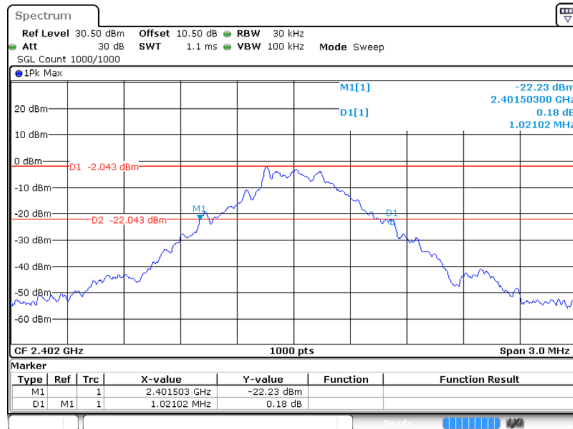
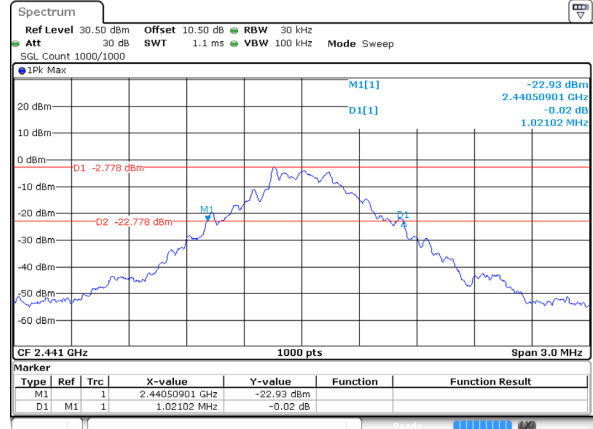
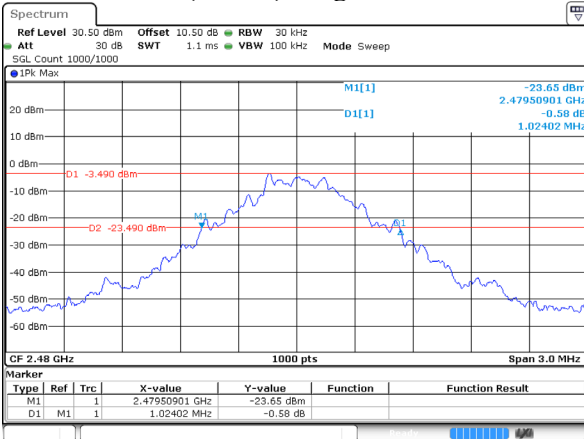


BDR (GFSK): Low Channel

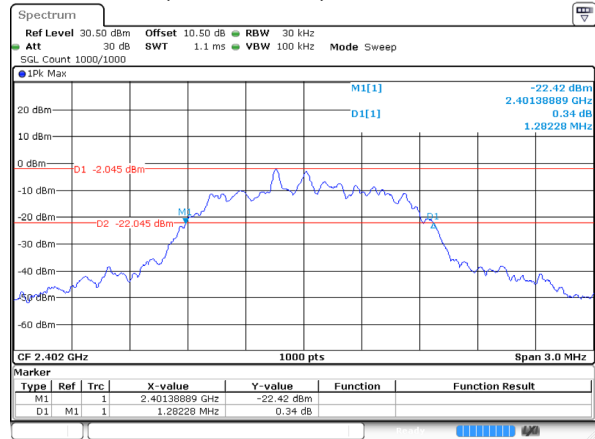
ProjectNo.:RKSA250519002 Tester:Neil Zhou
Date: 4 JUN 2025 16:56:40

BDR (GFSK): Middle Channel

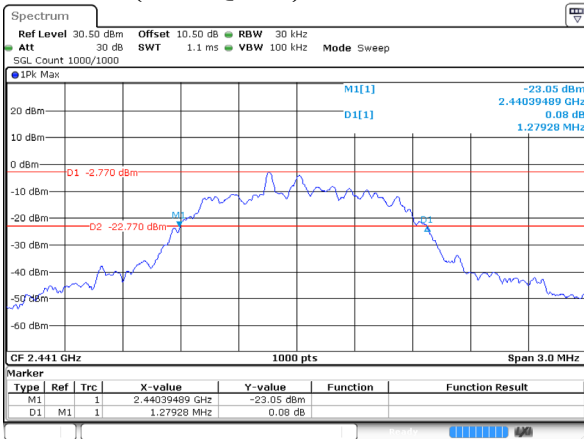
ProjectNo.:RKSA250519002 Tester:Neil Zhou
Date: 4 JUN 2025 16:59:33

BDR (GFSK): High Channel

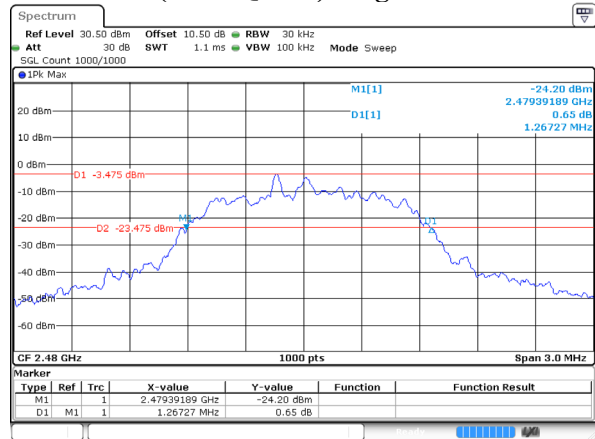
ProjectNo.:RKSA250519002 Tester:Neil Zhou
Date: 4 JUN 2025 17:02:26

