Appendix A

Test Information:

Sample No.:	31AX-1	**Test Date:**	2025/04/21~2025/06/27
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Lingling Li	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	25.1-25.8	**Relative Humidity: (%)**	61-63	**ATM Pressure: (kPa)**	100.6-101.6

Test Equipment List and Details:

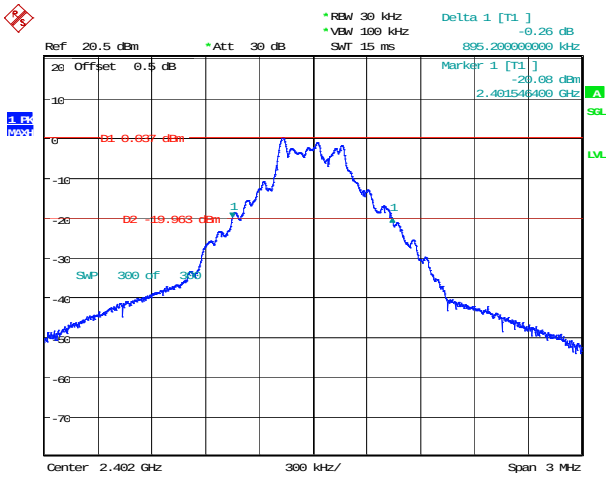
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	100147	2025/03/31	2026/03/30
R&S	Spectrum Analyzer	FSU26	200256	2025/03/31	2026/03/30

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

20 dB Emission Bandwidth

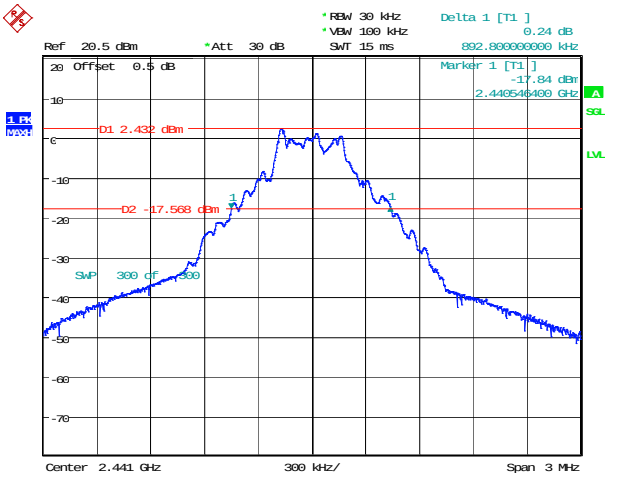
Mode	Channel	Result (MHz)
DH1	Low	0.895
	Middle	0.893
	High	0.898
2DH1	Low	1.289
	Middle	1.270
	High	1.270
3DH1	Low	1.270
	Middle	1.270
	High	1.272

DH1_Low



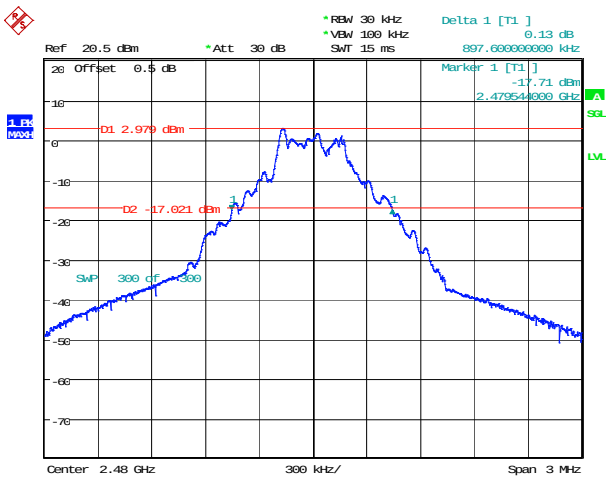
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 15:53:58

