



FCC PART 15.247 TEST REPORT

For

KITCHENERY INC.

3814 WEST EUCLID AVE16, TAMPA, Florida, 33629, United States

FCC ID: 2BOGN-KPP-01SS

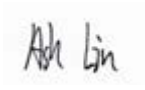
Report Type: Original Report	Product Name: induction kettle
Report Number:	2507R30441E-RF-02
Report Date:	2025-04-30
Reviewed By:	Ash Lin 
Approved By:	Miles Chen
Prepared By:	Bay Area Compliance Laboratories Corp. (Xiamen) Unit 102, No. 902 Meifeng South Road, Binhai West Avenue, Science and Technology Innovation Park, Torch High tech Zone XiaMen Tel: +86-592-3200111 www.baclcorp.com.cn

TABLE OF CONTENTS

REPORT REVISION HISTORY	4
GENERAL INFORMATION	5
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	5
OBJECTIVE	5
TEST METHODOLOGY	5
TEST FACILITY	6
MEASUREMENT UNCERTAINTY	6
SYSTEM TEST CONFIGURATION	7
TEST MODE AND VOLTAGE	7
DESCRIPTION OF TEST CONFIGURATION	7
★EUT EXERCISE SOFTWARE	7
SPECIAL ACCESSORIES	7
EQUIPMENT MODIFICATIONS	7
SUPPORT EQUIPMENT LIST AND DETAILS	8
EXTERNAL I/O CABLE	8
BLOCK DIAGRAM OF TEST SETUP	8
SUMMARY OF TEST RESULTS	11
TEST EQUIPMENT LIST	12
FCC §15.203 – ANTENNA REQUIREMENT	13
APPLICABLE STANDARD	13
ANTENNA CONNECTOR CONSTRUCTION	13
FCC §15.207 (a) – AC LINE CONDUCTED EMISSIONS	14
APPLICABLE STANDARD	14
TEST SYSTEM SETUP	14
EMI TEST RECEIVER SETUP	14
TEST PROCEDURE	14
RESULT & MARGIN CALCULATION	15
TEST DATA	15
FCC §15.205, §15.209 & §15.247(d) – RADIATED EMISSIONS	18
APPLICABLE STANDARD	18
TEST SYSTEM SETUP	18
EMI TEST RECEIVER & SPECTRUM ANALYZER SETUP	19
FINAL MEASUREMENT FOR EMISSION IDENTIFIED DURING THE PRE-SCAN:	20
TEST PROCEDURE	20
RESULT & MARGIN CALCULATION	20
TEST DATA	21
FCC §15.247(a) (1) – CHANNEL SEPARATION TEST	75
APPLICABLE STANDARD	75
EUT SETUP	75
TEST PROCEDURE	75
TEST DATA	76
FCC §15.247(a) (1) – 20 dB EMISSION BANDWIDTH	78
APPLICABLE STANDARD	78
EUT SETUP	78
TEST PROCEDURE	78
TEST DATA	79

FCC §15.247(a) (1) (iii)-QUANTITY OF HOPPING CHANNEL TEST	84
APPLICABLE STANDARD	84
EUT SETUP	84
TEST PROCEDURE	84
TEST DATA	85
FCC §15.247(a) (1) (iii) - TIME OF OCCUPANCY (DWELL TIME).....	87
APPLICABLE STANDARD	87
EUT SETUP	87
TEST PROCEDURE	87
TEST DATA	88
FCC §15.247(b) (1) - PEAK OUTPUT POWER MEASUREMENT	93
APPLICABLE STANDARD	93
EUT SETUP	93
TEST PROCEDURE	93
TEST DATA	94
FCC §15.247(d) - BAND EDGES TESTING	99
APPLICABLE STANDARD	99
EUT SETUP	99
TEST PROCEDURE	99
TEST DATA	100
EUT PHOTOGRAPHS	107
TEST SETUP PHOTOGRAPHS	108

REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	2507R30441E-RF-02	R1V1	2025-04-30	Initial Release

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

Product Name:	induction kettle
Tested Model:	KPP-01SS
Multiple Model(s):	KPP-01AC
Power Supply:	DC 5V
Maximum Peak Output Power:	3.27dBm
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:	PCB Antenna
★Maximum Antenna Gain:	3.28 dBi
EUT Received Status:	Good
<i>Note:</i> 1. The Maximum Antenna Gain was declared by manufacturer. 2. The difference between tested model and series model is model name and colour, please refer to declaration letter for more detail. 3. All measurement and test data in this report was gathered from production sample serial number: 2ZVQ-1 (Assigned by the BACL(Xiamen)). The EUT supplied by the applicant was received on 2025-03-17)	

Objective

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

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

Test Methodology

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

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Xiamen) to collect test data is located on the Unit 102, No. 902 Meifeng South Road, Binhai West Avenue, Science and Technology Innovation Park, Torch High tech Zone Xiamen.

Bay Area Compliance Laboratories Corp. (Xiamen) Lab is accredited to ISO/IEC 17025 by A2LA (Certificate Number: 7134.01) and the lab has been recognized as the FCC accredited lab under the KDB 974614 D01, the FCC Designation No. : CN1384.

Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the product as specified in CISPR 16-4-2. This uncertainty represents expanded uncertainty expressed at 95% confidence level using a coverage factor of k=2.

$$u_c(y) = \sqrt{\sum_i c_i^2 u^2(x_i)}$$

Item	Frequency Range	$U_{lab} = 2 u_c(y)$ (Confidence of 95%)
Conducted Emissions	150kHz-30MHz	2.45 dB
Radiated Spurious Emission	9kHz-150kHz	2.82 dB
	150kHz-30MHz	2.74 dB
	30MHz~200MHz	3.47 dB
	200MHz~1GHz	4.86 dB
	1GHz~6GHz	4.88 dB
	6GHz~18GHz	4.95 dB
	18GHz~26.5GHz	4.45 dB
Transmitter Conducted Power		±1.49 dB
Occupy Bandwidth		2%
Voltage (DC)		±0.4%
Temperature		±1°C
Humidity		±5%

SYSTEM TEST CONFIGURATION

Test Mode and Voltage

The system was configured for testing in a typical mode (as normally used by a typical user).	
Test mode:	Test Mode: Transmitting
Test voltage:	AC 120V/60Hz
Remark:	During all emission tests, the EUT was configured to measure its highest possible emission level and the worst case's test data was presented in this test report.

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

BT test in the engineer mode.

RF Test Tool: EspRFTTestTool_v3.6_Manual.exe

Test Modes	Power Level Setting		
	Lowest Channel	Middle Channel	Highest Channel
GFSK	4	4	4
$\pi/4$ -DQPSK	4	4	4
8DPSK	4	4	4

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

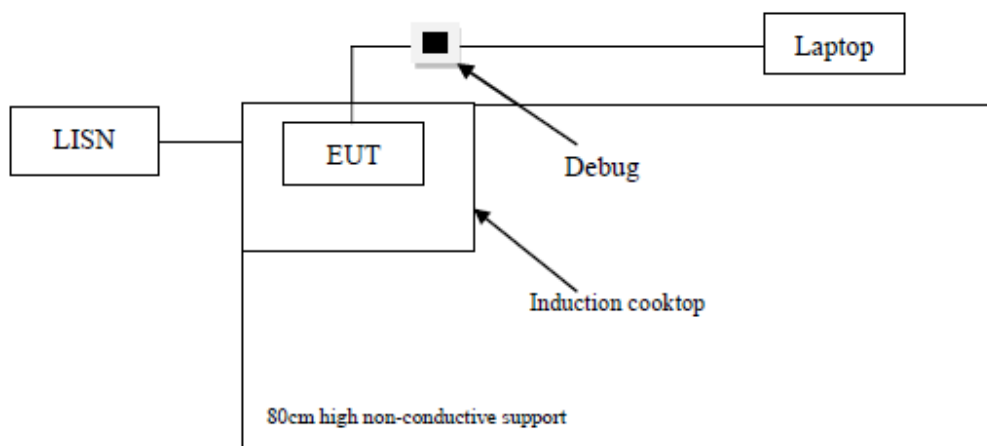
Manufacturer	Description	Model	Serial Number
Unknown	Debug	Unknown	Unknown
Lenovo	Laptop	T480	PF1P5K4F
Unknown	Induction cooktop	K1001	Unknown

External I/O Cable

Cable Description	Length (m)	From Port	To
Cable	0.1	Debug	EUT
USB Cable	10	Laptop	Debug

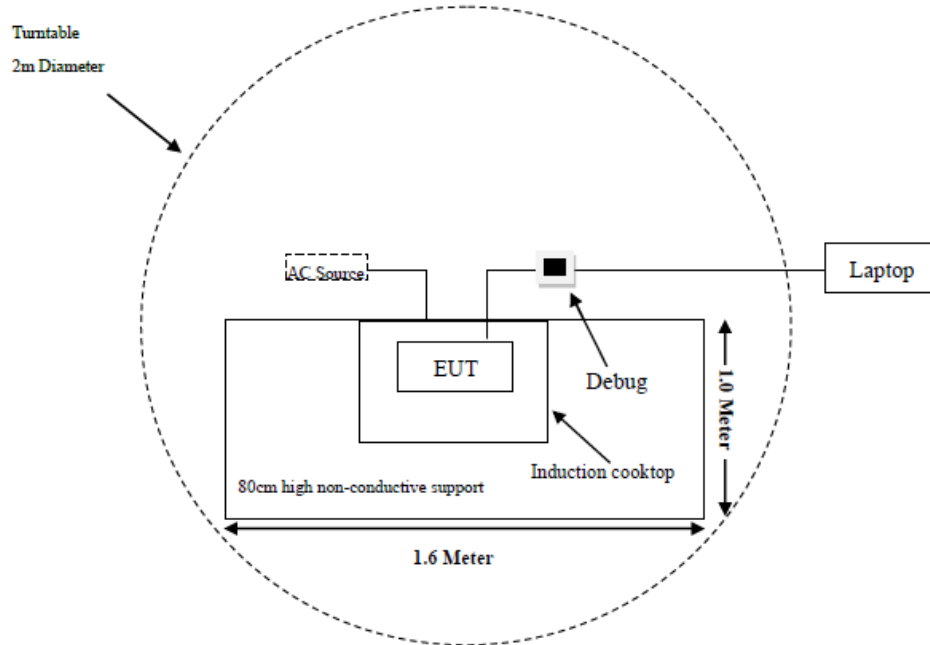
Block Diagram of Test Setup

Conducted Emission:

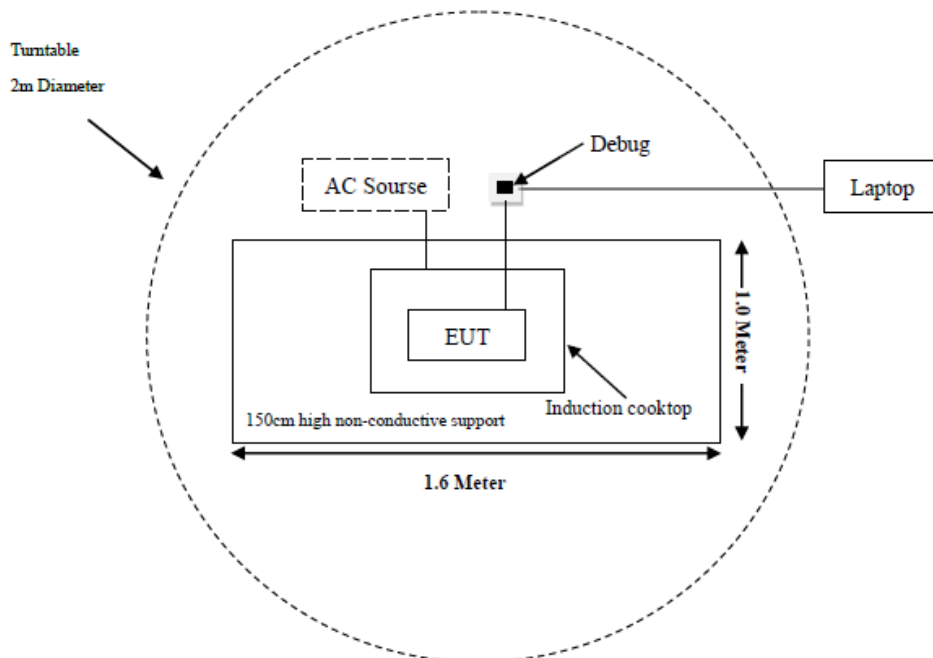


Radiated Emission:

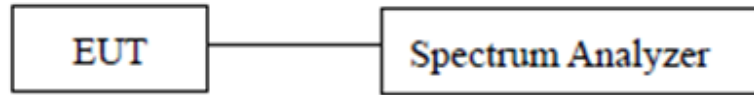
Below 1GHz



Above 1GHz



RF Conduction:



Note: The cable assembly insertion loss of 0.5dB was entered as an offset in the spectrum analyzer. (Actual cable loss was unavailable at the time of testing, therefore loss of 0.5dB was assumed as worst case.) This was later verified to be true by laboratory.

SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§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	Compliant

TEST EQUIPMENT LIST

Test Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emissions					
EMI Test Receiver	Rohde & Schwarz	ESR	103105	2025/02/20	2026/02/19
LISN	Rohde & Schwarz	ENV216	100129	2025/02/20	2026/02/19
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	0357.8810.54	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC001	2025/02/20	2026/02/19
Test Software	Audix	E3	18621a	N/A	N/A
Radiated Emissions Below 1GHz					
EMI Test Receiver	Rohde & Schwarz	ESR	103103	2025/02/20	2026/02/19
Loop Antenna	Rohde & Schwarz	HFH2-Z2	830749/001	2023/07/27	2026/07/26
Antenna	Sunol Sciences	JB6	A122022-5	2023/07/27	2026/07/26
Amplifier	Sonoma	310B	120903	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC002	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH460B-N-2M	CC006	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH460B-N-12M	CC007	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	HFH2-CC	335.3609	2025/02/20	2026/02/19
Test Software	Audix	E3	18621a	N/A	N/A
Radiated Emissions Above 1 GHz					
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102051	2025/02/20	2026/02/19
Filter Switch Unit	Decentest	DT7220FSU	DS79904	2025/02/21	2026/02/20
Multiplex Switch Test Control Set	Decentest	DT7220SCU	DS79901	2025/02/21	2026/02/20
Horn Aantenna	EMCO	3115	9002-3355	2024/11/19	2027/11/18
Preamplifier	GLOBAL	1313-A100M18G	4121301	2025/01/16	2026/01/15
Coaxial Cable	XINHANGWEIBO	XH800A-N-6M	CC003	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH800A-N-1M	CC005	2025/02/20	2026/02/19
Horn Antenna	EMCO	3116	9407-2232	2023/07/31	2026/07/30
Preamplifier	A.H.Systems	PAM-1840	200	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH360A-2.92-3M	CC008	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH360A-2.92-1M	CC009	2025/02/20	2026/02/19
Test Software	Audix	E3	18621a	N/A	N/A
RF Conducted Test					
Spectrum Analyzer	Rohde & Schwarz	FSU	100405	2025/02/20	2026/02/19
Coaxial Cable	Lianxun	RF113	N/A	Each time	Each time

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

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. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

- a. Antenna must be permanently attached to the unit.
- b. Antenna must use a unique type of connector to attach to the EUT.
- c. Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

And according to FCC 47 CFR section 15.247 (b), if the transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Antenna Connector Construction

The EUT has one PCB antenna for Bluetooth, which was permanently attached and the Max. antenna gain is 3.28dBi, fulfill the requirement of this section. Please refer to the EUT photos.

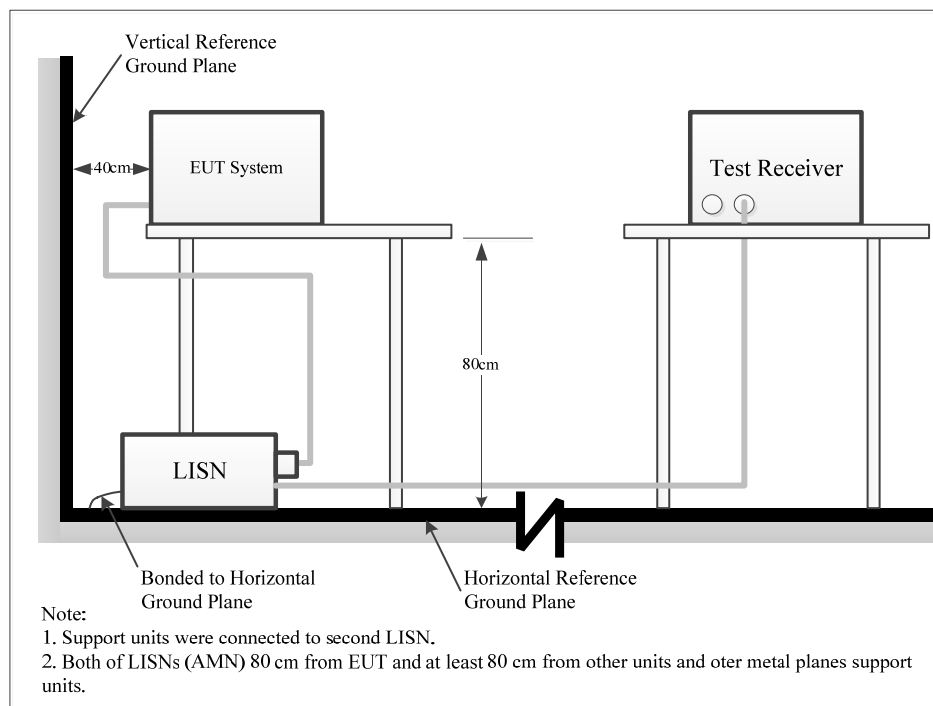
Result: Compliance

FCC §15.207 (a) – AC LINE CONDUCTED EMISSIONS

Applicable Standard

FCC §15.207(a)

Test System Setup



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

EMI Test Receiver Setup

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

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

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

Test Procedure

ANSI C63.10-2013 clause 6.2

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

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

If the maximum peak value of the emissions is below the average limit, the QP value and average value measurement will not need to be performed and only record the maximum peak measured value to meet the requirements.

Result & Margin Calculation

The Result 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:

$$\text{Factor (dB)} = \text{LISN VDF (dB)} + \text{Cable Loss (dB)} + \text{Transient Limiter Attenuation (dB)}$$

$$\text{Result (dB}\mu\text{V)} = \text{Reading (dB}\mu\text{V)} + \text{Factor (dB)}$$

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

$$\text{Margin (dB)} = \text{Limit (dB}\mu\text{V)} - \text{Result (dB}\mu\text{V)}$$

Test Data

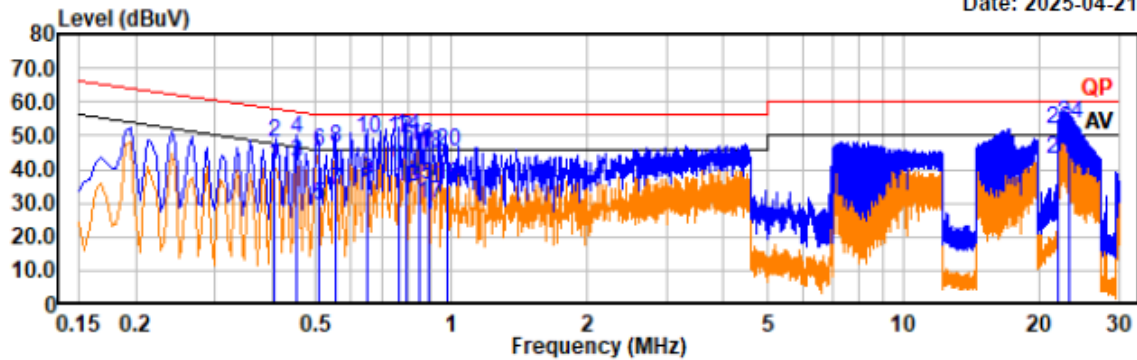
Temperature:	22.8°C
Relative Humidity:	56%
ATM Pressure:	99.8kPa
Test Date:	2025-04-21
Test Engineer:	H Wang

Note: The maximum output power mode: EDR(8DPSK) Low channel was tested.

Project No.: 2507R30441E-RF
 Test Mode: EDR 3DH1 2402MHz
 EUT Model: KPP-0155

Temp/Humi/ATM: 22.8°C/56%/99.8kPa
 Tested by: H Wang
 Power Source: AC 120V/60Hz

Date: 2025-04-21



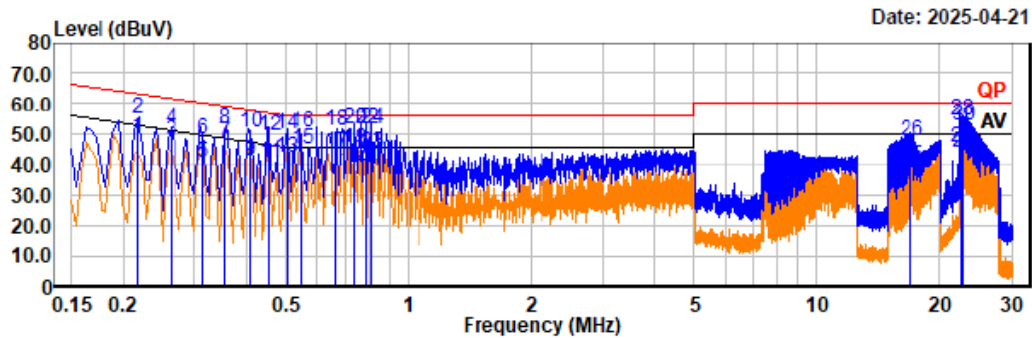
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.41	20.05	21.24	41.29	47.70	6.41	Line	Average
0.41	27.03	21.24	48.27	57.70	9.43	Line	QP
0.45	20.66	21.00	41.66	46.79	5.13	Line	Average
0.45	28.29	21.00	49.29	56.79	7.50	Line	QP
0.51	8.62	20.82	29.44	46.00	16.56	Line	Average
0.51	24.19	20.82	45.01	56.00	10.99	Line	QP
0.55	12.76	20.98	33.74	46.00	12.26	Line	Average
0.55	25.19	20.98	46.17	56.00	9.83	Line	QP
0.65	14.99	21.28	36.27	46.00	9.73	Line	Average
0.65	27.70	21.28	48.98	56.00	7.02	Line	QP
0.77	19.48	21.40	40.88	46.00	5.12	Line	Average
0.77	27.62	21.40	49.02	56.00	6.98	Line	QP
0.80	13.10	21.40	34.50	46.00	11.50	Line	Average
0.80	28.02	21.40	49.42	56.00	6.58	Line	QP
0.85	13.66	21.40	35.06	46.00	10.94	Line	Average
0.85	25.70	21.40	47.10	56.00	8.90	Line	QP
0.89	8.19	21.40	29.59	46.00	16.41	Line	Average
0.89	23.36	21.40	44.76	56.00	11.24	Line	QP
0.98	13.77	21.40	35.17	46.00	10.83	Line	Average
0.98	23.95	21.40	45.35	56.00	10.65	Line	QP
22.03	21.35	21.80	43.15	50.00	6.85	Line	Average
22.03	30.29	21.80	52.09	60.00	7.91	Line	QP
23.18	24.05	21.70	45.75	50.00	4.25	Line	Average
23.18	31.82	21.70	53.52	60.00	6.48	Line	QP

Project No.: 2507R30441E-RF
 Test Mode: EDR 3DH1 2402MHz
 EUT Model: KPP-01SS

Temp/Humi/ATM: 22.8°C/56%/99.8kPa
 Tested by: H Wang
 Power Source: AC 120V/60Hz



Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBUV	Factor dB	Result dBUV	Limit dBUV	Margin dB	Phase	Remark
0.22	26.63	22.44	49.07	52.96	3.89	Neutral	Average
0.22	32.91	22.44	55.35	62.96	7.61	Neutral	QP
0.26	26.18	22.08	48.26	51.39	3.13	Neutral	Average
0.26	29.90	22.08	51.98	61.39	9.41	Neutral	QP
0.31	19.14	21.72	40.86	49.85	8.99	Neutral	Average
0.31	26.95	21.72	48.67	59.85	11.18	Neutral	QP
0.35	25.84	21.48	47.32	48.88	1.56	Neutral	Average
0.35	30.57	21.48	52.05	58.88	6.83	Neutral	QP
0.41	20.37	21.20	41.57	47.69	6.12	Neutral	Average
0.41	29.57	21.20	50.77	57.69	6.92	Neutral	QP
0.46	20.02	20.98	41.00	46.78	5.78	Neutral	Average
0.46	28.54	20.98	49.52	56.78	7.26	Neutral	QP
0.50	21.49	20.80	42.29	46.00	3.71	Neutral	Average
0.50	29.39	20.80	50.19	56.00	5.81	Neutral	QP
0.55	24.28	20.91	45.19	46.00	0.81	Neutral	Average
0.55	30.01	20.91	50.92	56.00	5.08	Neutral	QP
0.66	23.07	21.13	44.20	46.00	1.80	Neutral	Average
0.66	30.14	21.13	51.27	56.00	4.73	Neutral	QP
0.74	23.73	21.24	44.97	46.00	1.03	Neutral	Average
0.74	30.68	21.24	51.92	56.00	4.08	Neutral	QP
0.79	18.19	21.30	39.49	46.00	6.51	Neutral	Average
0.79	30.56	21.30	51.86	56.00	4.14	Neutral	QP
0.81	22.60	21.32	43.92	46.00	2.08	Neutral	Average
0.81	30.44	21.32	51.76	56.00	4.24	Neutral	QP
16.95	17.95	21.92	39.87	50.00	10.13	Neutral	Average
16.95	26.22	21.92	48.14	60.00	11.86	Neutral	QP
22.60	24.32	21.65	45.97	50.00	4.03	Neutral	Average
22.60	32.73	21.65	54.38	60.00	5.62	Neutral	QP
22.90	22.74	21.64	44.38	50.00	5.62	Neutral	Average
22.90	31.23	21.64	52.87	60.00	7.13	Neutral	QP

