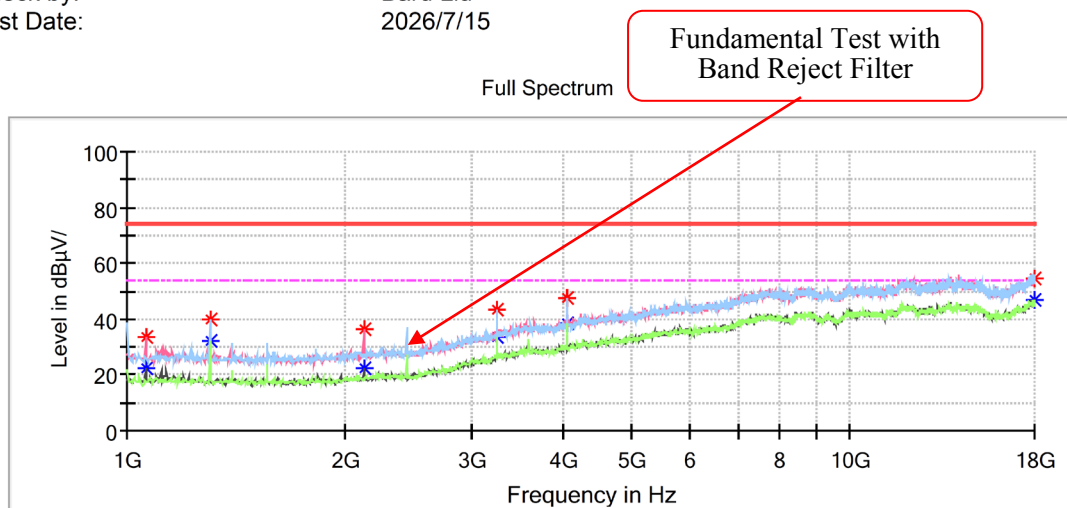


Middle Channel: 2441 MHz**Common Information**

Project No.:	RKSA260622001
EUT Model:	SRP2504A
Test Mode:	Transmitting in BT_3DH5 mode Middle channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	24.6℃
Humidity:	47%
Atmospheric Pressure:	100.6kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/7/15

**Critical Freqs**

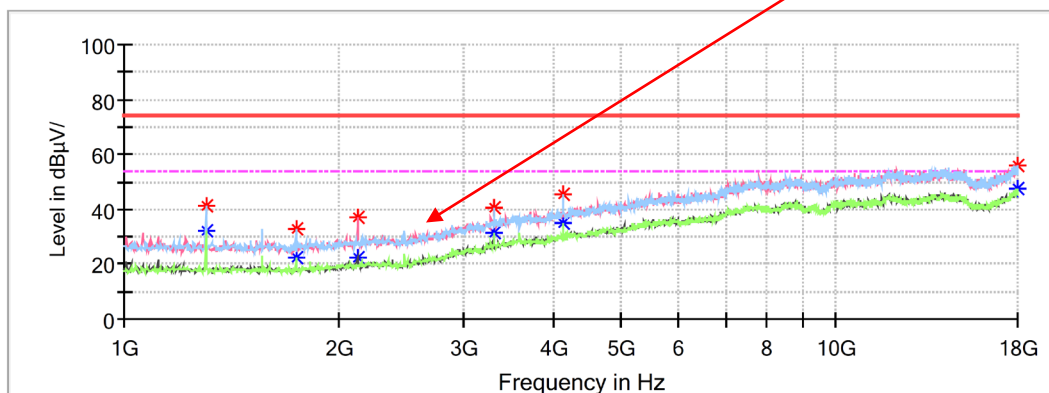
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1061.200000	33.23	---	74.00	40.77	V	-15.9
1061.200000	---	22.59	54.00	31.41	V	-15.9
1302.600000	39.80	---	74.00	34.20	H	-14.9
1302.600000	---	32.13	54.00	21.87	H	-14.9
2125.400000	36.44	---	74.00	37.56	V	-11.3
2125.400000	---	22.54	54.00	31.46	V	-11.3
3254.200000	43.47	---	74.00	30.53	H	-7.3
3254.200000	---	33.42	54.00	20.58	H	-7.3
4066.800000	47.59	---	74.00	26.41	H	-4.9
4066.800000	---	38.57	54.00	15.43	H	-4.9
17996.600000	54.70	---	74.00	19.30	H	13.8
17996.600000	---	47.12	54.00	6.88	H	13.8