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

ProjectNo.:RKSA250519002 Tester:Neil Zhou
Date: 4 JUN 2025 17:06:56

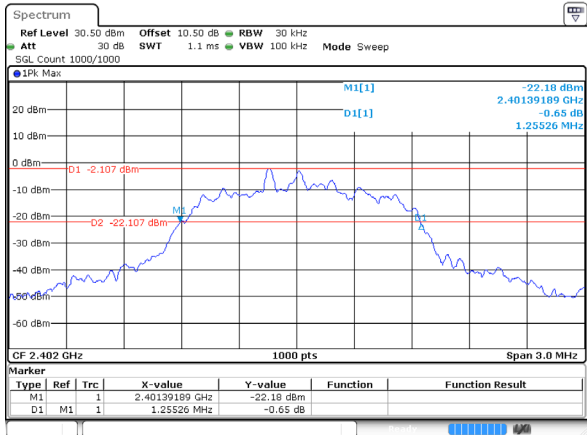
EDR($\pi/4$ -DQPSK): Middle Channel

ProjectNo.:RKSA250519002 Tester:Neil Zhou
Date: 4 JUN 2025 17:09:51

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

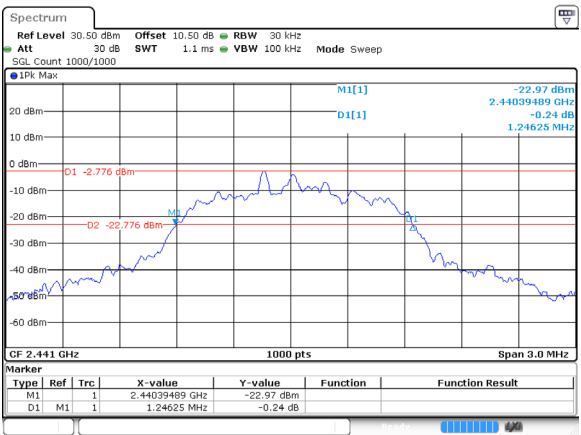
ProjectNo.:RKSA250519002 Tester:Neil Zhou
Date: 4 JUN 2025 17:13:13

EDR (8DPSK): Low Channel



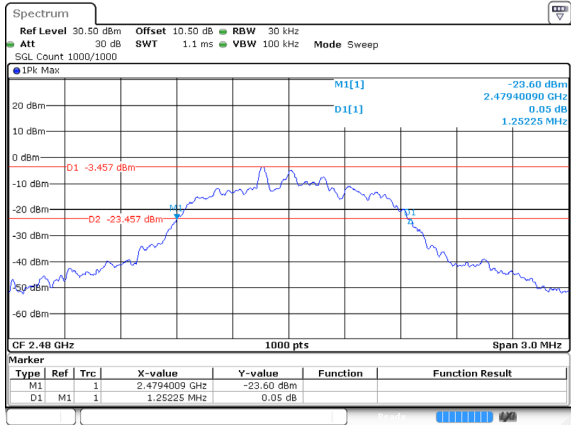
ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 17:16:33

EDR (8DPSK): Middle Channel



ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 17:20:13

EDR (8DPSK): High Channel



ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 17:22:49

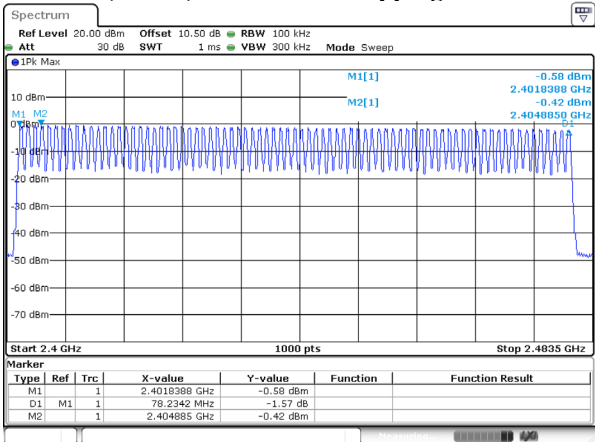
QUANTITY OF HOPPING CHANNEL TEST**Environmental Conditions & Test Information**

Test Date:	2025-06-04
Temperature:	23.5 °C
Relative Humidity:	45 %
ATM Pressure:	100.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

EUT operation mode: Hopping

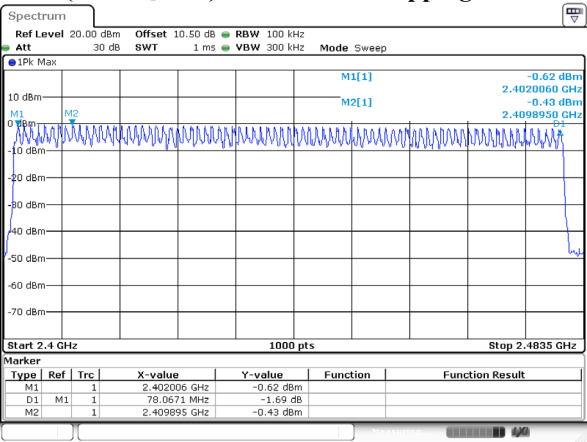
Mode	Frequency Range (MHz)	Number of Hopping Channel (CH)	Limit (CH)
BDR (GFSK)	2400-2483.5	79	≥15
EDR ($\pi/4$ -DQPSK)	2400-2483.5	79	≥15
EDR (8DPSK)	2400-2483.5	79	≥15