DH1_Middle



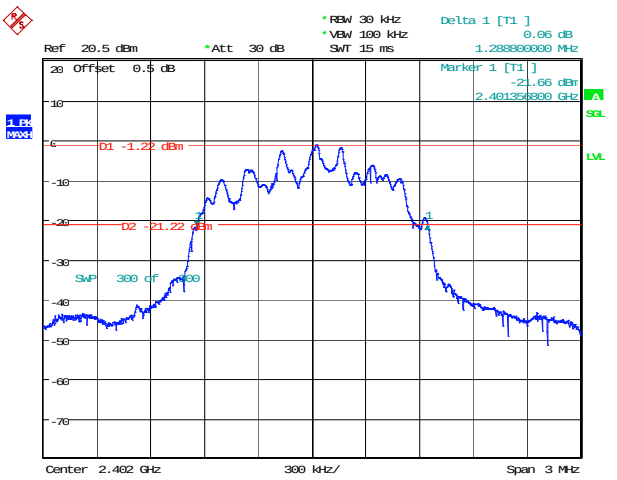
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:10:21

DH1_High



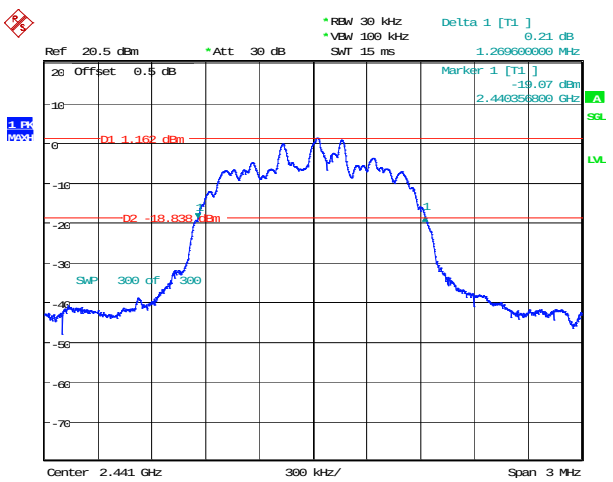
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:15:00

2DH1_Low



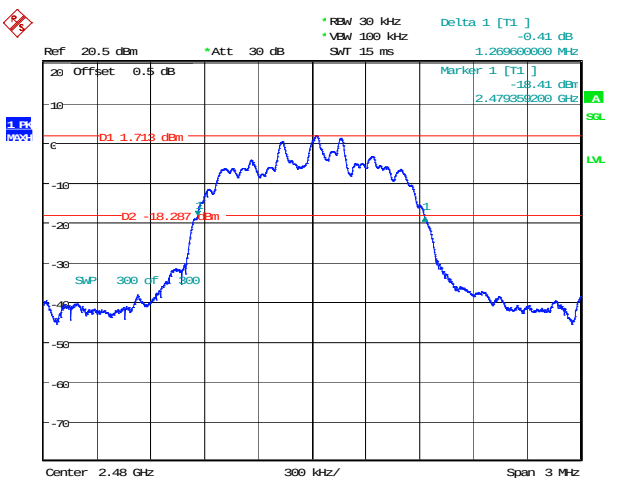
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:21:22

2DH1_Middle



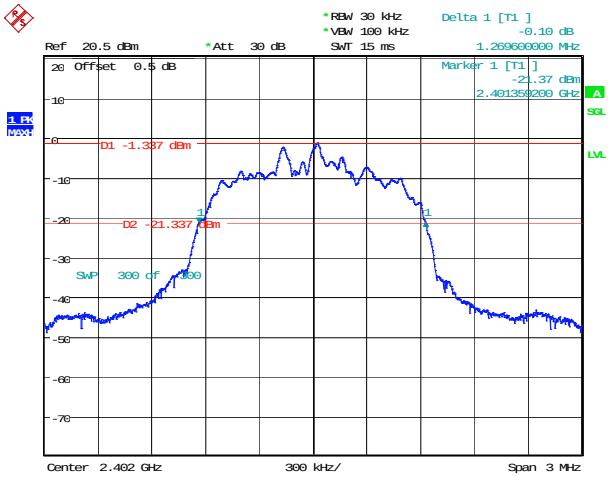
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:31:03