High Channel: 2480 MHz**Common Information**

Project No.: RKSA260622001
EUT Model: SRP2504A
Test Mode: Transmitting in BT_3DH5 mode High channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6℃
Humidity: 47%
Atmospheric Pressure: 100.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/7/15

Fundamental Test with
Band Reject Filter

Full Spectrum

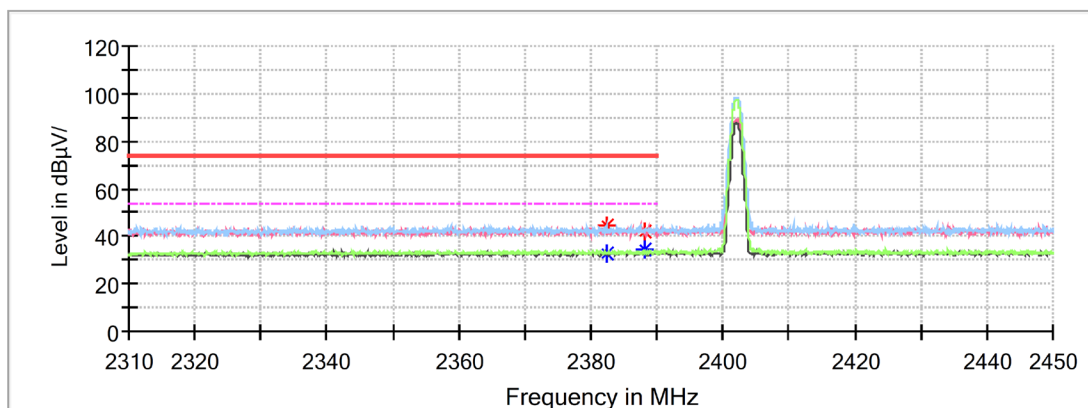
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1302.600000	---	32.46	54.00	21.54	H	-14.9
1302.600000	41.34	---	74.00	32.66	H	-14.9
1744.600000	---	22.55	54.00	31.45	H	-12.9
1744.600000	32.91	---	74.00	41.09	H	-12.9
2128.800000	---	22.06	54.00	31.94	V	-11.3
2128.800000	36.80	---	74.00	37.20	V	-11.3
3305.200000	---	31.43	54.00	22.57	H	-7.1
3305.200000	40.54	---	74.00	33.46	H	-7.1
4131.400000	---	34.77	54.00	19.23	H	-4.8
4131.400000	45.20	---	74.00	28.80	H	-4.8
17979.600000	55.61	---	74.00	18.39	H	13.7
17979.600000	---	47.39	54.00	6.61	H	13.7

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

Project No.:	RKSA260622001
EUT Model:	SRP2504A
Test Mode:	Transmitting in BT_1DH5 mode Low channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	24.6℃
Humidity:	47%
Atmospheric Pressure:	100.6kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/7/15

Full Spectrum

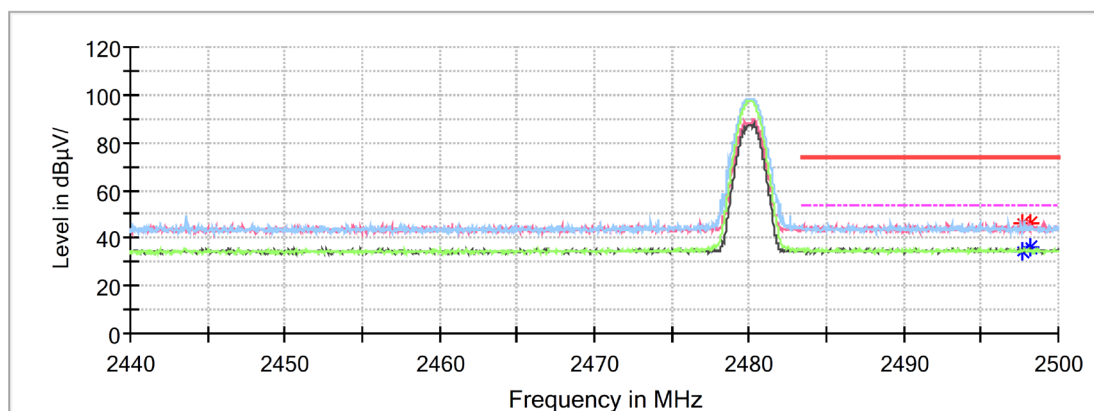
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2382.296000	44.31	---	74.00	29.69	H	-0.6
2382.296000	---	33.03	54.00	20.97	H	-0.6
2388.176000	42.23	---	74.00	31.77	H	-0.6
2388.176000	---	34.58	54.00	19.42	H	-0.6