BDR (GFSK): Number of Hopping Channels



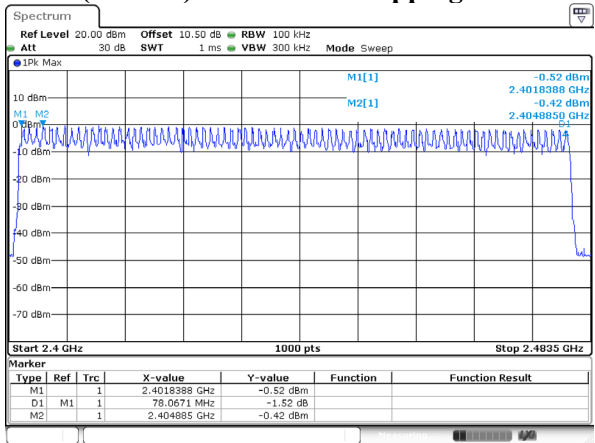
ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 18:13:13

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



ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 18:13:50

EDR (8DPSK): Number of Hopping Channels



ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 18:14:25

TIME OF OCCUPANCY (DWELL TIME)**Environmental Conditions & Test Information**

Test Date:	2025-06-04
Temperature:	23.5 °C
Relative Humidity:	45 %
ATM Pressure:	100.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

EUT operation mode: Hopping

Mode		Channel	Pulse Width (ms)	Dwell Time (s)	Limit (s)	Result
BDR (GFSK)	DH1	Middle	0.387	0.124	0.4	Pass
	DH3	Middle	1.643	0.263	0.4	Pass
	DH5	Middle	2.908	0.310	0.4	Pass
EDR ($\pi/4$ -DQPSK)	2DH1	Middle	0.395	0.126	0.4	Pass
	2DH3	Middle	1.652	0.264	0.4	Pass
	2DH5	Middle	2.908	0.310	0.4	Pass
EDR (8DPSK)	3DH1	Middle	0.392	0.125	0.4	Pass
	3DH3	Middle	1.652	0.264	0.4	Pass
	3DH5	Middle	2.908	0.310	0.4	Pass

Note:

DH1: Dwell time = Pulse time*(1600/2/79)*31.6S

DH3: Dwell time = Pulse time*(1600/4/79)*31.6S

DH5: Dwell time = Pulse time*(1600/6/79)*31.6S

2DH1: Dwell time = Pulse time*(1600/2/79)*31.6S

2DH3: Dwell time = Pulse time*(1600/4/79)*31.6S

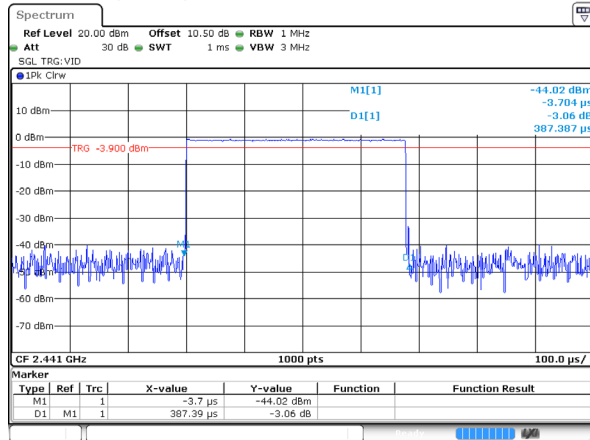
2DH5: Dwell time = Pulse time*(1600/6/79)*31.6S

3DH1: Dwell time = Pulse time*(1600/2/79)*31.6S

3DH3: Dwell time = Pulse time*(1600/4/79)*31.6S

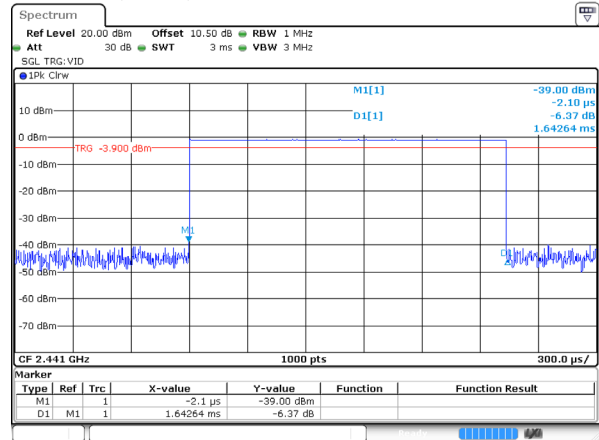
3DH5: Dwell time = Pulse time*(1600/6/79)*31.6S

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



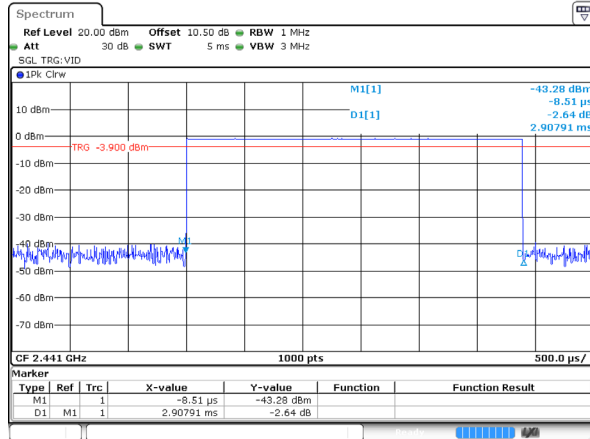
ProjectNo.: RKSA250519002 Tester:Neil Zhou
Date: 4 JUN 2025 18:15:21