2DH1_High



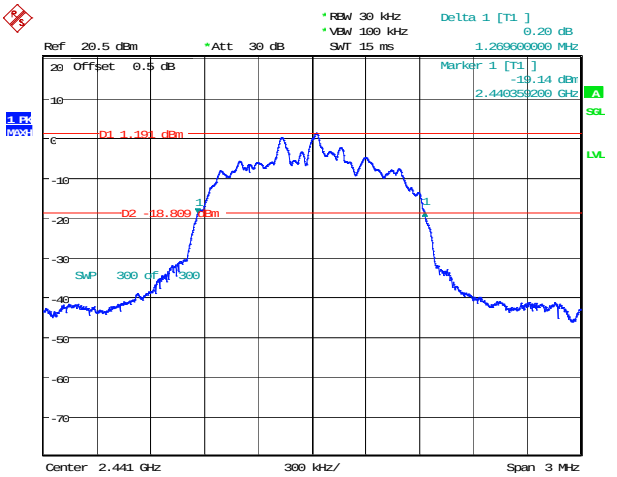
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 17:02:59

3DH1_Low



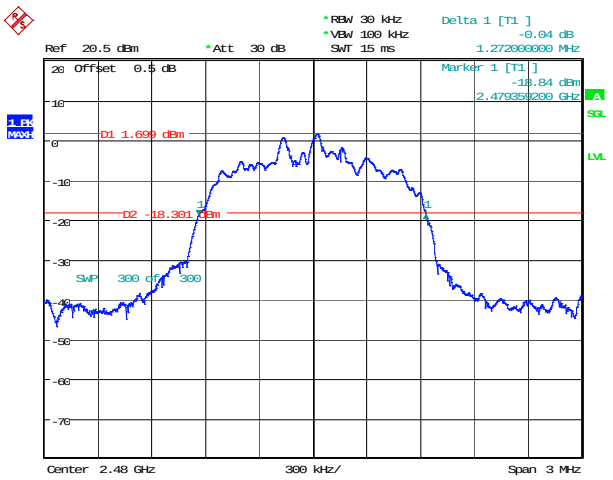
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:51:19

3DH1_Middle



Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:55:45

3DH1_High

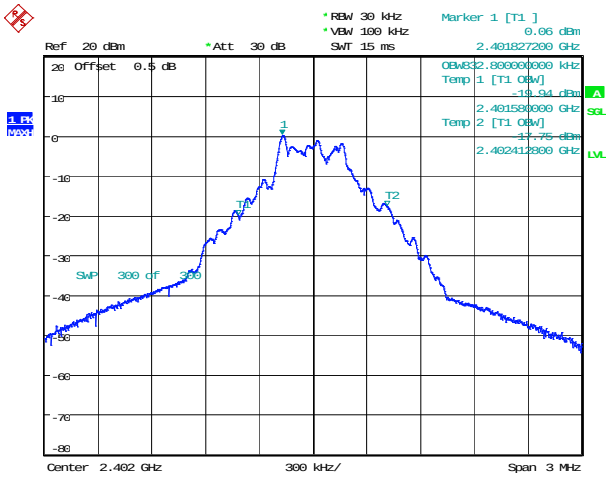


Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:57:16

99% Occupied Bandwidth

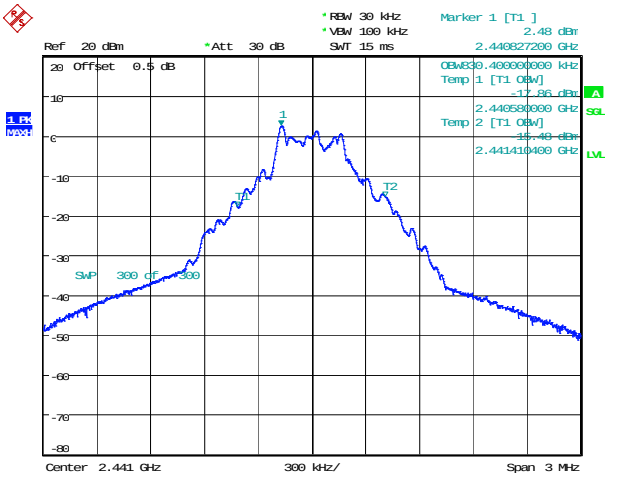
Mode	Channel	99% OBW (MHz)
DH1	Low	0.833
	Middle	0.830
	High	0.830
2DH1	Low	1.150
	Middle	1.169
	High	1.075
3DH1	Low	1.166
	Middle	1.164
	High	1.164