Right Side**Common Information**

Project No.: RKSA260622001
EUT Model: SRP2504A
Test Mode: Transmitting in BT_1DH5 mode High channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 47%
Atmospheric Pressure: 100.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/7/15

Full Spectrum

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2497.720000	46.20	---	74.00	27.80	V	-0.3
2497.720000	---	34.35	54.00	19.65	V	-0.3
2498.176000	45.97	---	74.00	28.03	V	-0.3
2498.176000	---	35.95	54.00	18.05	V	-0.3

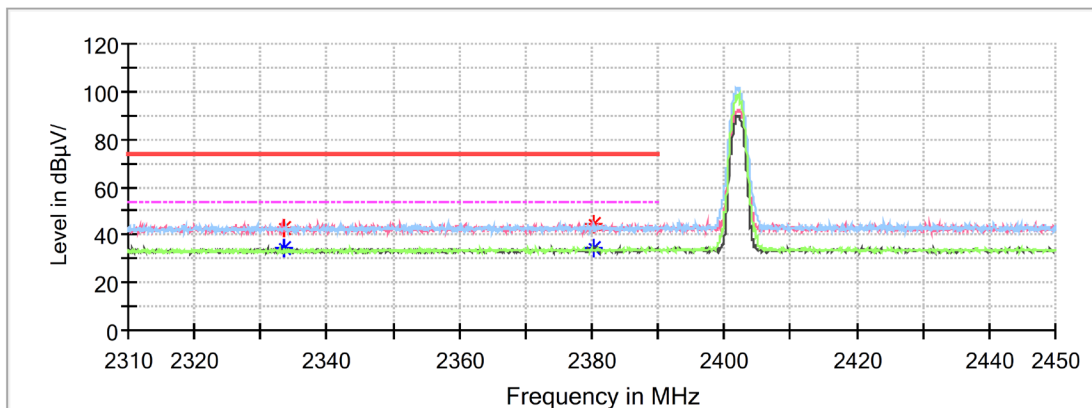
$\pi/4$ -DQPSK:

Left Side

Common Information

Project No.: RKSA260622001
EUT Model: SRP2504A
Test Mode: Transmitting in BT_2DH5 mode Low channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 47%
Atmospheric Pressure: 100.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/7/15

Full Spectrum



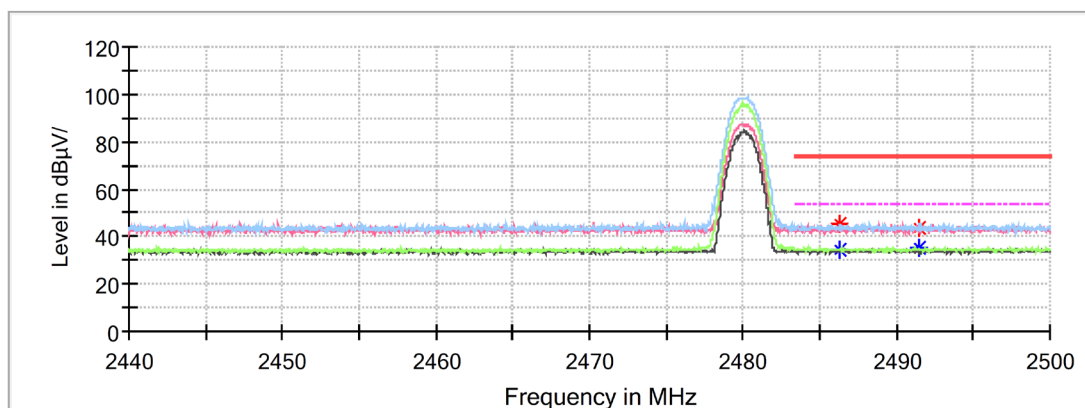
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2333.576000	---	34.80	54.00	19.20	H	-0.7
2333.576000	42.78	---	74.00	31.22	H	-0.7
2380.448000	---	34.23	54.00	19.77	V	-0.6
2380.448000	44.86	---	74.00	29.14	V	-0.6