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

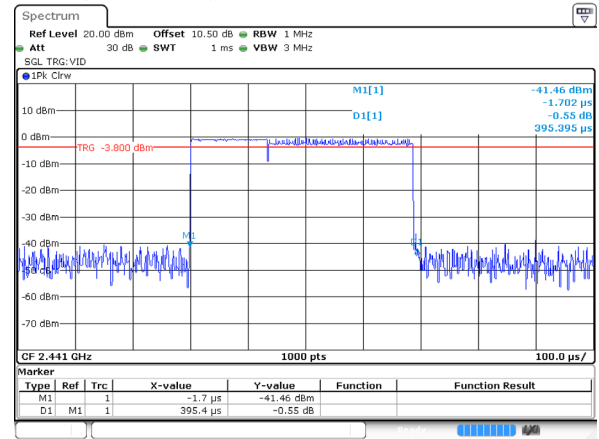


ProjectNo.: RKSA250519002 Tester:Neil Zhou
Date: 4 JUN 2025 18:16:02

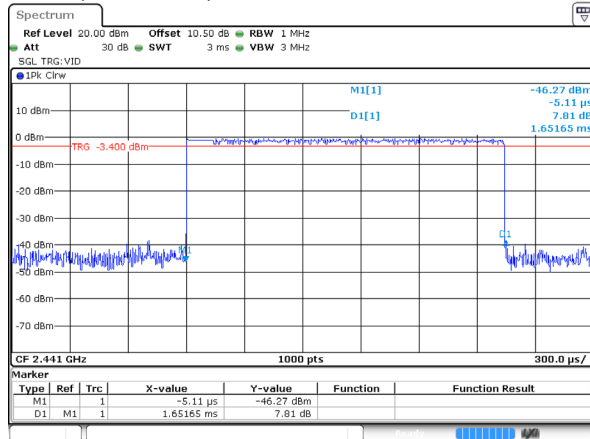
BDR (GFSK): Pulse time, Middle Channel, DH5



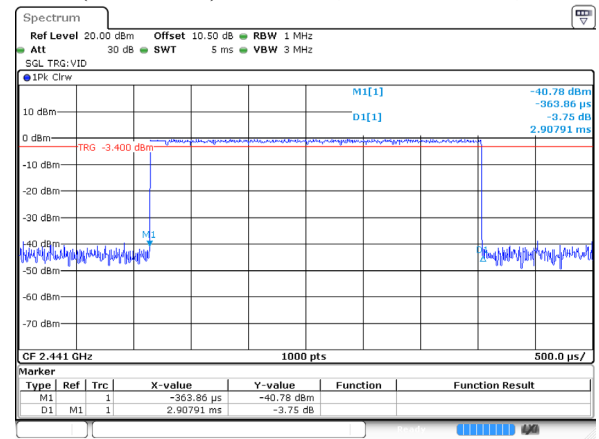
ProjectNo.: RKSA250519002 Tester:Neil Zhou
Date: 4 JUN 2025 18:16:36

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

ProjectNo.: RKSA250519002 Tester:Neil Zhou
Date: 4 JUN 2025 18:17:07

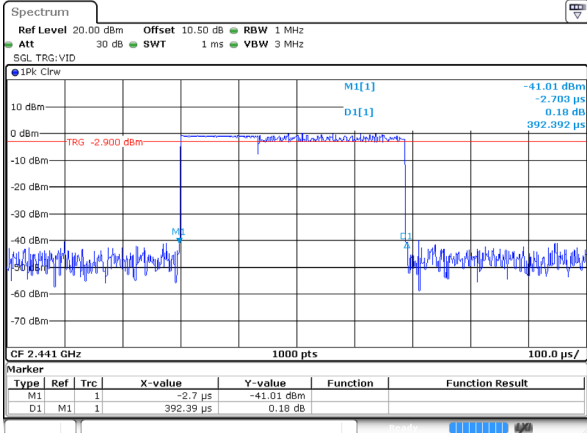
EDR ($\pi/4$ -DQPSK): Pulse time, Middle Channel, 2DH3

ProjectNo.: RKSA250519002 Tester:Neil Zhou
Date: 4 JUN 2025 18:18:03

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

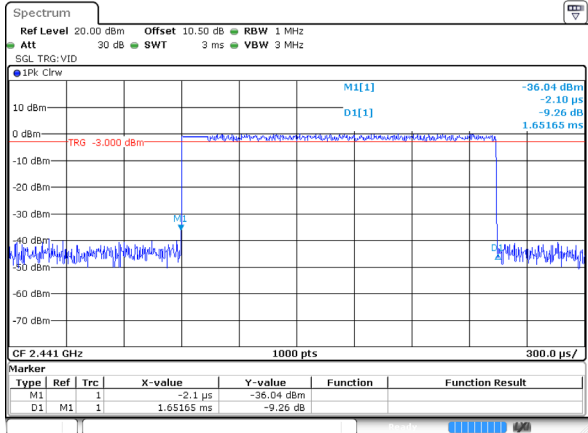
ProjectNo.: RKSA250519002 Tester:Neil Zhou
Date: 4 JUN 2025 18:18:56

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



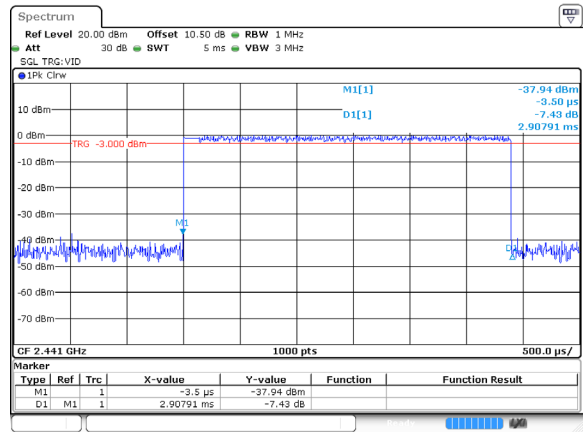
ProjectNo.:RKSA250519002 Tester:Neil Zhou
Date: 4.JUN.2025 18:19:51