DH1_Low



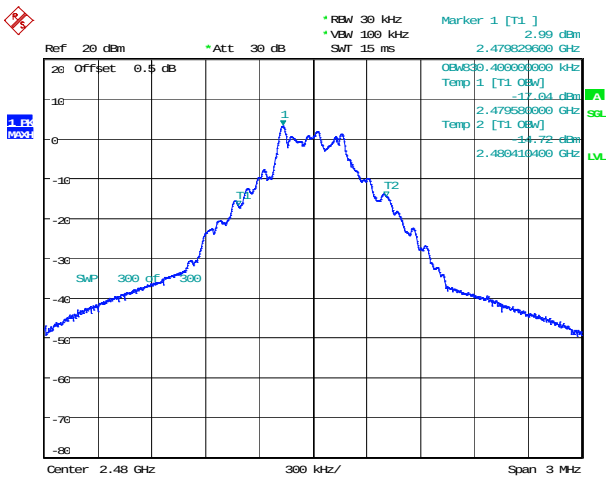
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 15:56:33

DH1_Middle



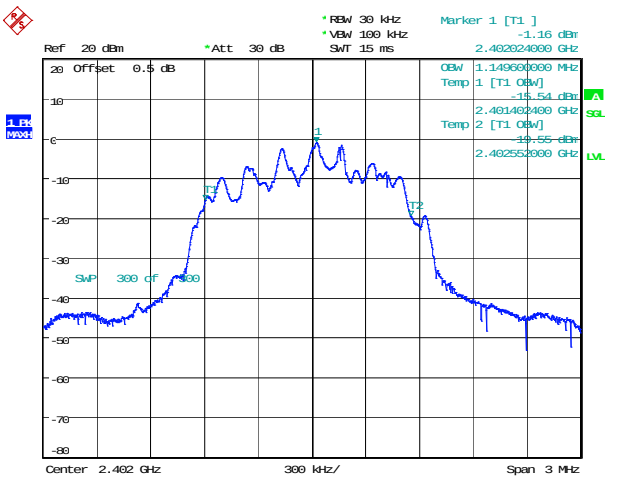
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:10:51

DH1_High



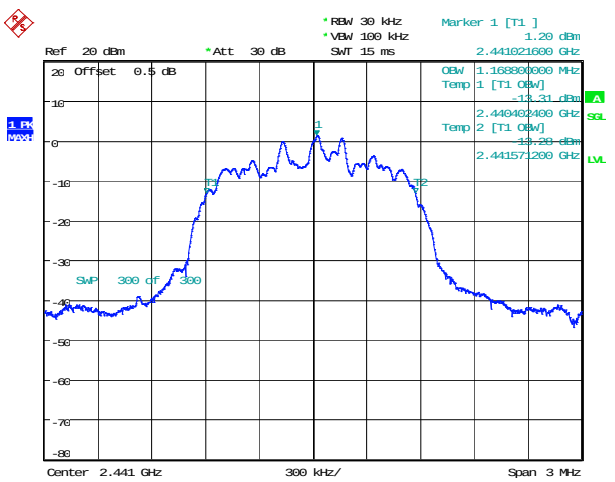
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:18:03

2DH1_Low



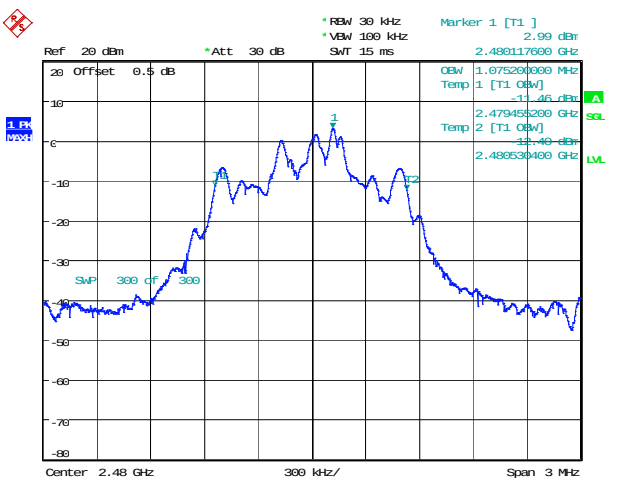
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:23:57

