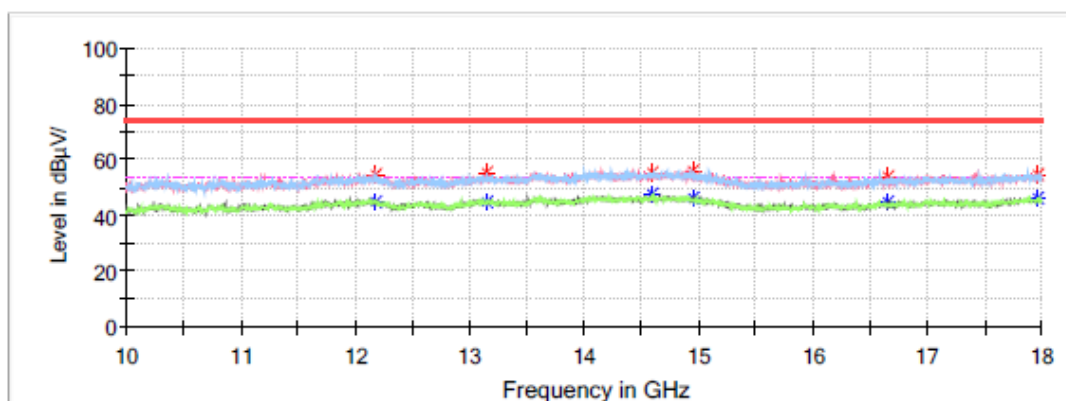
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1219.600000	---	24.88	54.00	29.12	H	-14.4
1219.600000	31.59	---	74.00	42.41	H	-14.4
3239.200000	---	28.57	54.00	25.43	V	-7.2
3239.200000	37.16	---	74.00	36.84	V	-7.2
4592.800000	---	44.22	54.00	9.78	V	-4.0
4592.800000	46.24	---	74.00	27.76	V	-4.0
6786.100000	---	39.08	54.00	14.92	H	0.5
6786.100000	48.50	---	74.00	25.50	H	0.5
8495.200000	49.75	---	74.00	24.25	H	4.7
8495.200000	---	44.67	54.00	9.33	H	4.7
9811.000000	53.09	---	74.00	20.91	H	5.8
9811.000000	---	43.31	54.00	10.69	H	5.8

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 16.2°C
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

Full Spectrum

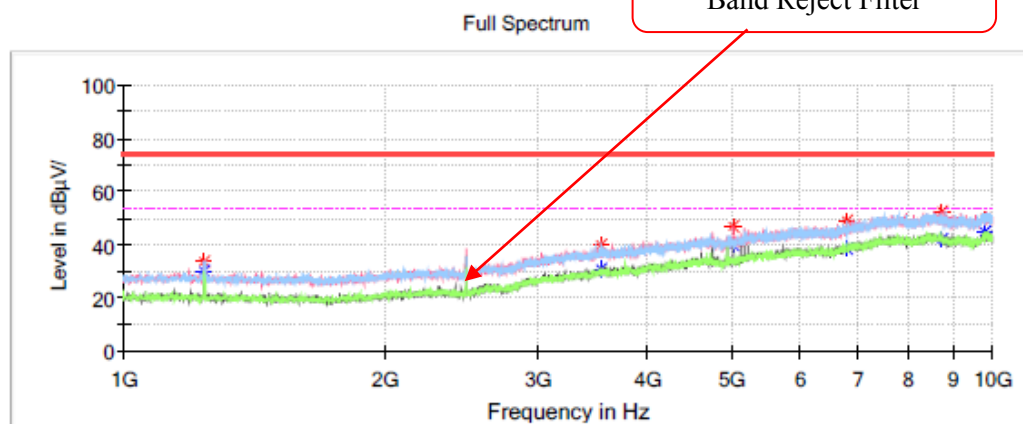


Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12187.200000	---	44.42	54.00	9.58	H	9.0
12187.200000	54.62	---	74.00	19.38	H	9.0
13147.200000	---	44.96	54.00	9.04	H	9.4
13147.200000	55.13	---	74.00	18.87	H	9.4
14601.600000	---	47.78	54.00	6.22	H	11.6
14601.600000	55.24	---	74.00	18.76	H	11.6
14952.000000	---	46.03	54.00	7.97	V	10.4
14952.000000	56.24	---	74.00	17.76	V	10.4
16657.600000	---	44.43	54.00	9.57	V	9.6
16657.600000	53.67	---	74.00	20.33	V	9.6
17968.000000	54.31	---	74.00	19.69	V	11.7
17968.000000	---	46.35	54.00	7.65	V	11.7

High Channel: 2480 MHz**Common Information**

Project No.:	RKSA251230001
EUT Model:	K1141
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:	16.2℃
Humidity:	43%
Atmospheric Pressure:	102.2kPa
Test Engineer:	Destine Hu
Test Date:	2026/1/14

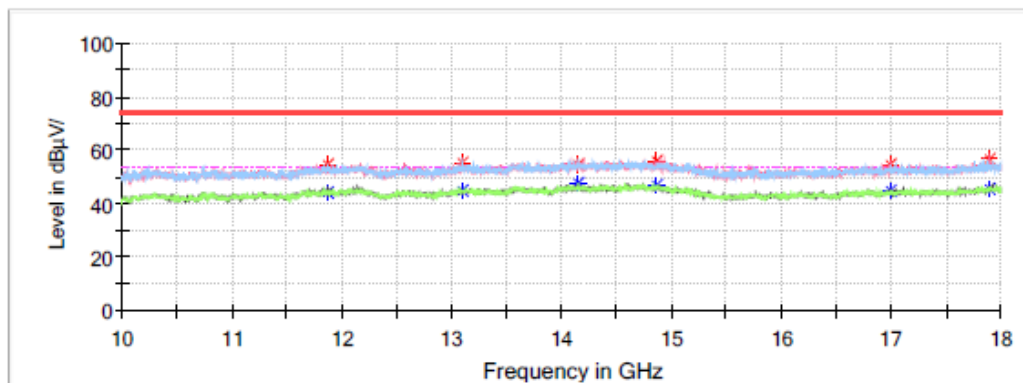
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1239.400000	---	30.18	54.00	23.82	H	-14.4
1239.400000	33.90	---	74.00	40.10	H	-14.4
3551.500000	---	30.78	54.00	23.22	H	-6.2
3551.500000	39.72	---	74.00	34.28	H	-6.2
5027.500000	---	40.08	54.00	13.92	V	-2.8
5027.500000	46.58	---	74.00	27.42	V	-2.8
6815.800000	---	38.33	54.00	15.67	V	0.6
6815.800000	48.63	---	74.00	25.37	V	0.6
8744.500000	---	41.78	54.00	12.22	V	4.7
8744.500000	52.47	---	74.00	21.53	V	4.7
9820.000000	---	45.03	54.00	8.97	V	5.8
9820.000000	49.70	---	74.00	24.30	V	5.8

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 16.2℃
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

Full Spectrum



Critical Freqs

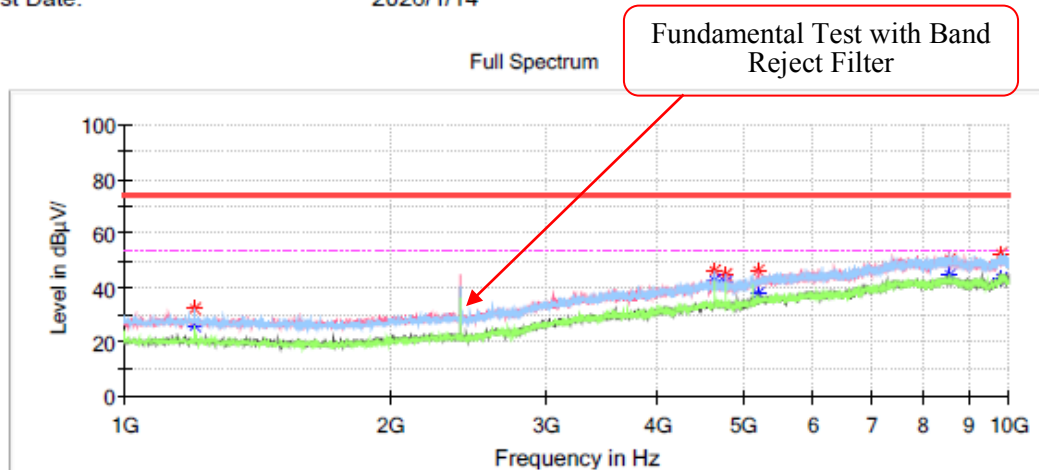
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
11873.600000	---	44.32	54.00	9.68	V	8.8
11873.600000	54.20	---	74.00	19.80	V	8.8
13105.600000	---	44.95	54.00	9.05	H	9.4
13105.600000	55.47	---	74.00	18.53	H	9.4
14155.200000	54.60	---	74.00	19.40	H	11.4
14155.200000	---	47.22	54.00	6.78	H	11.4
14867.200000	---	46.71	54.00	7.29	V	10.7
14867.200000	56.17	---	74.00	17.83	V	10.7
16995.200000	---	44.87	54.00	9.13	H	10.9
16995.200000	54.31	---	74.00	19.69	H	10.9
17889.600000	---	45.23	54.00	8.77	V	11.5
17889.600000	56.41	---	74.00	17.59	V	11.5

$\pi/4$ -DQPSK:

Low Channel: 2402 MHz

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 16.2°C
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14



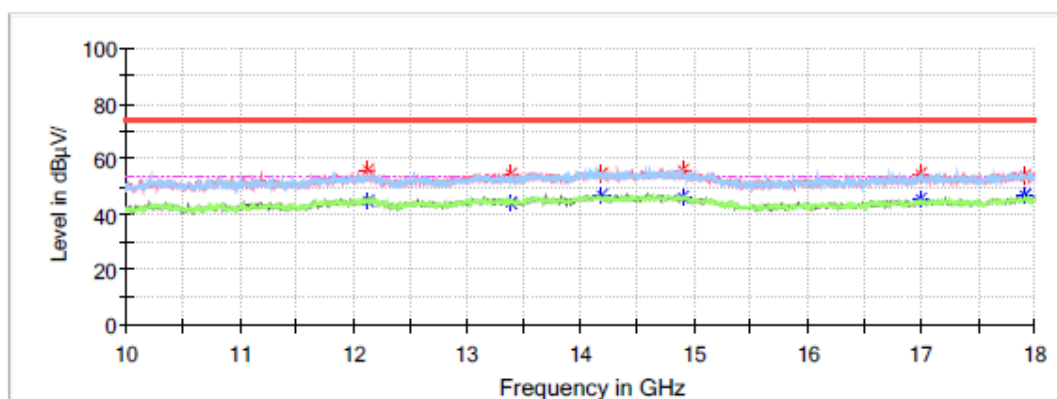
Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1200.700000	32.29	---	74.00	41.71	H	-14.5
1200.700000	---	25.87	54.00	28.13	H	-14.5
4659.400000	---	42.54	54.00	11.46	H	-3.8
4659.400000	46.17	---	74.00	27.83	H	-3.8
4786.300000	45.07	---	74.00	28.93	H	-3.5
4786.300000	---	41.83	54.00	12.17	H	-3.5
5215.600000	---	37.41	54.00	16.59	V	-2.4
5215.600000	45.94	---	74.00	28.06	V	-2.4
8580.700000	50.66	---	74.00	23.34	V	4.7
8580.700000	---	44.88	54.00	9.12	V	4.7
9818.200000	---	43.32	54.00	10.68	H	5.8
9818.200000	52.52	---	74.00	21.48	H	5.8

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 16.2°C
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

Full Spectrum

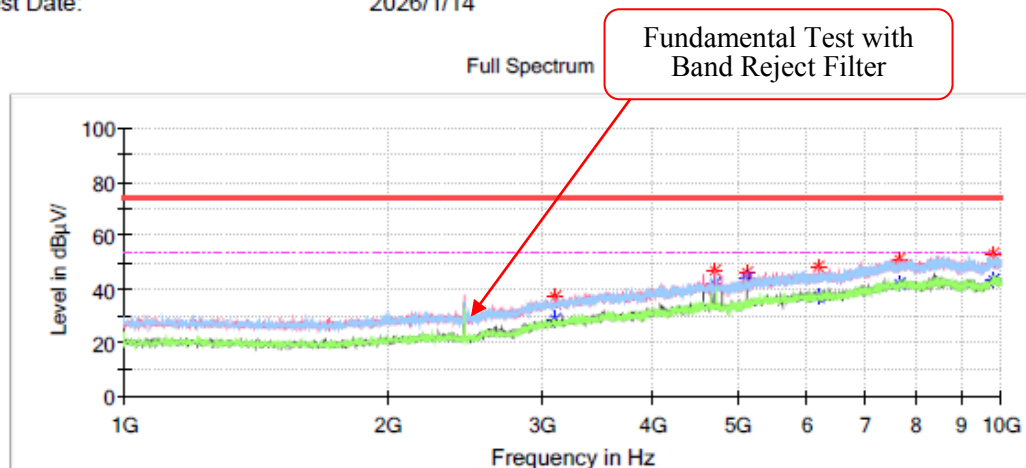


Critical Freqs

Frequency (MHz)	MaxPeak (dB μV/m)	Average (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Pol	Corr. (dB/m)
12129.600000	---	45.01	54.00	8.99	V	9.0
12129.600000	56.14	---	74.00	17.86	V	9.0
13393.600000	---	44.03	54.00	9.97	V	9.8
13393.600000	54.83	---	74.00	19.17	V	9.8
14180.800000	---	46.83	54.00	7.17	V	11.4
14180.800000	54.24	---	74.00	19.76	V	11.4
14894.400000	---	45.88	54.00	8.12	H	10.6
14894.400000	56.28	---	74.00	17.72	H	10.6
16996.800000	---	45.48	54.00	8.52	H	10.9
16996.800000	54.29	---	74.00	19.71	H	10.9
17916.800000	53.77	---	74.00	20.23	V	11.5
17916.800000	---	46.67	54.00	7.33	V	11.5

Middle Channel: 2441 MHz**Common Information**

Project No.:	RKSA251230001
EUT Model:	K1141
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:	16.2°C
Humidity:	43%
Atmospheric Pressure:	102.2kPa
Test Engineer:	Destine Hu
Test Date:	2026/1/14