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



ProjectNo.:RKSA250519002 Tester:Neil Zhou
Date: 4.JUN.2025 18:20:23

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



ProjectNo.:RKSA250519002 Tester:Neil Zhou
Date: 4.JUN.2025 18:20:56

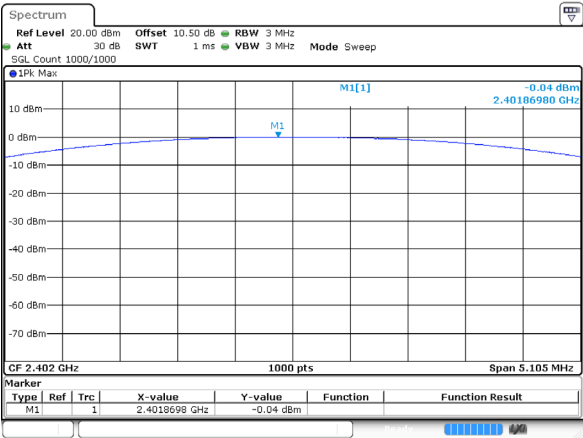
PEAK OUTPUT POWER MEASUREMENT**Environmental Conditions & Test Information**

Test Date:	2025-06-04
Temperature:	23.5 °C
Relative Humidity:	45 %
ATM Pressure:	100.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

EUT operation mode: Transmitting

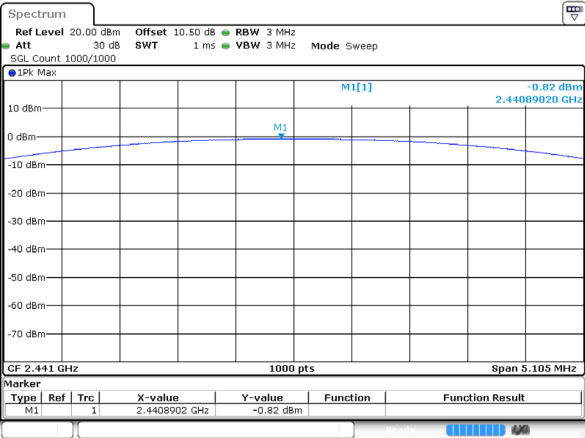
Mode	Channel	Frequency (MHz)	Result (dBm)	Limit (dBm)
GFSK	Low	2402	-0.04	21
	Middle	2441	-0.82	
	High	2480	-1.50	
$\pi/4$ DQPSK	Low	2402	0.78	
	Middle	2441	-0.04	
	High	2480	-0.70	
8DPSK	Low	2402	1.36	
	Middle	2441	0.53	
	High	2480	-0.17	

BDR (GFSK): 2402MHz



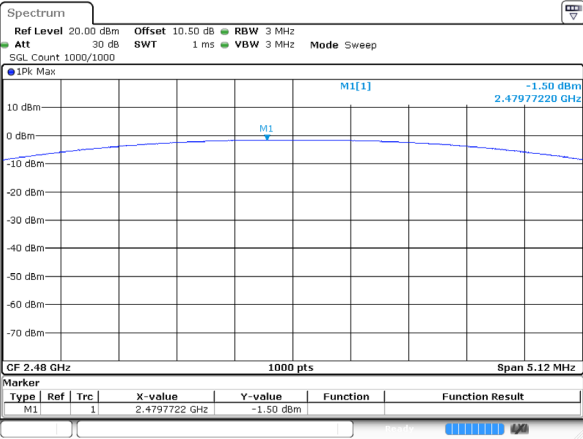
ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 16:57:06

BDR (GFSK): 2441MHz



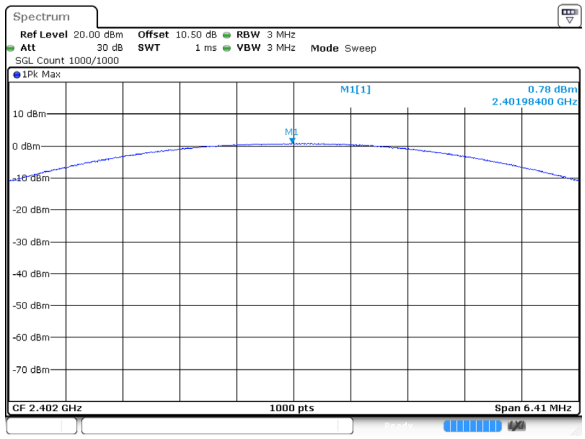
ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 17:00:07

BDR (GFSK): 2480MHz



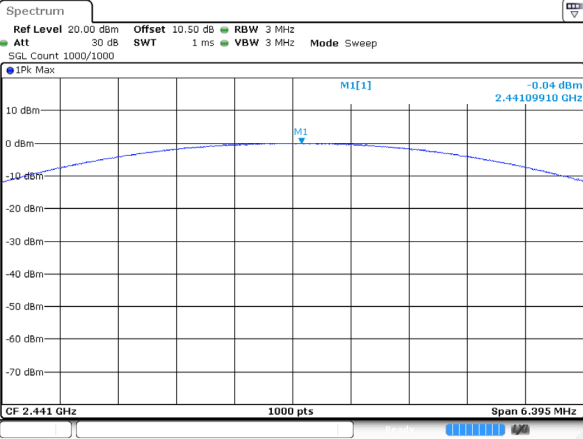
ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 17:03:00