Right Side**Common Information**

Project No.: RKSA260622001
EUT Model: SRP2504A
Test Mode: Transmitting in BT_2DH5 mode High channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 47%
Atmospheric Pressure: 100.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/7/15

Full Spectrum

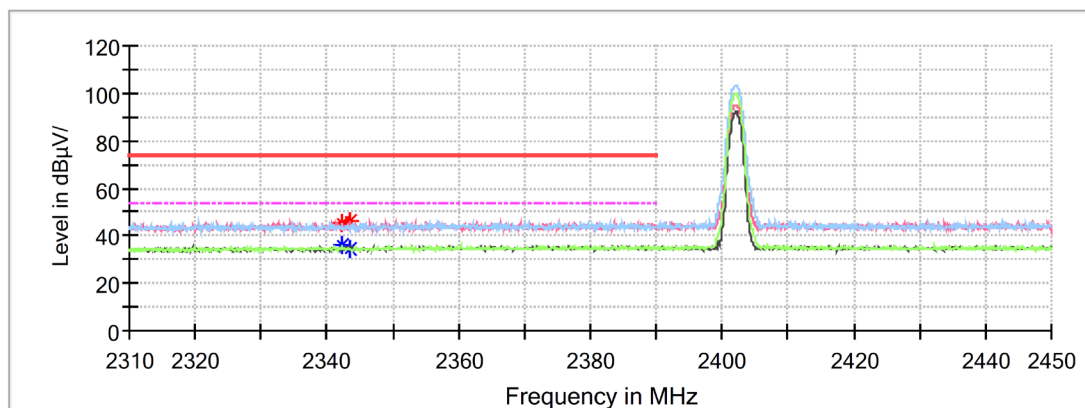
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2486.296000	45.51	---	74.00	28.49	H	-0.3
2486.296000	---	34.50	54.00	19.50	H	-0.3
2491.504000	43.84	---	74.00	30.16	H	-0.3
2491.504000	---	35.47	54.00	18.53	H	-0.3

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

Project No.: RKSA260622001
EUT Model: SRP2504A
Test Mode: Transmitting in BT_3DH5 mode Low channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 47%
Atmospheric Pressure: 100.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/7/15

Full Spectrum

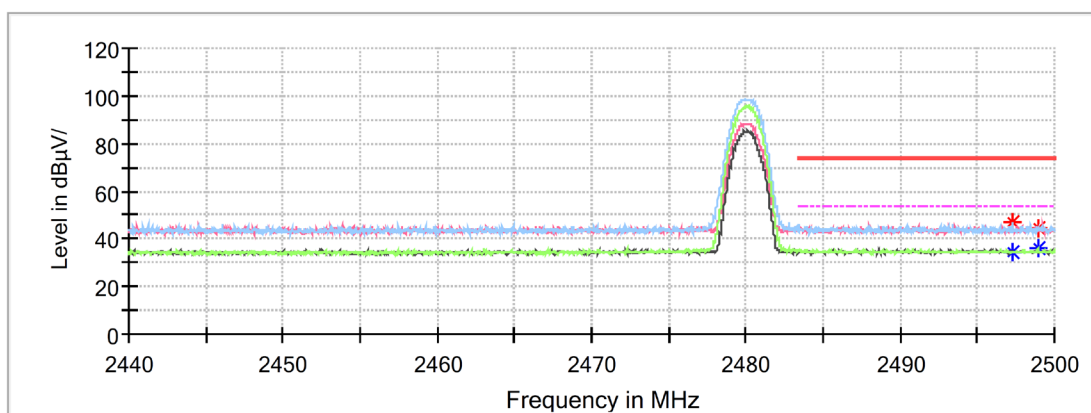
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2342.368000	---	35.71	54.00	18.29	H	-0.7
2342.368000	45.01	---	74.00	28.99	H	-0.7
2343.488000	---	34.39	54.00	19.61	V	-0.7
2343.488000	46.42	---	74.00	27.58	V	-0.7