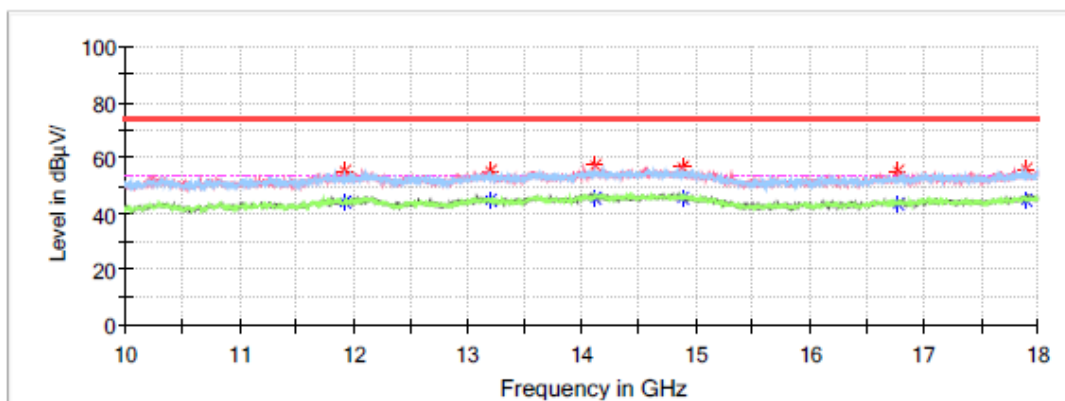
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
3103.300000	---	28.64	54.00	25.36	V	-7.7
3103.300000	36.92	---	74.00	37.08	V	-7.7
4718.800000	---	42.06	54.00	11.94	V	-3.6
4718.800000	46.66	---	74.00	27.34	V	-3.6
5130.100000	46.32	---	74.00	27.68	V	-2.6
5130.100000	---	43.81	54.00	10.19	V	-2.6
6192.100000	48.24	---	74.00	25.76	V	-0.7
6192.100000	---	36.75	54.00	17.25	V	-0.7
7664.500000	---	41.72	54.00	12.28	H	3.1
7664.500000	50.87	---	74.00	23.13	H	3.1
9817.300000	---	43.06	54.00	10.94	H	5.8
9817.300000	53.03	---	74.00	20.97	H	5.8

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 16.2℃
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

Full Spectrum

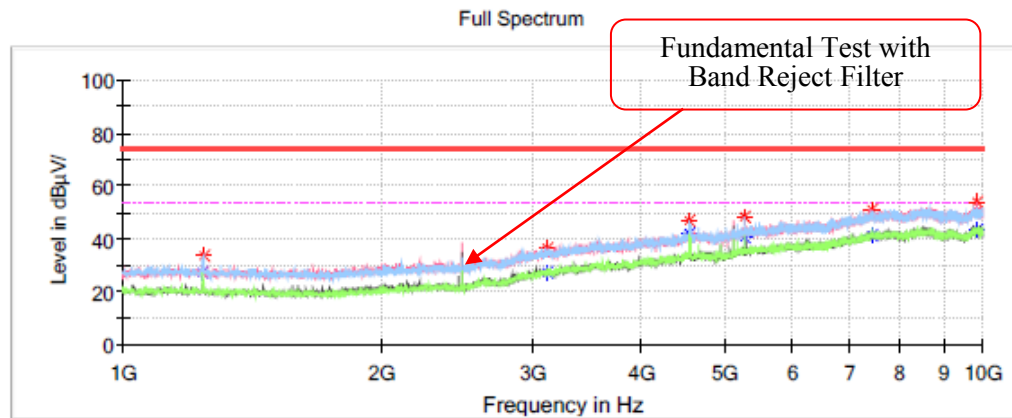


Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
11915.200000	---	43.87	54.00	10.13	H	8.9
11915.200000	55.06	---	74.00	18.94	H	8.9
13198.400000	---	45.10	54.00	8.90	V	9.5
13198.400000	55.17	---	74.00	18.83	V	9.5
14112.000000	---	45.37	54.00	8.63	V	11.3
14112.000000	57.25	---	74.00	16.75	V	11.3
14888.000000	56.89	---	74.00	17.11	H	10.7
14888.000000	---	45.60	54.00	8.40	H	10.7
16776.000000	55.18	---	74.00	18.82	H	10.1
16776.000000	---	43.49	54.00	10.51	H	10.1
17897.600000	55.65	---	74.00	18.35	H	11.5
17897.600000	---	45.01	54.00	8.99	H	11.5

High Channel: 2480 MHz**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 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: 16.2℃
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

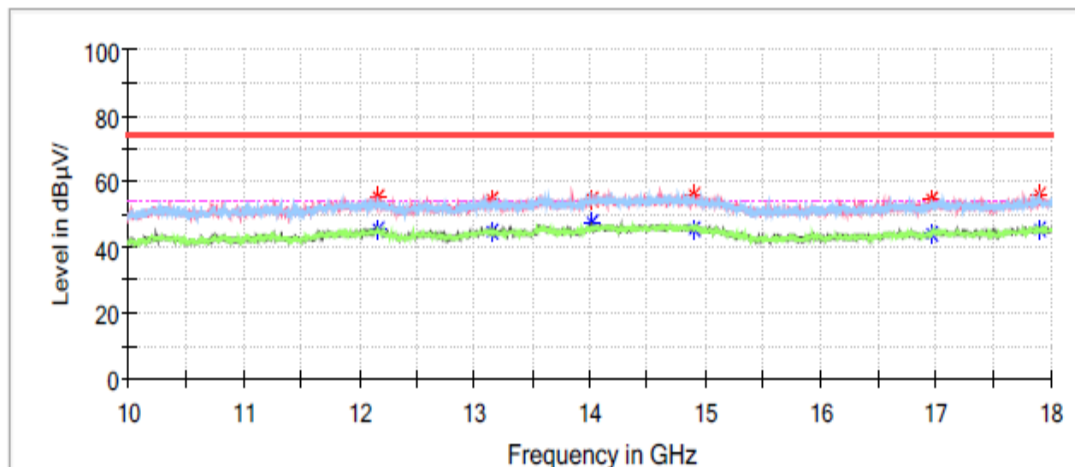
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1240.300000	---	27.44	54.00	26.56	H	-14.4
1240.300000	33.47	---	74.00	40.53	H	-14.4
3113.200000	---	27.43	54.00	26.57	V	-7.7
3113.200000	36.65	---	74.00	37.35	V	-7.7
4562.200000	46.90	---	74.00	27.10	H	-4.0
4562.200000	---	41.63	54.00	12.37	H	-4.0
5284.900000	---	40.85	54.00	13.15	H	-2.2
5284.900000	48.40	---	74.00	25.60	H	-2.2
7423.300000	---	41.23	54.00	12.77	V	2.7
7423.300000	50.80	---	74.00	23.20	V	2.7
9834.400000	---	43.41	54.00	10.59	V	5.8
9834.400000	53.76	---	74.00	20.24	V	5.8

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 16.2°C
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

Full Spectrum

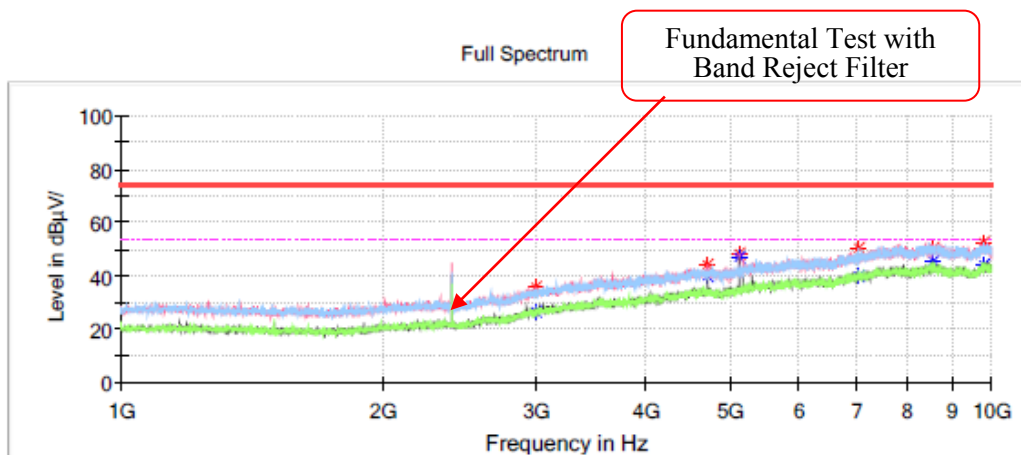


Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12163.200000	---	45.11	54.00	8.89	H	9.0
12163.200000	55.26	---	74.00	18.74	H	9.0
13152.000000	54.72	---	74.00	19.28	H	9.4
13152.000000	---	44.86	54.00	9.14	H	9.4
14016.000000	54.86	---	74.00	19.14	V	11.1
14016.000000	---	47.40	54.00	6.60	V	11.1
14905.600000	---	45.58	54.00	8.42	H	10.6
14905.600000	55.93	---	74.00	18.07	H	10.6
16961.600000	---	43.86	54.00	10.14	V	10.8
16961.600000	54.83	---	74.00	19.17	V	10.8
17889.600000	---	45.31	54.00	8.69	H	11.5
17889.600000	55.65	---	74.00	18.35	H	11.5

8DPSK:**Low Channel: 2402 MHz****Common Information**

Project No.:	RKSA251230001
EUT Model:	K1141
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:	16.2°C
Humidity:	43%
Atmospheric Pressure:	102.2kPa
Test Engineer:	Destine Hu
Test Date:	2026/1/14

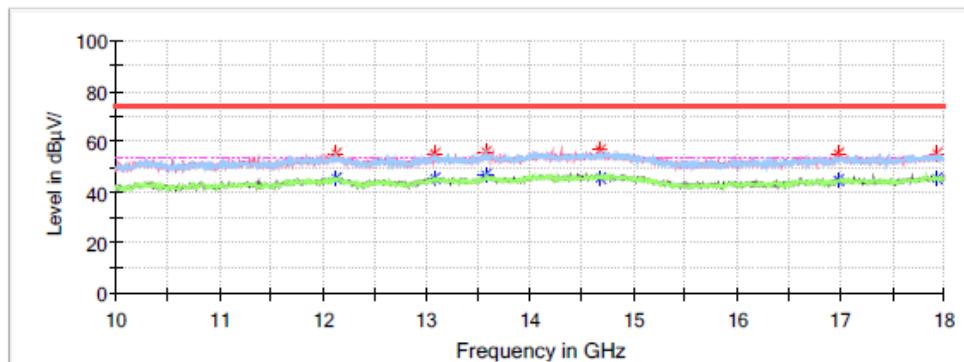
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2995.300000	---	26.62	54.00	27.38	V	-8.1
2995.300000	35.96	---	74.00	38.04	V	-8.1
4716.100000	---	39.71	54.00	14.29	V	-3.6
4716.100000	44.29	---	74.00	29.71	V	-3.6
5130.100000	---	46.52	54.00	7.48	V	-2.6
5130.100000	48.34	---	74.00	25.66	V	-2.6
7041.700000	---	39.95	54.00	14.05	H	1.6
7041.700000	50.28	---	74.00	23.72	H	1.6
8569.000000	50.13	---	74.00	23.87	V	4.7
8569.000000	---	45.18	54.00	8.82	V	4.7
9816.400000	---	44.07	54.00	9.93	H	5.8
9816.400000	52.26	---	74.00	21.74	H	5.8

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 16.2℃
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

Full Spectrum

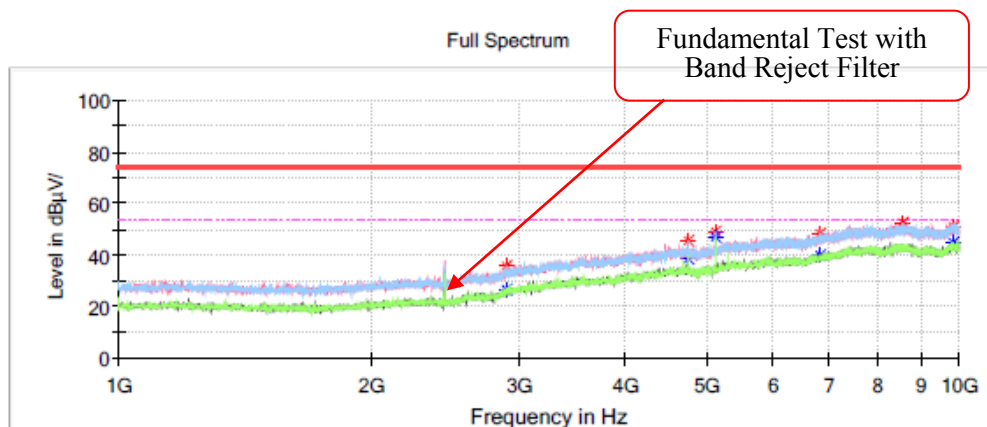


Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12120.000000	---	45.35	54.00	8.65	H	9.0
12120.000000	55.16	---	74.00	18.84	H	9.0
13081.600000	---	45.60	54.00	8.40	V	9.3
13081.600000	55.38	---	74.00	18.62	V	9.3
13582.400000	---	46.72	54.00	7.28	H	10.2
13582.400000	55.96	---	74.00	18.04	H	10.2
14686.400000	---	45.59	54.00	8.41	V	11.3
14686.400000	56.59	---	74.00	17.41	V	11.3
16982.400000	---	44.42	54.00	9.58	V	10.9
16982.400000	55.47	---	74.00	18.53	V	10.9
17936.000000	55.52	---	74.00	18.48	V	11.6
17936.000000	---	45.27	54.00	8.73	V	11.6

Middle Channel: 2441 MHz**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 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: 16.2℃
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