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



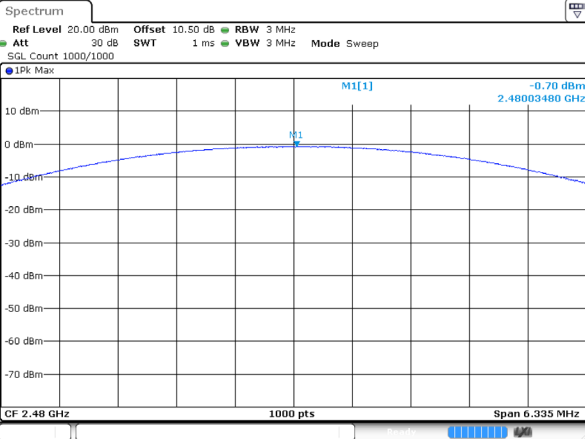
ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 17:07:19

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



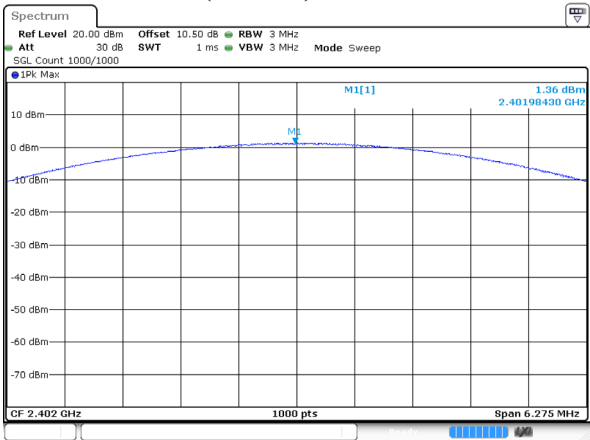
ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 17:10:25

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



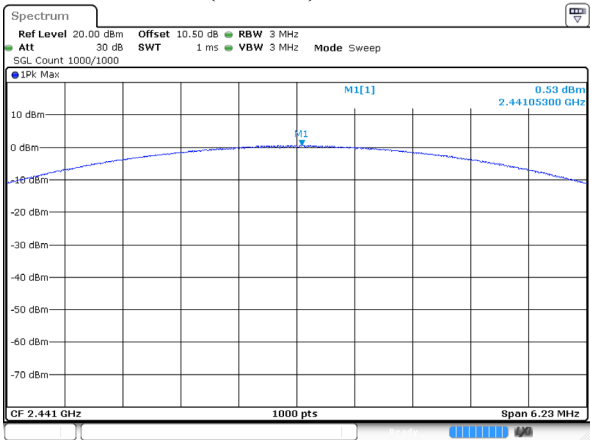
ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 17:14:13

EDR(8DPSK): 2402MHz



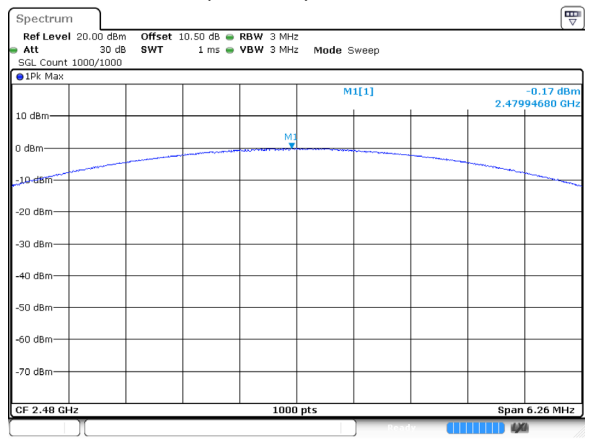
ProjectNo.:RKSA250519002 Tester:Neil Zhou
Date: 4 JUN 2025 17:17:52

EDR(8DPSK):2441MHz



ProjectNo.:RKSA250519002 Tester:Neil Zhou
Date: 4 JUN 2025 17:20:35

EDR(8DPSK): 2480MHz



ProjectNo.:RKSA250519002 Tester:Neil Zhou
Date: 4 JUN 2025 17:23:47

BAND EDGES**Environmental Conditions & Test Information**

Test Date:	2025-06-04
Temperature:	23.5 °C
Relative Humidity:	45 %
ATM Pressure:	100.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

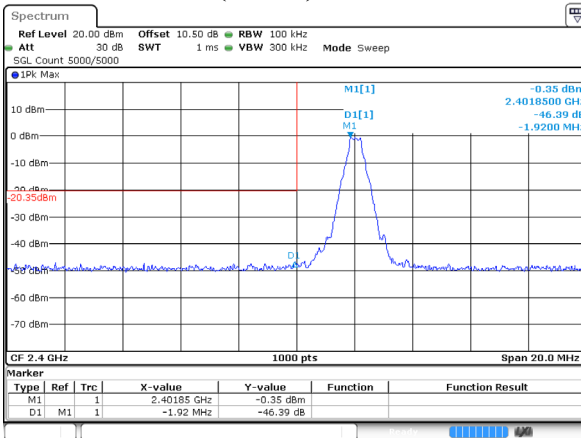
EUT operation mode: Transmitting & Hopping

Test Result: Compliant.