2DH1_Middle



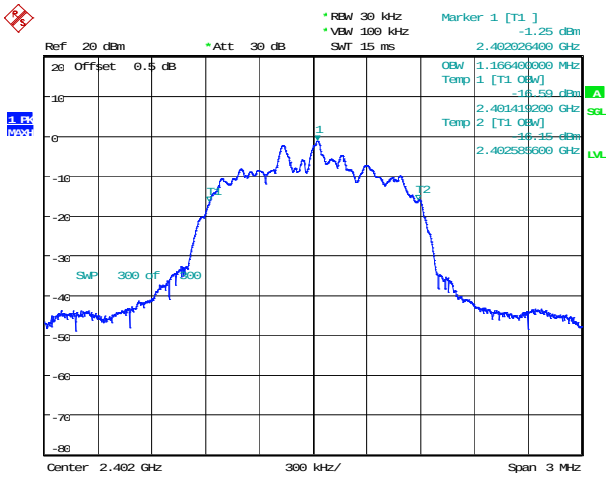
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:31:33

2DH1_High



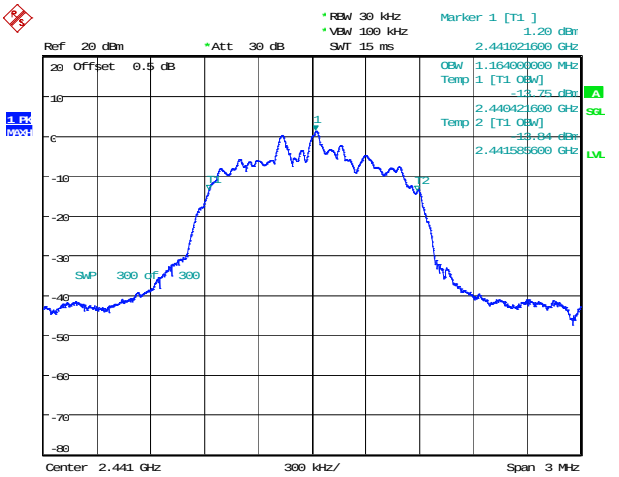
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:46:48

3DH1_Low



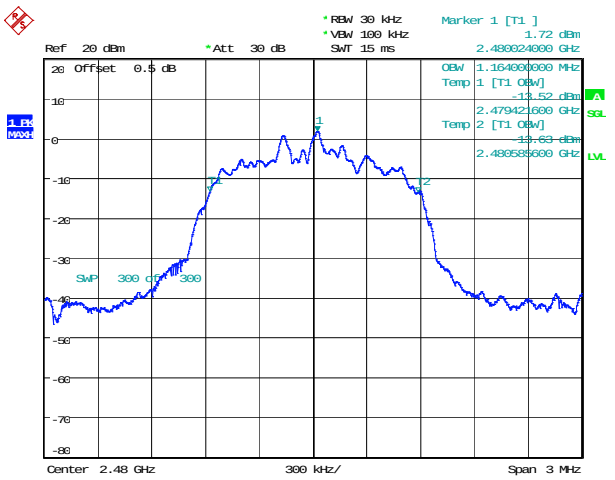
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:53:57

3DH1_Middle



Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:56:14

3DH1_High



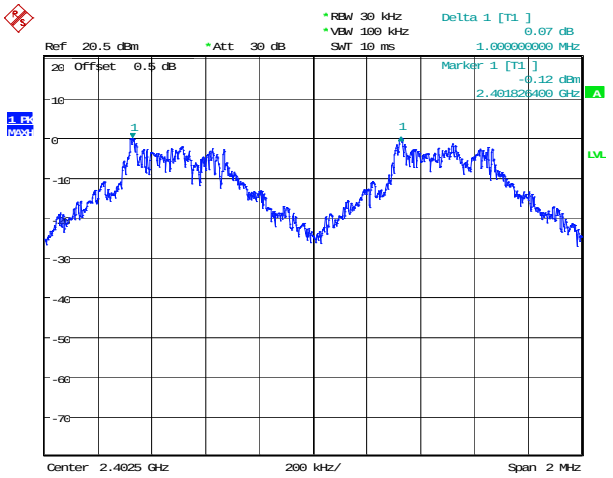
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 17:00:16

Channel Separation

Mode	Channel	Result (MHz)	Limit (MHz)	Verdict
DH1	Low	1	0.859	Pass
	Middle	0.994	0.859	Pass
	High	1	0.859	Pass