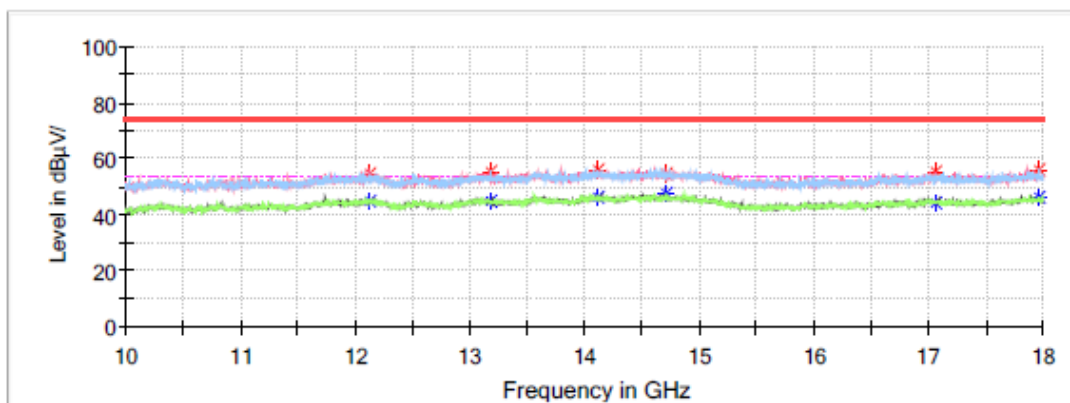
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2894.500000	---	26.90	54.00	27.10	H	-8.4
2894.500000	35.68	---	74.00	38.32	H	-8.4
4755.700000	---	38.35	54.00	15.65	H	-3.5
4755.700000	45.34	---	74.00	28.66	H	-3.5
5130.100000	49.13	---	74.00	24.87	H	-2.6
5130.100000	---	47.00	54.00	7.00	V	-2.6
6819.400000	---	39.59	54.00	14.41	V	0.7
6819.400000	48.46	---	74.00	25.54	H	0.7
8579.800000	52.53	---	74.00	21.47	H	4.7
9838.000000	51.13	---	74.00	22.87	H	5.9
9838.000000	---	44.89	54.00	9.11	H	5.9

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 16.2℃
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

Full Spectrum

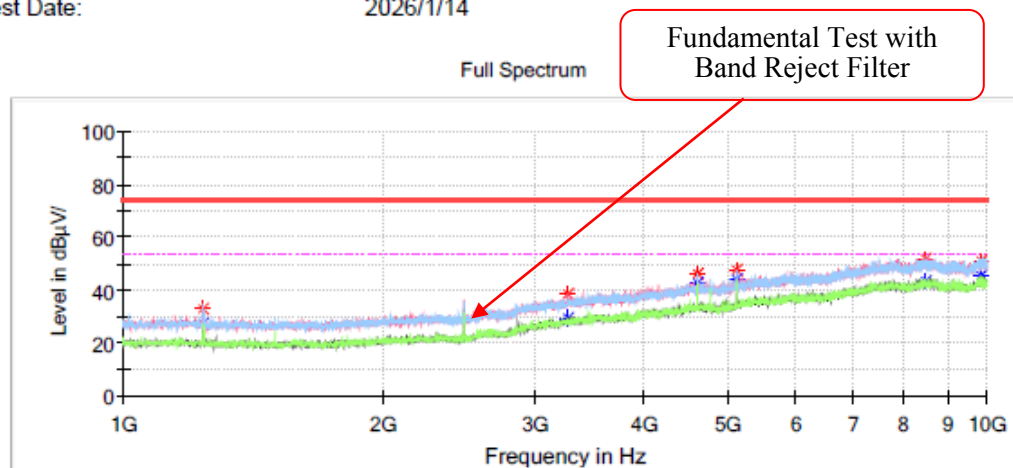


Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12136.000000	---	44.42	54.00	9.58	H	9.0
12136.000000	54.87	---	74.00	19.13	H	9.0
13184.000000	---	44.71	54.00	9.29	H	9.5
13184.000000	54.95	---	74.00	19.05	H	9.5
14113.600000	---	45.82	54.00	8.18	V	11.3
14113.600000	56.13	---	74.00	17.87	V	11.3
14721.600000	---	47.67	54.00	6.33	H	11.2
14721.600000	54.72	---	74.00	19.28	H	11.2
17065.600000	---	44.35	54.00	9.65	V	10.9
17065.600000	55.56	---	74.00	18.44	V	10.9
17960.000000	---	46.26	54.00	7.74	H	11.7
17960.000000	55.92	---	74.00	18.08	H	11.7

High Channel: 2480 MHz**Common Information**

Project No.:	RKSA251230001
EUT Model:	K1141
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:	16.2°C
Humidity:	43%
Atmospheric Pressure:	102.2kPa
Test Engineer:	Destine Hu
Test Date:	2026/1/14

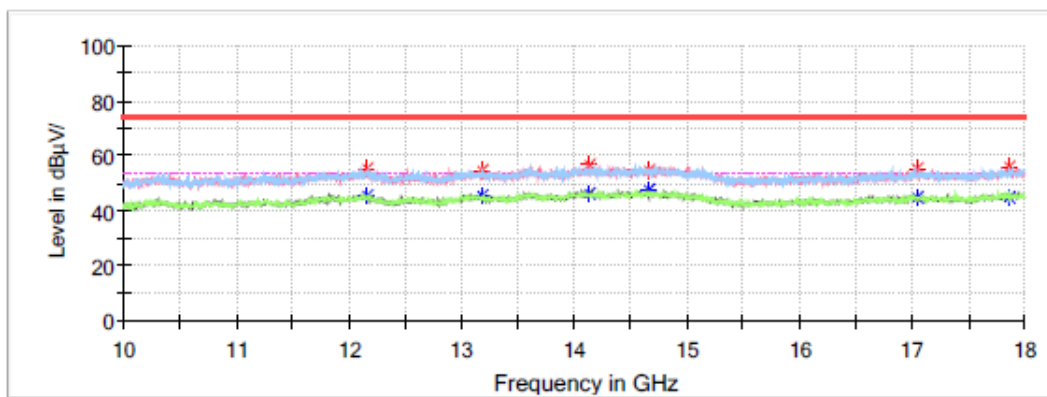
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1239.400000	---	27.42	54.00	26.58	H	-14.4
1239.400000	33.06	---	74.00	40.94	H	-14.4
3277.000000	---	29.69	54.00	24.31	V	-7.1
3277.000000	38.16	---	74.00	35.84	V	-7.1
4626.100000	---	42.53	54.00	11.47	H	-3.9
4626.100000	46.34	---	74.00	27.66	H	-3.9
5130.100000	---	44.29	54.00	9.71	H	-2.6
5130.100000	47.90	---	74.00	26.10	H	-2.6
8479.000000	---	43.19	54.00	10.81	V	4.6
8479.000000	51.99	---	74.00	22.01	V	4.6
9836.200000	50.79	---	74.00	23.21	V	5.8
9836.200000	---	45.32	54.00	8.68	V	5.8

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 16.2℃
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

Full Spectrum

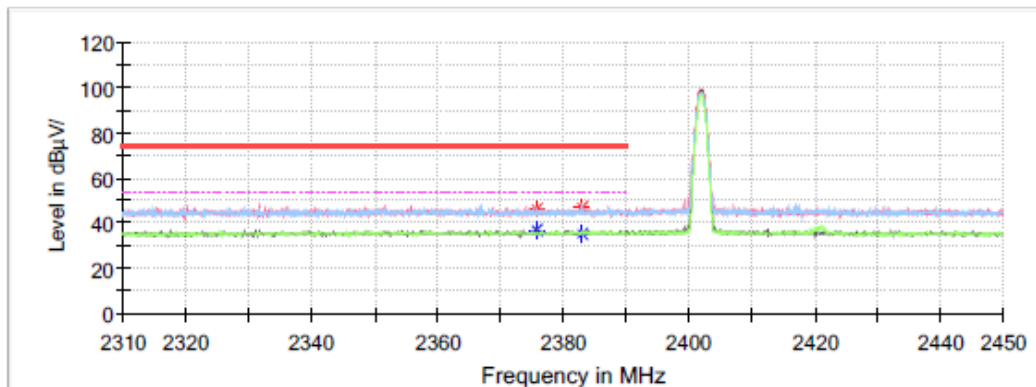


Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12166.400000	---	45.47	54.00	8.53	H	9.0
12166.400000	55.08	---	74.00	18.92	H	9.0
13187.200000	---	45.11	54.00	8.89	V	9.5
13187.200000	54.85	---	74.00	19.15	V	9.5
14137.600000	---	45.83	54.00	8.17	V	11.3
14137.600000	56.56	---	74.00	17.44	V	11.3
14660.800000	---	47.34	54.00	6.66	V	11.4
14660.800000	54.30	---	74.00	19.70	V	11.4
17040.000000	---	44.48	54.00	9.52	V	10.9
17040.000000	55.12	---	74.00	18.88	V	10.9
17867.200000	---	44.95	54.00	9.05	V	11.4
17867.200000	55.78	---	74.00	18.22	V	11.4

Band Edge:**GFSK:****Left Side****Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 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: 16.2℃
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

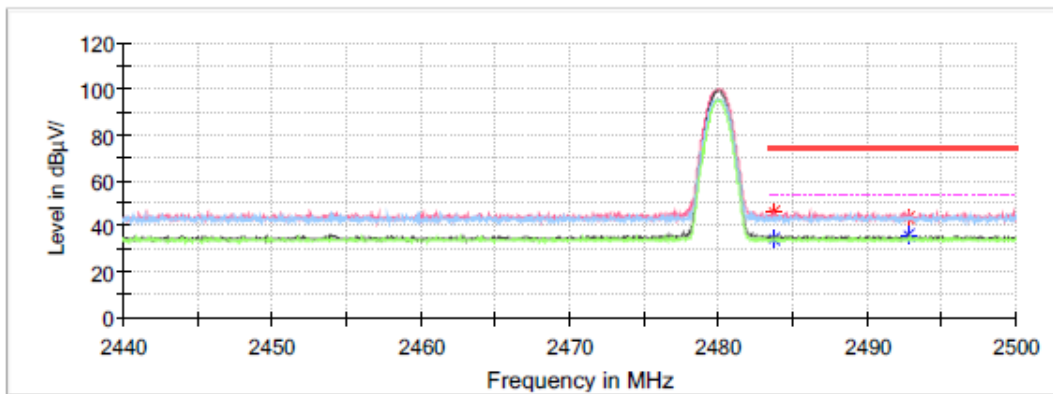
Full Spectrum**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2375.912000	45.85	---	74.00	28.15	V	0.4
2375.912000	---	36.81	54.00	17.19	V	0.4
2383.136000	---	35.36	54.00	18.64	H	0.4
2383.136000	46.76	---	74.00	27.24	H	0.4

Right Side**Common Information**

Project No.: RKSA251230001
EUT Model: K1141
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: 16.2°C
Humidity: 43%
Atmospheric Pressure: 102.2kPa
Test Engineer: Destine Hu
Test Date: 2026/1/14

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)
2483.680000	46.18	---	74.00	27.82	V	0.5
2483.680000	---	34.63	54.00	19.37	V	0.5
2492.800000	43.57	---	74.00	30.43	V	0.5
2492.800000	---	35.83	54.00	18.17	V	0.5

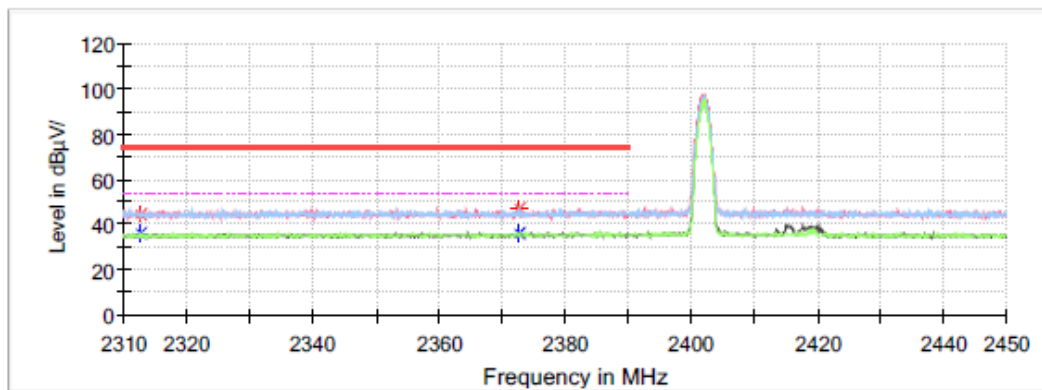
$\pi/4$ -DQPSK:

Left Side

Common Information

Project No.: RKSA251230001
EUT Model: K1141
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: 16.2℃
Humidity: 43%
Atmospheric Pressure: 102.2kPa
Test Engineer: Destine Hu
Test Date: 2026/1/14

Full Spectrum

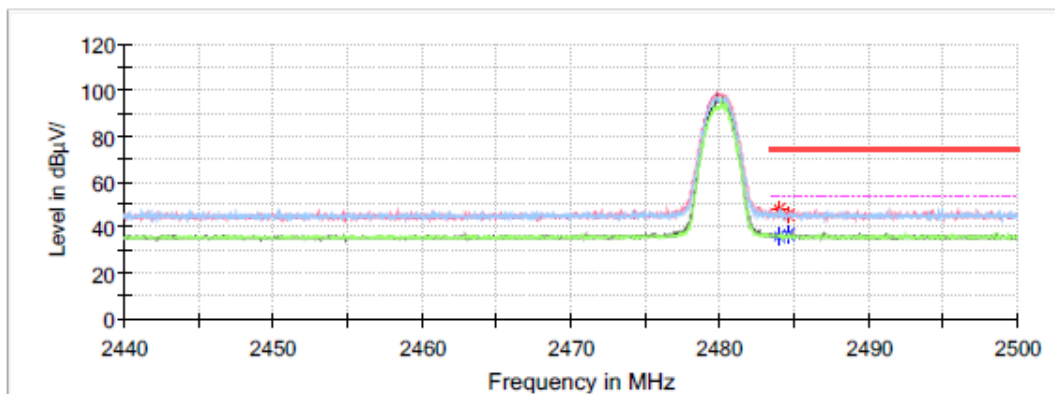
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2312.576000	44.81	---	74.00	29.19	H	0.3
2312.576000	---	36.43	54.00	17.57	H	0.3
2372.608000	47.37	---	74.00	26.63	H	0.4
2372.608000	---	36.00	54.00	18.00	H	0.4

Right Side**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 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: 16.2℃
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

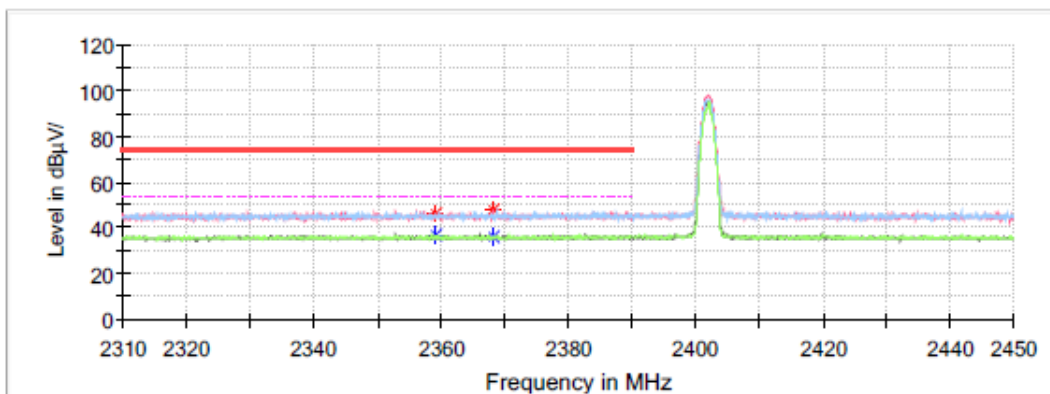
Full Spectrum

**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)
2483.992000	---	35.85	54.00	18.15	V	0.5
2483.992000	47.76	---	74.00	26.24	V	0.5
2484.640000	44.91	---	74.00	29.09	H	0.5
2484.640000	---	37.21	54.00	16.79	H	0.5