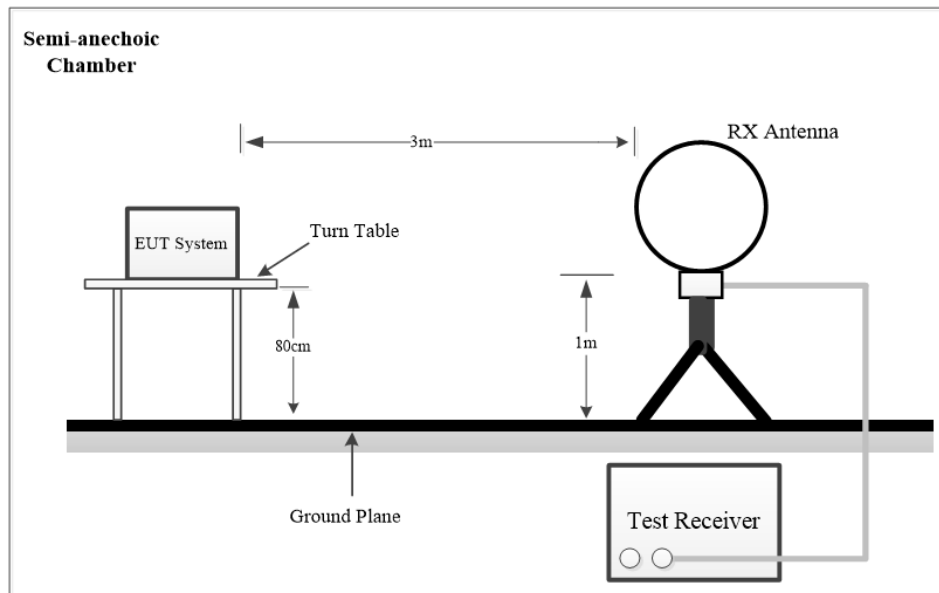
FCC §15.205, §15.209 & §15.247(d) – RADIATED EMISSIONS

Applicable Standard

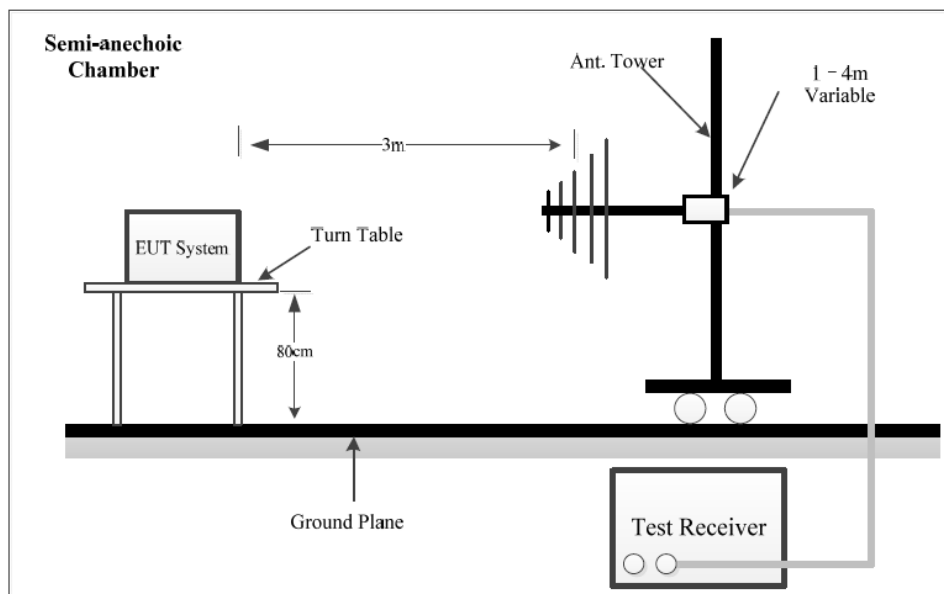
FCC §15.205; §15.209; §15.247(d)

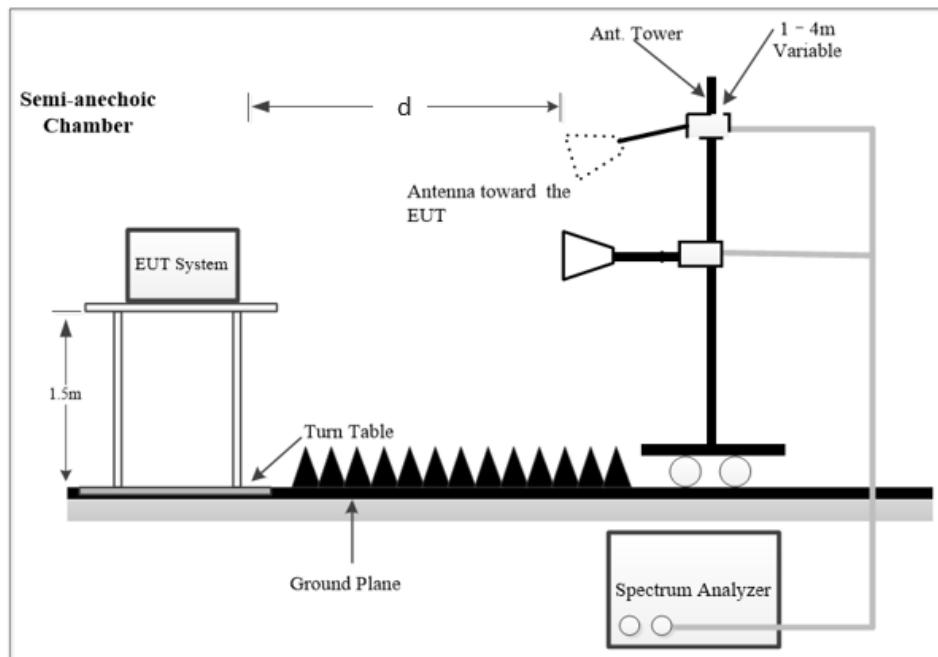
Test System Setup

9 kHz-30MHz



Below 1 GHz:



Above 1GHz:

The radiated emission tests using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209, and FCC 15.247 limits.

NOTE: d is testing distance;

For Radiated Emission test (1GHz-18GHz) and Bandedge Emission test, which was performed at 3 m distance.

For Radiated Emission test (18GHz-25GHz), which was performed at 1.5 m distance, according to ANSI C63.10-2013, the test result shall be extrapolated to the specified distance using an extrapolation Factor of 20dB/decade from 3m to 1.5m.

Distance extrapolation Factor = $20 \log (\text{specific distance [3m]}/\text{test distance [1.5m]}) \text{ dB} = 6 \text{ dB}$

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 25 GHz.

During the radiated emission test, the EMI test receiver & spectrum analyzer setup was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Measurement
9 kHz – 150 kHz	300Hz	1 kHz	200Hz	QP
150 kHz – 30 MHz	10 kHz	30 kHz	9 kHz	QP
30 MHz – 1000 MHz	100 kHz	300 kHz	/	PK
	/	/	120kHz	QP

1GHz~25GHz:

Pre-scan:

Measurement	RBW	Video B/W	Detector
PK	1MHz	3MHz	PK
AV	1MHz	5kHz	PK

Final measurement for emission identified during the pre-scan:

Measurement	RBW	Video B/W	Detector
PK	1MHz	3MHz	PK
AV	1MHz	10Hz	PK

Test Procedure

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

For each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable. The report shall list the six emissions with the smallest margin relative to the limit, for each of the three antenna orientations (parallel, perpendicular, and ground parallel) unless the margin is greater than 20 dB, then the following statement shall be made: “all emissions were greater than 20 dB below the limit.”

Below 1GHz, 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.

Above 1GHz, if the measured peak level of the emissions that the measuring receiver reading level plus corrected factor is below the AV emission limit, there's no need to record the measured AV level of the emissions in the report.

Result & Margin Calculation

The Result 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:

For 9 kHz to 18GHz Radiated emission test

Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - Amplifier Gain (dB)

For 18GHz to 25GHz Radiated emission test and Bandedge emissions test

Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - Amplifier Gain (dB) - Extrapolation factor (dB)

Extrapolation factor = 6dB (distance = 1.5m)

Result (dBμV/m) = Reading (dBμV) + Factor (dB/m)

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) – Result (dBμV/m)

Test Data

Please refer to the below table and plots.

Frequency Range:	Below 1 GHz	Above 1 GHz
Temperature:	20℃~21.3℃	21.3℃
Relative Humidity:	51 %~55 %	51%
ATM Pressure:	100.1kPa	100.1kPa
Test Date:	2025-03-31~2025-04-23	2025-03-31
Test Engineer:	Wlif Wu	Wlif Wu

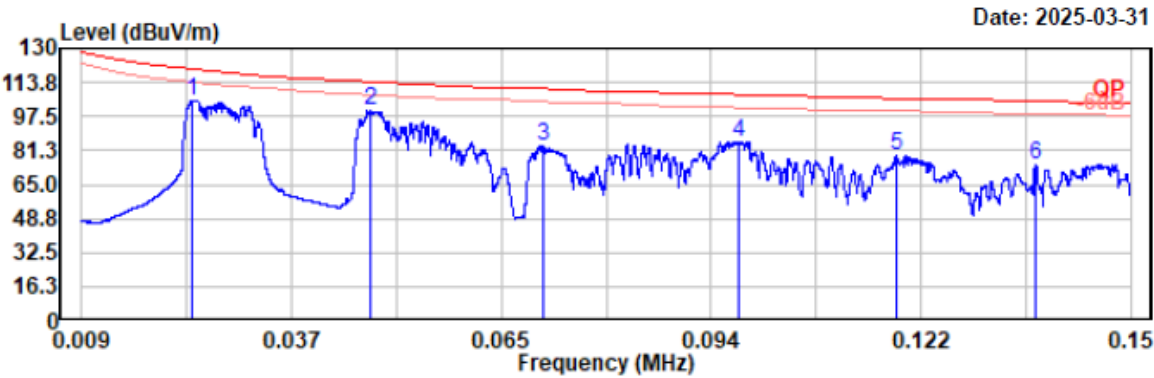
1) 9 kHz ~30MHz

Pre-scan in parallel, ground-parallel and perpendicular of orientation of loop antenna, parallel is worst case.

Note: The maximum output power mode: EDR(8DPSK) Low channel was tested.

Project No.: 2507R30441E-RF
 Test Mode: EDR 3DH1 2402MHz
 EUT Model: KPP-01SS
 Test distance: 3m

Temp/Humi/ATM: 21.3℃/51%/100.1kPa
 Tested by: Wlif Wu
 Power Source: AC 120V/60Hz



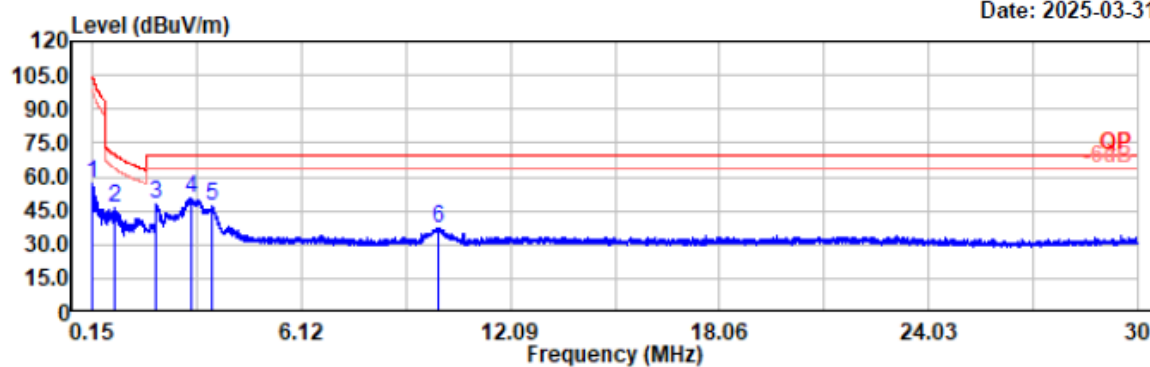
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.024	85.45	19.85	105.30	120.03	14.73	Peak
0.048	80.26	19.91	100.17	114.01	13.84	Peak
0.071	63.93	19.80	83.73	110.58	26.85	Peak
0.097	65.52	19.75	85.27	107.84	22.57	Peak
0.118	59.42	19.73	79.15	106.13	26.98	Peak
0.137	54.81	19.73	74.54	104.86	30.32	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 3DH1 2402MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

Date: 2025-03-31



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

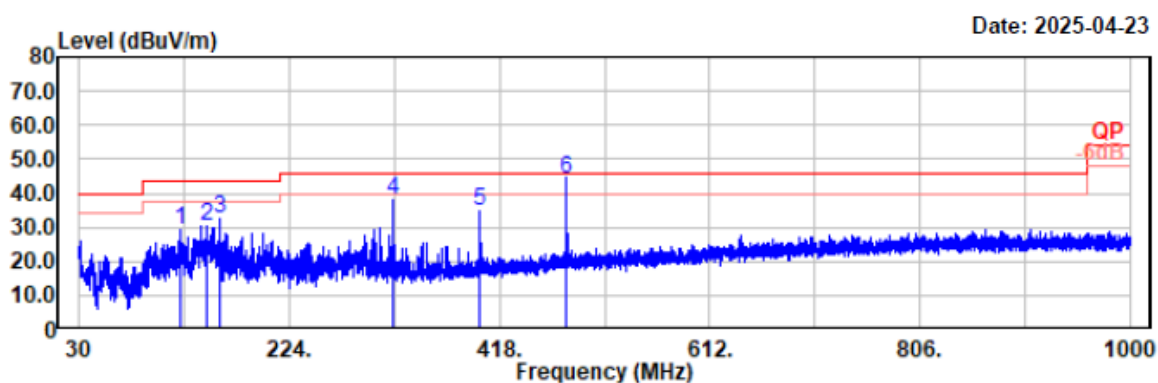
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.162	37.66	19.72	57.38	103.42	46.04	Peak
0.795	26.25	19.70	45.95	69.60	23.65	Peak
1.971	28.36	19.57	47.93	69.54	21.61	Peak
2.959	30.31	19.84	50.15	69.54	19.39	Peak
3.574	27.30	19.80	47.10	69.54	22.44	Peak
10.039	17.81	19.70	37.51	69.54	32.03	Peak

2) 30MHz-1GHz

Note: The maximum output power mode: EDR(8DPSK) Low channel was tested.

Project No.: 2507R30441E-RF
Test Mode: EDR 3DH1 2402MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 20°C/55%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

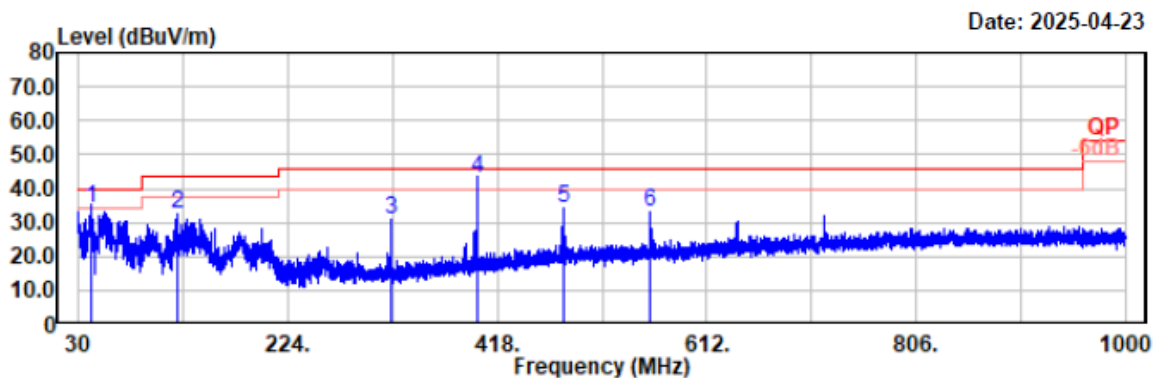


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
123.90	39.14	-9.95	29.19	43.50	14.31	Horizontal	Peak
147.86	41.30	-11.06	30.24	43.50	13.26	Horizontal	Peak
159.98	44.14	-11.45	32.69	43.50	10.81	Horizontal	Peak
320.03	46.93	-8.77	38.16	46.00	7.84	Horizontal	Peak
400.06	41.36	-6.39	34.97	46.00	11.03	Horizontal	Peak
480.08	48.13	-3.83	44.30	46.00	1.70	Horizontal	QP

Project No.: 2507R30441E-RF
Test Mode: EDR 3DH1 2402MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 20°C/55%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



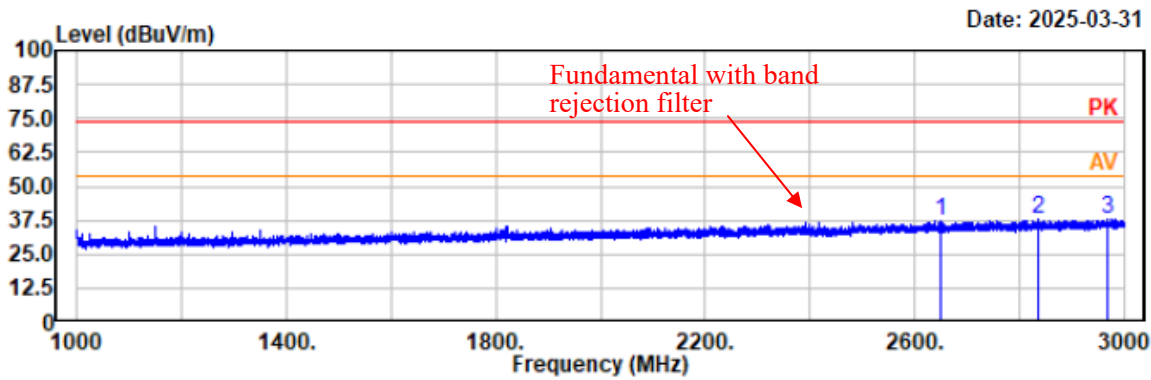
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
41.25	46.73	-12.52	34.21	40.00	5.79	Vertical	QP
120.99	42.70	-10.27	32.43	43.50	11.07	Vertical	Peak
320.03	39.50	-8.77	30.73	46.00	15.27	Vertical	Peak
399.96	49.20	-6.39	42.81	46.00	3.19	Vertical	QP
480.08	38.21	-3.83	34.38	46.00	11.62	Vertical	Peak
560.11	35.50	-2.60	32.90	46.00	13.10	Vertical	Peak

3) 1 GHz-3 GHz

Project No.: 2507R30441E-RF
Test Mode: BDR DH1 2402MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

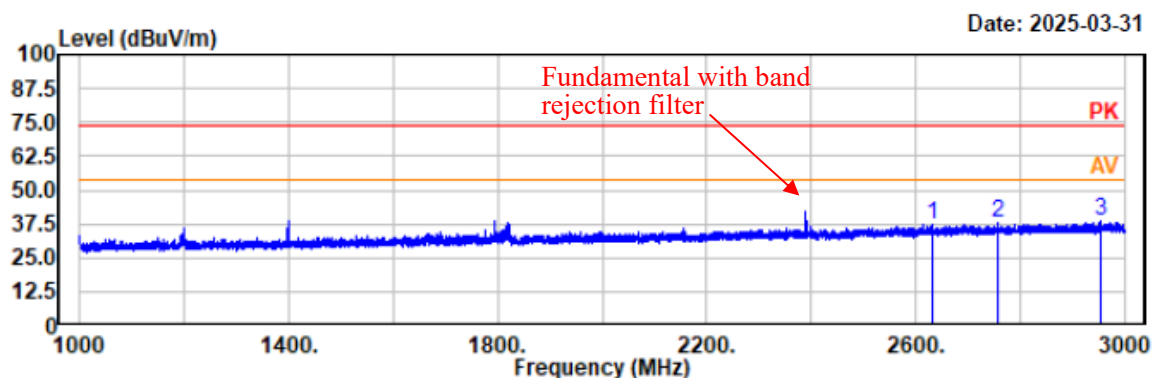


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2648.80	47.29	-10.20	37.09	74.00	36.91	horizontal	Peak
2836.60	47.50	-9.66	37.84	74.00	36.16	horizontal	Peak
2968.40	46.99	-9.11	37.88	74.00	36.12	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: BDR DH1 2402MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2632.80	47.30	-10.27	37.03	74.00	36.97	vertical	Peak
2755.60	47.55	-9.93	37.62	74.00	36.38	vertical	Peak
2955.20	47.83	-9.18	38.65	74.00	35.35	vertical	Peak

Project No.: 2507R30441E-RF

Test Mode: BDR DH1 2441MHz

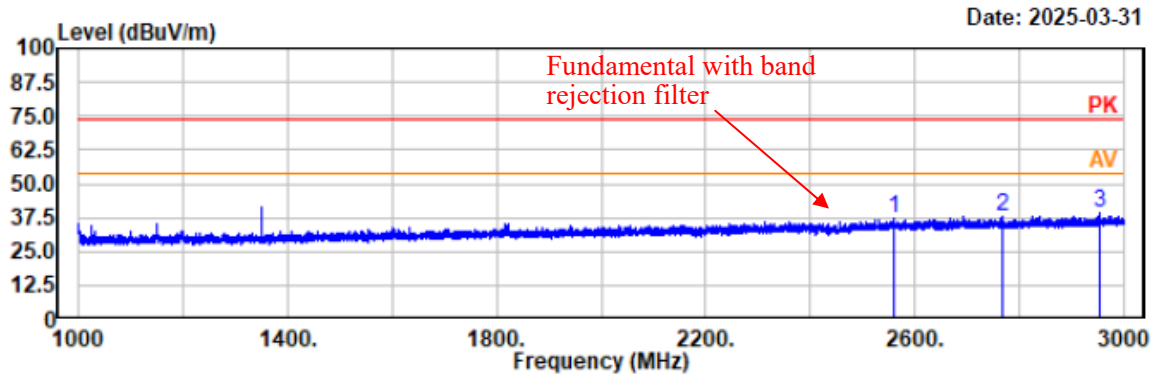
EUT Model: KPP-01SS

Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz

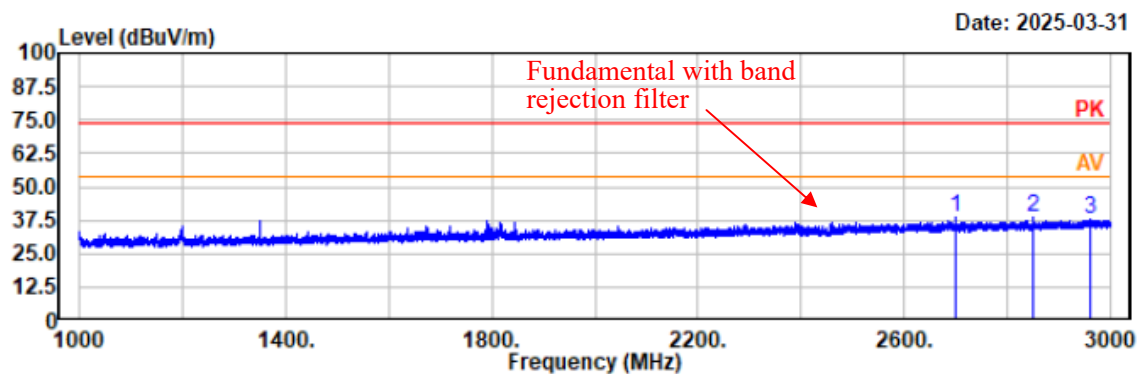


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2560.20	47.51	-10.56	36.95	74.00	37.05	horizontal	Peak
2767.80	47.90	-9.89	38.01	74.00	35.99	horizontal	Peak
2953.80	48.44	-9.18	39.26	74.00	34.74	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: BDR DH1 2441MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