Right Side**Common Information**

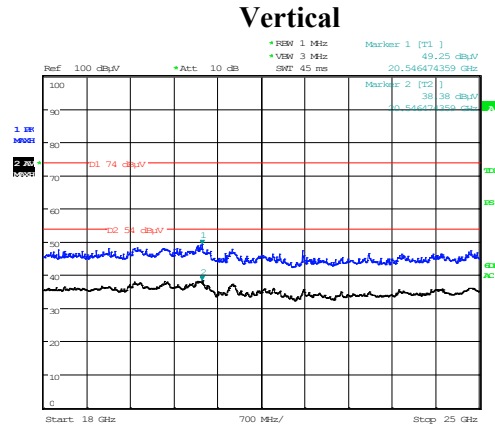
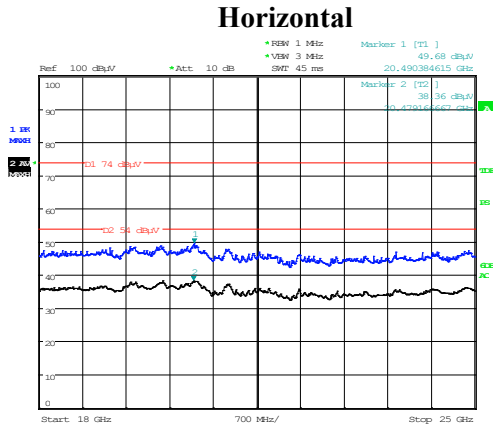
Project No.: RKSA260622001
EUT Model: SRP2504A
Test Mode: Transmitting in BT_3DH5 mode High channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6℃
Humidity: 47%
Atmospheric Pressure: 100.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/7/15

Full Spectrum

**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2497.312000	46.61	---	74.00	27.39	V	-0.3
2497.312000	---	34.80	54.00	19.20	V	-0.3
2498.920000	44.16	---	74.00	29.84	H	-0.3
2498.920000	---	35.79	54.00	18.21	H	-0.3

18 GHz - 25 GHz (Transmitting maximum output power 3DH1 Mode middle channel):



Project No.: RKSA260622001 Tester: Hugh Wu
Date: 15.JUL.2026 10:38:10

Project No.: RKSA260622001 Tester: Hugh Wu
Date: 15.JUL.2026 11:11:15

Frequency (GHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
20.55	---	38.38	54	15.62	V	13.13
20.55	49.25	---	74	24.75	V	13.13
20.48	---	38.36	54	15.64	H	12.71
20.49	49.68	---	74	24.32	H	12.72

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

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

Test Date:	2026-07-17
Temperature:	25.8 °C
Relative Humidity:	55 %
ATM Pressure:	100.3 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

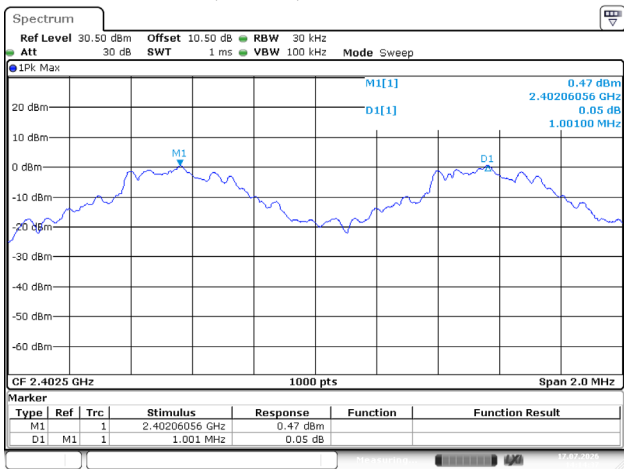
EUT operation mode: Transmitting

Mode	Channel	Result (MHz)	Limit (MHz)	Result
GFSK	Low	1.001	0.887	Pass
	Middle	1.001	0.887	Pass
	High	1.001	0.887	Pass

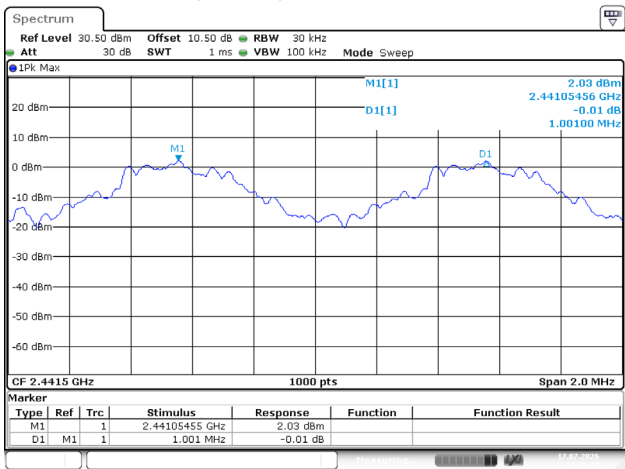
Note:

1. The limit = $(2/3) \times 20\text{dB}$ bandwidth.
2. Only GFSK mode result is reported since EDR($\pi/4$ -DQPSK, 8DPSK) has the exact same channel plan.