8DPSK:**Left Side****Common Information**

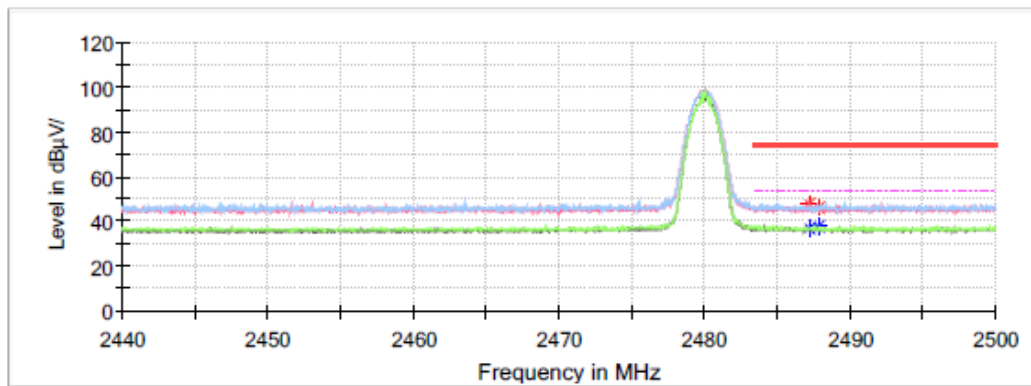
Project No.:	RKSA251230001
EUT Model:	K1141
Test Mode:	Transmitting in BT_3DH5 mode Low channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	16.2°C
Humidity:	43%
Atmospheric Pressure:	102.2kPa
Test Engineer:	Destine Hu
Test Date:	2026/1/14

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)
2359.168000	46.05	---	74.00	27.95	H	0.3
2359.168000	---	37.23	54.00	16.77	H	0.3
2368.184000	---	35.67	54.00	18.33	V	0.4
2368.184000	47.73	---	74.00	26.27	V	0.4

Right Side**Common Information**

Project No.: RKSA251230001
EUT Model: K1141
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: 16.2℃
Humidity: 43%
Atmospheric Pressure: 102.2kPa
Test Engineer: Destine Hu
Test Date: 2026/1/14

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)
2487.256000	47.91	---	74.00	26.09	V	0.5
2487.256000	---	36.57	54.00	17.43	V	0.5
2487.808000	46.04	---	74.00	27.96	H	0.5
2487.808000	---	37.84	54.00	16.16	H	0.5

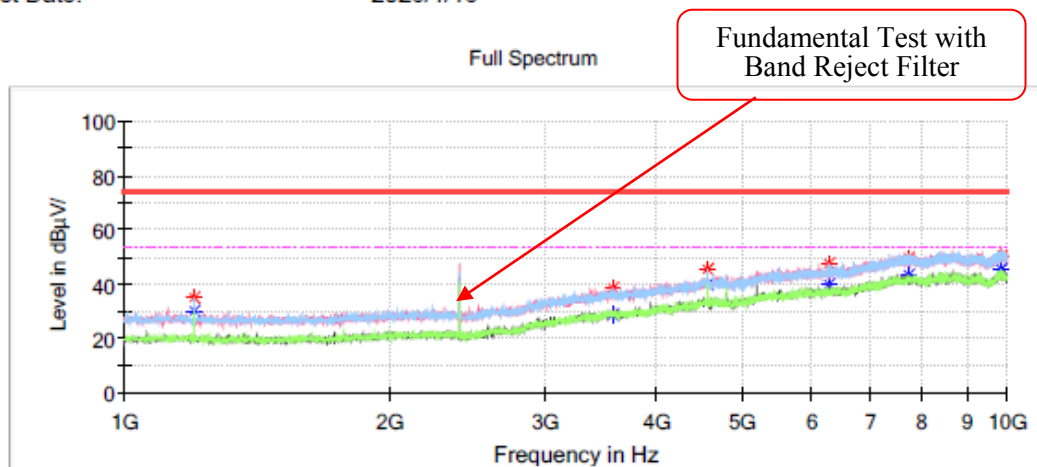
Configuration 3

GFSK:

Low Channel: 2402 MHz

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 17.5°C
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18



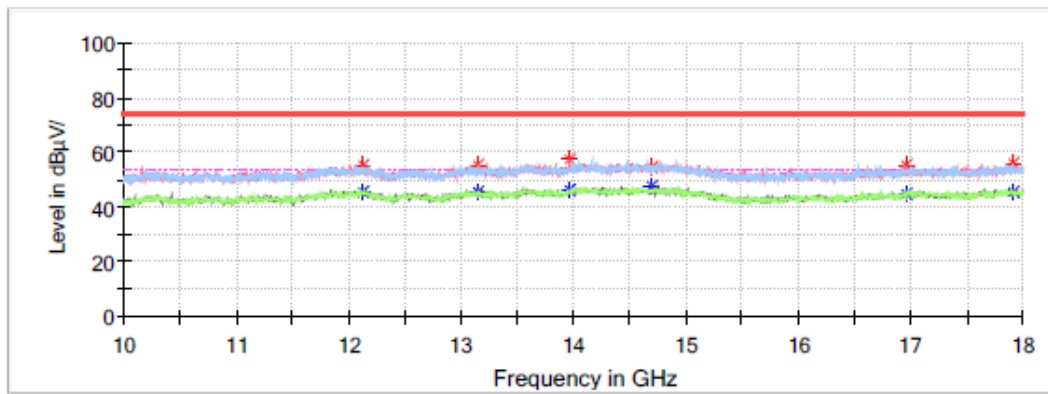
Critical Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1200.700000	---	30.23	54.00	23.77	H	-14.5
1200.700000	35.24	---	74.00	38.76	H	-14.5
3583.000000	38.36	---	74.00	35.64	V	-6.1
3583.000000	---	28.62	54.00	25.38	V	-6.1
4578.400000	---	39.61	54.00	14.39	H	-4.0
4578.400000	45.12	---	74.00	28.88	H	-4.0
6285.700000	---	39.64	54.00	14.36	V	-0.7
6285.700000	47.66	---	74.00	26.34	V	-0.7
7732.000000	---	43.31	54.00	10.69	H	3.1
7732.000000	49.90	---	74.00	24.10	H	3.1
9835.300000	---	45.18	54.00	8.82	H	5.8
9835.300000	50.00	---	74.00	24.00	H	5.8

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 17.5℃
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

Full Spectrum

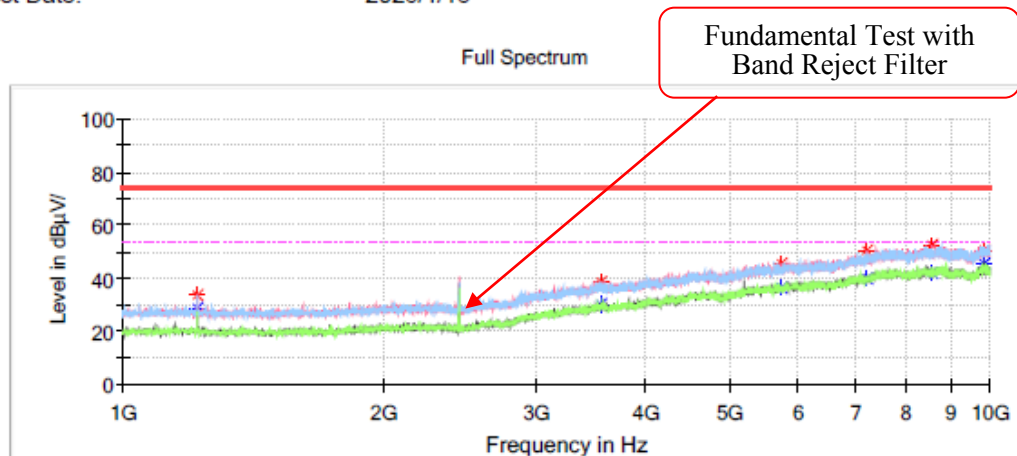


Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12123.200000	55.02	---	74.00	18.98	V	9.0
12123.200000	---	45.23	54.00	8.77	V	9.0
13148.800000	---	45.18	54.00	8.82	H	9.4
13148.800000	55.02	---	74.00	18.98	H	9.4
13969.600000	57.28	---	74.00	16.72	H	11.0
13969.600000	---	45.90	54.00	8.10	H	11.0
14689.600000	54.25	---	74.00	19.75	V	11.3
14689.600000	---	47.34	54.00	6.66	V	11.3
16963.200000	55.47	---	74.00	18.53	H	10.8
16963.200000	---	44.54	54.00	9.46	H	10.8
17910.400000	55.80	---	74.00	18.20	H	11.5
17910.400000	---	45.19	54.00	8.81	H	11.5

Middle Channel: 2441 MHz**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 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: 17.5℃
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

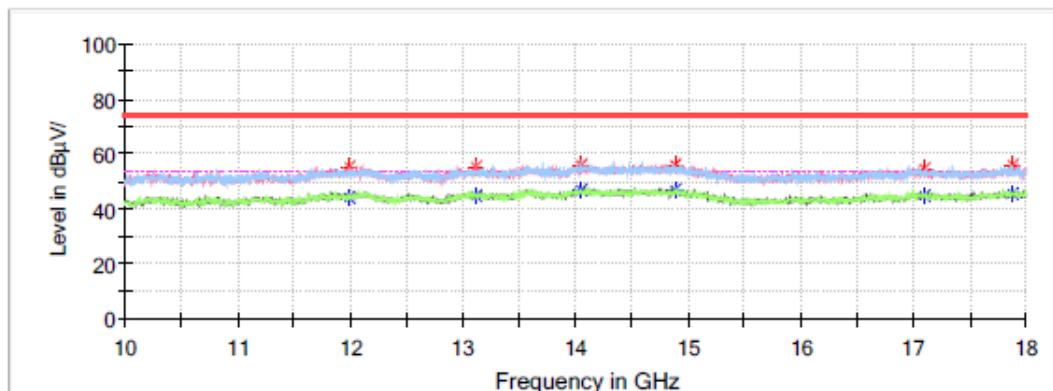
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1220.500000	---	28.38	54.00	25.62	H	-14.4
1220.500000	33.86	---	74.00	40.14	H	-14.4
3552.400000	---	30.33	54.00	23.67	H	-6.2
3552.400000	38.20	---	74.00	35.80	H	-6.2
5747.500000	---	36.23	54.00	17.77	V	-1.2
5747.500000	45.69	---	74.00	28.31	V	-1.2
7212.700000	---	39.95	54.00	14.05	V	2.1
7212.700000	50.52	---	74.00	23.48	V	2.1
8595.100000	52.20	---	74.00	21.80	V	4.7
8595.100000	---	41.83	54.00	12.17	V	4.7
9835.300000	---	45.30	54.00	8.70	V	5.8
9835.300000	50.67	---	74.00	23.33	V	5.8

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 17.5℃
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

Full Spectrum

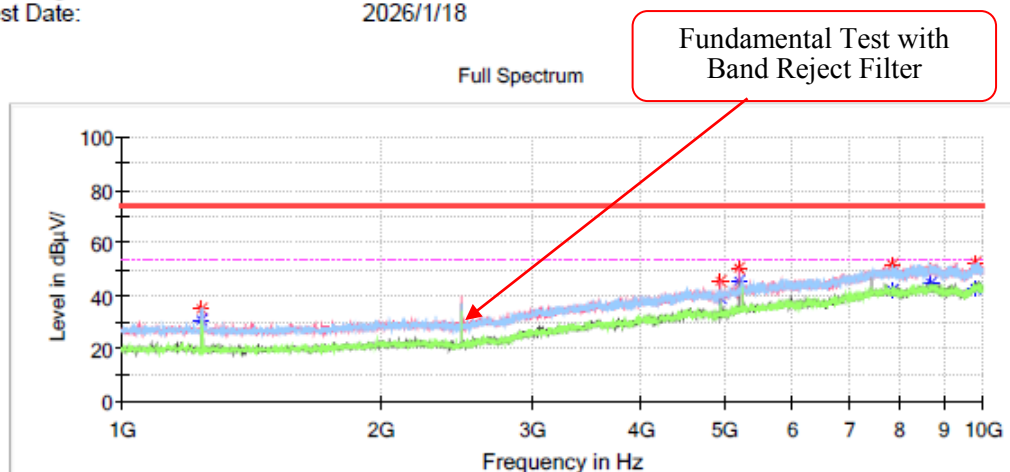


Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
11992.000000	---	44.34	54.00	9.66	V	9.1
11992.000000	55.43	---	74.00	18.57	V	9.1
13107.200000	55.47	---	74.00	18.53	V	9.4
13107.200000	---	44.60	54.00	9.40	V	9.4
14043.200000	---	46.76	54.00	7.24	H	11.2
14043.200000	55.88	---	74.00	18.12	H	11.2
14881.600000	56.28	---	74.00	17.72	V	10.7
14881.600000	---	47.20	54.00	6.80	V	10.7
17102.400000	---	44.42	54.00	9.58	V	10.8
17102.400000	54.82	---	74.00	19.18	V	10.8
17886.400000	---	45.49	54.00	8.51	H	11.5
17886.400000	55.65	---	74.00	18.35	H	11.5

High Channel: 2480 MHz**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 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: 17.5℃
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