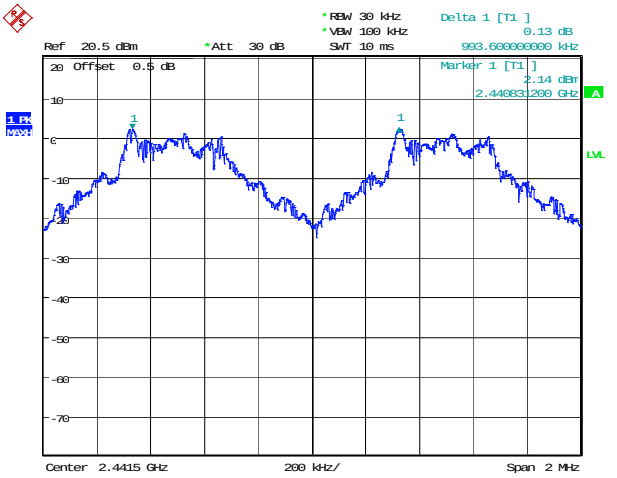
Note: Only the BDR (GFSK) mode result is reported since EDR (π/4-DQPSK) and EDR (8DPSK) modes have the exact same channel plan, and the limit is the maximum 20dB bandwidth *2/3.

DH1_Low



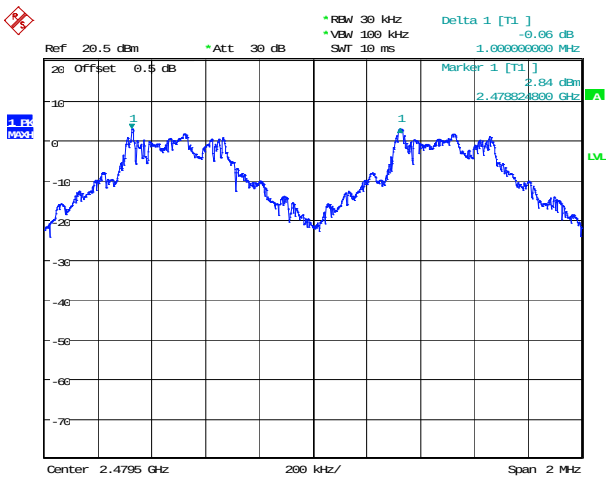
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 22.APR.2025 10:05:52

DH1_Middle



Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 22.APR.2025 10:15:25

DH1_High



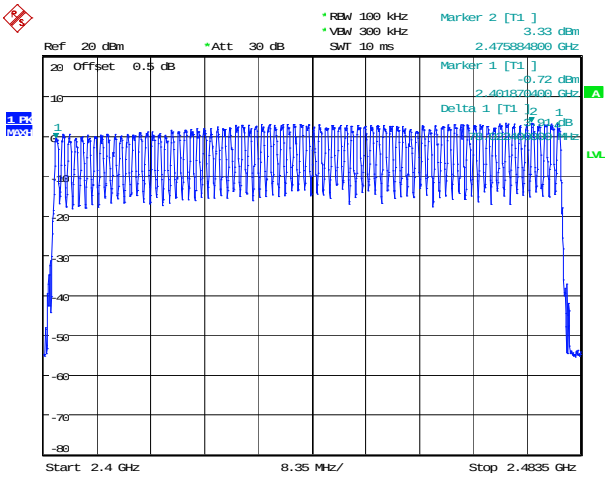
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 22.APR.2025 10:21:51

Number of Hopping Frequency

Mode	Channel	Result	Limit	Verdict
DH1	Hopping	79	15	Pass

Note: Only the BDR (GFSK) mode result is reported since EDR (π/4-DQPSK) and EDR (8DPSK) modes have the exact same channel plan.