Mode	Channel	Frequency (MHz)	Result (dBc)	Limit (dBc)
GFSK	Low	2402	46.39	20
	High	2480	44.09	
$\pi/4$ DQPSK	Low	2402	46.73	
	High	2480	45.02	
8DPSK	Low	2402	46.73	
	High	2480	44.86	
GFSK (Hopping)	Low	2402	46.98	
	High	2480	45.22	
$\pi/4$ DQPSK (Hopping)	Low	2402	46.14	
	High	2480	44.79	
8DPSK (Hopping)	Low	2402	46.87	
	High	2480	45.29	

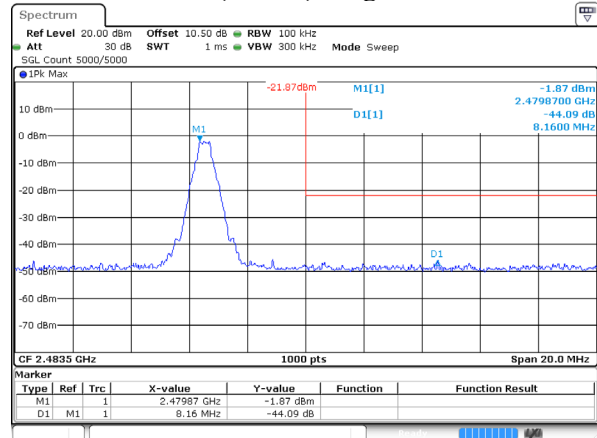
Band Edge

BDR (GFSK): Left Side

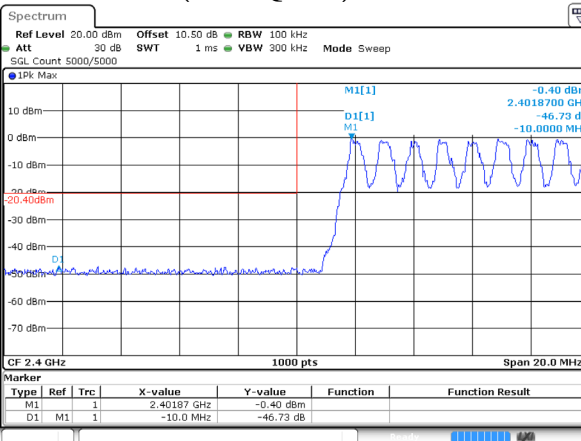


ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 17:47:24

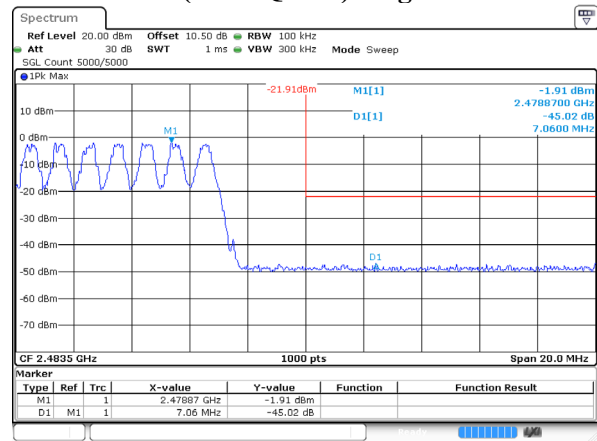
BDR (GFSK): Right Side



ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 17:52:48

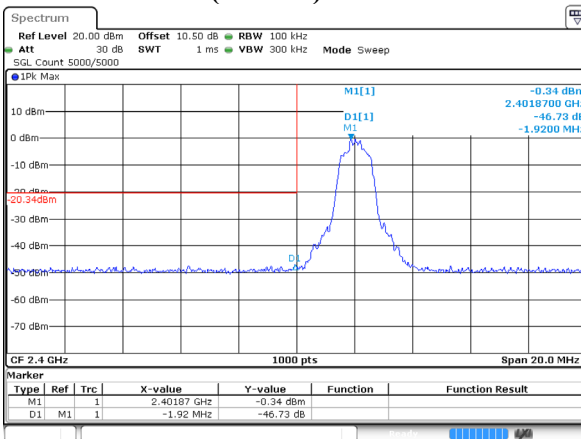
EDR ($\pi/4$ -DQPSK): Left Side

ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 17:27:51

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

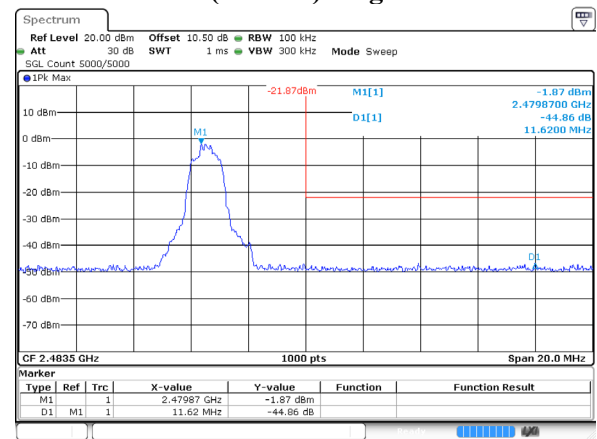
ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 17:44:28