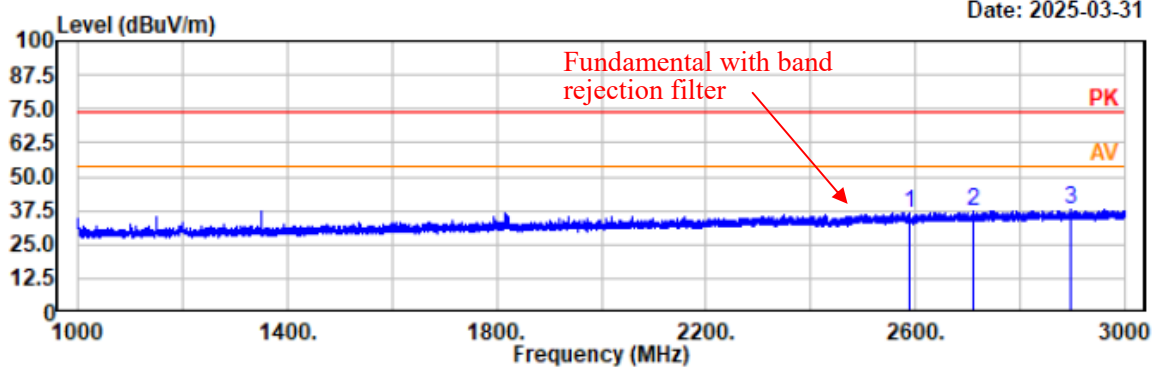
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2700.00	48.88	-10.00	38.88	74.00	35.12	vertical	Peak
2850.00	47.95	-9.62	38.33	74.00	35.67	vertical	Peak
2960.20	47.19	-9.16	38.03	74.00	35.97	vertical	Peak

Project No.: 2507R30441E-RF
Test Mode: BDR DH1 2480MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

Date: 2025-03-31



Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2587.60	47.18	-10.45	36.73	74.00	37.27	horizontal	Peak
2712.20	47.17	-9.99	37.18	74.00	36.82	horizontal	Peak
2895.40	47.38	-9.56	37.82	74.00	36.18	horizontal	Peak

Project No.: 2507R30441E-RF

Test Mode: BDR DH1 2480MHz

EUT Model: KPP-01SS

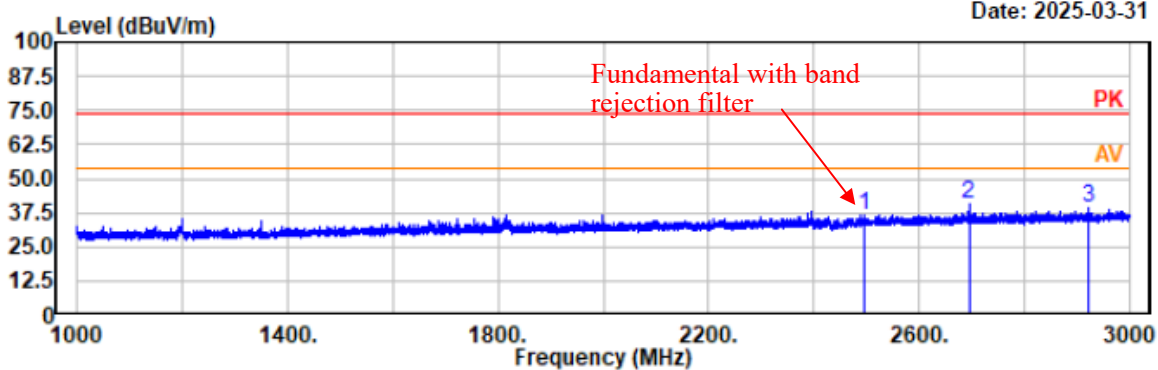
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz

Date: 2025-03-31

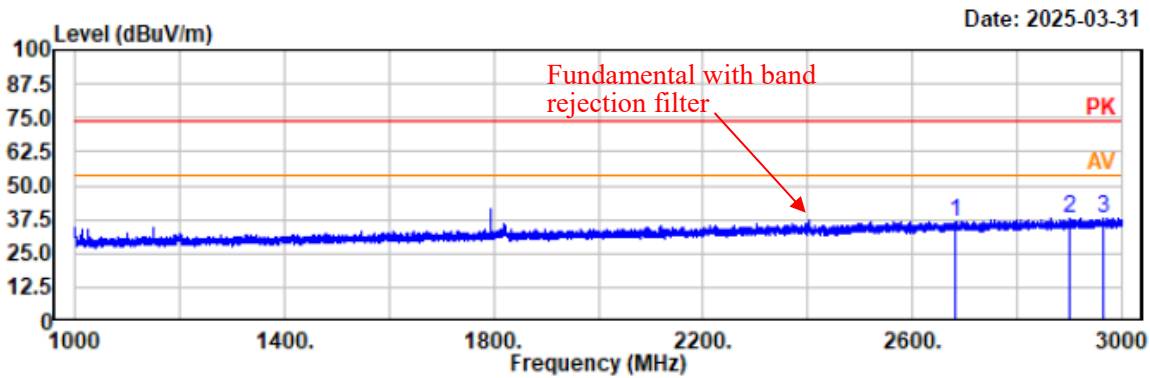


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2494.60	47.10	-10.72	36.38	74.00	37.62	vertical	Peak
2694.60	50.48	-10.02	40.46	74.00	33.54	vertical	Peak
2923.20	48.39	-9.39	39.00	74.00	35.00	vertical	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 2DH1 2402MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2682.00	46.56	-10.07	36.49	74.00	37.51	horizontal	Peak
2899.20	47.56	-9.55	38.01	74.00	35.99	horizontal	Peak
2966.20	47.23	-9.12	38.11	74.00	35.89	horizontal	Peak

Project No.: 2507R30441E-RF

Test Mode: EDR 2DH1 2402MHz

EUT Model: KPP-01SS

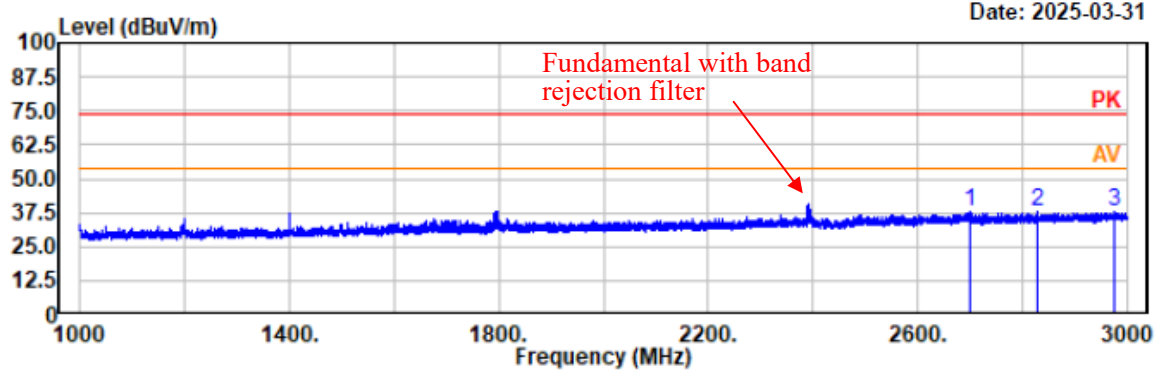
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz

Date: 2025-03-31

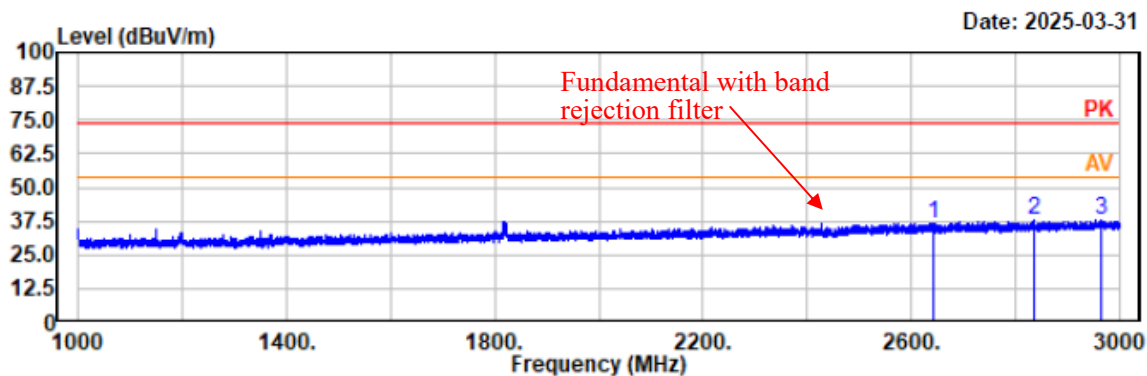


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2699.20	47.74	-10.00	37.74	74.00	36.26	vertical	Peak
2828.80	47.33	-9.68	37.65	74.00	36.35	vertical	Peak
2974.20	46.68	-9.07	37.61	74.00	36.39	vertical	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 2DH1 2441MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



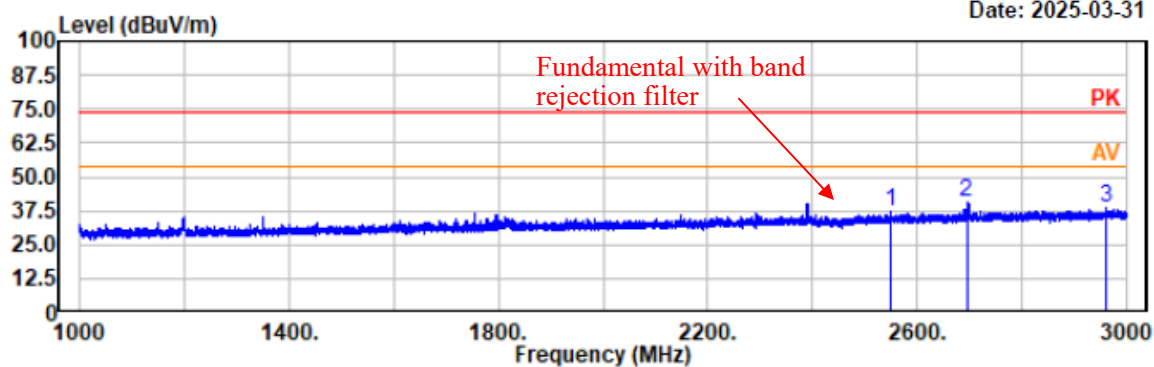
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2641.80	47.04	-10.23	36.81	74.00	37.19	horizontal	Peak
2836.80	47.38	-9.66	37.72	74.00	36.28	horizontal	Peak
2963.20	46.88	-9.14	37.74	74.00	36.26	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 2DH1 2441MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

Date: 2025-03-31

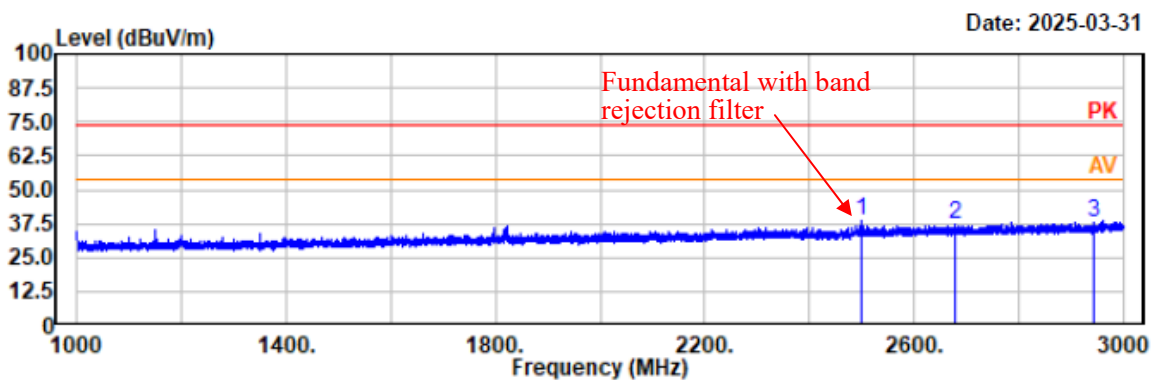


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2550.60	47.88	-10.60	37.28	74.00	36.72	vertical	Peak
2694.60	51.02	-10.02	41.00	74.00	33.00	vertical	Peak
2962.00	47.50	-9.14	38.36	74.00	35.64	vertical	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 2DH1 2480MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

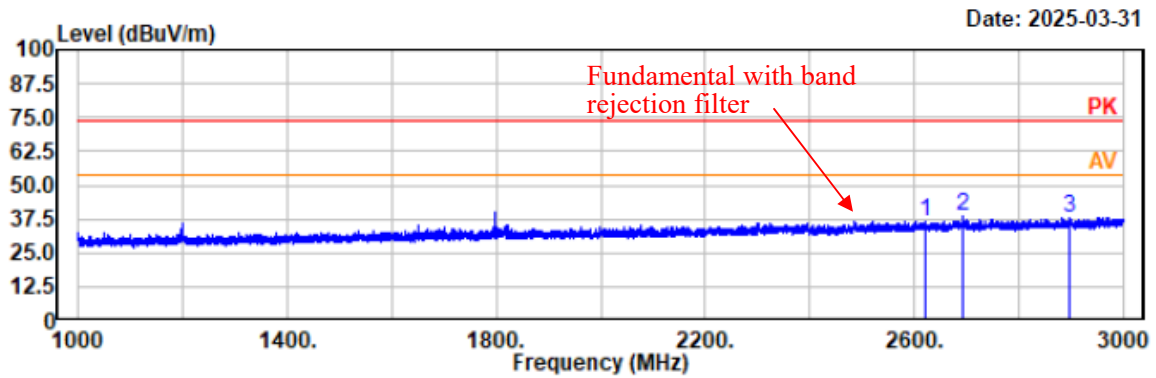


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2500.60	49.07	-10.70	38.37	74.00	35.63	horizontal	Peak
2676.80	47.03	-10.10	36.93	74.00	37.07	horizontal	Peak
2943.40	47.09	-9.25	37.84	74.00	36.16	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 2DH1 2480MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

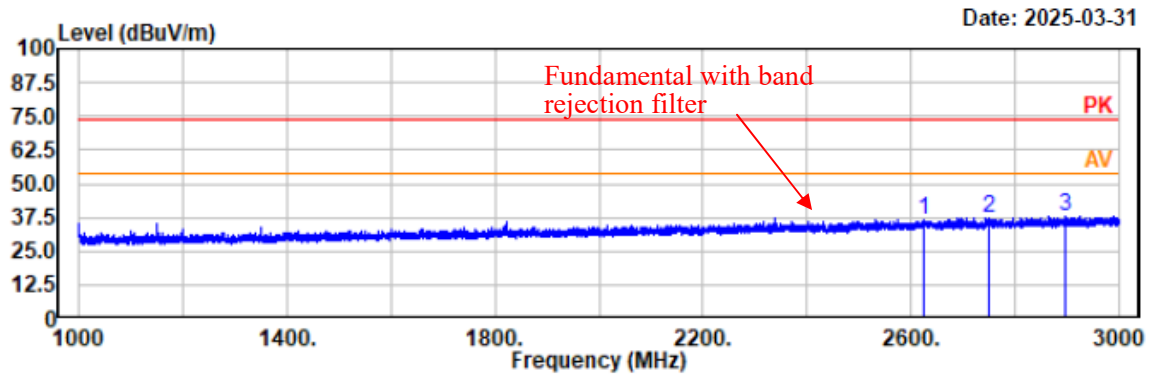


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2620.00	46.84	-10.31	36.53	74.00	37.47	vertical	Peak
2693.00	48.34	-10.03	38.31	74.00	35.69	vertical	Peak
2896.20	47.32	-9.56	37.76	74.00	36.24	vertical	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 3DH1 2402MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

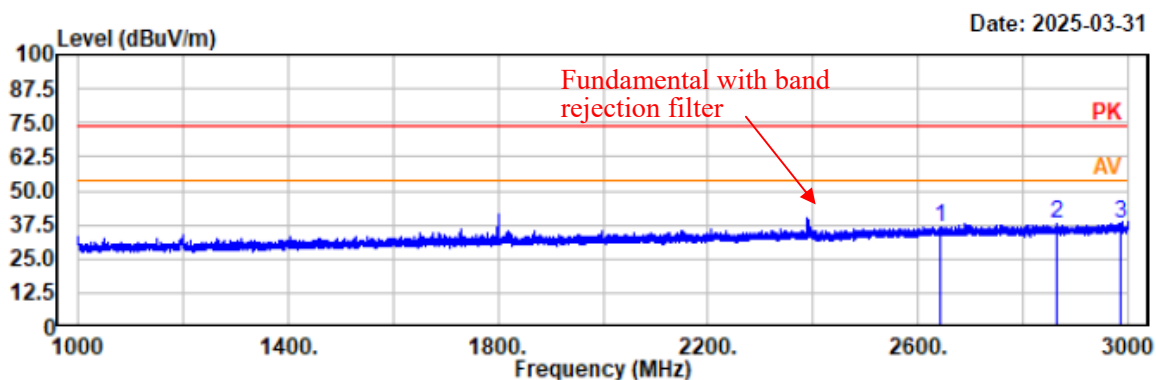


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2625.20	46.85	-10.30	36.55	74.00	37.45	horizontal	Peak
2749.20	47.45	-9.95	37.50	74.00	36.50	horizontal	Peak
2895.20	47.83	-9.56	38.27	74.00	35.73	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 3DH1 2402MHz
EUT Model: KPP-0155
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

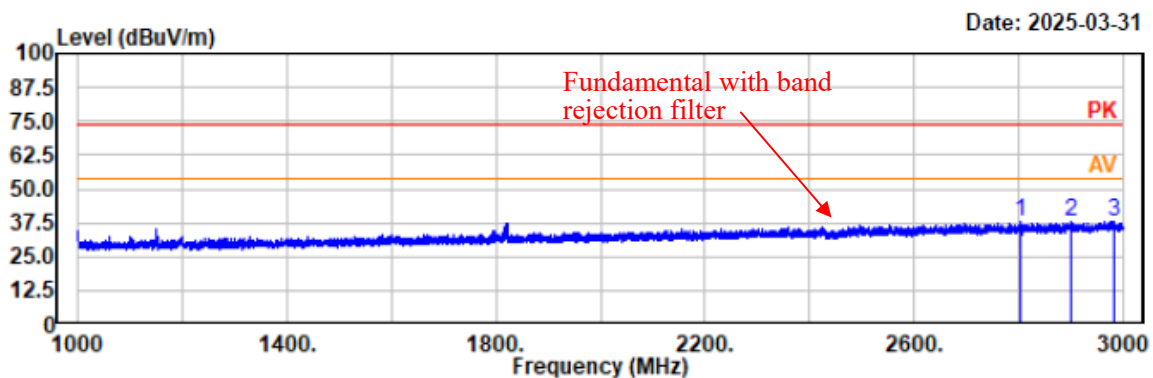


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2642.60	46.82	-10.23	36.59	74.00	37.41	vertical	Peak
2864.80	47.22	-9.60	37.62	74.00	36.38	vertical	Peak
2986.00	47.17	-9.02	38.15	74.00	35.85	vertical	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 3DH1 2441MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

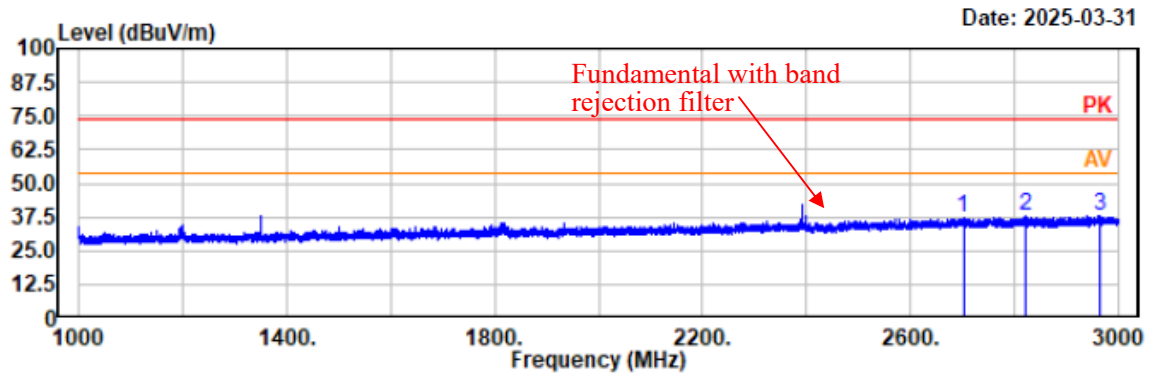


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2804.20	47.63	-9.77	37.86	74.00	36.14	horizontal	Peak
2901.00	47.46	-9.54	37.92	74.00	36.08	horizontal	Peak
2983.80	47.12	-9.02	38.10	74.00	35.90	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 3DH1 2441MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



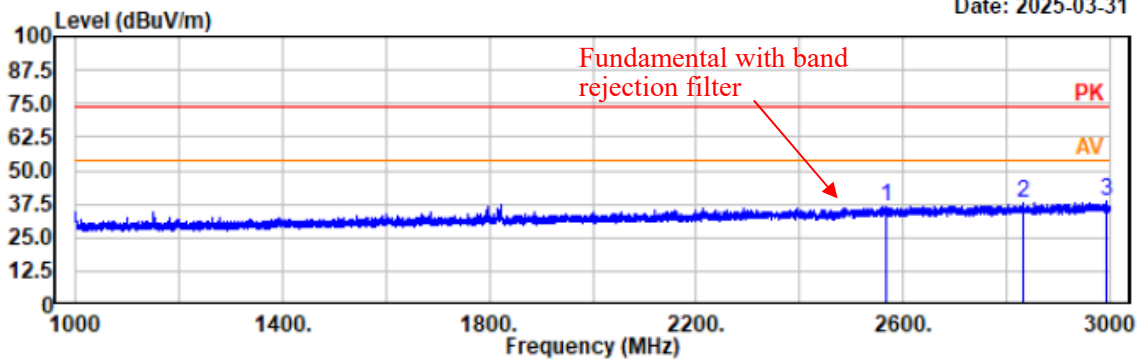
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2701.80	46.99	-10.00	36.99	74.00	37.01	vertical	Peak
2821.00	47.41	-9.73	37.68	74.00	36.32	vertical	Peak
2963.80	47.08	-9.13	37.95	74.00	36.05	vertical	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 3DH1 2480MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

Date: 2025-03-31

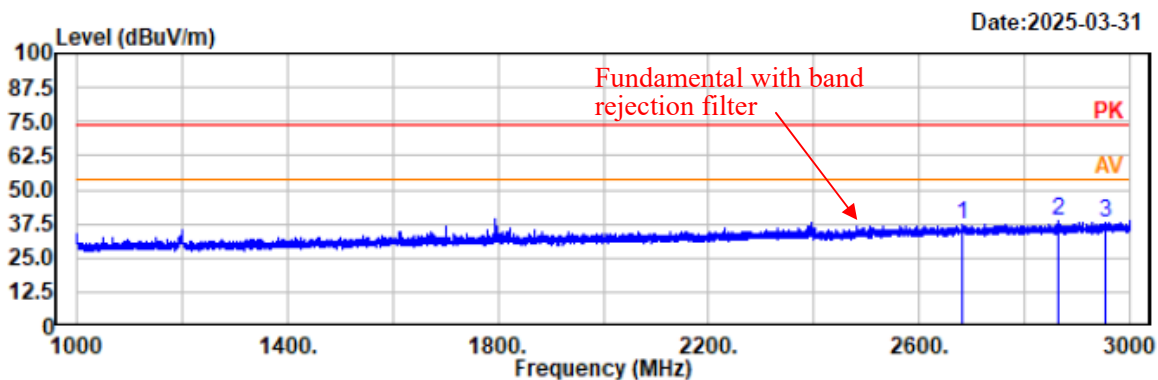


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2567.60	47.09	-10.53	36.56	74.00	37.44	horizontal	Peak
2831.20	47.86	-9.68	38.18	74.00	35.82	horizontal	Peak
2992.40	47.32	-8.99	38.33	74.00	35.67	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 3DH1 2480MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2680.80	47.19	-10.08	37.11	74.00	36.89	vertical	Peak
2865.20	48.39	-9.60	38.79	74.00	35.21	vertical	Peak
2954.40	47.18	-9.18	38.00	74.00	36.00	vertical	Peak