DH1_Hopping

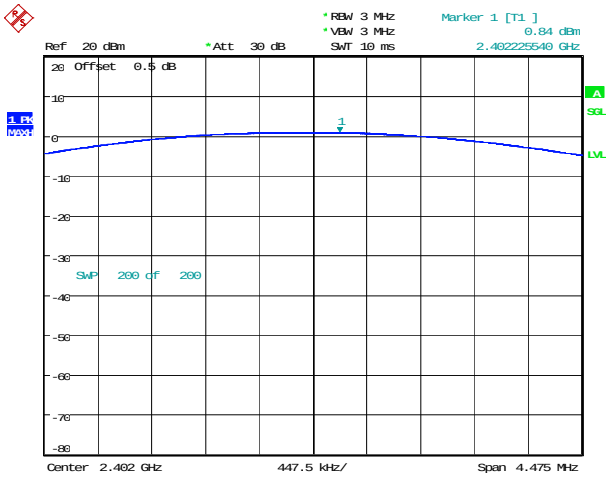


Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 27.APR.2025 10:00:58

Maximum Conducted Output Power

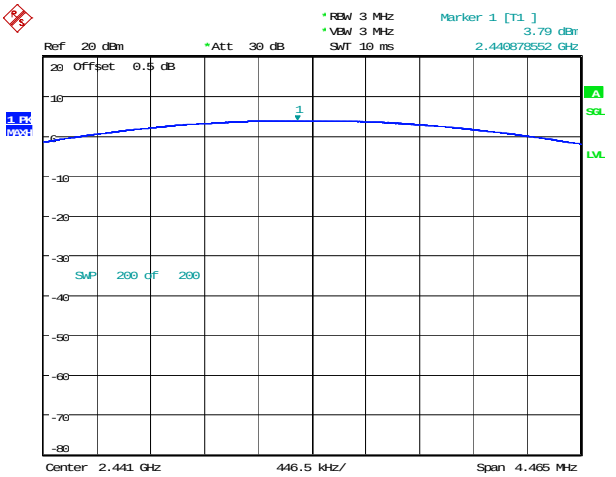
Mode	Test Frequency (MHz)	Peak Output Power (dBm)	Limit (dBm)	Verdict
DH1	2402	0.84	21.00	Pass
	2441	3.79	21.00	Pass
	2480	4.29	21.00	Pass
2DH1	2402	3.18	21.00	Pass
	2441	5.59	21.00	Pass
	2480	6.00	21.00	Pass
3DH1	2402	3.72	21.00	Pass
	2441	6.08	21.00	Pass
	2480	6.50	21.00	Pass

DH1_Low



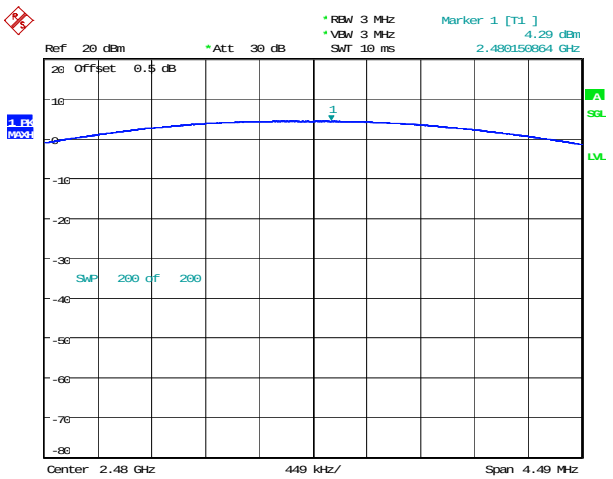
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 27.APR.2025 10:26:07

DH1_Middle



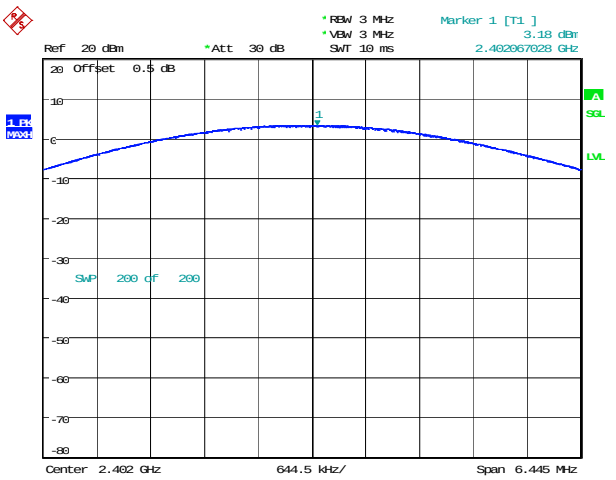
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:11:28