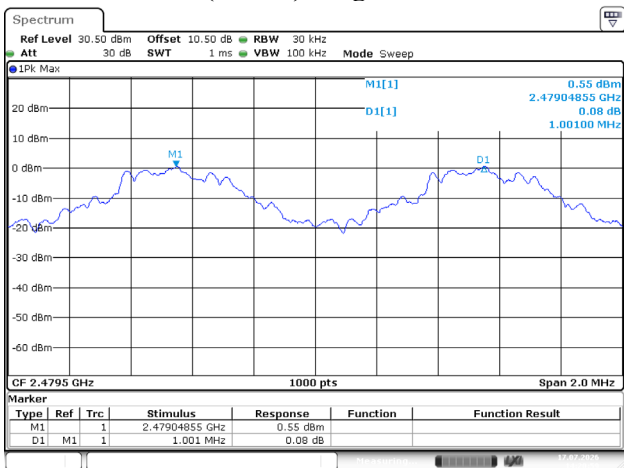
BDR (GFSK): Low Channel



BDR (GFSK): Middle Channel



BDR (GFSK): High Channel



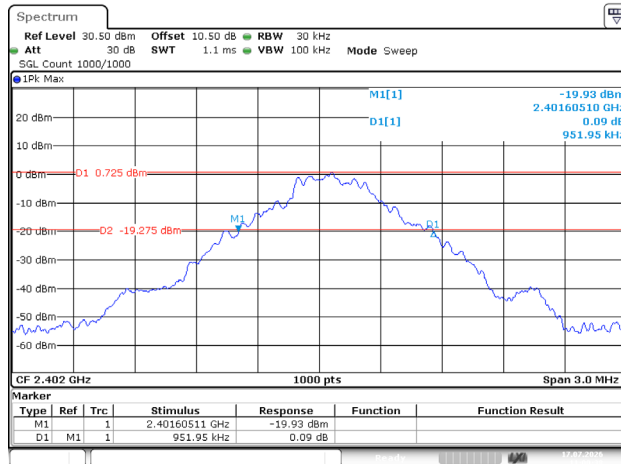
20 dB BANDWIDTH TEST**Environmental Conditions & Test Information**

Test Date:	2026-07-17
Temperature:	25.8 °C
Relative Humidity:	55 %
ATM Pressure:	100.3 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

EUT operation mode: Transmitting

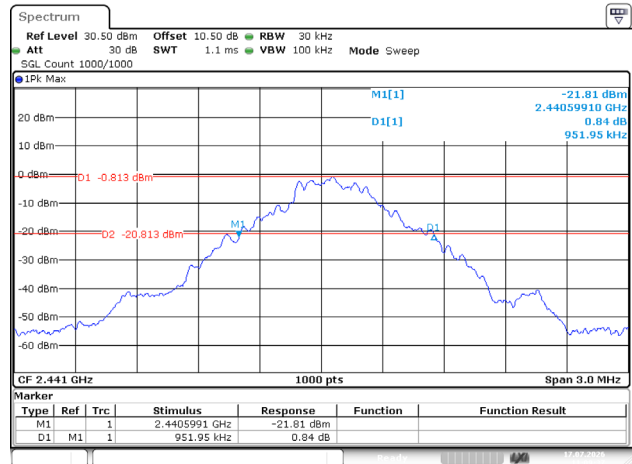
Mode	Channel	Frequency (MHz)	20 dB Emission Bandwidth (MHz)
BDR (GFSK)	Low	2402	0.952
	Middle	2441	0.952
	High	2480	0.949
EDR ($\pi/4$-DQPSK)	Low	2402	1.330
	Middle	2441	1.321
	High	2480	1.321
EDR (8DPSK)	Low	2402	1.267
	Middle	2441	1.270
	High	2480	1.270