4) 3 GHz-18 GHz

Project No.: 2507R30441E-RF

Test Mode: BDR DH1 2402MHz

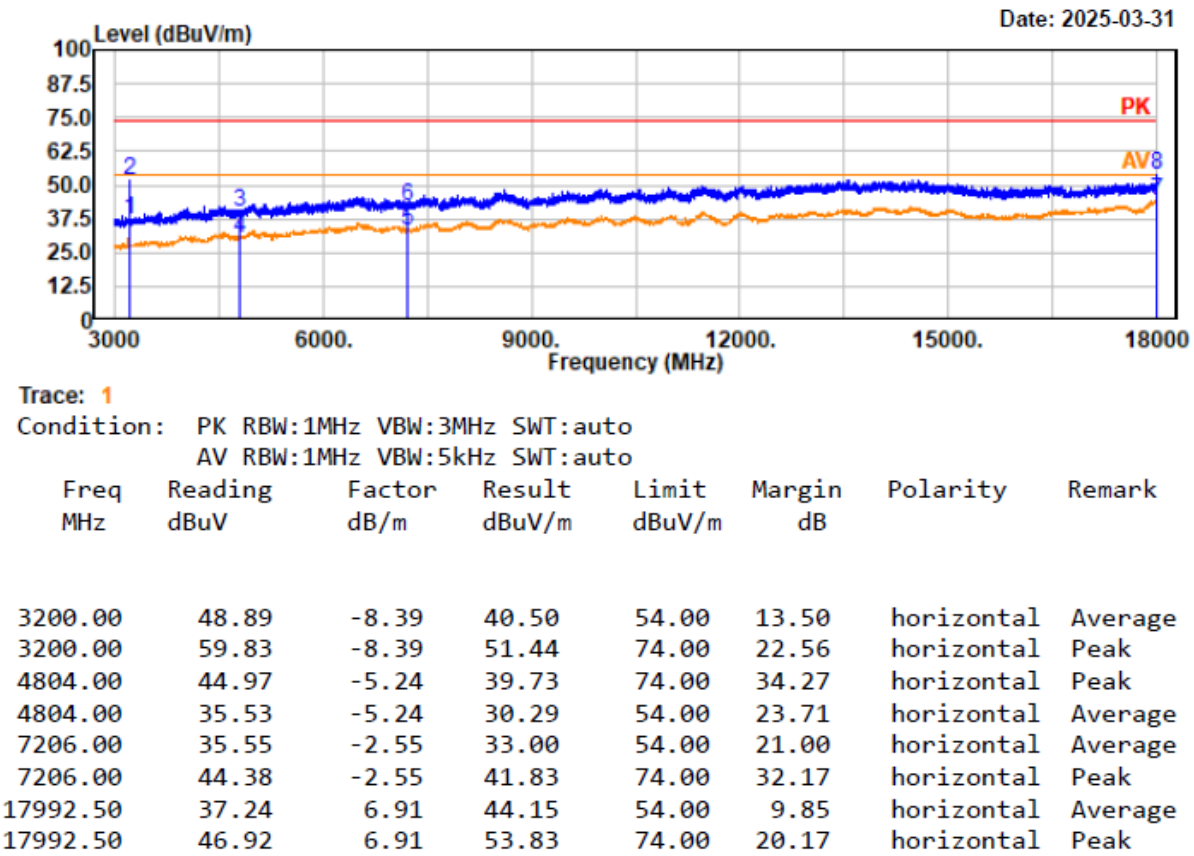
EUT Model: KPP-01SS

Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa

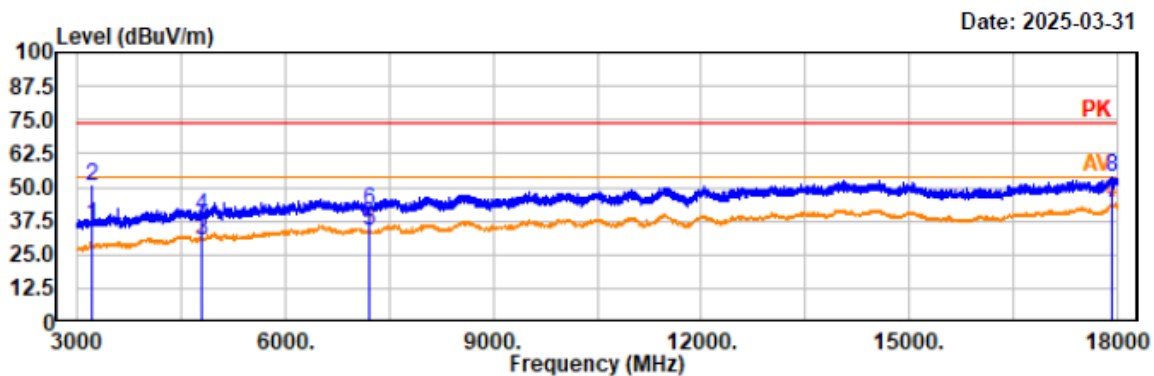
Tested by: Wlif Wu

Power Source: AC 120V/60Hz



Project No.: 2507R30441E-RF
Test Mode: BDR DH1 2402MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

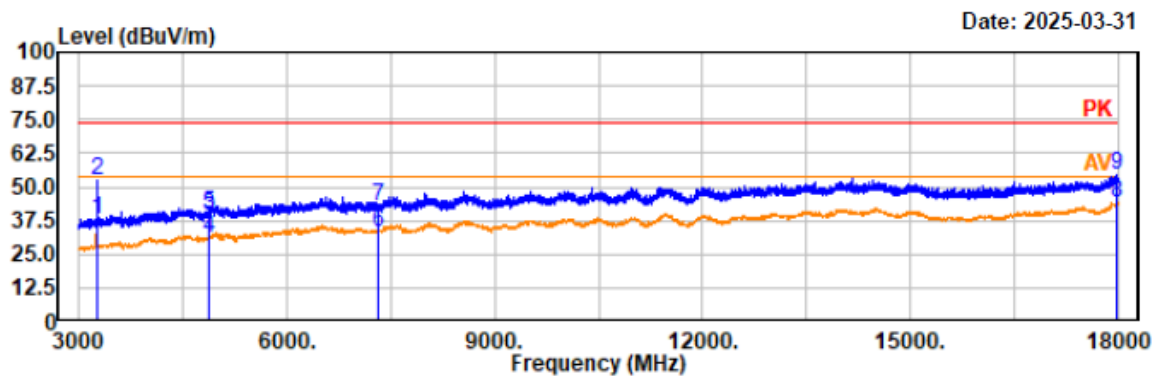
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3200.00	47.54	-8.39	39.15	54.00	14.85	vertical	Average
3200.00	58.77	-8.39	50.38	74.00	23.62	vertical	Peak
4804.00	35.75	-5.24	30.51	54.00	23.49	vertical	Average
4804.00	44.36	-5.24	39.12	74.00	34.88	vertical	Peak
7206.00	36.29	-2.55	33.74	54.00	20.26	vertical	Average
7206.00	44.15	-2.55	41.60	74.00	32.40	vertical	Peak
17937.00	37.22	6.84	44.06	54.00	9.94	vertical	Average
17937.00	46.65	6.84	53.49	74.00	20.51	vertical	Peak

Project No.: 2507R30441E-RF
Test Mode: BDR DH1 2441MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3255.00	49.52	-8.30	41.22	54.00	12.78	horizontal	Average
3255.00	60.98	-8.30	52.68	74.00	21.32	horizontal	Peak
4880.00	44.76	-5.30	39.46	74.00	34.54	horizontal	Peak
4882.00	36.55	-5.31	31.24	54.00	22.76	horizontal	Average
4882.00	45.28	-5.31	39.97	74.00	34.03	horizontal	Peak
7323.00	35.51	-2.24	33.27	54.00	20.73	horizontal	Average
7323.00	45.22	-2.24	42.98	74.00	31.02	horizontal	Peak
17971.50	37.15	6.88	44.03	54.00	9.97	horizontal	Average
17971.50	47.41	6.88	54.29	74.00	19.71	horizontal	Peak

Project No.: 2507R30441E-RF

Test Mode: BDR DH1 2441MHz

EUT Model: KPP-01SS

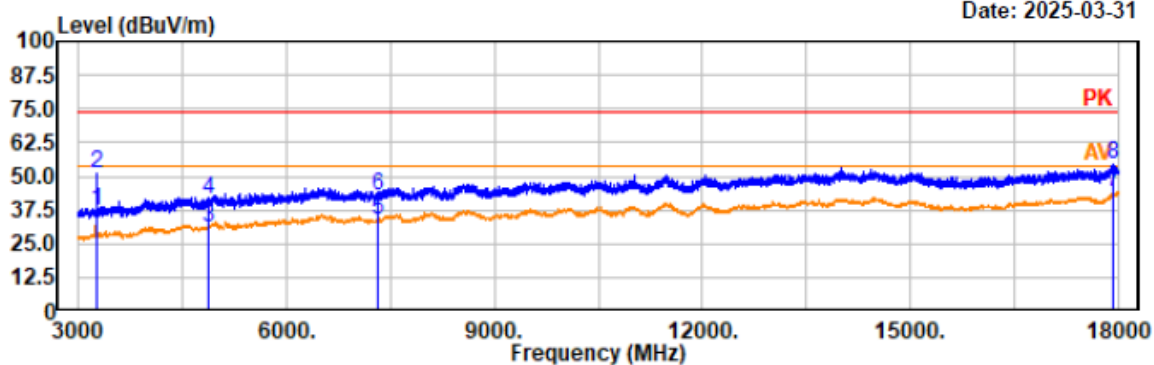
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz

Date: 2025-03-31



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
3255.00	48.63	-8.30	40.33	54.00	13.67	vertical	Average
3255.00	59.07	-8.30	50.77	74.00	23.23	vertical	Peak
4882.00	36.41	-5.31	31.10	54.00	22.90	vertical	Average
4882.00	46.94	-5.31	41.63	74.00	32.37	vertical	Peak
7323.00	36.08	-2.24	33.84	54.00	20.16	vertical	Average
7323.00	44.80	-2.24	42.56	74.00	31.44	vertical	Peak
17925.00	37.12	6.84	43.96	54.00	10.04	vertical	Average
17925.00	47.44	6.84	54.28	74.00	19.72	vertical	Peak

Project No.: 2507R30441E-RF

Test Mode: BDR DH1 2480MHz

EUT Model: KPP-01SS

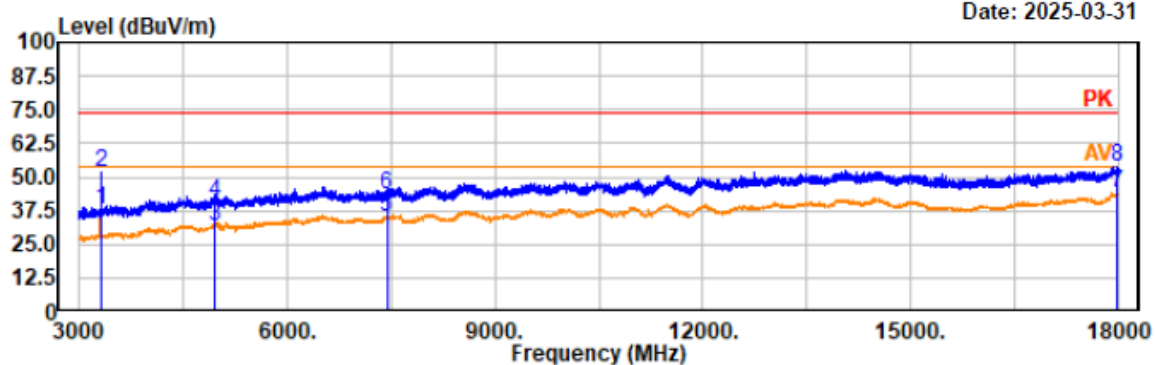
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz

Date: 2025-03-31



Trace: 1

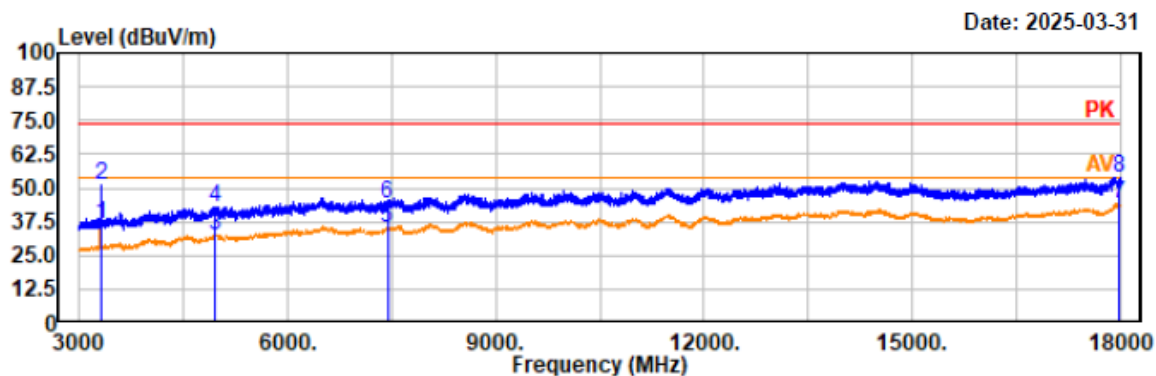
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3306.00	48.85	-8.20	40.65	54.00	13.35	horizontal	Average
3306.00	59.64	-8.20	51.44	74.00	22.56	horizontal	Peak
4960.00	37.10	-5.11	31.99	54.00	22.01	horizontal	Average
4960.00	45.99	-5.11	40.88	74.00	33.12	horizontal	Peak
7440.00	37.03	-2.03	35.00	54.00	19.00	horizontal	Average
7440.00	45.76	-2.03	43.73	74.00	30.27	horizontal	Peak
17976.00	37.13	6.89	44.02	54.00	9.98	horizontal	Average
17976.00	47.22	6.89	54.11	74.00	19.89	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: BDR DH1 2480MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto

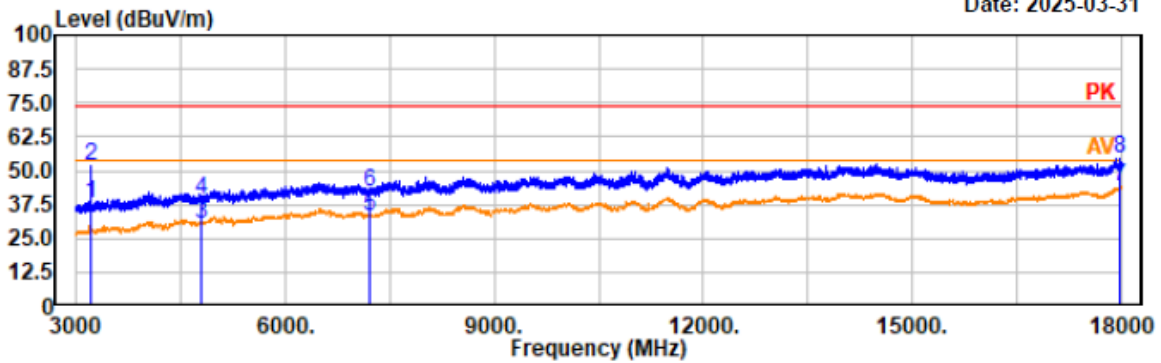
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3306.00	48.96	-8.20	40.76	54.00	13.24	vertical	Average
3306.00	59.37	-8.20	51.17	74.00	22.83	vertical	Peak
4960.00	37.29	-5.11	32.18	54.00	21.82	vertical	Average
4960.00	47.64	-5.11	42.53	74.00	31.47	vertical	Peak
7440.00	37.02	-2.03	34.99	54.00	19.01	vertical	Average
7440.00	45.95	-2.03	43.92	74.00	30.08	vertical	Peak
17989.50	37.00	6.90	43.90	54.00	10.10	vertical	Average
17989.50	46.90	6.90	53.80	74.00	20.20	vertical	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 2DH1 2402MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

Date: 2025-03-31



Trace: 1

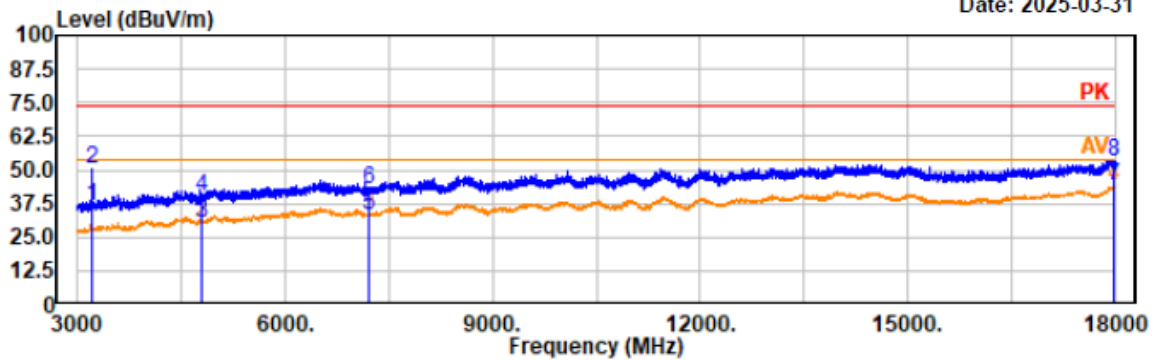
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3200.00	49.49	-8.39	41.10	54.00	12.90	horizontal	Average
3200.00	59.97	-8.39	51.58	74.00	22.42	horizontal	Peak
4804.00	35.43	-5.24	30.19	54.00	23.81	horizontal	Average
4804.00	44.25	-5.24	39.01	74.00	34.99	horizontal	Peak
7206.00	35.98	-2.55	33.43	54.00	20.57	horizontal	Average
7206.00	44.57	-2.55	42.02	74.00	31.98	horizontal	Peak
17986.50	37.36	6.89	44.25	54.00	9.75	horizontal	Average
17986.50	47.48	6.89	54.37	74.00	19.63	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 2DH1 2402MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

Date: 2025-03-31



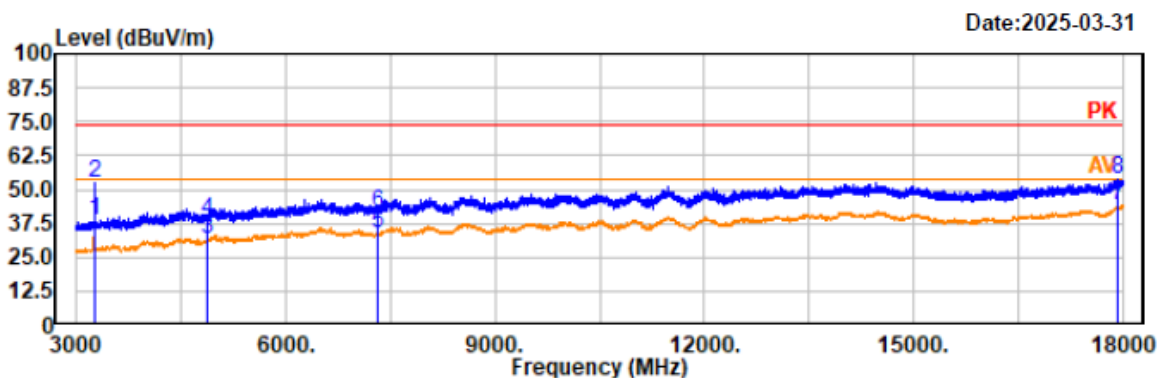
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3200.00	47.66	-8.39	39.27	54.00	14.73	vertical	Average
3200.00	58.60	-8.39	50.21	74.00	23.79	vertical	Peak
4804.00	35.69	-5.24	30.45	54.00	23.55	vertical	Average
4804.00	45.13	-5.24	39.89	74.00	34.11	vertical	Peak
7206.00	35.68	-2.55	33.13	54.00	20.87	vertical	Average
7206.00	45.28	-2.55	42.73	74.00	31.27	vertical	Peak
17983.50	37.10	6.89	43.99	54.00	10.01	vertical	Average
17983.50	46.45	6.89	53.34	74.00	20.66	vertical	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 2DH1 2441MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

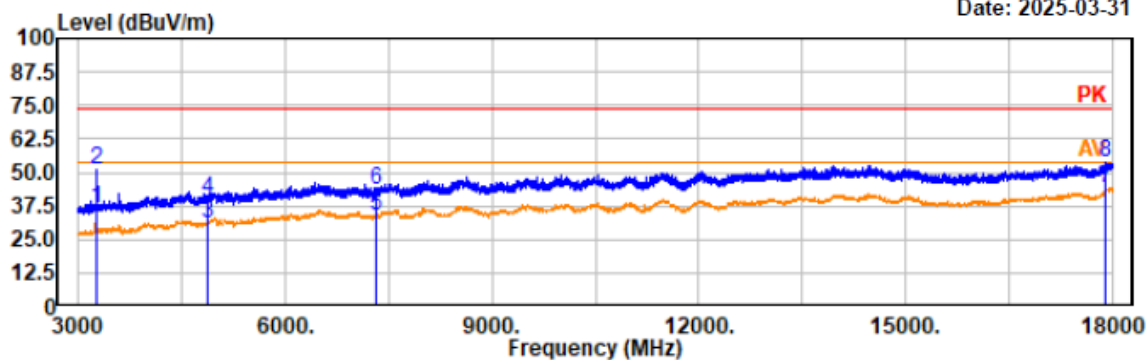
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3255.00	49.61	-8.30	41.31	54.00	12.69	horizontal	Average
3255.00	60.78	-8.30	52.48	74.00	21.52	horizontal	Peak
4882.00	36.75	-5.30	31.45	54.00	22.55	horizontal	Average
4882.00	44.21	-5.30	38.91	74.00	35.09	horizontal	Peak
7323.00	35.85	-2.24	33.61	54.00	20.39	horizontal	Average
7323.00	43.85	-2.24	41.61	74.00	32.39	horizontal	Peak
17923.50	36.96	6.83	43.79	54.00	10.21	horizontal	Average
17923.50	47.26	6.83	54.09	74.00	19.91	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 2DH1 2441MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

Date: 2025-03-31



Trace: 1

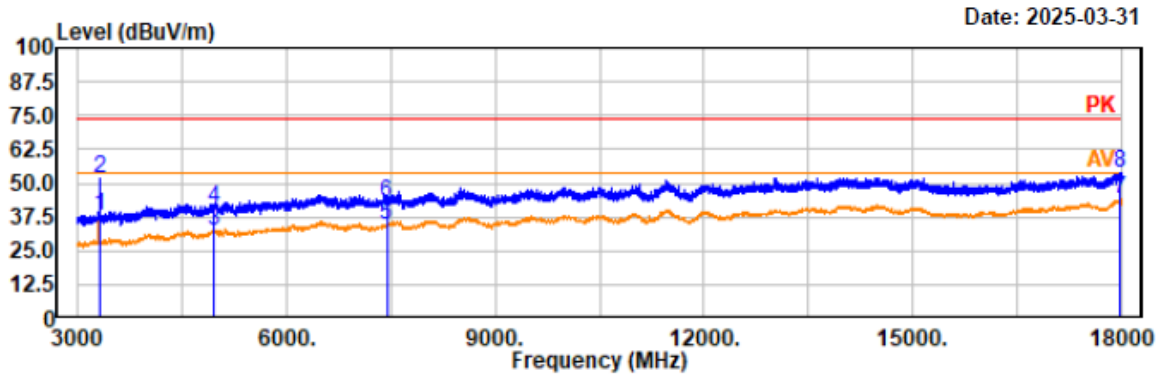
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3255.00	48.06	-8.30	39.76	54.00	14.24	vertical	Average
3255.00	59.05	-8.30	50.75	74.00	23.25	vertical	Peak
4882.00	36.65	-5.31	31.34	54.00	22.66	vertical	Average
4882.00	45.56	-5.31	40.25	74.00	33.75	vertical	Peak
7323.00	35.84	-2.24	33.60	54.00	20.40	vertical	Average
7323.00	45.49	-2.24	43.25	74.00	30.75	vertical	Peak
17902.50	37.01	6.81	43.82	54.00	10.18	vertical	Average
17902.50	47.00	6.81	53.81	74.00	20.19	vertical	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 2DH1 2480MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



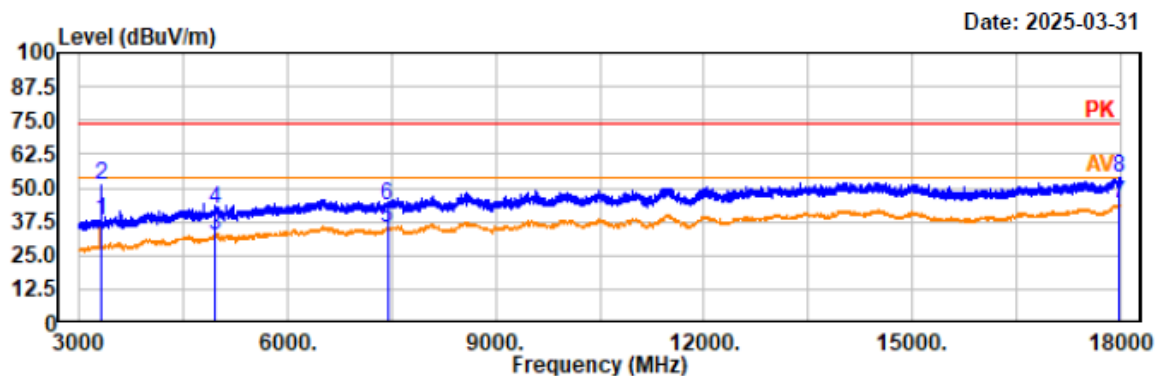
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3306.00	48.93	-8.20	40.73	54.00	13.27	horizontal	Average
3306.00	59.97	-8.20	51.77	74.00	22.23	horizontal	Peak
4960.00	37.30	-5.11	32.19	54.00	21.81	horizontal	Average
4960.00	45.84	-5.11	40.73	74.00	33.27	horizontal	Peak
7440.00	36.30	-2.03	34.27	54.00	19.73	horizontal	Average
7440.00	45.13	-2.03	43.10	74.00	30.90	horizontal	Peak
17976.00	37.19	6.89	44.08	54.00	9.92	horizontal	Average
17976.00	47.20	6.89	54.09	74.00	19.91	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 2DH1 2480MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3306.00	48.89	-8.20	40.69	54.00	13.31	vertical	Average
3306.00	59.45	-8.20	51.25	74.00	22.75	vertical	Peak
4960.00	37.31	-5.11	32.20	54.00	21.80	vertical	Average
4960.00	47.47	-5.11	42.36	74.00	31.64	vertical	Peak
7440.00	36.89	-2.03	34.86	54.00	19.14	vertical	Average
7440.00	45.21	-2.03	43.18	74.00	30.82	vertical	Peak
17979.00	36.95	6.89	43.84	54.00	10.16	vertical	Average
17979.00	46.94	6.89	53.83	74.00	20.17	vertical	Peak