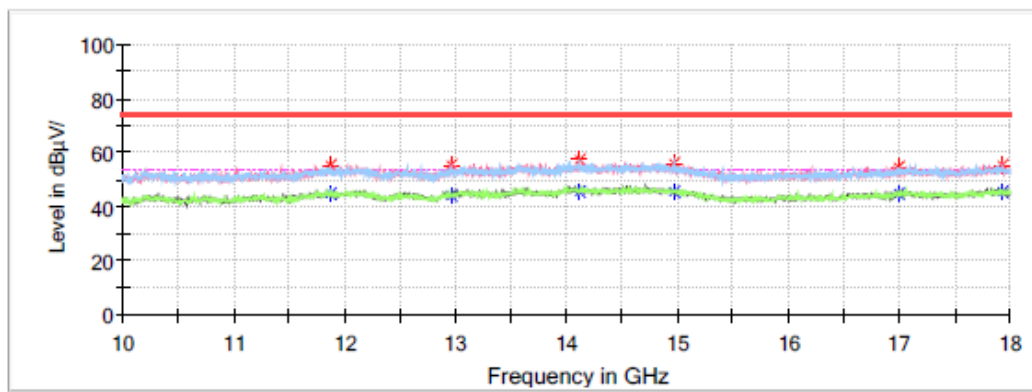
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1239.400000	34.82	---	74.00	39.18	H	-14.4
1239.400000	---	30.91	54.00	23.09	H	-14.4
4960.000000	---	39.40	54.00	14.60	V	-3.0
4960.000000	45.70	---	74.00	28.30	V	-3.0
5209.300000	50.21	---	74.00	23.79	V	-2.4
5209.300000	---	45.44	54.00	8.56	V	-2.4
7839.100000	---	42.14	54.00	11.86	H	3.2
7839.100000	51.59	---	74.00	22.41	H	3.2
8720.200000	49.46	---	74.00	24.54	H	4.7
8720.200000	---	44.67	54.00	9.33	H	4.7
9814.600000	52.58	---	74.00	21.42	H	5.8
9814.600000	---	43.00	54.00	11.00	H	5.8

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 17.5℃
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

Full Spectrum



Critical Freqs

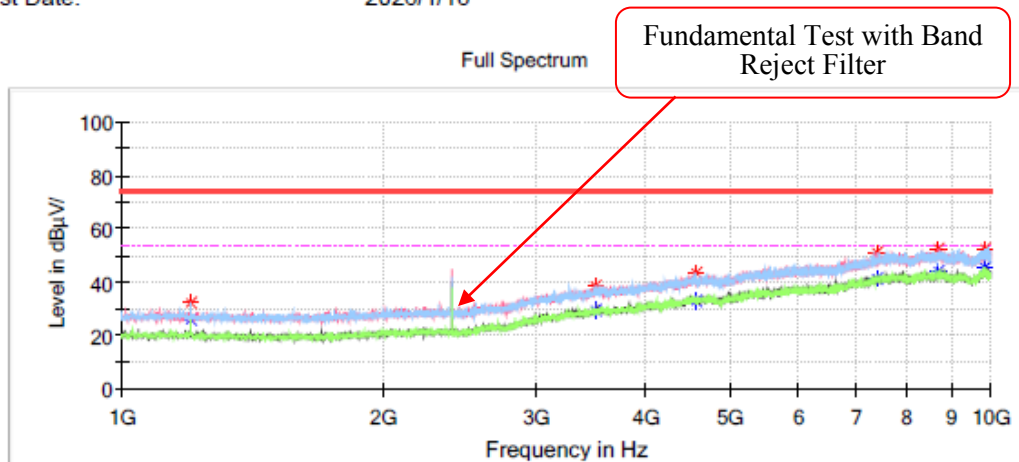
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
11875.200000	55.15	---	74.00	18.85	V	8.8
11875.200000	---	44.83	54.00	9.17	V	8.8
12969.600000	55.51	---	74.00	18.49	V	9.2
12969.600000	---	44.14	54.00	9.86	V	9.2
14116.800000	57.04	---	74.00	16.96	H	11.3
14116.800000	---	45.68	54.00	8.32	H	11.3
14963.200000	55.99	---	74.00	18.01	H	10.4
14963.200000	---	45.67	54.00	8.33	H	10.4
16990.400000	---	44.67	54.00	9.33	V	10.9
16990.400000	54.78	---	74.00	19.22	V	10.9
17924.800000	---	45.53	54.00	8.47	V	11.6
17924.800000	55.37	---	74.00	18.63	V	11.6

$\pi/4$ -DQPSK:

Low Channel: 2402 MHz

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 17.5°C
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

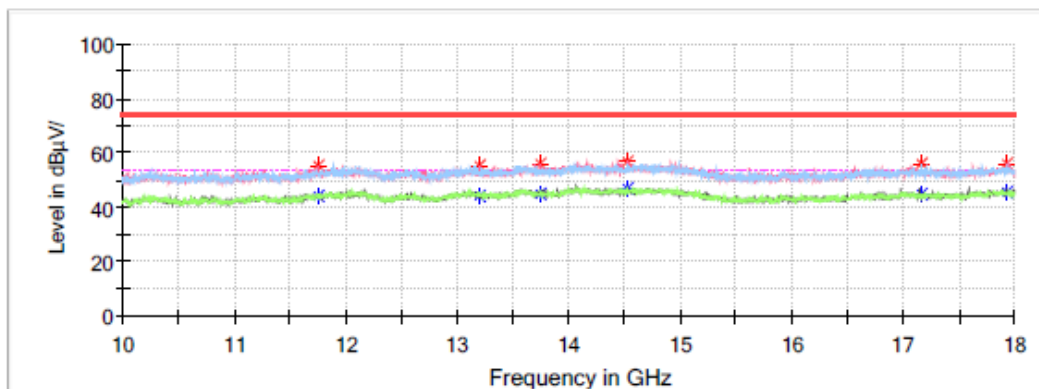
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1200.700000	31.89	---	74.00	42.11	H	-14.5
1200.700000	---	25.86	54.00	28.14	H	-14.5
3504.700000	---	29.32	54.00	24.68	V	-6.3
3504.700000	38.58	---	74.00	35.42	V	-6.3
4585.600000	---	32.89	54.00	21.11	H	-4.0
4585.600000	43.05	---	74.00	30.95	H	-4.0
7408.900000	51.23	---	74.00	22.77	V	2.7
7408.900000	---	41.25	54.00	12.75	V	2.7
8723.800000	---	43.82	54.00	10.18	H	4.7
8723.800000	52.48	---	74.00	21.52	H	4.7
9856.000000	---	45.45	54.00	8.55	H	5.9
9856.000000	52.47	---	74.00	21.53	H	5.9

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 17.5℃
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

Full Spectrum

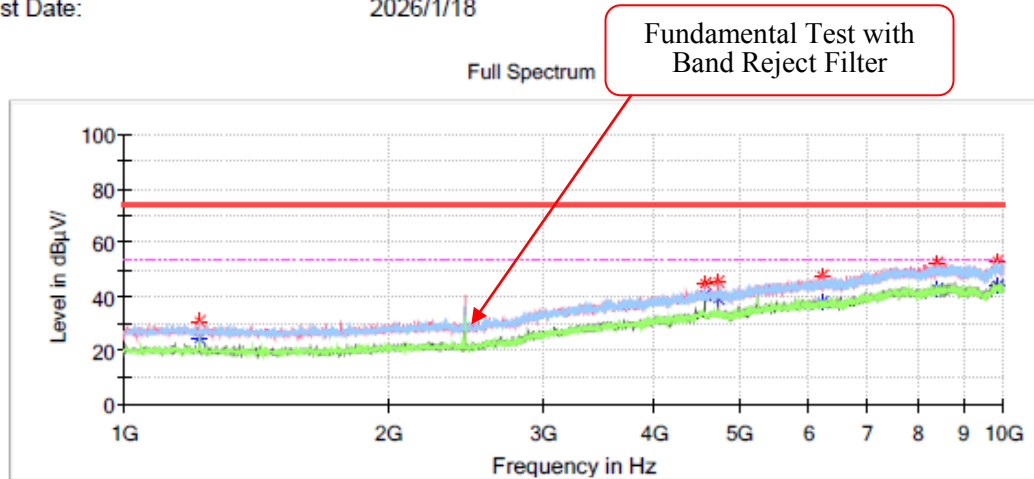


Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
11747.200000	55.07	---	74.00	18.93	V	8.6
11747.200000	---	44.39	54.00	9.61	V	8.6
13204.800000	---	44.35	54.00	9.65	V	9.5
13204.800000	55.53	---	74.00	18.47	V	9.5
13740.800000	55.92	---	74.00	18.08	H	10.5
13740.800000	---	44.52	54.00	9.48	H	10.5
14536.000000	---	46.58	54.00	7.42	V	11.8
14536.000000	56.85	---	74.00	17.15	V	11.8
17171.200000	55.62	---	74.00	18.38	V	10.8
17171.200000	---	44.80	54.00	9.20	V	10.8
17932.800000	---	45.70	54.00	8.30	V	11.6
17932.800000	56.23	---	74.00	17.77	V	11.6

Middle Channel: 2441 MHz**Common Information**

Project No.:	RKSA251230001
EUT Model:	K1141
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:	17.5°C
Humidity:	42%
Atmospheric Pressure:	101.7kPa
Test Engineer:	Destine Hu
Test Date:	2026/1/18

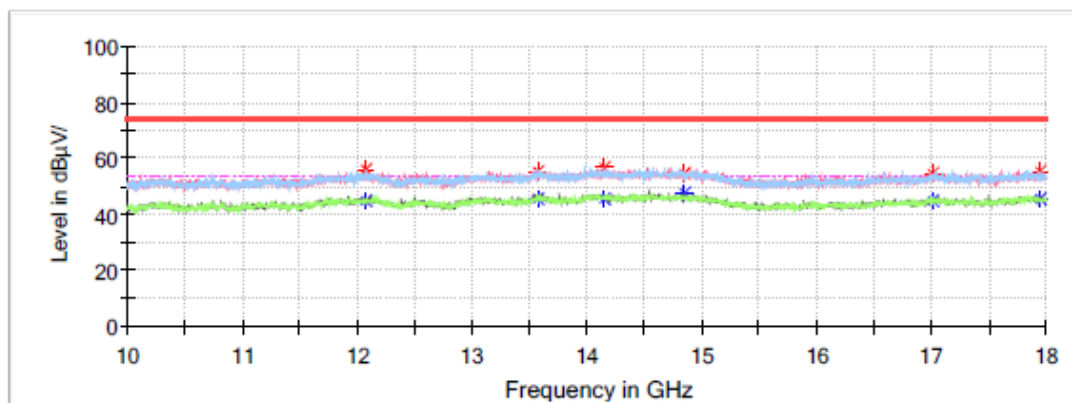
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1220.500000	30.68	---	74.00	43.32	H	-14.4
1220.500000	---	24.43	54.00	29.57	H	-14.4
4582.000000	---	40.34	54.00	13.66	V	-4.0
4582.000000	44.52	---	74.00	29.48	V	-4.0
4739.500000	45.43	---	74.00	28.57	V	-3.6
4739.500000	---	38.98	54.00	15.02	V	-3.6
6222.700000	---	37.69	54.00	16.31	V	-0.7
6222.700000	47.46	---	74.00	26.54	V	-0.7
8402.500000	---	42.41	54.00	11.59	V	4.4
8402.500000	52.66	---	74.00	21.34	V	4.4
9840.700000	53.26	---	74.00	20.74	H	5.9
9840.700000	---	43.92	54.00	10.08	H	5.9

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 17.5°C
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

Full Spectrum

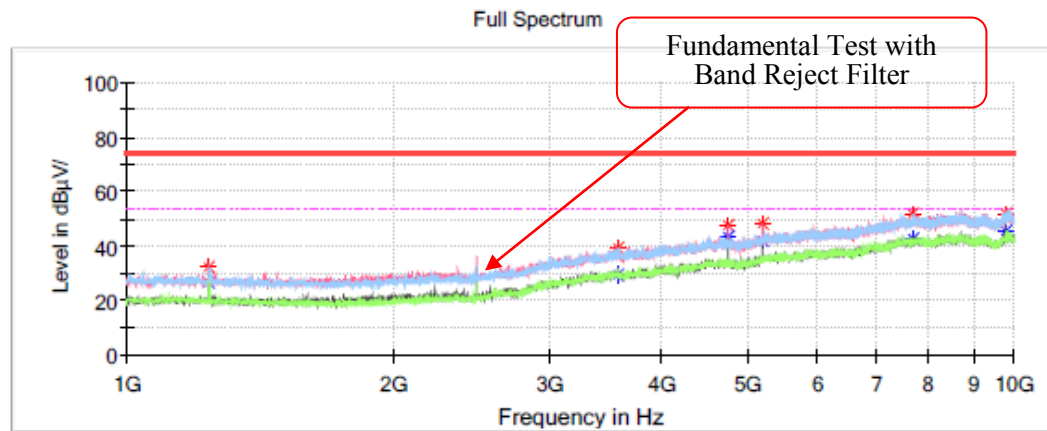


Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12072.000000	55.68	---	74.00	18.32	H	9.0
12072.000000	---	44.74	54.00	9.26	H	9.0
13566.400000	55.54	---	74.00	18.46	V	10.1
13566.400000	---	45.52	54.00	8.48	V	10.1
14150.400000	56.37	---	74.00	17.63	V	11.4
14150.400000	---	45.79	54.00	8.21	V	11.4
14856.000000	---	47.41	54.00	6.59	V	10.8
14856.000000	54.46	---	74.00	19.54	V	10.8
17019.200000	---	44.47	54.00	9.53	V	10.9
17019.200000	54.72	---	74.00	19.28	V	10.9
17955.200000	55.03	---	74.00	18.97	H	11.6
17955.200000	---	45.70	54.00	8.30	H	11.6

High Channel: 2480 MHz**Common Information**

Project No.: RKSA251230001
EUT Model: K1141
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: 17.5℃
Humidity: 42%
Atmospheric Pressure: 101.7kPa
Test Engineer: Destine Hu
Test Date: 2026/1/18