BDR (GFSK) : Low Channel



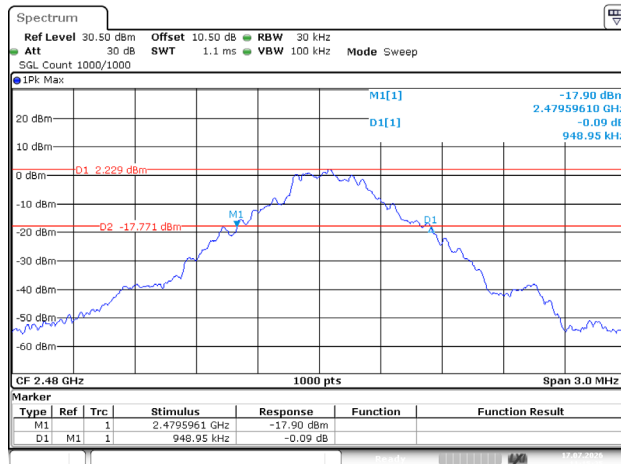
ProjectNo.:RKSA260622001 Tester:Neil Zhou
Date: 17.JUL.2026 11:00:38

BDR (GFSK) : Middle Channel

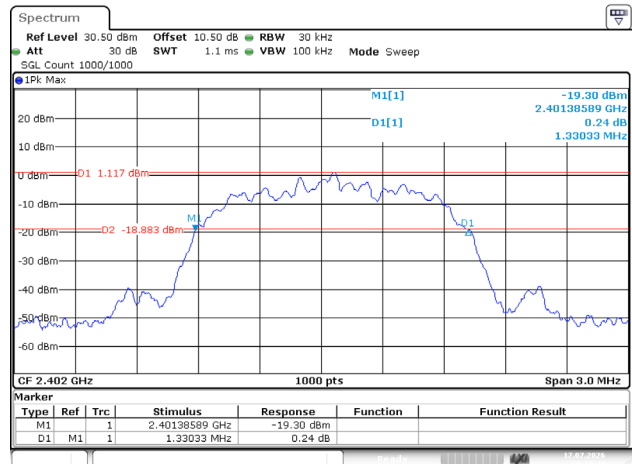


ProjectNo.:RKSA260622001 Tester:Neil Zhou
Date: 17.JUL.2026 11:09:37

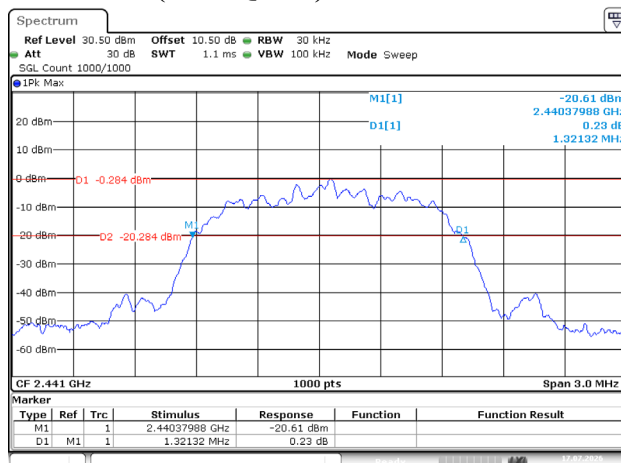
BDR (GFSK) : High Channel



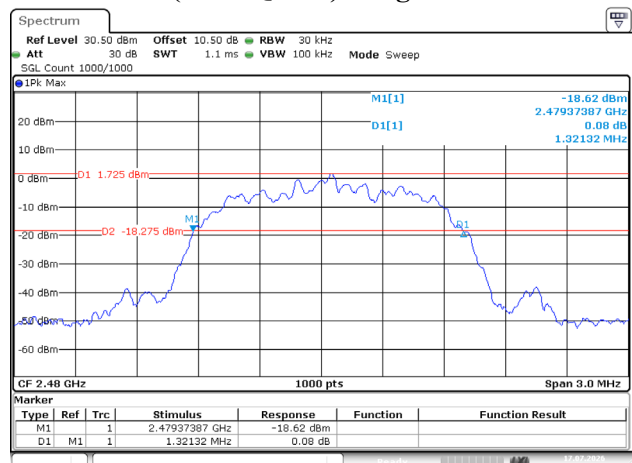
ProjectNo.:RKSA260622001 Tester:Neil Zhou
Date: 17.JUL.2026 11:15:25

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

ProjectNo.:RKSA260622001 Tester:Neil Zhou
Date: 17.JUL.2026 11:23:43

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

ProjectNo.:RKSA260622001 Tester:Neil Zhou
Date: 17.JUL.2026 11:34:02

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

ProjectNo.:RKSA260622001 Tester:Neil Zhou
Date: 17.JUL.2026 11:42:30