Project No.: 2507R30441E-RF

Test Mode: EDR 3DH1 2402MHz

EUT Model: KPP-01SS

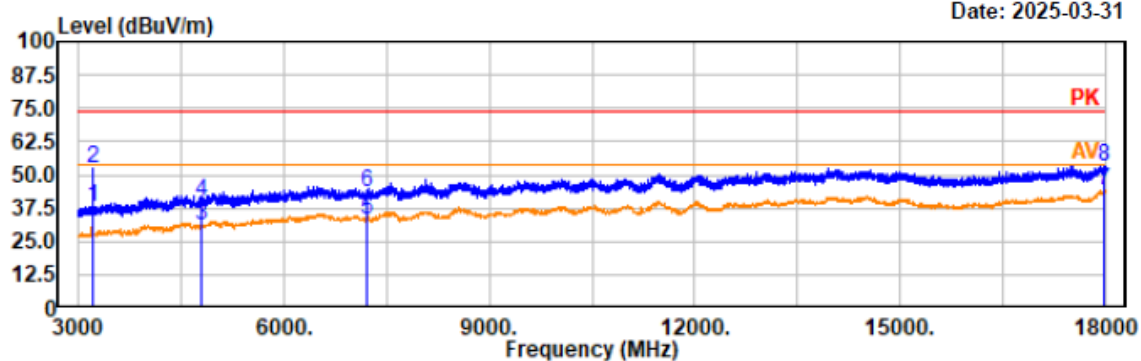
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz

Date: 2025-03-31



Trace: 1

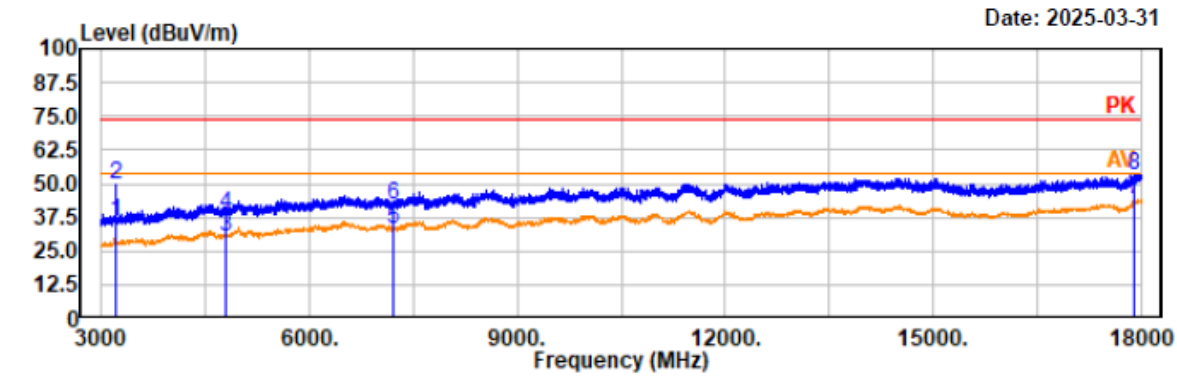
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3200.00	50.36	-8.39	41.97	54.00	12.03	horizontal	Average
3200.00	61.07	-8.39	52.68	74.00	21.32	horizontal	Peak
4804.00	36.10	-5.24	30.86	54.00	23.14	horizontal	Average
4804.00	45.16	-5.24	39.92	74.00	34.08	horizontal	Peak
7206.00	35.61	-2.55	33.06	54.00	20.94	horizontal	Average
7206.00	45.83	-2.55	43.28	74.00	30.72	horizontal	Peak
17967.00	37.43	6.87	44.30	54.00	9.70	horizontal	Average
17967.00	46.11	6.87	52.98	74.00	21.02	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 3DH1 2402MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3200.00	47.59	-8.39	39.20	54.00	14.80	vertical	Average
3200.00	57.88	-8.39	49.49	74.00	24.51	vertical	Peak
4804.00	35.36	-5.24	30.12	54.00	23.88	vertical	Average
4804.00	43.73	-5.24	38.49	74.00	35.51	vertical	Peak
7206.00	35.93	-2.55	33.38	54.00	20.62	vertical	Average
7206.00	44.44	-2.55	41.89	74.00	32.11	vertical	Peak
17908.50	37.18	6.81	43.99	54.00	10.01	vertical	Average
17908.50	46.39	6.81	53.20	74.00	20.80	vertical	Peak

Project No.: 2507R30441E-RF

Test Mode: EDR 3DH1 2441MHz

EUT Model: KPP-01SS

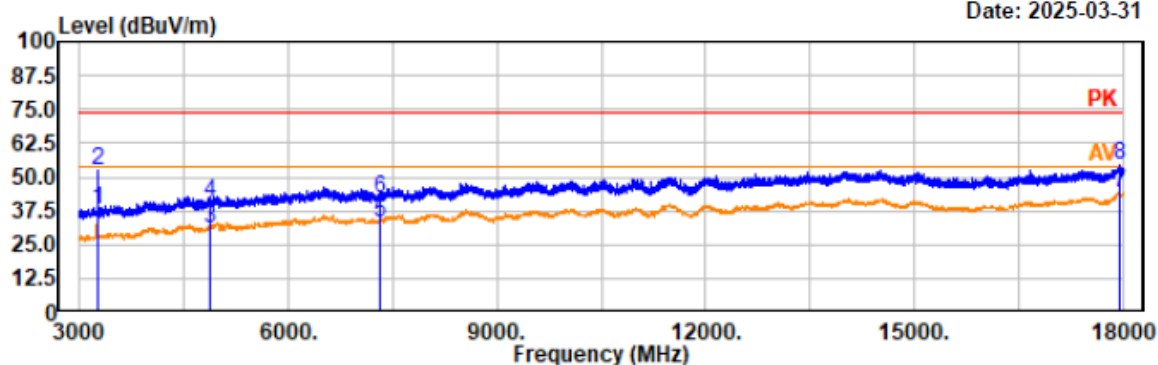
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz

Date: 2025-03-31



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3255.00	49.58	-8.30	41.28	54.00	12.72	horizontal	Average
3255.00	60.82	-8.30	52.52	74.00	21.48	horizontal	Peak
4882.00	36.27	-5.30	30.97	54.00	23.03	horizontal	Average
4882.00	45.76	-5.30	40.46	74.00	33.54	horizontal	Peak
7323.00	35.59	-2.24	33.35	54.00	20.65	horizontal	Average
7323.00	44.63	-2.24	42.39	74.00	31.61	horizontal	Peak
17949.00	37.13	6.86	43.99	54.00	10.01	horizontal	Average
17949.00	47.29	6.86	54.15	74.00	19.85	horizontal	Peak

Project No.: 2507R30441E-RF

Test Mode: EDR 3DH1 2441MHz

EUT Model: KPP-015S

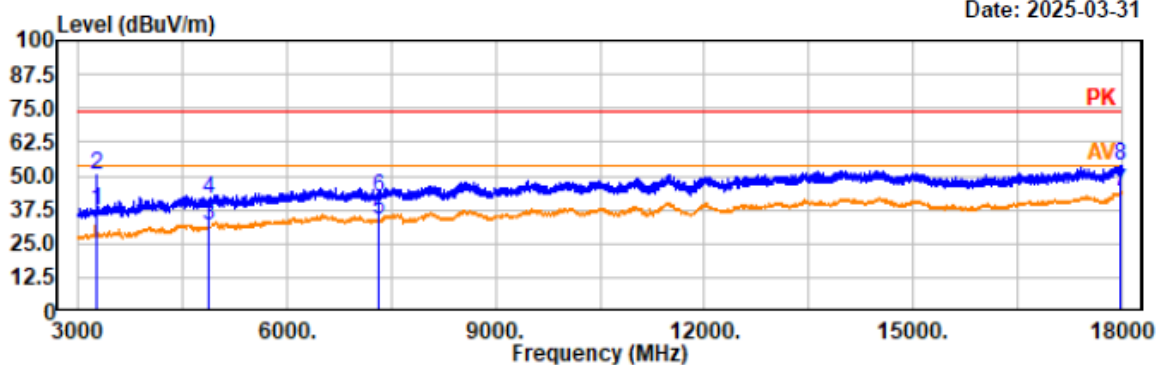
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz

Date: 2025-03-31



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3255.00	48.42	-8.30	40.12	54.00	13.88	vertical	Average
3255.00	58.90	-8.30	50.60	74.00	23.40	vertical	Peak
4882.00	36.69	-5.31	31.38	54.00	22.62	vertical	Average
4882.00	46.72	-5.31	41.41	74.00	32.59	vertical	Peak
7323.00	35.91	-2.24	33.67	54.00	20.33	vertical	Average
7323.00	44.46	-2.24	42.22	74.00	31.78	vertical	Peak
17982.00	37.13	6.89	44.02	54.00	9.98	vertical	Average
17982.00	46.84	6.89	53.73	74.00	20.27	vertical	Peak

Project No.: 2507R30441E-RF

Test Mode: EDR 3DH1 2480MHz

EUT Model: KPP-01SS

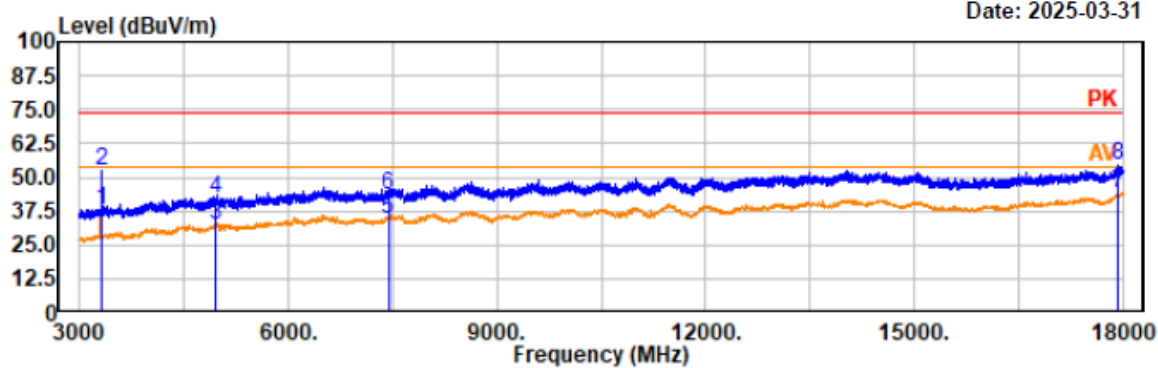
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz

Date: 2025-03-31



Trace: 1

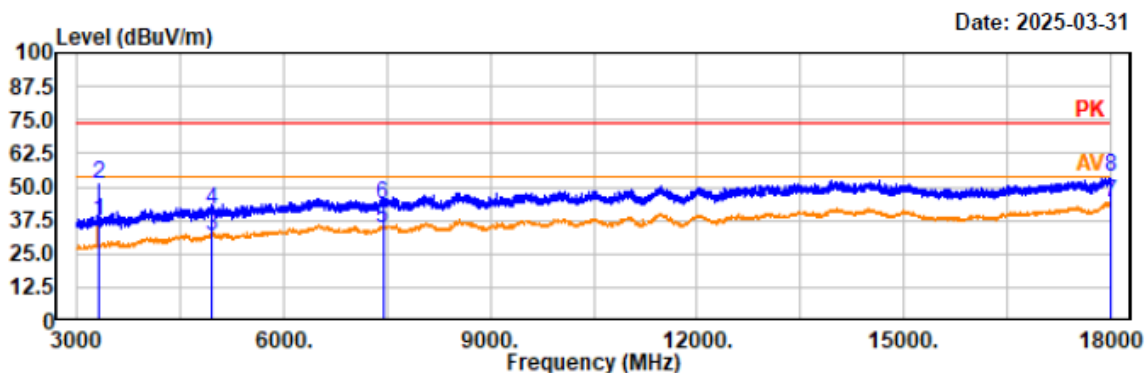
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3306.00	49.98	-8.20	41.78	54.00	12.22	horizontal	Average
3306.00	60.38	-8.20	52.18	74.00	21.82	horizontal	Peak
4960.00	37.19	-5.11	32.08	54.00	21.92	horizontal	Average
4960.00	47.01	-5.11	41.90	74.00	32.10	horizontal	Peak
7440.00	36.76	-2.03	34.73	54.00	19.27	horizontal	Average
7440.00	45.50	-2.03	43.47	74.00	30.53	horizontal	Peak
17929.50	37.32	6.84	44.16	54.00	9.84	horizontal	Average
17929.50	47.77	6.84	54.61	74.00	19.39	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 3DH1 2480MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

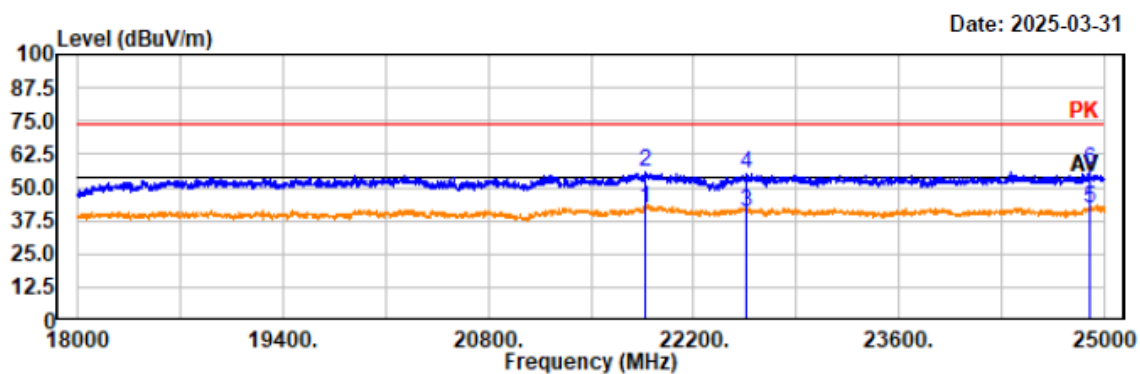
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3306.00	48.49	-8.20	40.29	54.00	13.71	vertical	Average
3306.00	59.25	-8.20	51.05	74.00	22.95	vertical	Peak
4960.00	37.08	-5.11	31.97	54.00	22.03	vertical	Average
4960.00	46.83	-5.11	41.72	74.00	32.28	vertical	Peak
7440.00	36.58	-2.03	34.55	54.00	19.45	vertical	Average
7440.00	45.30	-2.03	43.27	74.00	30.73	vertical	Peak
17994.00	37.21	6.91	44.12	54.00	9.88	vertical	Average
17994.00	47.17	6.91	54.08	74.00	19.92	vertical	Peak

5) 18 GHz-25 GHz

Note: The maximum output power mode: EDR(8DPSK) Low channel was tested.

Project No.: 2507R30441E-RF
Test Mode: EDR 3DH1 2402MHz
EUT Model: KPP-01SS
Test distance: 1.5m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto

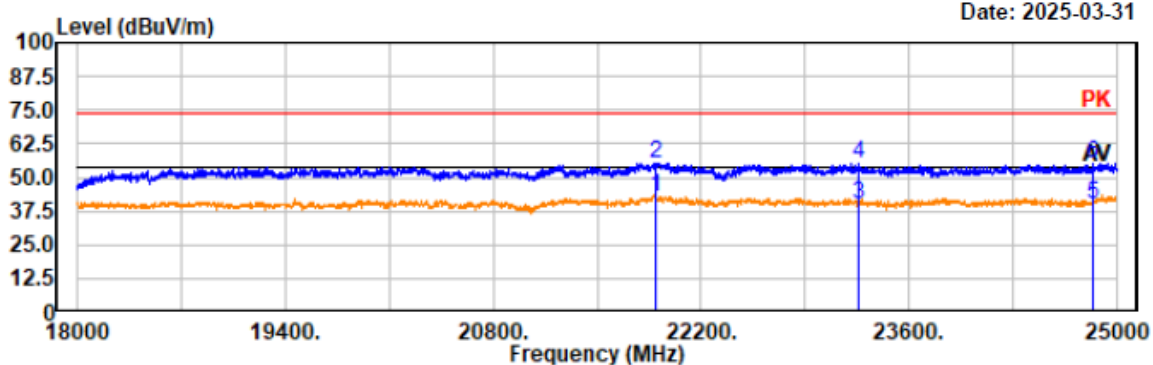
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
21872.00	37.03	5.21	42.24	54.00	11.76	horizontal	Average
21872.00	50.73	5.21	55.94	74.00	18.06	horizontal	Peak
22565.00	35.72	5.07	40.79	54.00	13.21	horizontal	Average
22565.00	50.28	5.07	55.35	74.00	18.65	horizontal	Peak
24905.80	35.63	6.31	41.94	54.00	12.06	horizontal	Average
24905.80	50.21	6.31	56.52	74.00	17.48	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 3DH1 2402MHz
EUT Model: KPP-015S
Test distance: 1.5m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

Date: 2025-03-31



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
21889.60	37.78	5.20	42.98	54.00	11.02	vertical	Average
21889.60	50.26	5.20	55.46	74.00	18.54	vertical	Peak
23255.80	35.28	4.89	40.17	54.00	13.83	vertical	Average
23255.80	50.07	4.89	54.96	74.00	19.04	vertical	Peak
24837.60	33.43	6.30	39.73	54.00	14.27	vertical	Average
24837.60	48.92	6.30	55.22	74.00	18.78	vertical	Peak

Restricted Bands Emissions:

Project No.: 2507R30441E-RF

Test Mode: BDR DH1 2402MHz

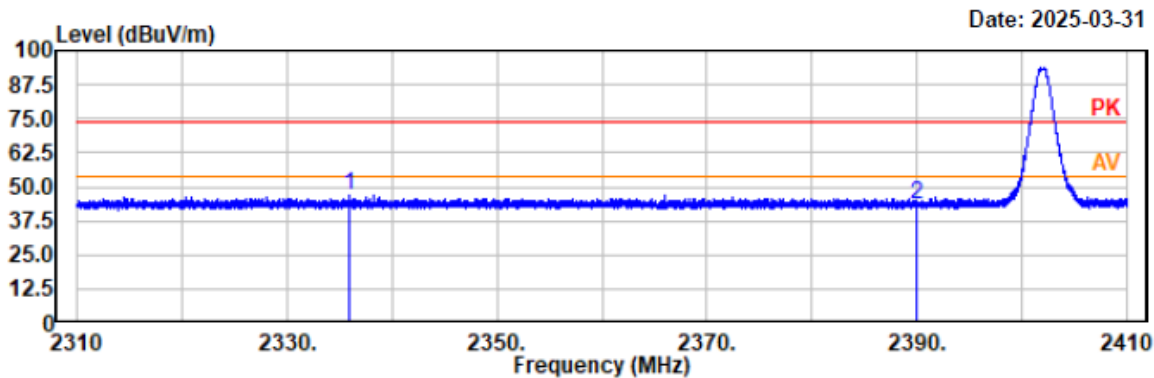
EUT Model: KPP-01SS

Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz

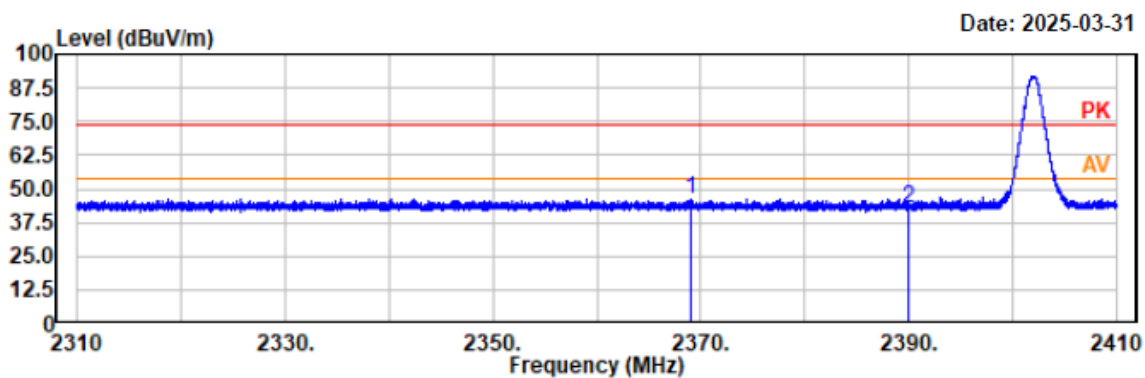


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2335.95	48.22	-1.35	46.87	74.00	27.13	horizontal	Peak
2390.00	44.38	-1.15	43.23	74.00	30.77	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: BDR DH1 2402MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



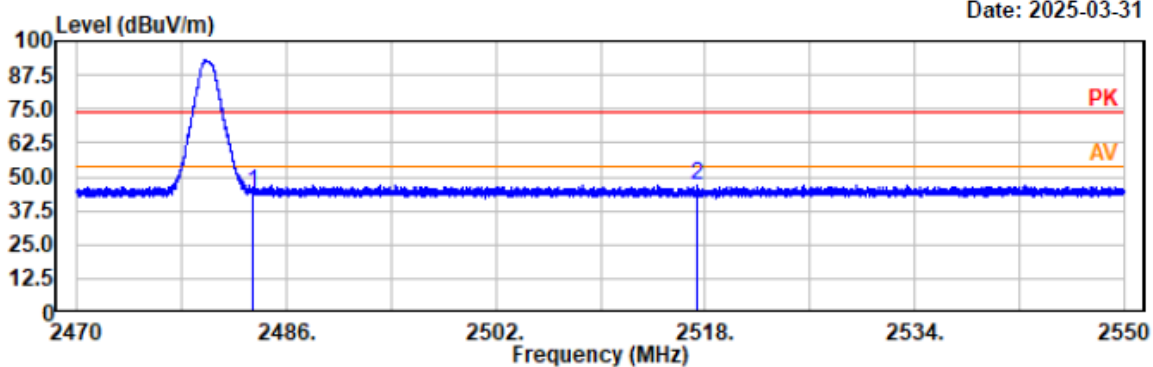
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2368.97	47.68	-1.23	46.45	74.00	27.55	vertical	Peak
2390.00	44.22	-1.15	43.07	74.00	30.93	vertical	Peak

Project No.: 2507R30441E-RF
Test Mode: BDR DH1 2480MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

Date: 2025-03-31

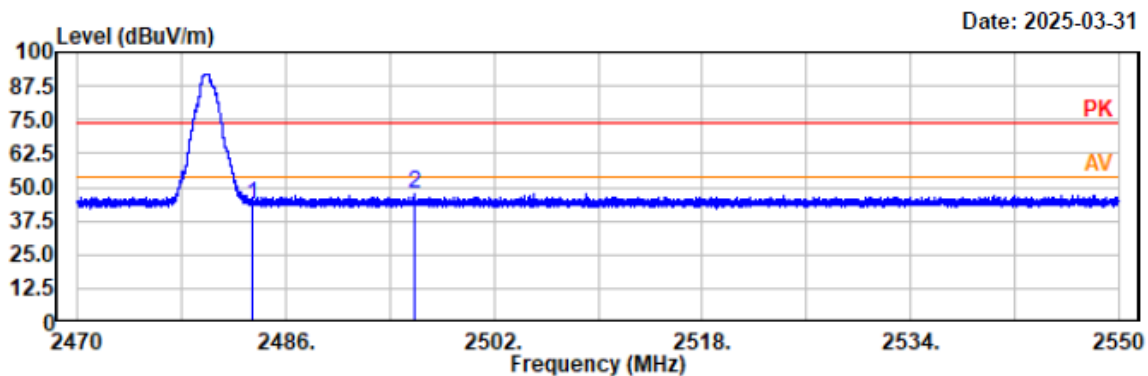


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	44.70	-0.77	43.93	74.00	30.07	horizontal	Peak
2517.31	47.44	-0.67	46.77	74.00	27.23	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: BDR DH1 2480MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	44.10	-0.77	43.33	74.00	30.67	vertical	Peak
2495.90	48.23	-0.72	47.51	74.00	26.49	vertical	Peak