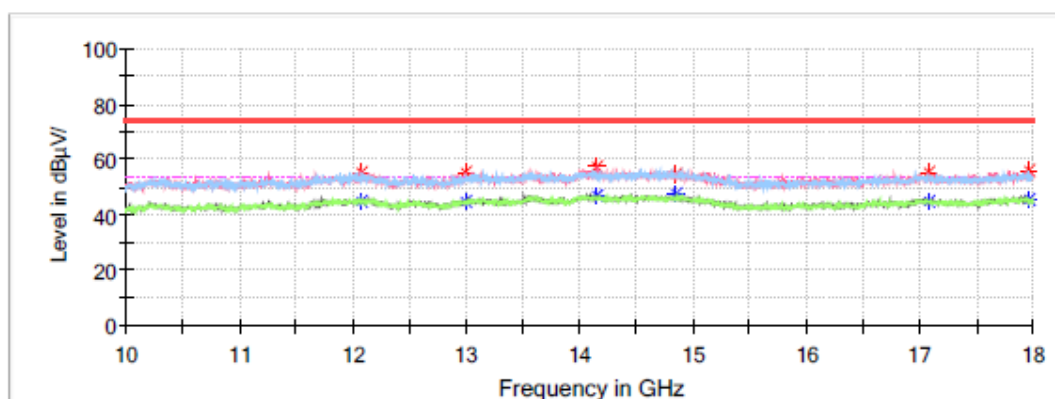
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1239.400000	32.24	---	74.00	41.76	H	-14.4
1239.400000	---	26.30	54.00	27.70	H	-14.4
3574.900000	---	29.15	54.00	24.85	V	-6.1
3574.900000	39.50	---	74.00	34.50	V	-6.1
4764.700000	47.43	---	74.00	26.57	V	-3.5
4764.700000	---	43.07	54.00	10.93	V	-3.5
5209.300000	48.30	---	74.00	25.70	V	-2.4
5209.300000	---	42.17	54.00	11.83	V	-2.4
7704.100000	---	42.68	54.00	11.32	H	3.1
7704.100000	51.97	---	74.00	22.03	H	3.1
9828.100000	51.42	---	74.00	22.58	H	5.8
9828.100000	---	45.68	54.00	8.32	H	5.8

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 17.5℃
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

Full Spectrum

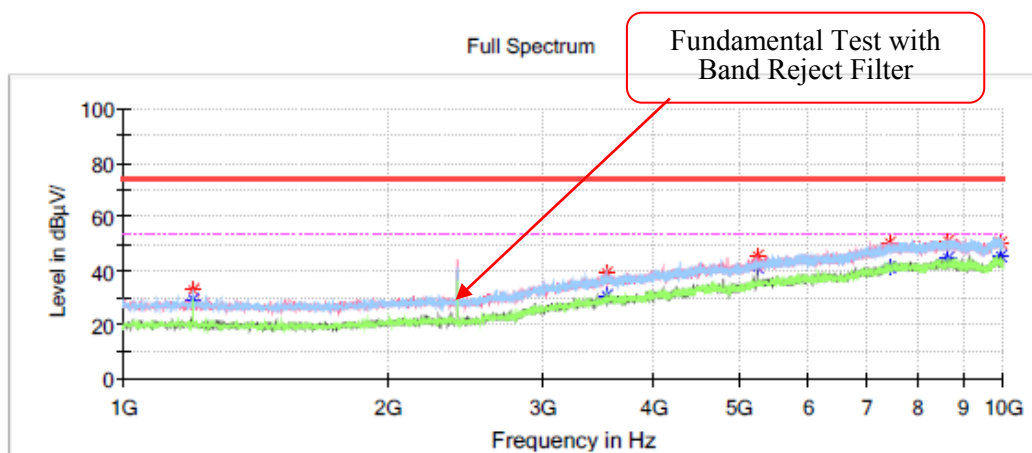


Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12083.200000	---	44.62	54.00	9.38	H	9.0
12083.200000	55.00	---	74.00	19.00	H	9.0
13000.000000	---	45.00	54.00	9.00	V	9.2
13000.000000	55.20	---	74.00	18.80	V	9.2
14153.600000	---	46.67	54.00	7.33	V	11.4
14153.600000	57.26	---	74.00	16.74	V	11.4
14844.800000	---	47.41	54.00	6.59	V	10.8
14844.800000	54.71	---	74.00	19.29	V	10.8
17083.200000	---	44.71	54.00	9.29	V	10.9
17083.200000	55.06	---	74.00	18.94	V	10.9
17961.600000	---	45.24	54.00	8.76	H	11.7
17961.600000	55.84	---	74.00	18.16	H	11.7

8DPSK:**Low Channel: 2402 MHz****Common Information**

Project No.:	RKSA251230001
EUT Model:	K1141
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:	17.5°C
Humidity:	42%
Atmospheric Pressure:	101.7kPa
Test Engineer:	Destine Hu
Test Date:	2026/1/18

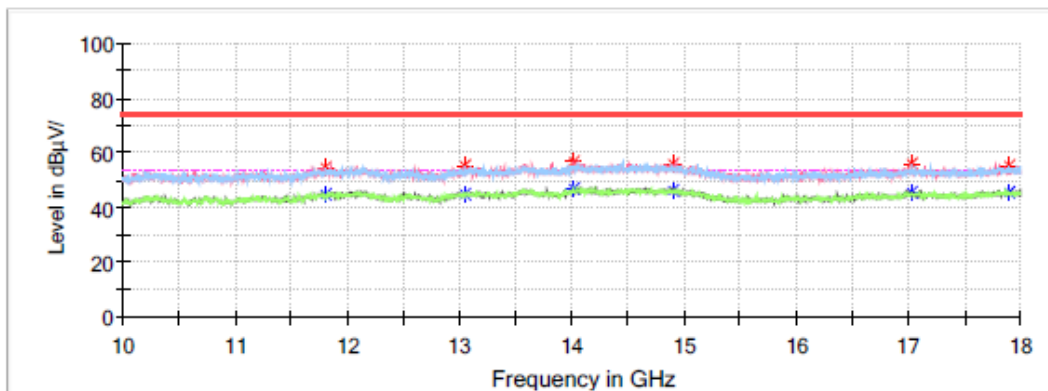
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1200.700000	32.83	---	74.00	41.17	H	-14.5
1200.700000	---	29.21	54.00	24.79	H	-14.5
3534.400000	---	30.70	54.00	23.30	H	-6.2
3534.400000	39.00	---	74.00	35.00	H	-6.2
5249.800000	---	41.35	54.00	12.65	V	-2.3
5249.800000	45.40	---	74.00	28.60	V	-2.3
7420.600000	---	41.34	54.00	12.66	H	2.7
7420.600000	50.62	---	74.00	23.38	H	2.7
8658.100000	51.20	---	74.00	22.80	H	4.7
8658.100000	---	44.60	54.00	9.40	H	4.7
9928.000000	50.47	---	74.00	23.53	H	6.1
9928.000000	---	45.61	54.00	8.39	H	6.1

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 17.5℃
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

Full Spectrum

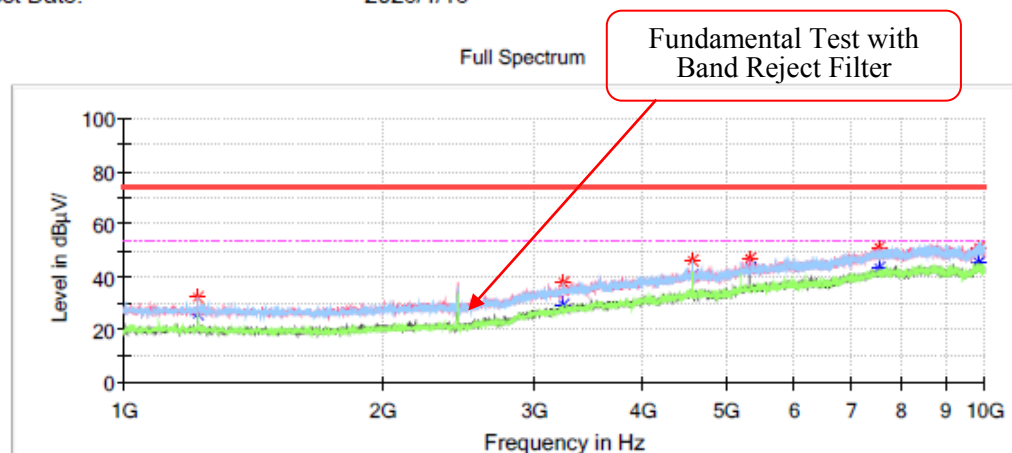


Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
11809.600000	---	44.65	54.00	9.35	H	8.7
11809.600000	54.70	---	74.00	19.30	H	8.7
13052.800000	---	44.51	54.00	9.49	H	9.3
13052.800000	55.25	---	74.00	18.75	H	9.3
14014.400000	---	47.06	54.00	6.94	V	11.1
14014.400000	56.87	---	74.00	17.13	V	11.1
14908.800000	---	46.38	54.00	7.62	V	10.6
14908.800000	56.26	---	74.00	17.74	V	10.6
17033.600000	---	45.37	54.00	8.63	V	10.9
17033.600000	55.63	---	74.00	18.37	V	10.9
17892.800000	---	45.12	54.00	8.88	V	11.5
17892.800000	55.00	---	74.00	19.00	V	11.5

Middle Channel: 2441 MHz**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 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: 17.5℃
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

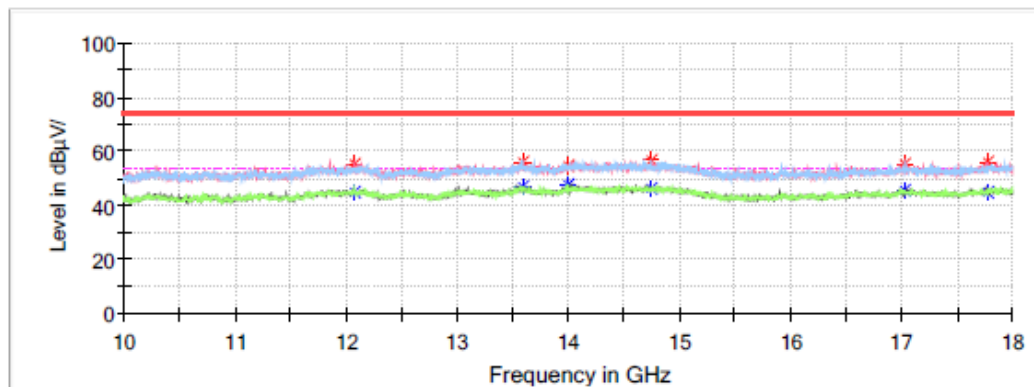
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1219.600000	---	25.80	54.00	28.20	H	-14.4
1219.600000	31.91	---	74.00	42.09	H	-14.4
3243.700000	---	29.22	54.00	24.78	H	-7.2
3243.700000	37.64	---	74.00	36.36	H	-7.2
4577.500000	---	40.24	54.00	13.76	H	-4.0
4577.500000	46.10	---	74.00	27.90	H	-4.0
5341.600000	---	43.02	54.00	10.98	V	-2.1
5341.600000	46.92	---	74.00	27.08	V	-2.1
7527.700000	---	43.41	54.00	10.59	V	3.0
7527.700000	50.79	---	74.00	23.21	V	3.0
9863.200000	---	45.27	54.00	8.73	V	5.9
9863.200000	50.71	---	74.00	23.29	V	5.9

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 17.5℃
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

Full Spectrum

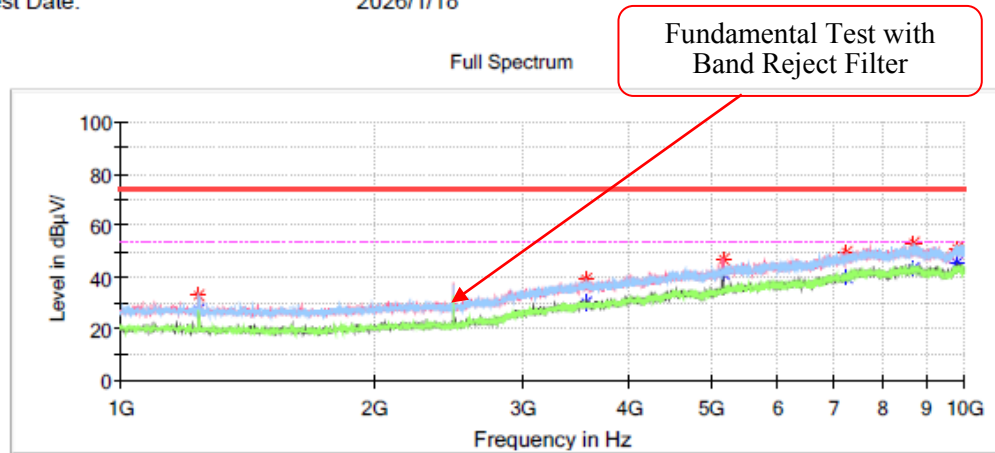


Critical Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12068.800000	---	44.73	54.00	9.27	V	9.0
12068.800000	55.36	---	74.00	18.64	V	9.0
13585.600000	---	46.59	54.00	7.41	V	10.2
13585.600000	56.15	---	74.00	17.85	V	10.2
14004.800000	---	47.44	54.00	6.56	V	11.1
14004.800000	54.20	---	74.00	19.80	V	11.1
14747.200000	---	46.21	54.00	7.79	H	11.1
14747.200000	56.92	---	74.00	17.08	H	11.1
17022.400000	---	45.33	54.00	8.67	H	10.9
17022.400000	55.03	---	74.00	18.97	H	10.9
17784.000000	---	44.53	54.00	9.47	H	11.2
17784.000000	56.05	---	74.00	17.95	H	11.2

High Channel: 2480 MHz**Common Information**

Project No.:	RKSA251230001
EUT Model:	K1141
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:	17.5°C
Humidity:	42%
Atmospheric Pressure:	101.7kPa
Test Engineer:	Destine Hu
Test Date:	2026/1/18

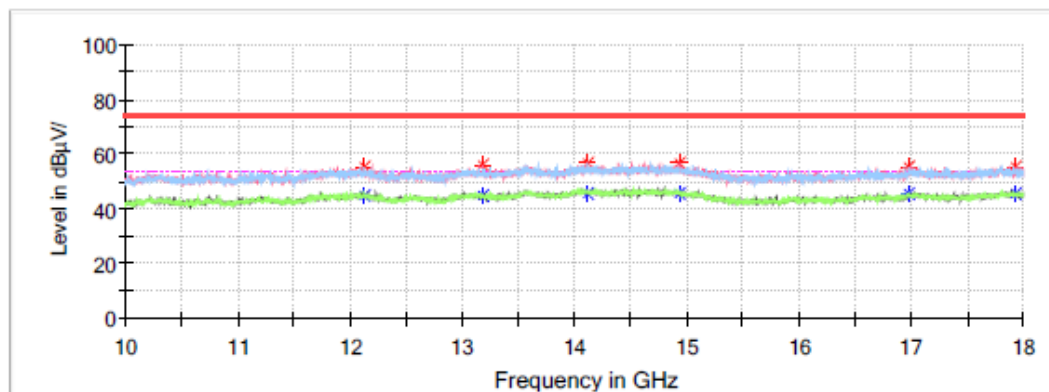
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1239.400000	---	27.34	54.00	26.66	H	-14.4
1239.400000	32.54	---	74.00	41.46	H	-14.4
3557.800000	---	29.99	54.00	24.01	H	-6.1
3557.800000	39.30	---	74.00	34.70	H	-6.1
5170.600000	---	41.22	54.00	12.78	V	-2.5
5170.600000	47.11	---	74.00	26.89	V	-2.5
7264.900000	---	40.04	54.00	13.96	H	2.3
7264.900000	49.94	---	74.00	24.06	H	2.3
8696.800000	---	43.34	54.00	10.66	H	4.7
8696.800000	52.99	---	74.00	21.01	H	4.7
9820.000000	---	45.21	54.00	8.79	V	5.8
9820.000000	50.85	---	74.00	23.15	V	5.8