EDR (8DPSK): Left Side

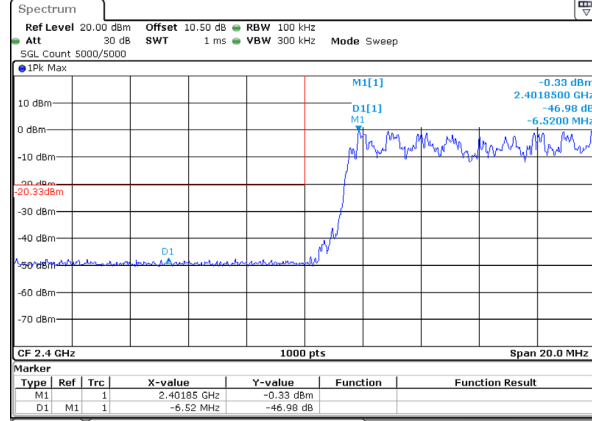


ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 18:01:48

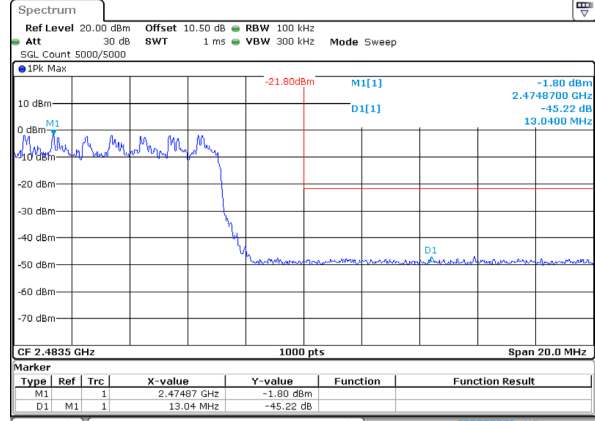
EDR (8DPSK): Right Side



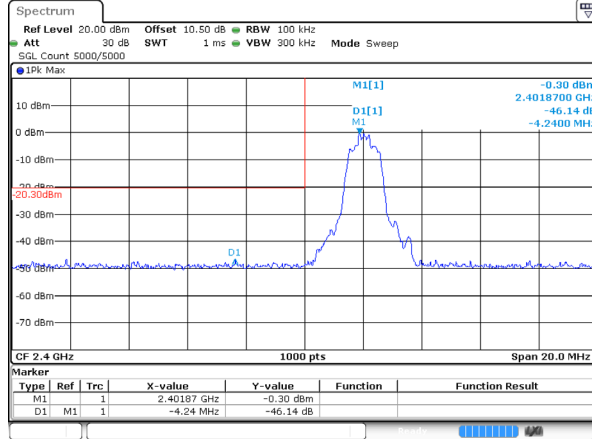
ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 18:02:49

BDR (GFSK): Left Side - Hopping

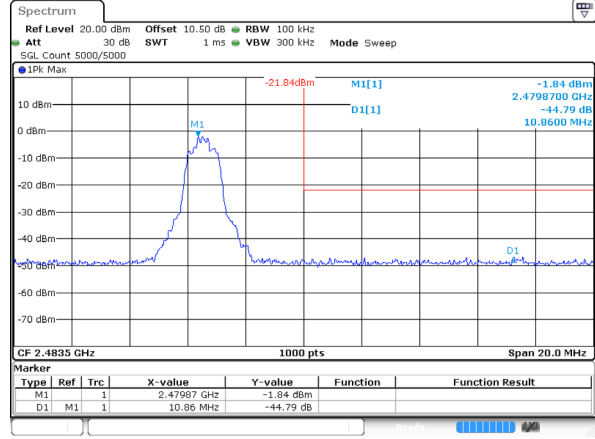
ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 17:57:45

BDR (GFSK): Right Side - Hopping

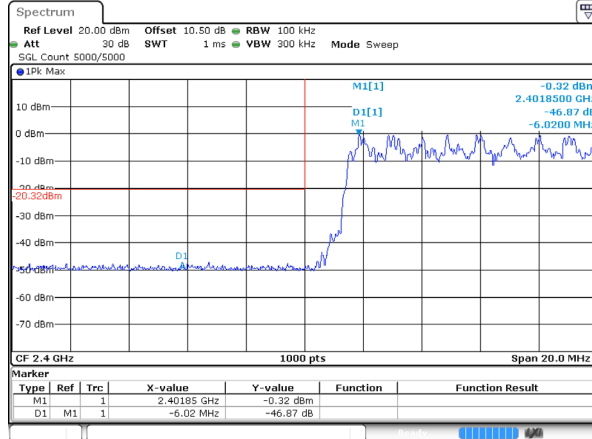
ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 17:58:52

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

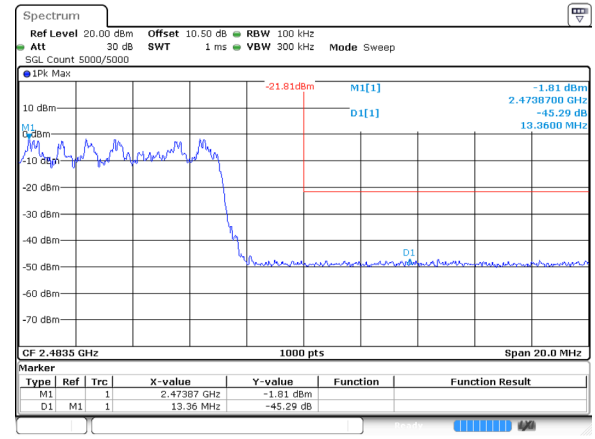
ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 18:06:53

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

ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 18:09:13

EDR (8DPSK): Left Side - Hopping

ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 18:04:25

EDR (8DPSK): Right Side - Hopping

ProjectNo.: RKSA250519002 Tester: Neil Zhou
Date: 4 JUN 2025 18:05:24

EUT PHOTOGRAPHS

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

TEST SETUP PHOTOGRAPHS

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

Declarations

1. The laboratory is not responsible for the authenticity of any information provided by the applicant. Information from the applicant that may affect test results is marked with “★”.
2. The test data was only valid for the test sample(s).
3. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
4. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
5. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor $k=2$ with the 95.45% confidence interval.

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