Project No.: 2507R30441E-RF

Test Mode: EDR 2DH1 2402MHz

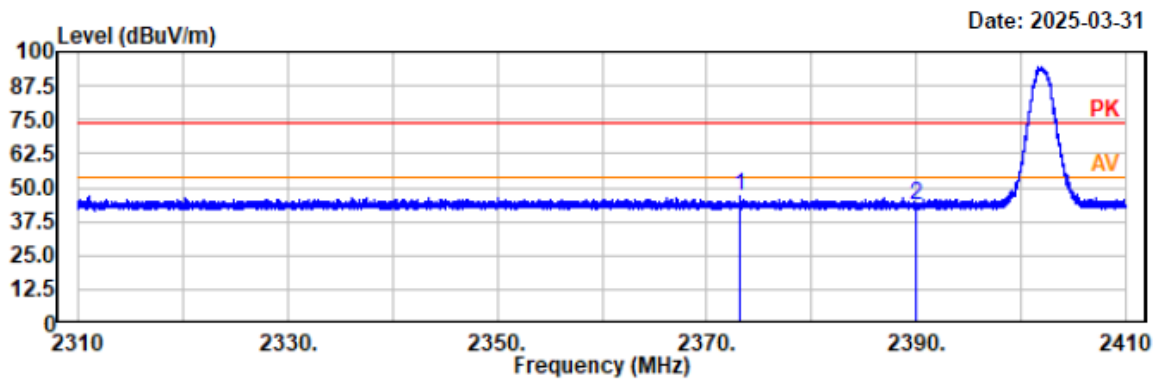
EUT Model: KPP-01SS

Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz

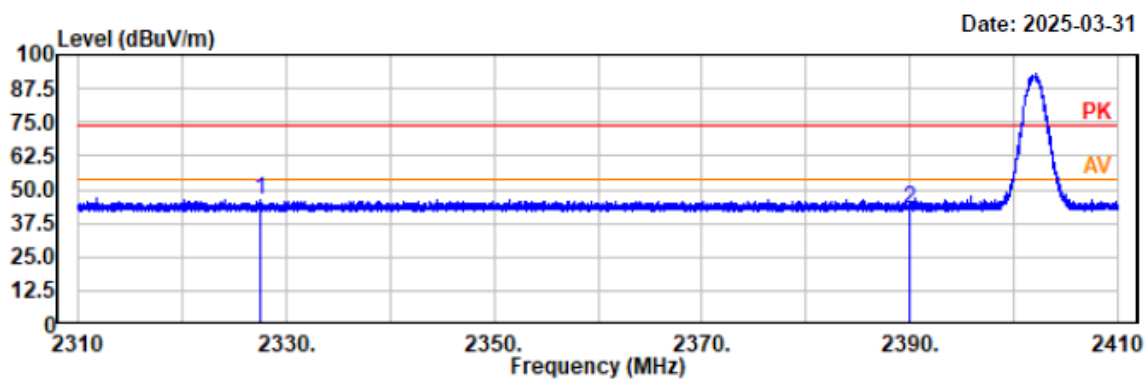


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2373.16	47.99	-1.23	46.76	74.00	27.24	horizontal	Peak
2390.00	44.25	-1.15	43.10	74.00	30.90	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 2DH1 2402MHz
EUT Model: KPP-015S
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

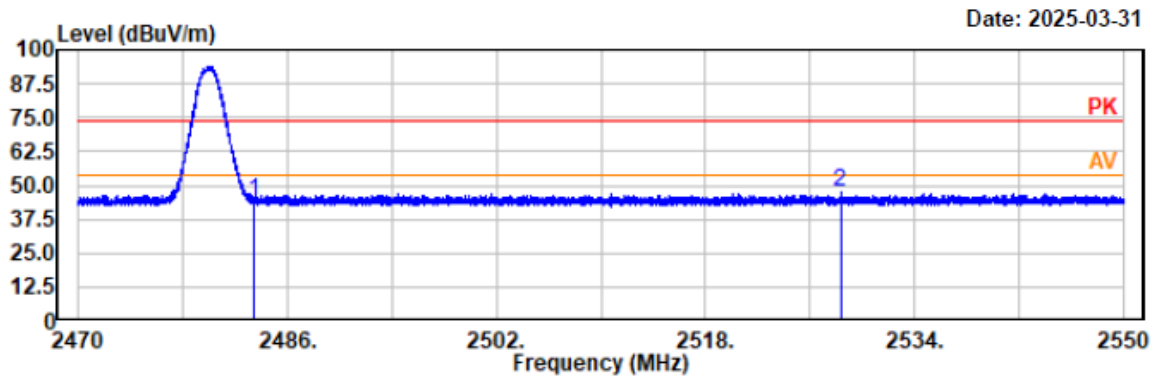


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2327.46	47.56	-1.37	46.19	74.00	27.81	vertical	Peak
2390.00	44.08	-1.15	42.93	74.00	31.07	vertical	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 2DH1 2480MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



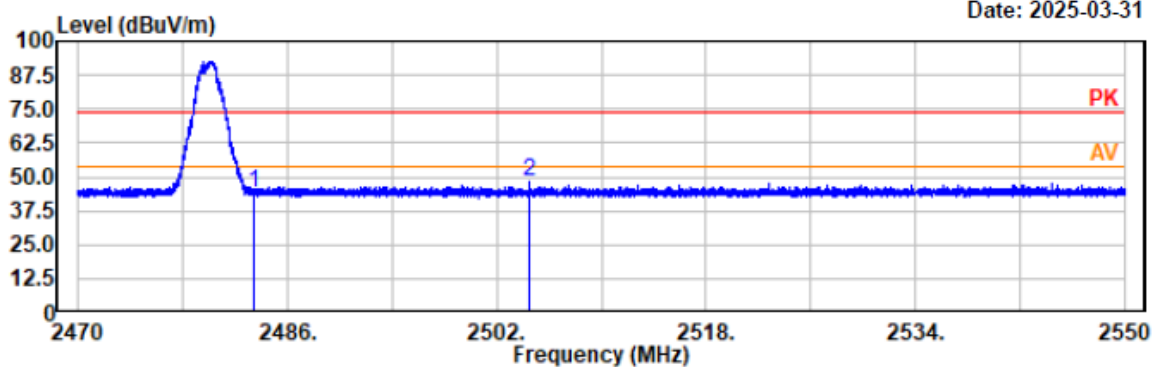
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	45.22	-0.77	44.45	74.00	29.55	horizontal	Peak
2528.34	47.94	-0.64	47.30	74.00	26.70	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 2DH1 2480MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

Date: 2025-03-31

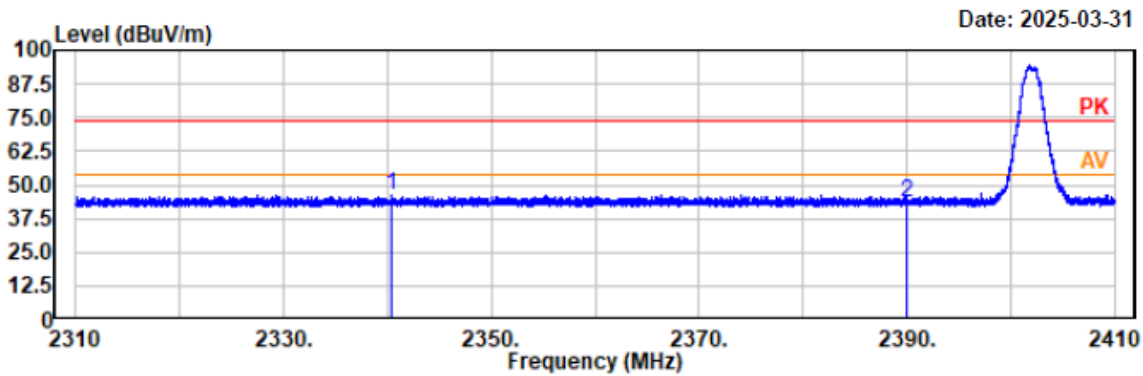


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	44.80	-0.77	44.03	74.00	29.97	vertical	Peak
2504.52	48.75	-0.69	48.06	74.00	25.94	vertical	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 3DH1 2402MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2340.44	47.54	-1.34	46.20	74.00	27.80	horizontal	Peak
2390.00	44.74	-1.15	43.59	74.00	30.41	horizontal	Peak

Project No.: 2507R30441E-RF

Test Mode: EDR 3DH1 2402MHz

EUT Model: KPP-01SS

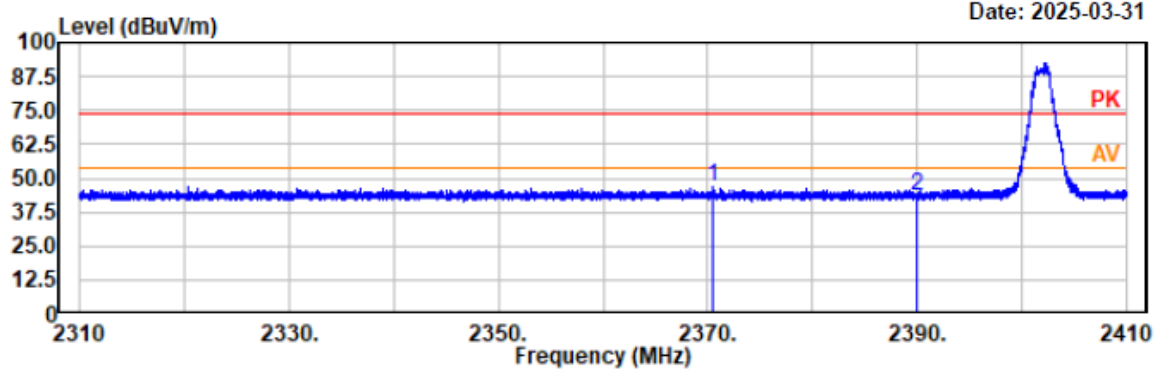
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz

Date: 2025-03-31



Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2370.51	47.90	-1.24	46.66	74.00	27.34	vertical	Peak
2390.00	44.72	-1.15	43.57	74.00	30.43	vertical	Peak

Project No.: 2507R30441E-RF

Test Mode: EDR 3DH1 2480MHz

EUT Model: KPP-01SS

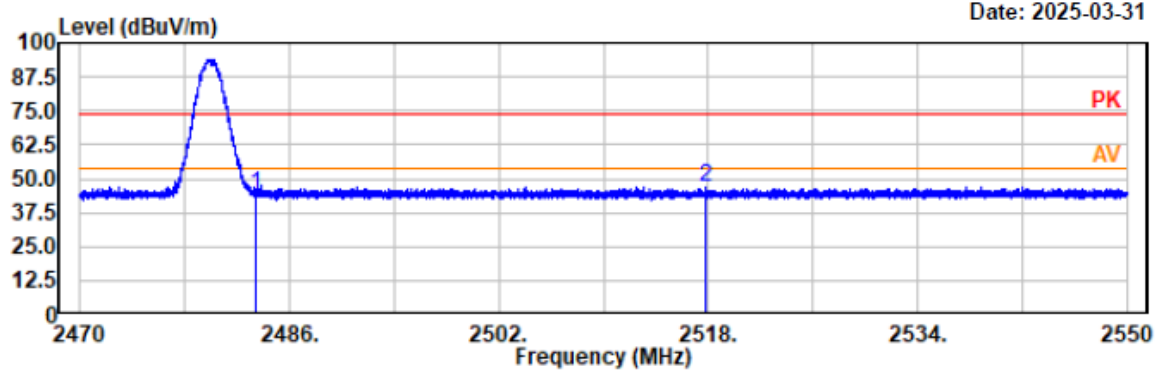
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz

Date: 2025-03-31

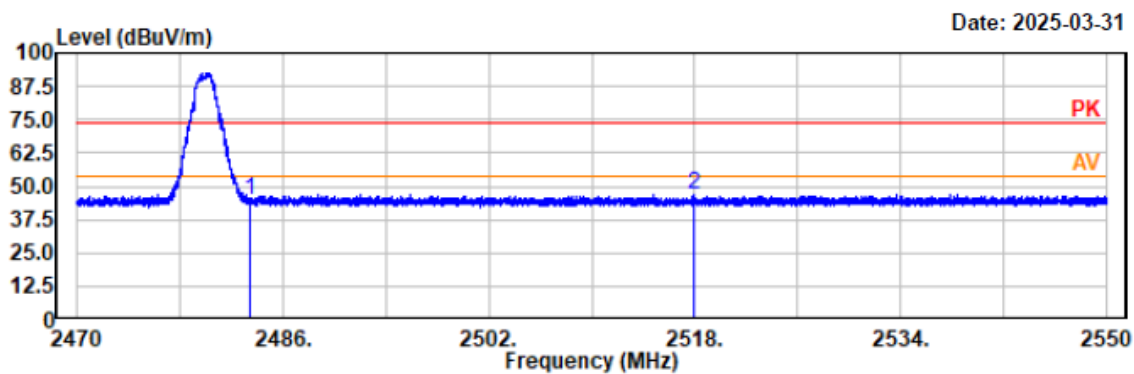


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	45.09	-0.77	44.32	74.00	29.68	horizontal	Peak
2517.78	47.69	-0.66	47.03	74.00	26.97	horizontal	Peak

Project No.: 2507R30441E-RF
Test Mode: EDR 3DH1 2480MHz
EUT Model: KPP-01SS
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



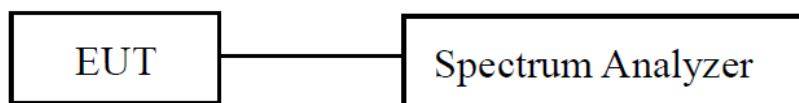
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	45.71	-0.77	44.94	74.00	29.06	vertical	Peak
2517.95	47.51	-0.66	46.85	74.00	27.15	vertical	Peak

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.

EUT Setup**Test Procedure**

According to ANSI C63.10-2013 Section 7.8.2

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

- a. Span: Wide enough to capture the peaks of two adjacent channels.
- b. 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.
- c. Video (or average) bandwidth (VBW) $\geq$ RBW.
- d. Sweep: Auto.
- e. Detector function: Peak.
- f. Trace: Max hold.
- g. Allow the trace to stabilize.

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

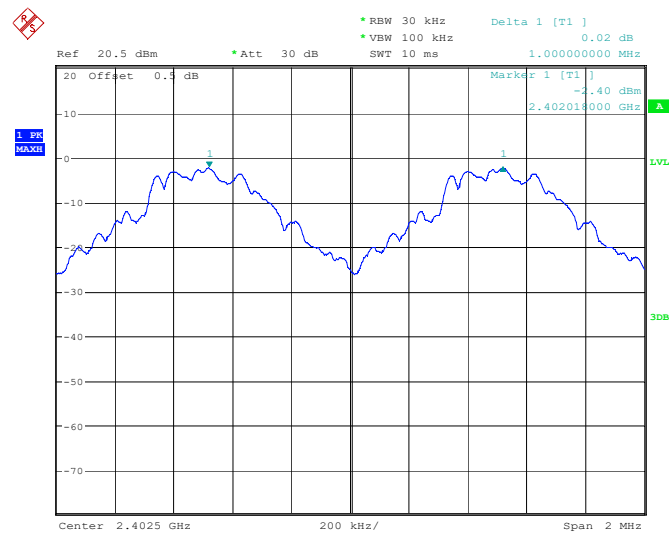
Test Data

Test Mode:		Transmitting		Test Engineer:		Apollo Luo	
Test Date:		2025-03-27		Environment:		Temp.: 22.5°C Humi.: 56% Atm.: 100.1kPa	
Mode	Channel	Frequency (MHz)	Channel Separation (MHz)	Limit (MHz)	Result		
BDR (GFSK)	Low	2402	1	0.866	Pass		
	Middle	2441	0.996	0.866	Pass		
	High	2480	1	0.866	Pass		

Note:

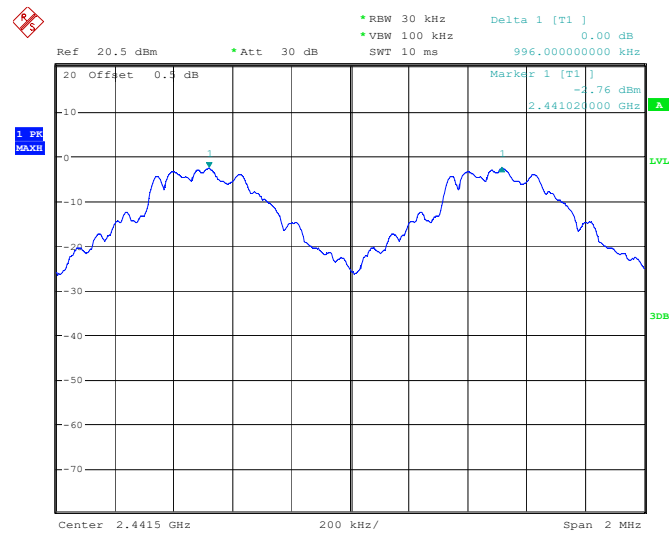
1. Limit = 20 dB bandwidth*2/3
2. Only BDR(GFSK) mode result is reported since EDR($\pi/4$ -DQPSK, 8DPSK) has the same channel plan.

BDR (GFSK): Low Channel



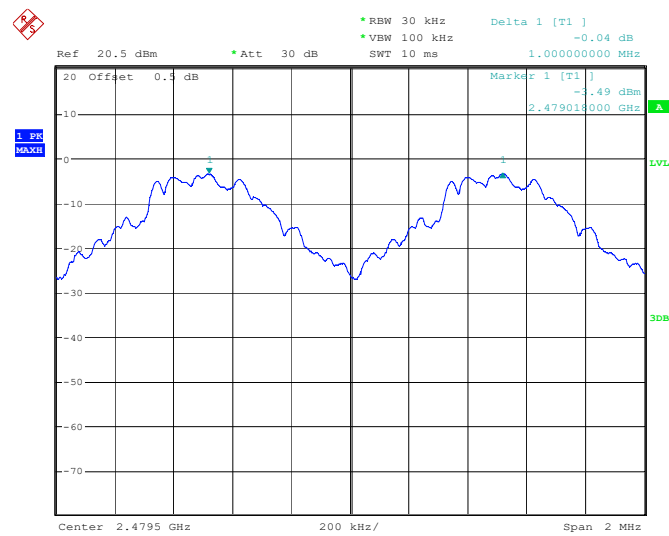
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 10:36:04

BDR (GFSK): Middle Channel



ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 10:38:01

BDR (GFSK): High Channel

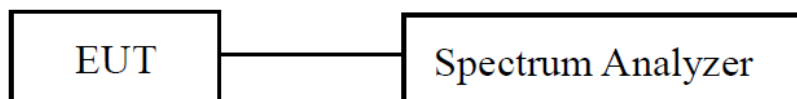


ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 10:39:38

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.

EUT Setup**Test Procedure**

According to ANSI C63.10-2013 Section 6.9.2

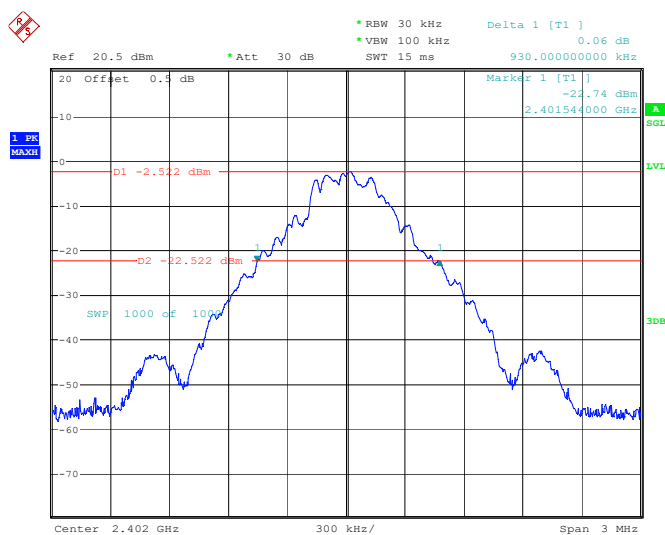
- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the EMI receiver or spectrum analyzer shall be between two times and five times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and video bandwidth (VBW) shall be approximately three times RBW, unless otherwise specified by the applicable requirement.
- c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (\text{OBW/RBW})]$ below the reference level. Specific guidance is given in 4.1.5.2
- d) Steps a) through c) might require iteration to adjust within the specified tolerances.
- e) The dynamic range of the instrument at the selected RBW shall be more than 10 dB below the target “-xx dB down” requirement; that is, if the requirement calls for measuring the -20 dB OBW, the instrument noise floor at the selected RBW shall be at least 30 dB below the reference value.
- f) Set detection mode to peak and trace mode to max hold.
- g) Determine the reference value: Set the EUT to transmit an unmodulated carrier or modulated signal, as applicable. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value).
- h) Determine the “-xx dB down amplitude” using $[(\text{reference value}) - \text{xx}]$. Alternatively, this calculation may be made by using the marker-delta function of the instrument.
- i) If the reference value is determined by an unmodulated carrier, then turn the EUT modulation ON, and either clear the existing trace or start a new trace on the spectrum analyzer and allow the new trace to stabilize. Otherwise, the trace from step g) shall be used for step j).

Test Data

Test Mode:	Transmitting	Test Engineer:	Apollo Luo
Test Date:	2025-03-27	Environment:	Temp.: 22.5°C Humi.: 56% Atm.: 100.1kPa
Mode	Channel	Frequency (MHz)	20 dB Emission Bandwidth (MHz)
BDR (GFSK)	Low	2402	0.93
	Middle	2441	0.927
	High	2480	0.93
EDR ($\pi/4$ -DQPSK)	Low	2402	1.299
	Middle	2441	1.299
	High	2480	1.299
EDR (8DPSK)	Low	2402	1.284
	Middle	2441	1.281
	High	2480	1.281

Please refer to below plots:

BDR (GFSK): Low Channel



ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 08:38:51

Ref 20.5 dBm *Att 30 dB RBW 30 kHz Delta 1 [T1] -0.02 dB
SWT 15 ms 927.00000000 kHz

20 Offset 0.1 dB Marker 1 [T1]
-10 -22.92 dBm
2.440547000 GHz

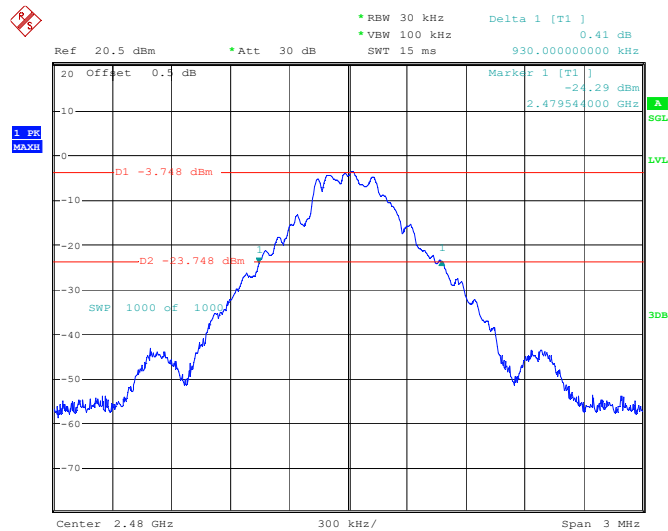
1 PR
MAGN

D1 -29.92 dBm
D2 -22.92 dBm

SWP 1000 of 1000

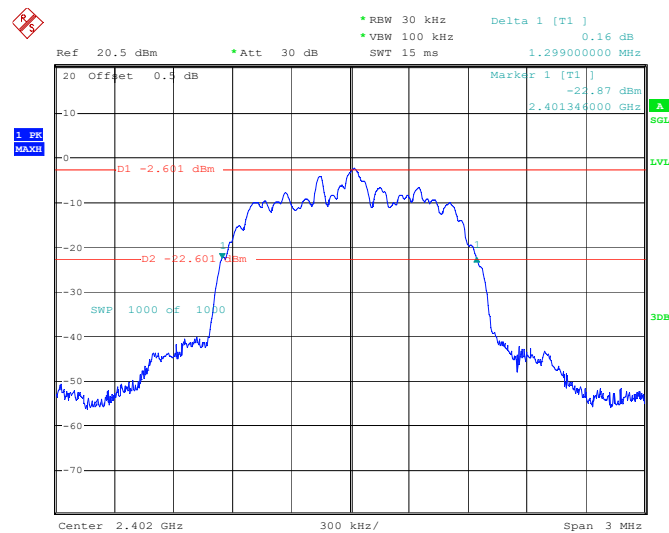
Center 2.441 GHz 300 kHz/ Span 3 MHz

BDR (GFSK): High Channel



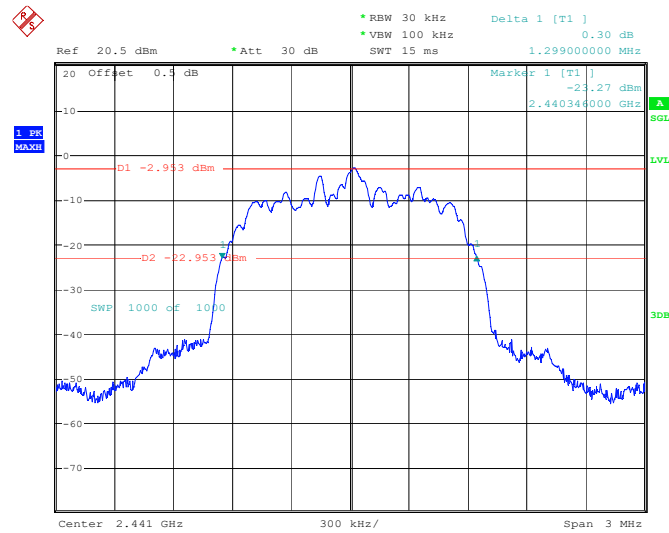
Page 80 of 109

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



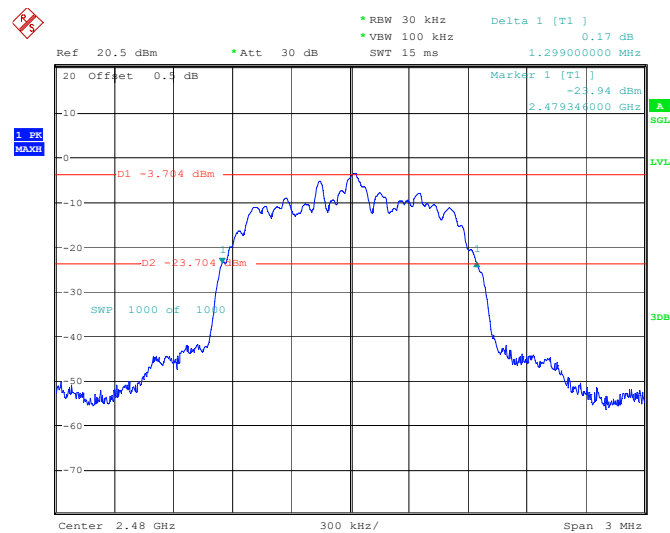
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 08:46:33