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 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: 17.5°C
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

Full Spectrum

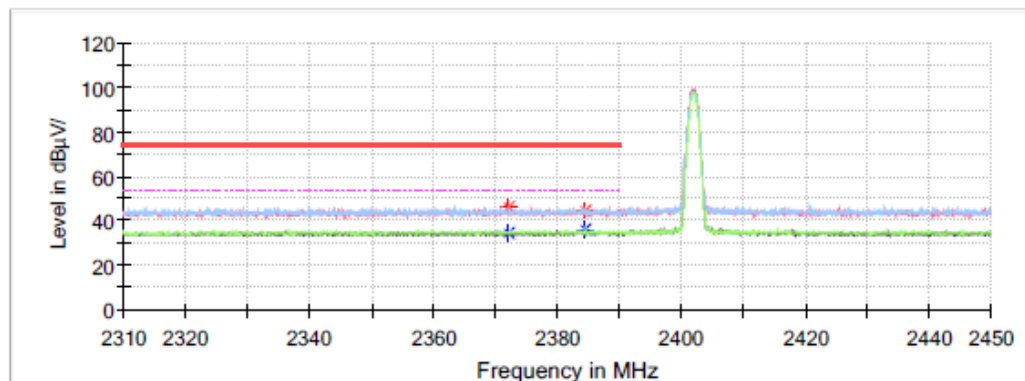


Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12124.800000	---	44.96	54.00	9.04	H	9.0
12124.800000	55.46	---	74.00	18.54	H	9.0
13182.400000	---	44.76	54.00	9.24	V	9.5
13182.400000	55.73	---	74.00	18.27	V	9.5
14115.200000	---	45.53	54.00	8.47	H	11.3
14115.200000	56.81	---	74.00	17.19	H	11.3
14939.200000	---	45.41	54.00	8.59	V	10.5
14939.200000	56.50	---	74.00	17.50	V	10.5
16985.600000	---	45.46	54.00	8.54	H	10.9
16985.600000	55.55	---	74.00	18.45	H	10.9
17928.000000	---	45.25	54.00	8.75	V	11.6
17928.000000	55.30	---	74.00	18.70	V	11.6

Band Edge:**GFSK:****Left Side****Common Information**

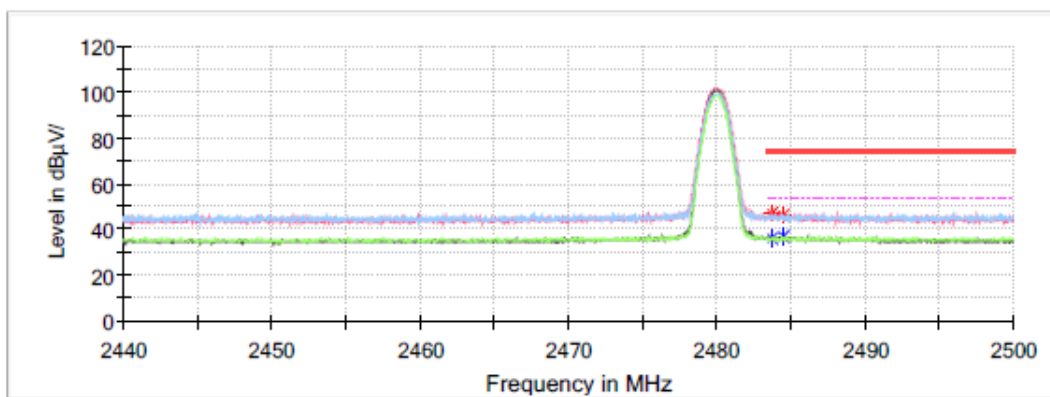
Project No.: RKSA251230001
EUT Model: K1141
Test Mode: Transmitting in BT_1DH5 mode Low channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.5°C
Humidity: 42%
Atmospheric Pressure: 101.7kPa
Test Engineer: Destine Hu
Test Date: 2026/1/18

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)
2372.160000	45.84	---	74.00	28.16	H	0.4
2372.160000	---	34.27	54.00	19.73	H	0.4
2384.648000	44.26	---	74.00	29.74	H	0.4
2384.648000	---	35.73	54.00	18.27	H	0.4

Right Side**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 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: 17.5℃
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

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)
2483.752000	47.26	---	74.00	26.74	H	0.5
2483.752000	---	36.19	54.00	17.81	H	0.5
2484.472000	45.89	---	74.00	28.11	H	0.5
2484.472000	---	37.02	54.00	16.98	H	0.5

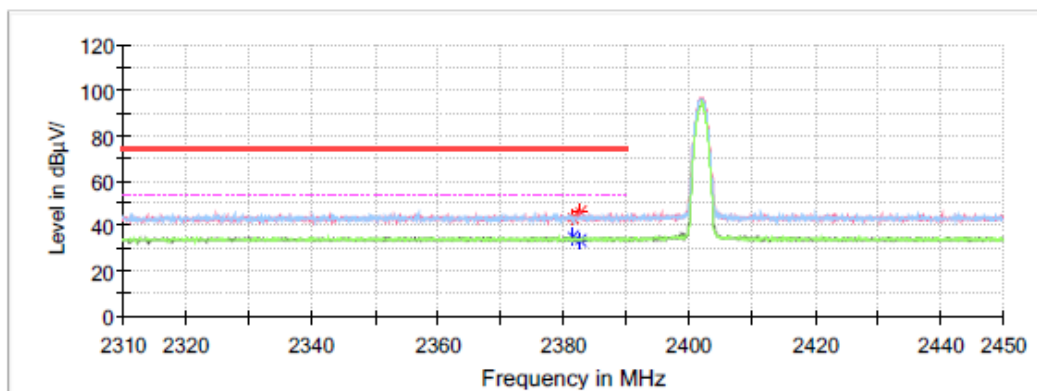
$\pi/4$ -DQPSK:

Left Side

Common Information

Project No.: RKSA251230001
EUT Model: K1141
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: 17.5℃
Humidity: 42%
Atmospheric Pressure: 101.7kPa
Test Engineer: Destine Hu
Test Date: 2026/1/18

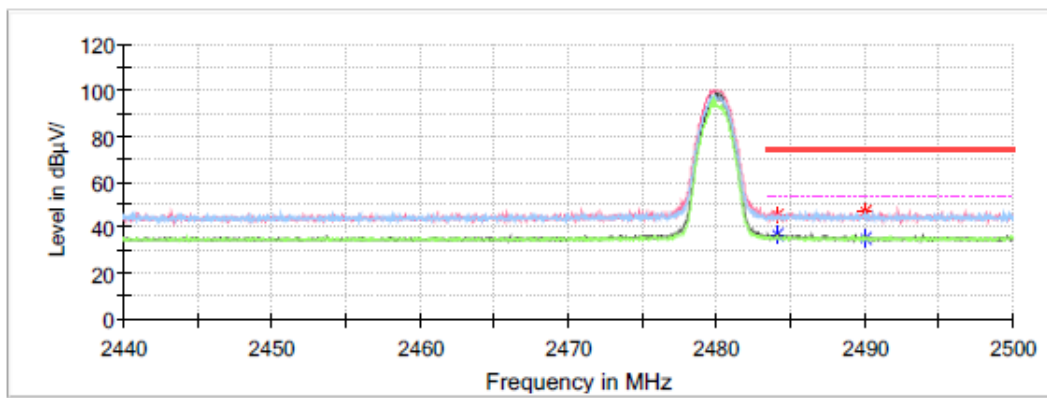
Full Spectrum

**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)
2381.456000	---	35.19	54.00	18.81	H	0.4
2381.456000	43.65	---	74.00	30.35	H	0.4
2382.800000	---	33.94	54.00	20.06	H	0.4
2382.800000	45.81	---	74.00	28.19	H	0.4

Right Side**Common Information**

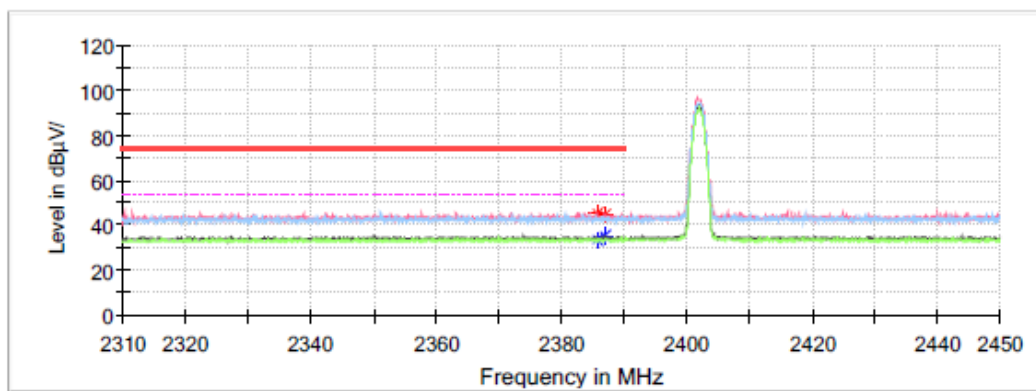
Project No.: RKSA251230001
EUT Model: K1141
Test Mode: Transmitting in BT_2DH5 mode High channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.5℃
Humidity: 42%
Atmospheric Pressure: 101.7kPa
Test Engineer: Destine Hu
Test Date: 2026/1/18

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)
2484.112000	---	36.81	54.00	17.19	H	0.5
2484.112000	45.13	---	74.00	28.87	H	0.5
2490.016000	---	35.32	54.00	18.68	H	0.5
2490.016000	47.26	---	74.00	26.74	H	0.5

8DPSK:**Left Side****Common Information**

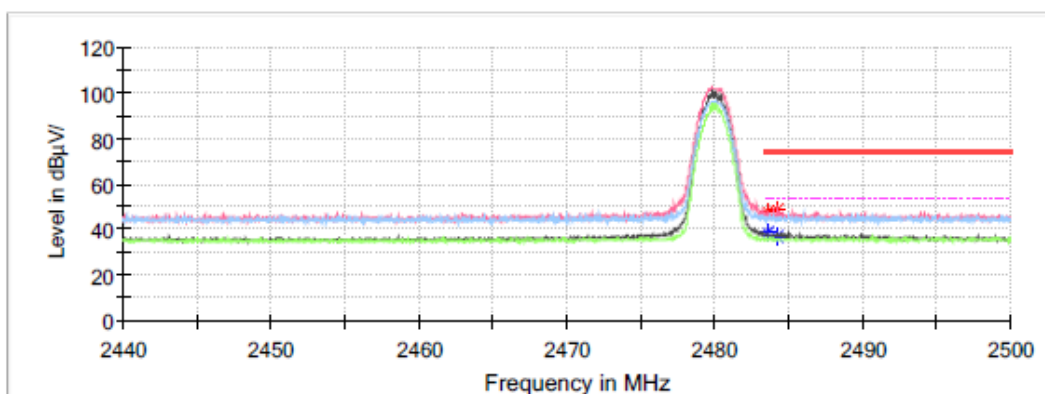
Project No.: RKSA251230001
EUT Model: K1141
Test Mode: Transmitting in BT_3DH5 mode Low channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.5°C
Humidity: 42%
Atmospheric Pressure: 101.7kPa
Test Engineer: Destine Hu
Test Date: 2026/1/18

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)
2385.712000	45.40	---	74.00	28.60	V	0.4
2385.712000	---	33.77	54.00	20.23	V	0.4
2387.056000	44.12	---	74.00	29.88	V	0.4
2387.056000	---	35.24	54.00	18.76	V	0.4

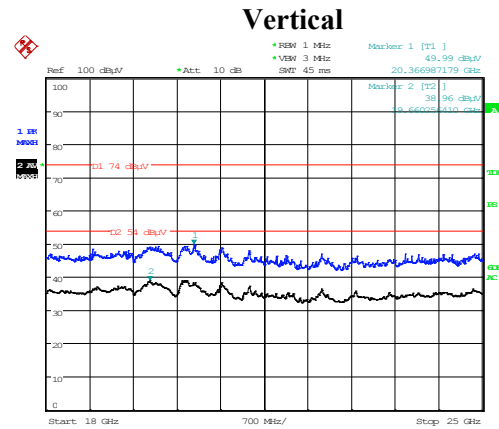
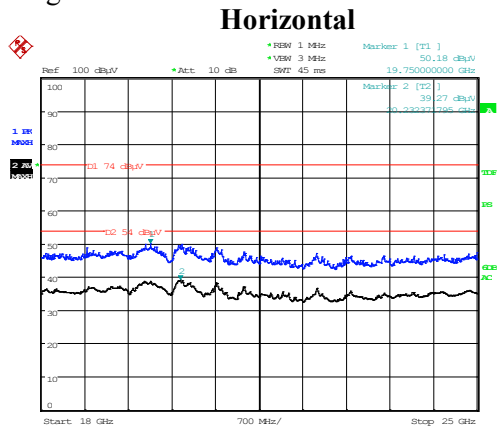
Right Side**Common Information**

Project No.: RKSA251230001
EUT Model: K1141
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: 17.5℃
Humidity: 42%
Atmospheric Pressure: 101.7kPa
Test Engineer: Destine Hu
Test Date: 2026/1/18

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)
2483.560000	---	38.77	54.00	15.23	V	0.5
2483.560000	47.47	---	74.00	26.53	V	0.5
2484.280000	---	37.02	54.00	16.98	V	0.5
2484.280000	48.53	---	74.00	25.47	V	0.5