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



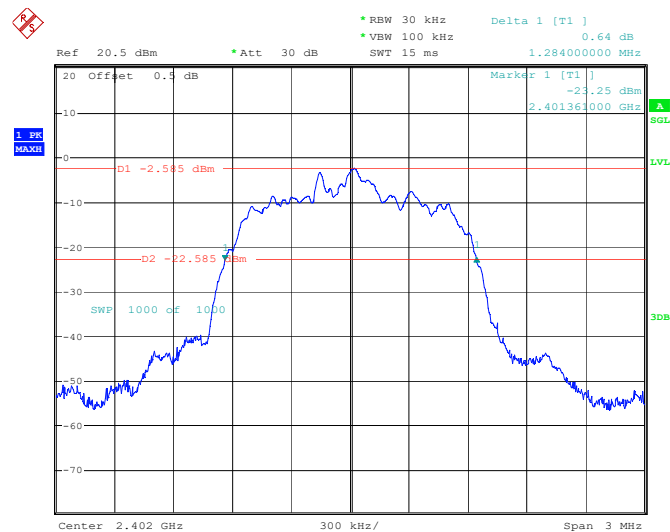
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 08:49:33

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



ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 08:53:51

EDR (8DPSK): Low Channel



ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 08:57:17

Ref 20.5 dBm *Att 30 dB Delta 1 [T1] -0.06 dB
 RBW 30 kHz VBW 100 kHz 1.281000000 MHz
 SWT 15 ms
 20 Offset 0.1 dB Marker 1 [T1]
 -10 -23.27 dBm
 2.440364000 GHz
 1 PR
 MAXH
 D1 -3.01 dBm
 D2 -13.01 dBm
 SWP 1000 of 1000
 Center 2.441 GHz 300 kHz/ Span 3 MHz

The screenshot displays a spectrum analyzer interface. At the top, a red 'X' icon is in the upper left corner. The main display area shows a blue trace of a signal. Two horizontal red lines are drawn across the plot, labeled 'D1 -3.776 dBm' and 'D2 -13.776 dBm'. The signal trace starts at approximately -50 dBm at 2.48 GHz, rises to a peak of about -5 dBm at 2.47936 GHz, and then falls back to approximately -50 dBm at 2.481 GHz. The plot has a grid with major lines every 10 dB and 300 kHz. The x-axis is labeled 'Center 2.48 GHz' and 'Span 3 MHz'. The y-axis is labeled 'Ref 20.5 dBm' and 'Att 30 dB'. The signal is identified as 'SWP 1000 cF 1000'. The marker 'Marker 1 [T1]' is at -24.00 dBm at 2.47936000 GHz. The signal is identified as 'Delta 1 [T1]'.

Ref 20.5 dBm * Att 30 dB Delta 1 [T1] -0.04 dB

SWT 15 ms VBW 100 kHz 1.281000000 Mhz

20 Offset 0.1 dB Marker 1 [T1] -24.00 dBm

1 PR 2.47936000 GHz

MAXH

D1 -3.776 dBm

D2 -13.776 dBm

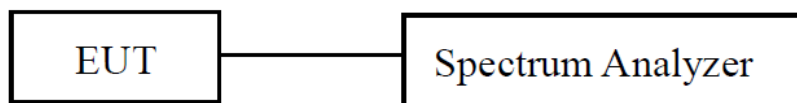
SWP 1000 cF 1000

Center 2.48 GHz 300 kHz/ Span 3 MHz

Page 83 of 109

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.

EUT Setup**Test Procedure**

According to ANSI C63.10-2013 Section 7.8.3

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

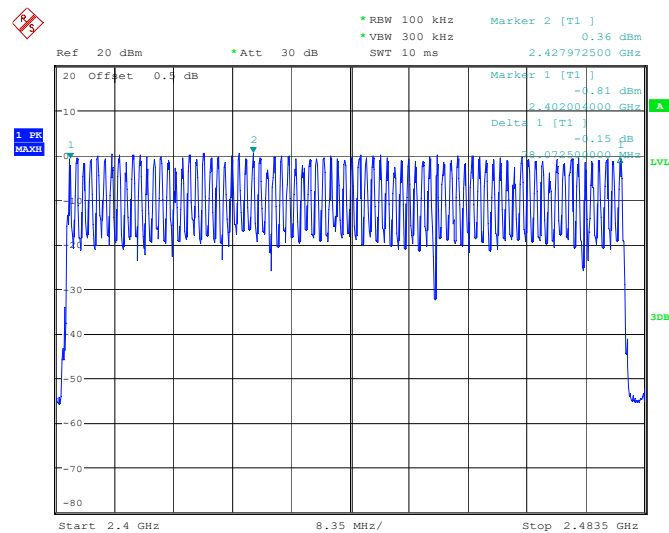
- a) Span: The frequency band of operation. Depending on the number of channels the device supports, it may be necessary to divide the frequency range of operation across multiple spans, to allow the individual channels to be clearly seen.
- b) RBW: To identify clearly the individual channels, set the 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. Compliance of an EUT with the appropriate regulatory limit shall be determined for the number of hopping channels. A plot of the data shall be included in the test report.

Test Data

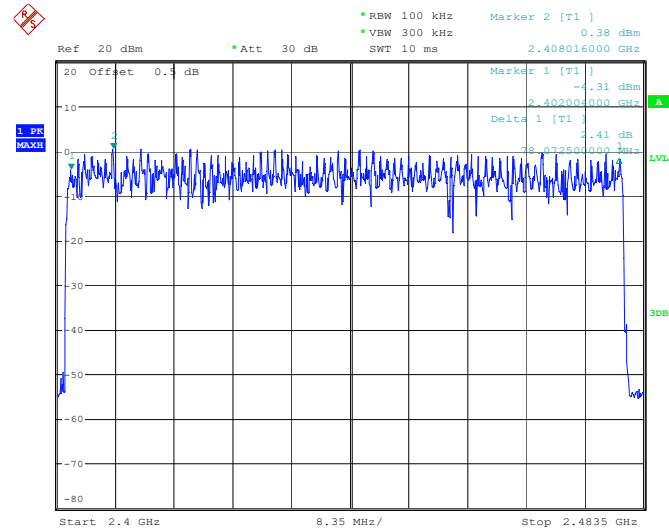
Test Mode:	Transmitting	Test Engineer:	Apollo Luo
Test Date:	2025-03-27	Environment:	Temp.: 22.5°C Humi.: 56% Atm.: 100.1kPa
Mode	Frequency Range (MHz)	Number of Hopping Channel (CH)	Limit (CH)
BDR (GFSK)	2400-2483.5	79	≥15
EDR (π/4-DQPSK)	2400-2483.5	79	≥15
EDR (8DPSK)	2400-2483.5	79	≥15

BDR (GFSK): Number of Hopping Channels



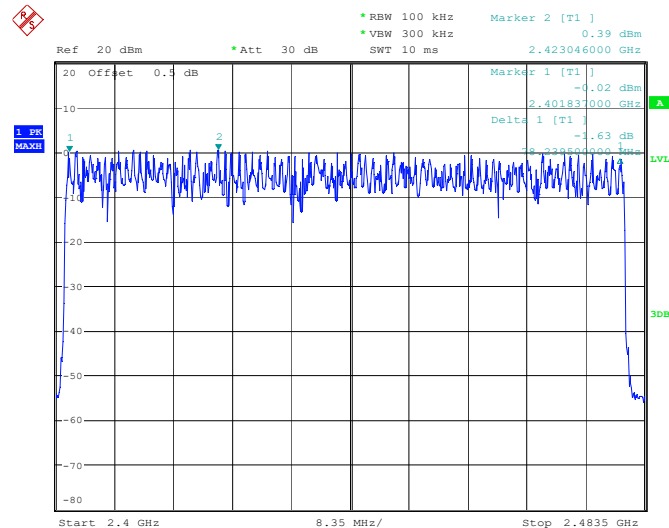
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 10:42:28

EDR ($\pi/4$ -DQPSK): Number of Hopping Channels



ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 10:48:41

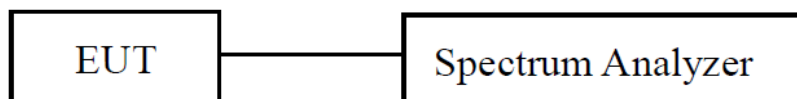
EDR (8DPSK): Number of Hopping Channels



ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 10:49:48

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.

EUT Setup**Test Procedure**

According to ANSI C63.10-2013 Section 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 $\gg 1 / T$, 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.

Use the marker-delta function to determine the transmit time per hop. If this value varies with different modes of operation (data rate, modulation format, number of hopping channels, etc.), then repeat this test for each variation in transmit time.

Repeat the measurement using a longer sweep time to determine the number of hops over the period specified in the requirements. The sweep time shall be equal to, or less than, the period specified in the requirements. Determine the number of hops over the sweep time and calculate the total number of hops in the period specified in the requirements, using the following equation:

$$(\text{Number of hops in the period specified in the requirements}) = (\text{number of hops on spectrum analyzer}) \times (\text{period specified in the requirements} / \text{analyzer sweep time})$$

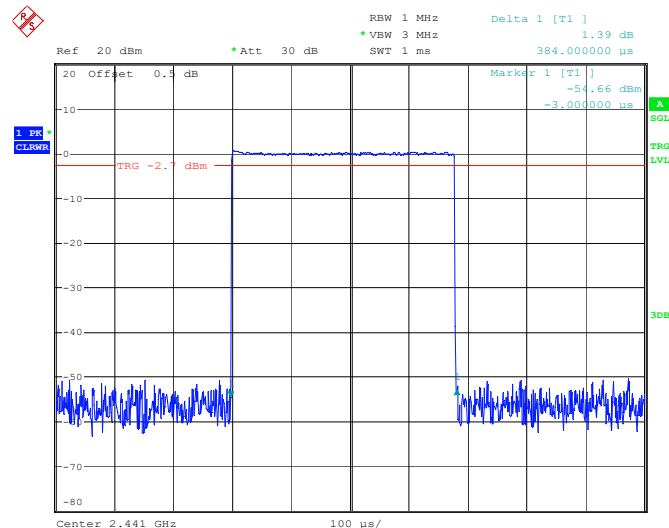
The average time of occupancy is calculated from the transmit time per hop multiplied by the number of hops in the period specified in the requirements. If the number of hops in a specific time varies with different modes of operation (data rate, modulation format, number of hopping channels, etc.), then repeat this test for each variation.

The measured transmit time and time between hops shall be consistent with the values described in the operational description for the EUT.

Test Data

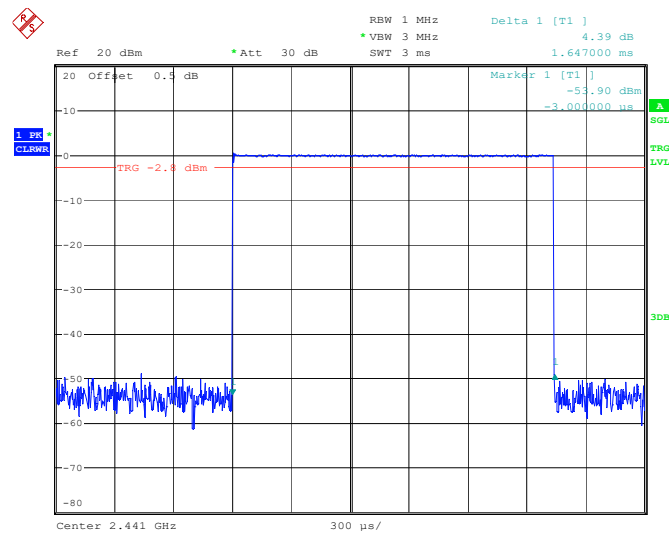
Test Mode:		Transmitting		Test Engineer:		Apollo Luo	
Test Date:		2025-03-27		Environment:		Temp.: 22.5℃ Humi.: 56% Atm.: 100.1kPa	
Mode		Channel	Pulse Width (ms)	Dwell Time (s)	Limit (s)	Result	
BDR (GFSK)	DH1	Hopping	0.384	0.123	0.400	Pass	
	DH3	Hopping	1.647	0.264	0.400	Pass	
	DH5	Hopping	2.920	0.311	0.400	Pass	
EDR (π/4-DQPSK)	2DH1	Hopping	0.398	0.127	0.400	Pass	
	2DH3	Hopping	1.659	0.265	0.400	Pass	
	2DH5	Hopping	2.925	0.312	0.400	Pass	
EDR (8DPSK)	3DH1	Hopping	0.399	0.128	0.400	Pass	
	3DH3	Hopping	1.656	0.265	0.400	Pass	
	3DH5	Hopping	2.930	0.313	0.400	Pass	
Note: DH1, 2DH1, 3DH1:Dwell time=Pulse time (ms) × (1600/2/79) ×31.6 s DH3, 2DH3, 3DH3:Dwell time=Pulse time (ms) × (1600/4/79) ×31.6 s DH5, 2DH5, 3DH5:Dwell time=Pulse time (ms) × (1600/6/79) ×31.6 s							

BDR (GFSK): Pulse time, Middle Channel, DH1



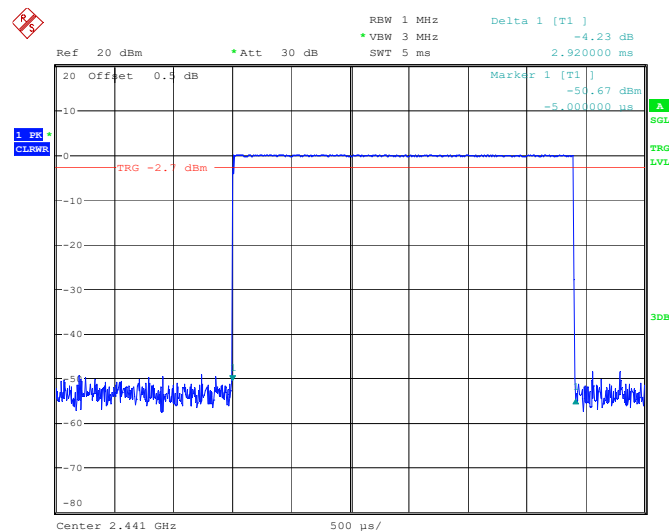
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 10:51:33

BDR (GFSK): Pulse time, Middle Channel, DH3

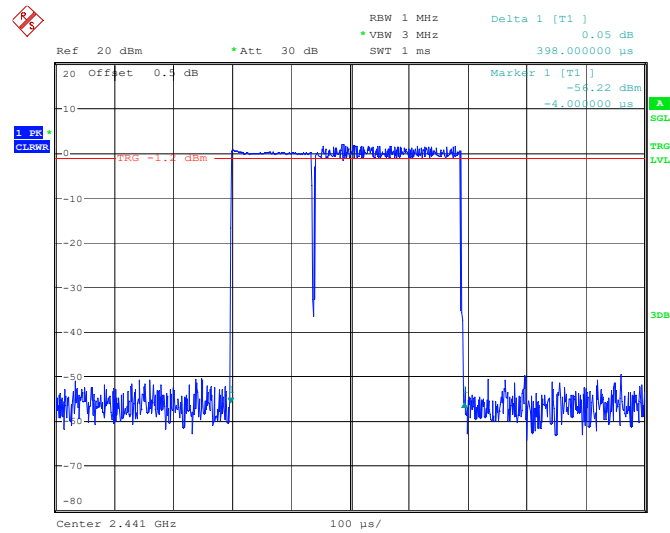


ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 10:52:21

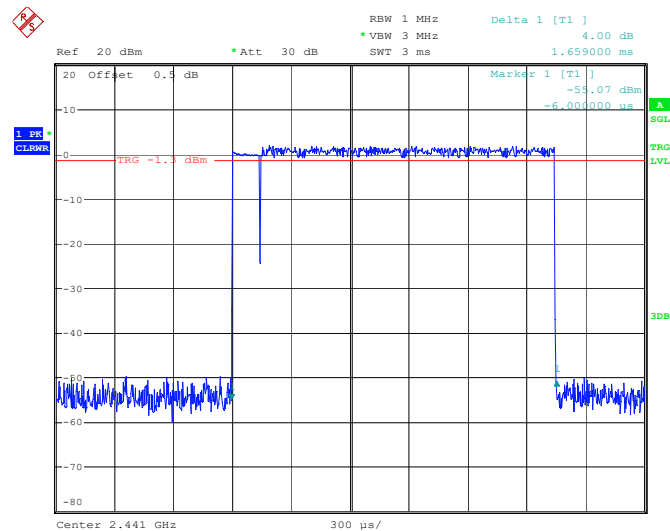
BDR (GFSK): Pulse time, Middle Channel, DH5



ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 10:53:06

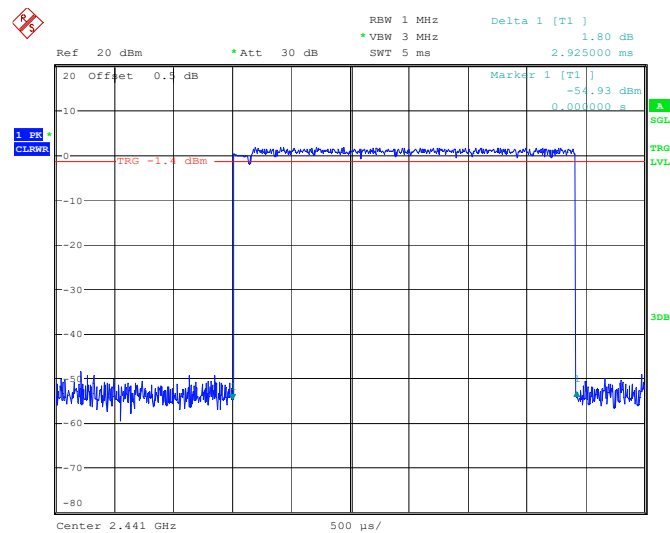
EDR ($\pi/4$ -DQPSK): Pulse time, Middle Channel, 2DH1

ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 10:55:30

EDR ($\pi/4$ -DQPSK):Pulse time, Middle Channel, 2DH3

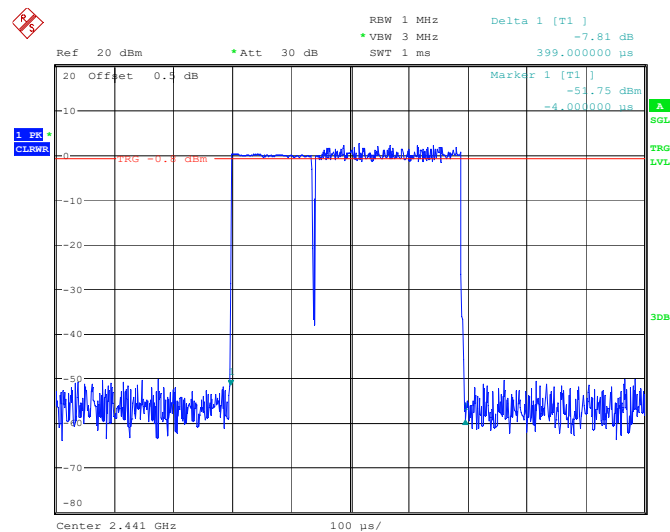
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 10:56:03

EDR ($\pi/4$ -DQPSK):Pulse time, Middle Channel, 2DH5

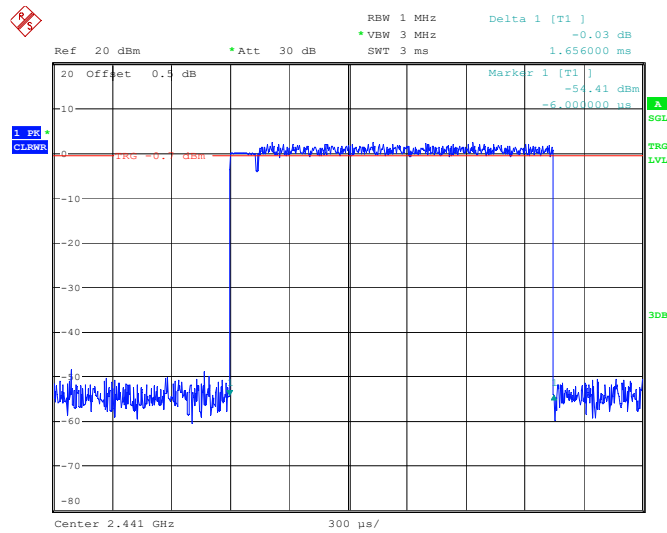


ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 10:56:33

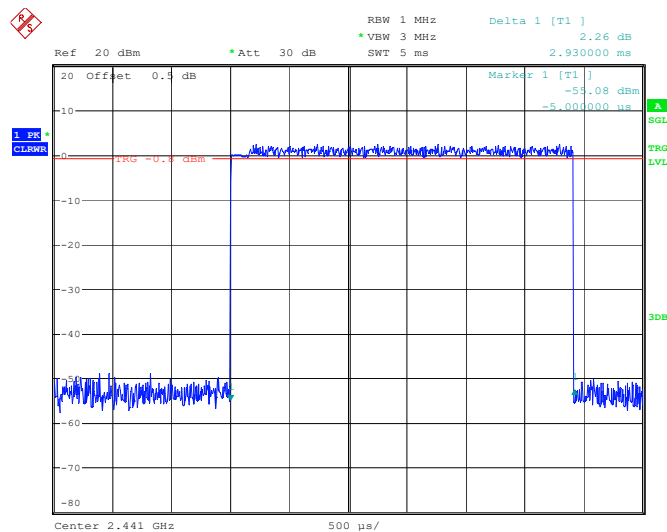
EDR (8DPSK): Pulse time, Middle Channel, 3DH1



ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 10:57:02

EDR (8DPSK): Pulse time, Middle Channel, 3DH3

ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 10:57:41

EDR (8DPSK): Pulse time, Middle Channel, 3DH5

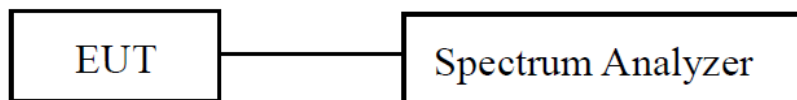
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 10:58:10

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.

EUT Setup



Test Procedure

According to ANSI C63.10-2013 Section 7.8.5

This is an RF-conducted test to evaluate maximum peak output power. Use a direct connection between the antenna port of the unlicensed wireless device and the spectrum analyzer, through suitable attenuation, Offset the Insertion loss of the RF cable, DC Block/ Attenuator into the spectrum analyzer.

The hopping shall be disabled for this test:

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.

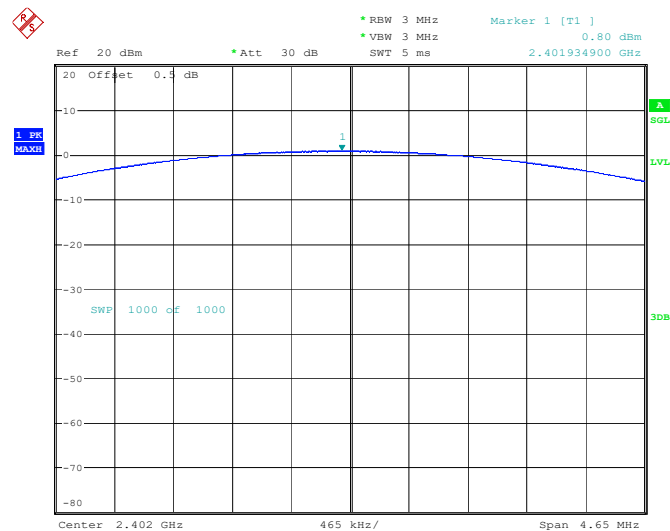
NOTE—A peak responding power meter may be used, where the power meter and sensor system video bandwidth is greater than the occupied bandwidth of the unlicensed wireless device, rather than a spectrum analyzer.

Test Data

Test Mode:	Transmitting	Test Engineer:	Apollo Luo
Test Date:	2025-03-27	Environment:	Temp.: 22.5°C Humi.: 56% Atm.: 100.1kPa
Mode	Frequency (MHz)	Peak Conducted Output Power (dBm)	Limit (dBm)
BDR (GFSK)	2402	0.8	21
	2441	0.4	21
	2480	-0.43	21
EDR (π/4-DQPSK)	2402	2.83	21
	2441	2.49	21
	2480	1.69	21
EDR (8DPSK)	2402	3.27	21
	2441	2.9	21
	2480	2.09	21

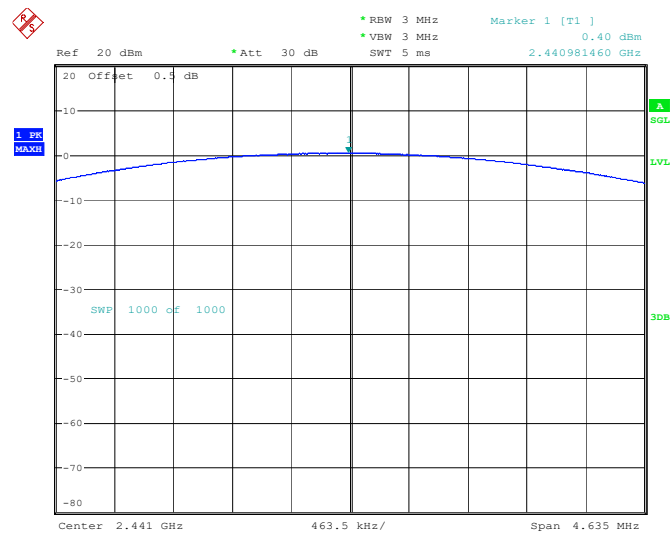
Please refet to below plots:

BDR (GFSK): 2402MHz



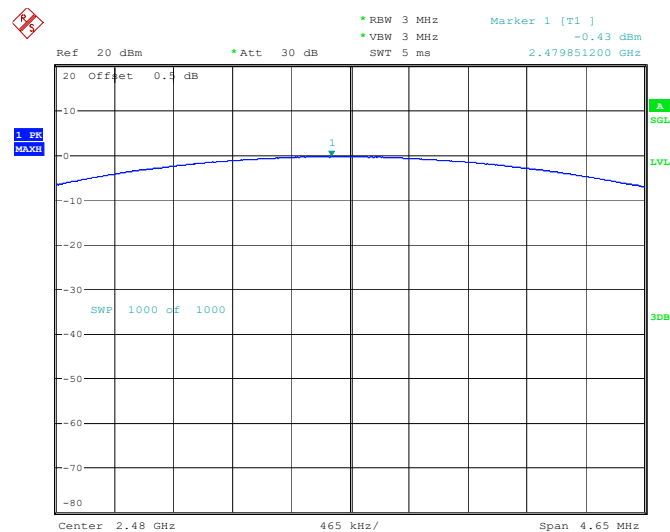
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 08:40:20

BDR (GFSK): 2441MHz



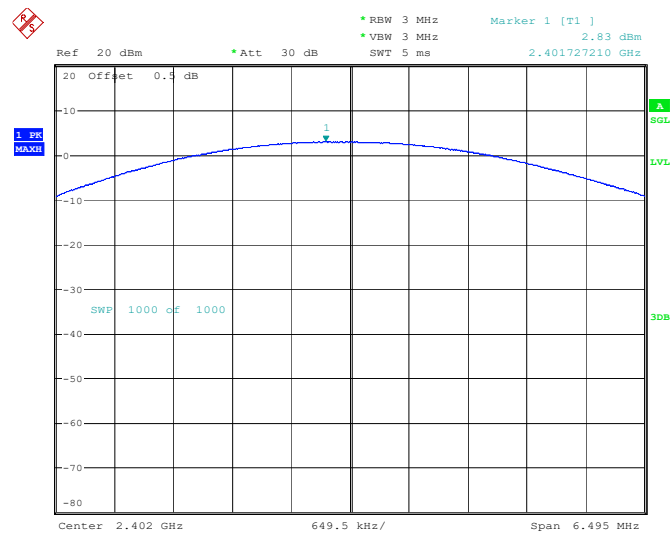
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 08:42:48

BDR (GFSK): 2480MHz



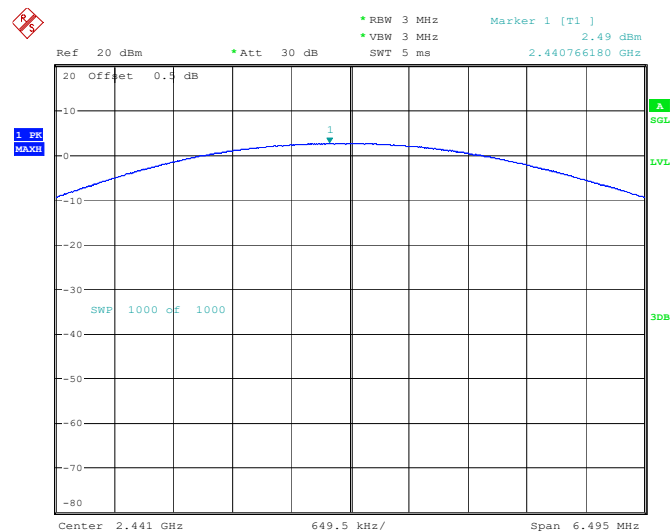
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 08:45:15

EDR($\pi/4$ -DQPSK): 2402MHz



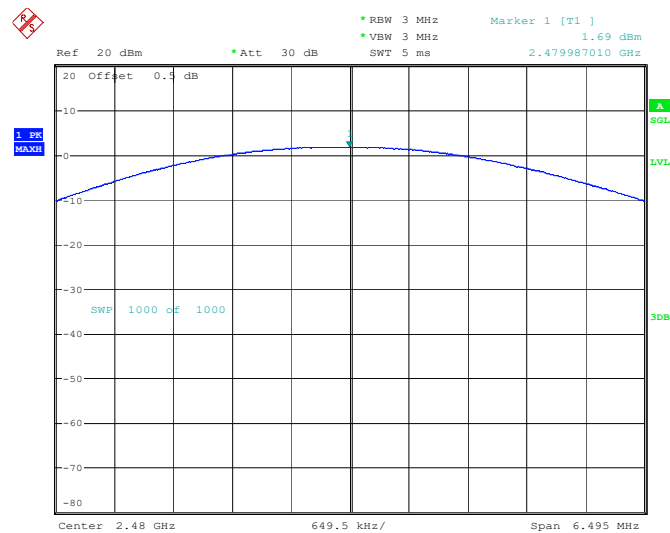
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 08:48:18

EDR($\pi/4$ -DQPSK): 2441MHz



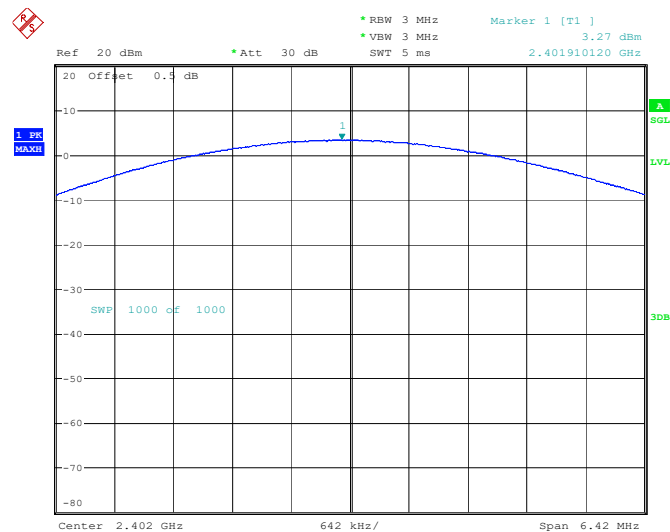
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 08:52:56

EDR($\pi/4$ -DQPSK): 2480MHz



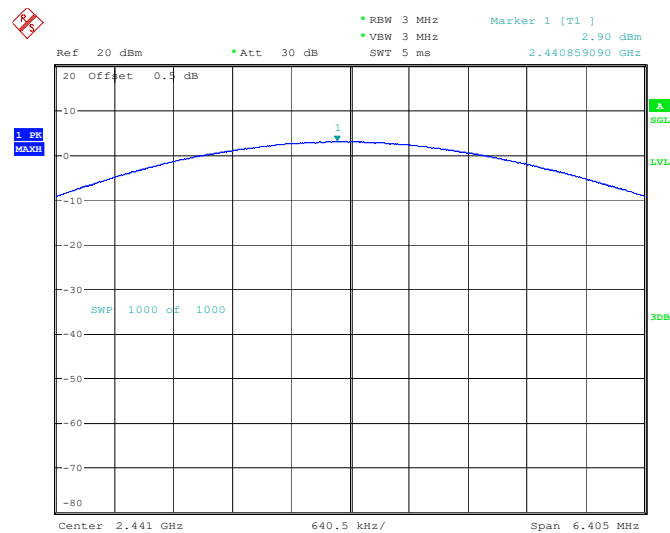
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 08:56:14

EDR(8DPSK): 2402MHz



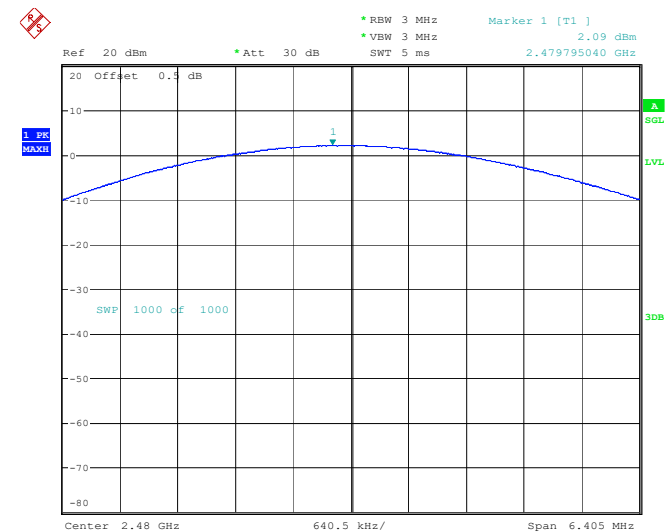
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 08:59:17

EDR(8DPSK): 2441MHz



ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 09:01:36

EDR(8DPSK): 2480MHz



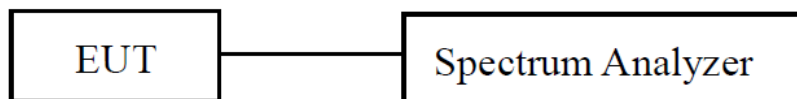
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 09:03:57

FCC §15.247(d) - BAND EDGES TESTING

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)).

EUT Setup



Test Procedure

According to ANSI C63.10-2013 Section 7.8.6

For band-edge measurements, use the band-edge procedure in 6.10. Band-edge measurements shall be tested both on single channels, and with the EUT hopping.

- a) Set the center frequency and span to encompass frequency range to be measured.
- b) Set the RBW = 100 kHz.
- c) Set the VBW $\geq [3 \times \text{RBW}]$.
- d) Detector = peak.
- e) Sweep time = auto couple.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use the peak marker function to determine the maximum amplitude level.

Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements. Report the three highest emissions relative to the limit.

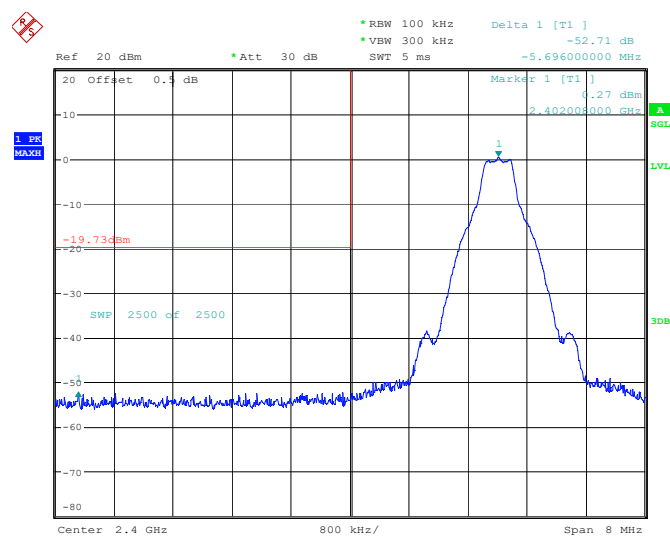
Test Data

Test Mode:	Transmitting	Test Engineer:	Apollo Luo
Test Date:	2025-03-27	Environment:	Temp.: 22.5°C Humi.: 56% Atm.: 100.1kPa

Please refer to the below plots:

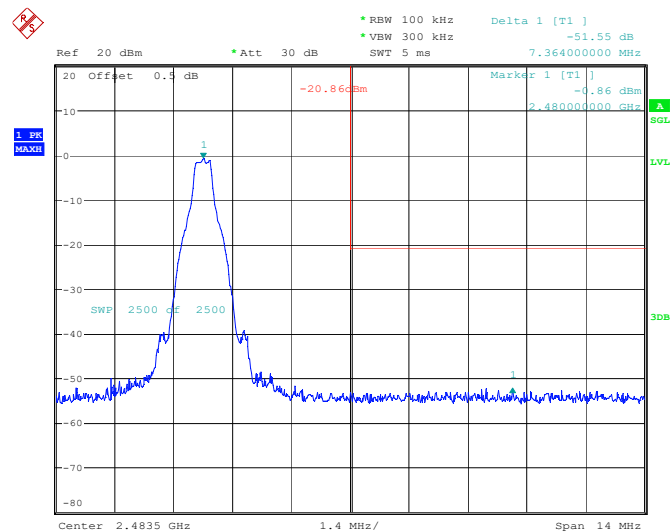
Band Edge

BDR (GFSK): Left Side



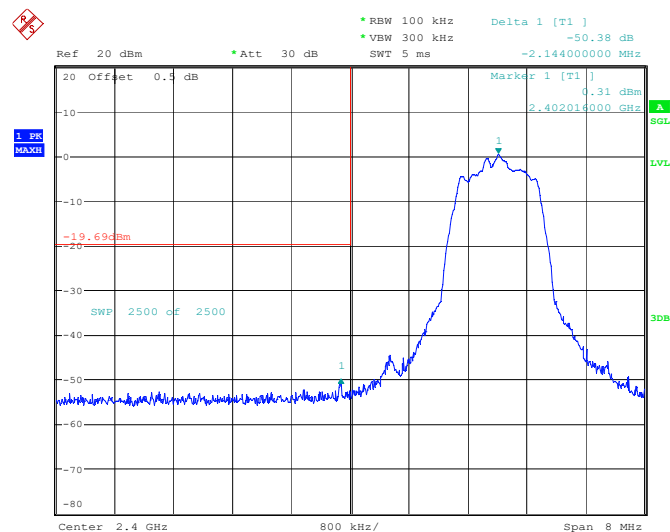
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 09:09:47

BDR (GFSK): Right Side



ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 09:11:58

EDR ($\pi/4$ -DQPSK): Left Side



ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 09:17:54

Ref 20 dBm
 Att 30 dB
 RBW 100 kHz
 VBW 300 kHz
 SWT 5 ms
 Delta 1 [T1]
 -51.14 dB
 5.50200000 MHz

20 Offset 0.5 dB
 -20.90 dBm
 Marker 1 [T1]
 -0.90 dBm
 2.480014000 GHz

1 PK
 MAXH

SWP 2500 Hz
 2500 Hz

Center 2.4835 GHz
 1.4 MHz/
 Span 14 MHz

1 PR
MAXH

Ref 20 dBm Att 30 dB RBW 100 kHz VBW 300 kHz SWT 5 ms Delta 1 [T1] -52.53 dB -2.048000000 MHz

20 Offset 0.5 dB

Marker 1 [T1] 0.30 dBm 2.402008000 GHz

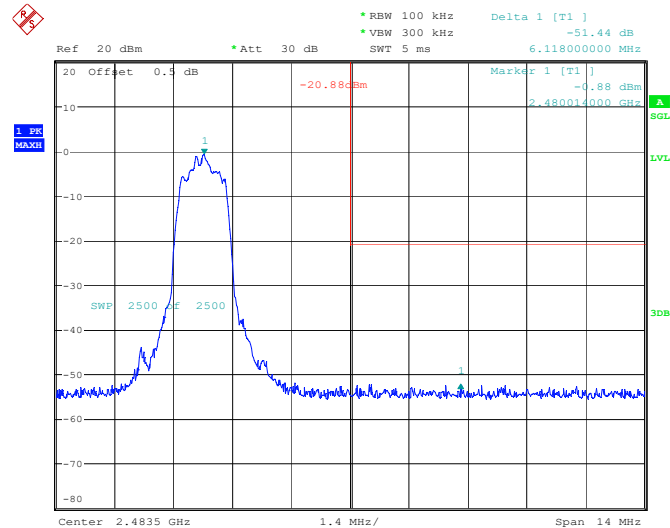
-19.70 dBm

SWF 2500 of 2500

Center 2.4 GHz 800 kHz/ Span 8 MHz

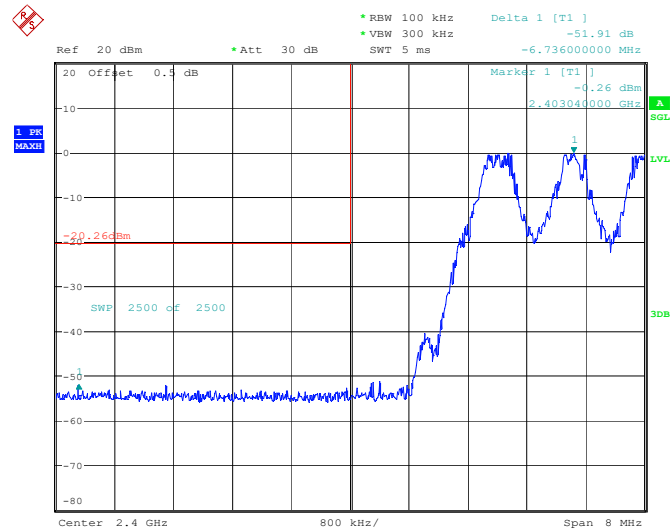
Page 102 of 109

EDR (8DPSK): Right Side



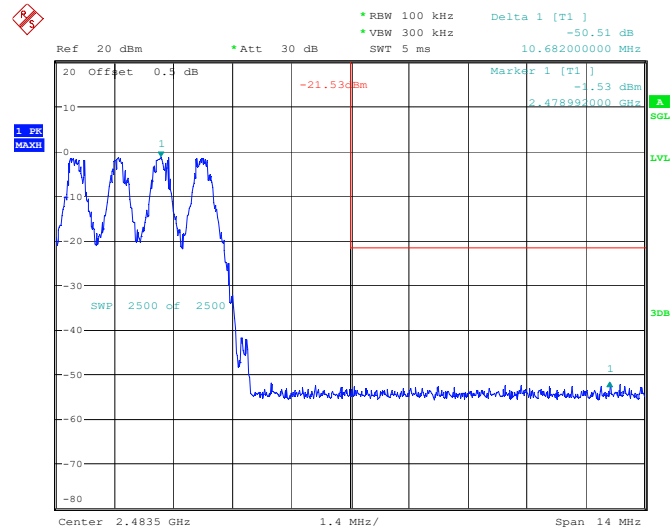
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 09:28:20

BDR (GFSK): Left Side - Hopping



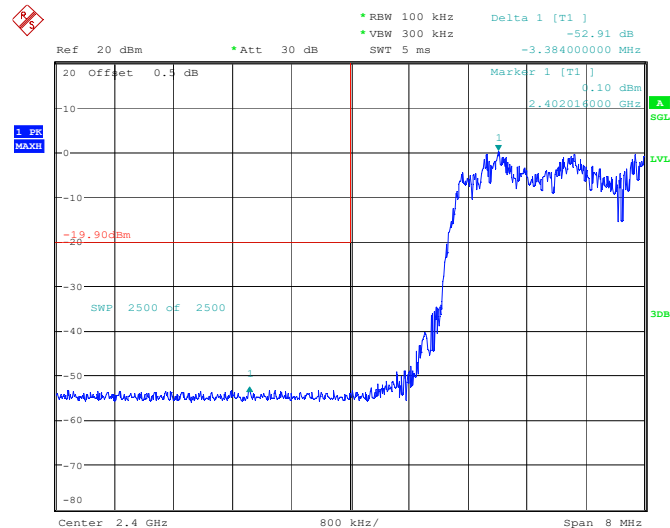
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 09:05:59

BDR (GFSK): Right Side - Hopping



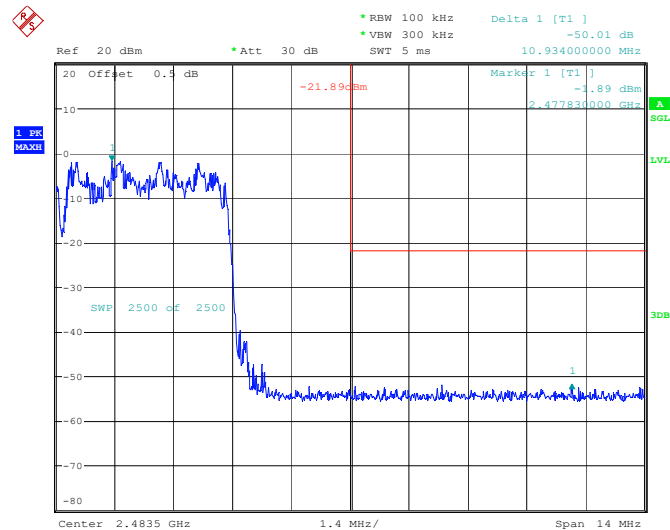
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 09:08:05

EDR ($\pi/4$ -DQPSK): Left Side - Hopping



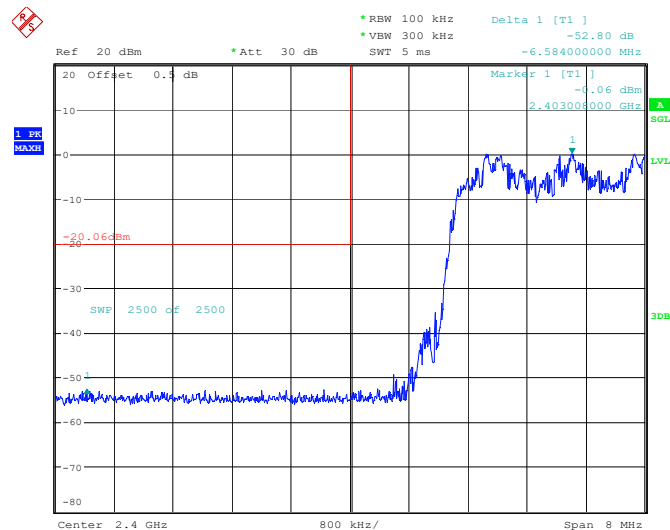
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 09:13:53

EDR ($\pi/4$ -DQPSK): Right Side - Hopping



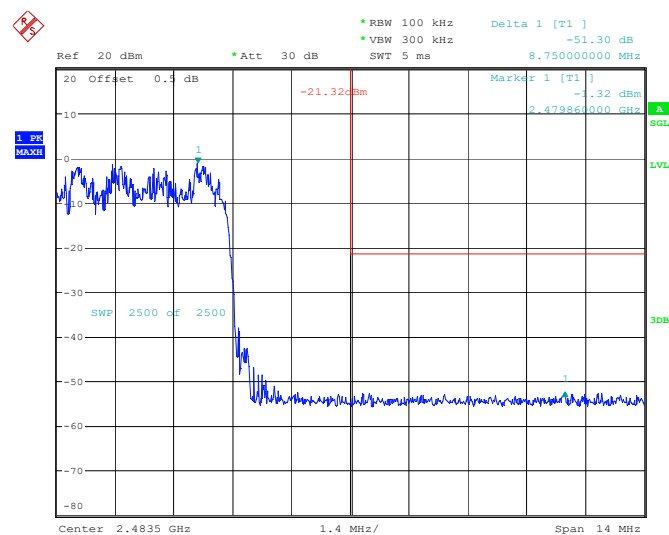
ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 09:16:12

EDR (8DPSK): Left Side - Hopping



ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 09:22:08

EDR (8DPSK): Right Side - Hopping



ProjectNo.:2507R30441E-RF Tester:Apollo Luo
Date: 27.MAR.2025 09:24:19

EUT PHOTOGRAPHS

Please refer to the attachment 2507R30441E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2507R30441E-RF-INP EUT INTERNAL PHOTOGRAPHS.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2507R30441E-RF-TSP TEST SETUP PHOTOGRAPHS.

Declarations

1. Bay Area Compliance Laboratories Corp. (Xiamen) is not responsible for authenticity of any information provided by the applicant. Information from the applicant that may affect test results are marked with an asterisk “★”.
2. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested.
3. Unless required by the rule provided by the applicant or product regulations, then decision rule in this report did not consider the uncertainty.
4. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor $k=2$ with the 95% confidence interval.
5. This report cannot be reproduced except in full, without prior written approval of Bay Area Compliance Laboratories Corp. (Xiamen).
6. This report is valid only with a valid digital signature. The digital signature may be available only under the adobe software above version 7.0.

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