**18 GHz - 25 GHz (Transmitting in GFSK Mode high channel (maximum output power mode):
Configuration 1**



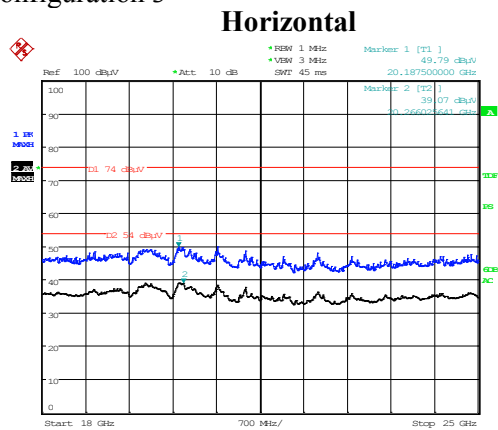
Project No.: RKSA251230001 Tester: Hugh Wu
Date: 7.FEB.2026 11:04:23

Project No.: RKSA251230001 Tester: Hugh Wu
Date: 7.FEB.2026 11:36:22

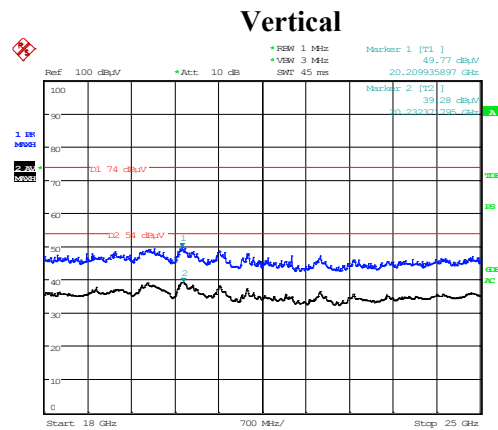
Frequency (GHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
19.66	---	38.96	54	15.04	V	11.3
20.37	49.99	---	74	24.01	V	12.61
20.23	---	39.27	54	14.73	H	12.49
19.75	50.18	---	74	23.82	H	11.56

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

Configuration 3



Project No :RKSA251230001 Tester :Rugh Wu
Date: 7.FEB.2026 14:16:05



Project No :RKSA251230001 Tester :Rugh Wu
Date: 7.FEB.2026 14:47:13

Frequency (GHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
20.23	---	39.28	54	14.72	V	12.49
20.21	49.77	---	74	24.23	V	12.47
20.27	---	39.07	54	14.93	H	12.52
20.19	49.79	---	74	24.21	H	12.45

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

CHANNEL SEPARATION TEST**Environmental Conditions & Test Information**

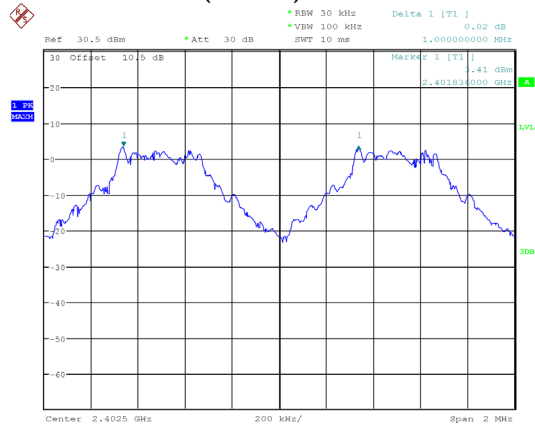
Test Date:	2026-01-27
Temperature:	22°C
Relative Humidity:	50 %
ATM Pressure:	102.5 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

EUT operation mode: Transmitting

Mode	Channel	Result (MHz)	Limit (MHz)	Result
GFSK	Low	1.000	0.818	Pass
	Middle	1.004	0.818	Pass
	High	0.998	0.818	Pass

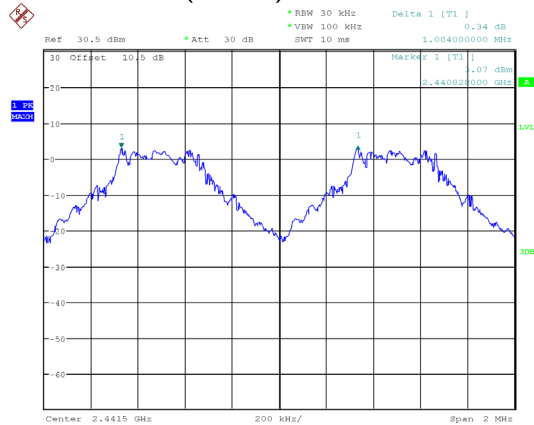
Note: Only GFSK mode result is reported since EDR($\pi/4$ -DQPSK, 8DPSK) has the exact same channel plan.
Limit = 20 dB bandwidth*2/3

BDR (GFSK): Low Channel



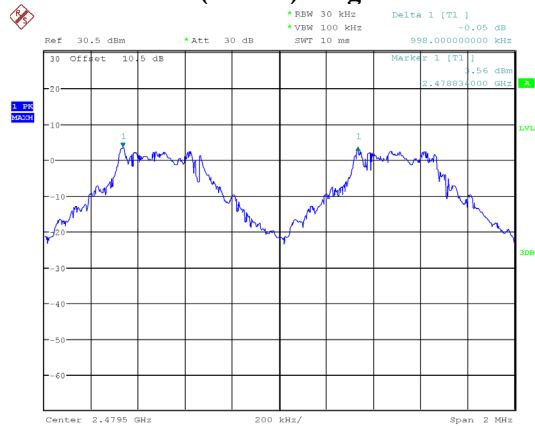
ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 27.JAN.2026 19:51:49

BDR (GFSK): Middle Channel



ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 27.JAN.2026 19:59:45

BDR (GFSK): High Channel



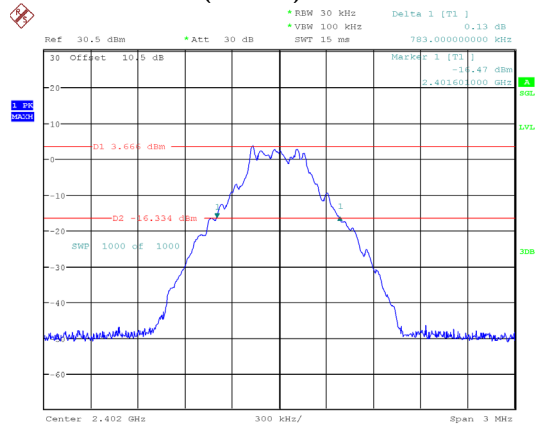
ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 27.JAN.2026 20:05:15

20 dB BANDWIDTH TEST**Environmental Conditions & Test Information**

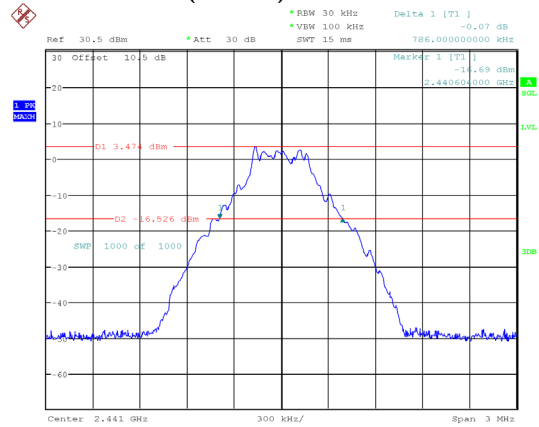
Test Date:	2026-01-27
Temperature:	22°C
Relative Humidity:	50 %
ATM Pressure:	102.5 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

EUT operation mode: Transmitting

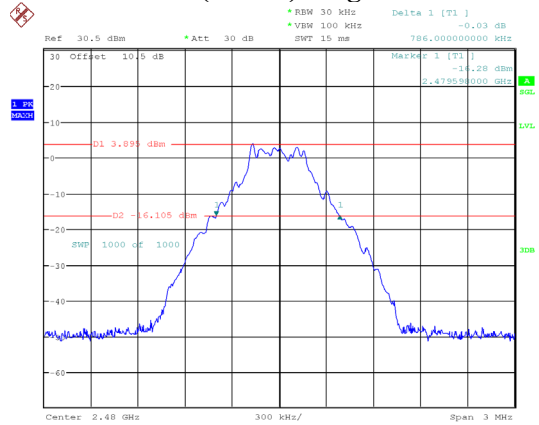
Mode	Channel	Frequency (MHz)	20 dB Emission Bandwidth (MHz)
BDR (GFSK)	Low	2402	0.783
	Middle	2441	0.786
	High	2480	0.786
EDR ($\pi/4$-DQPSK)	Low	2402	1.215
	Middle	2441	1.215
	High	2480	1.215
EDR (8DPSK)	Low	2402	1.227
	Middle	2441	1.227
	High	2480	1.227

BDR (GFSK): Low Channel

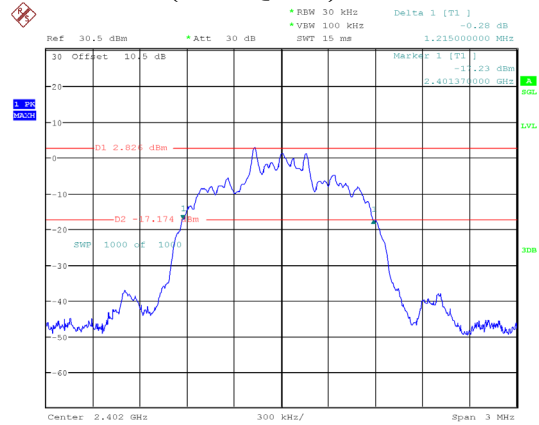
ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 27.JAN.2026 16:24:52

BDR (GFSK): Middle Channel

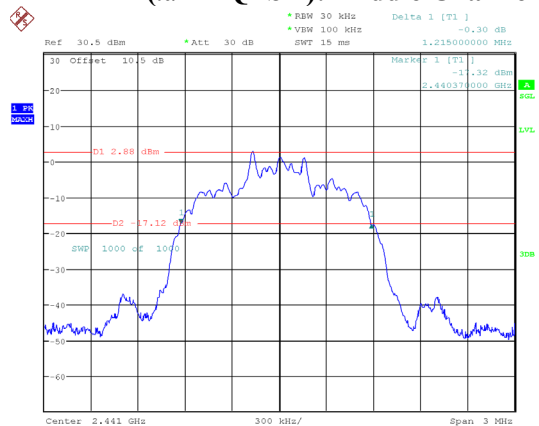
ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 27.JAN.2026 19:41:36

BDR (GFSK): High Channel

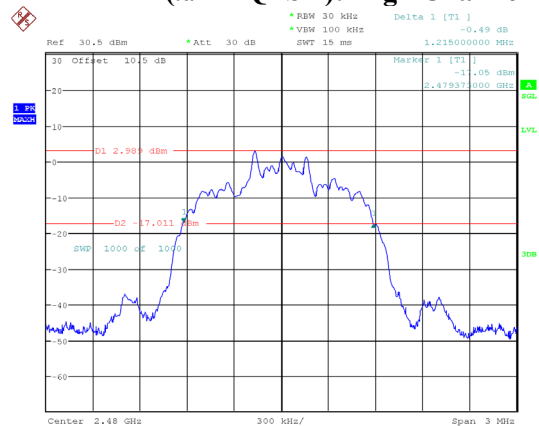
ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 27.JAN.2026 16:48:40

EDR ($\pi/4$ -DQPSK): Low Channel

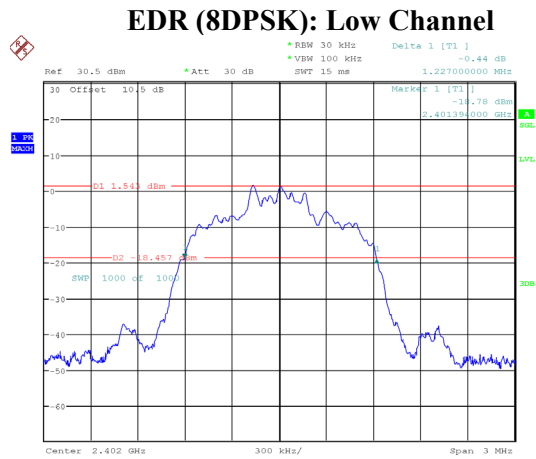
ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 27.JAN.2026 17:02:50

EDR($\pi/4$ -DQPSK): Middle Channel

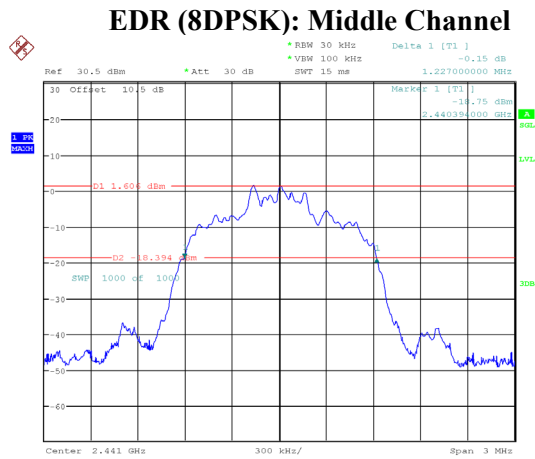
ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 27.JAN.2026 17:14:36

EDR ($\pi/4$ -DQPSK): High Channel

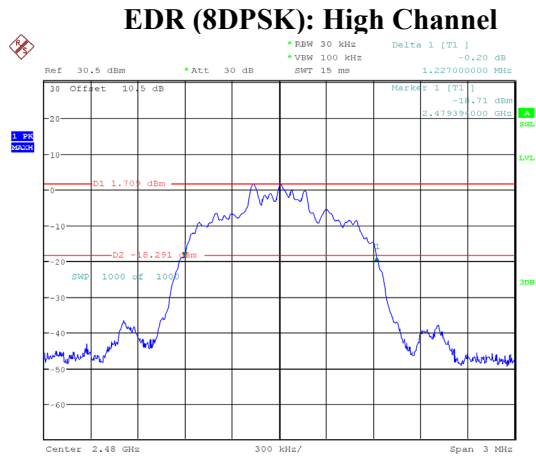
ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 27.JAN.2026 17:22:43



ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 27.JAN.2026 17:136:19



ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 27.JAN.2026 17:155:30



ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 27.JAN.2026 18:04:28

QUANTITY OF HOPPING CHANNEL TEST**Environmental Conditions & Test Information**

Test Date:	2026-01-27
Temperature:	22°C
Relative Humidity:	50 %
ATM Pressure:	102.5 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

EUT operation mode: Hopping

Mode	Frequency Range (MHz)	Number of Hopping Channel (CH)	Limit (CH)
BDR (GFSK)	2400-2483.5	79	≥15
EDR ($\pi/4$ -DQPSK)	2400-2483.5	79	≥15
EDR (8DPSK)	2400-2483.5	79	≥15