DH1_High



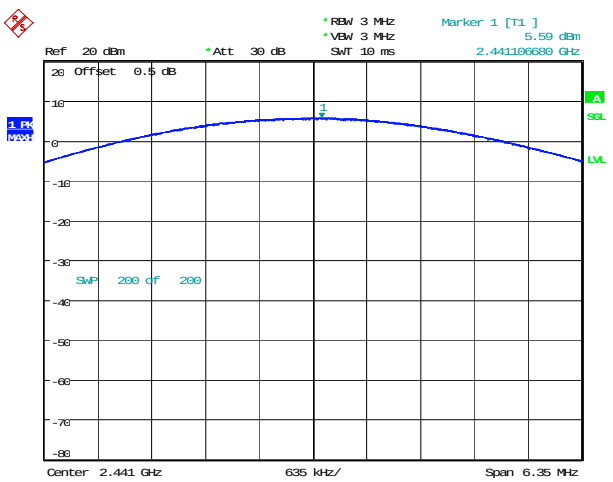
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:18:26

2DH1_Low



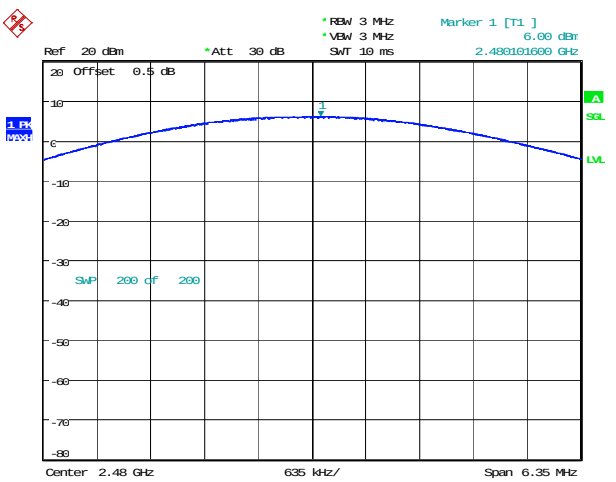
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:24:16

2DH1_Middle



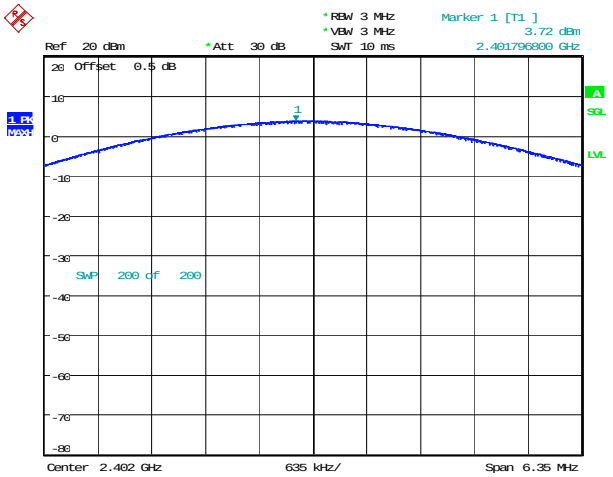
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:31:54

2DH1_High



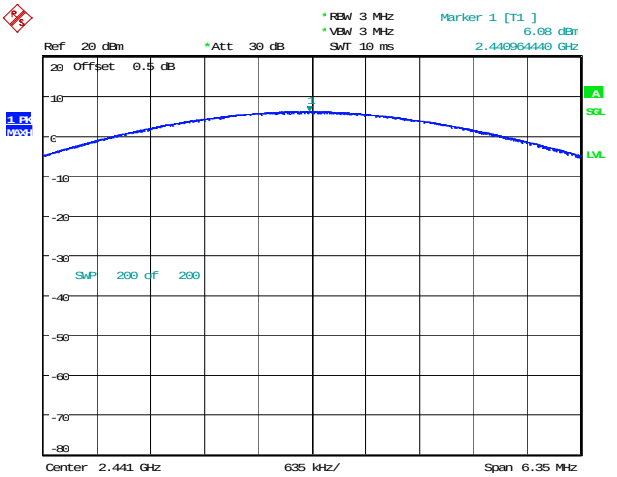
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 17:03:21

3DH1_Low



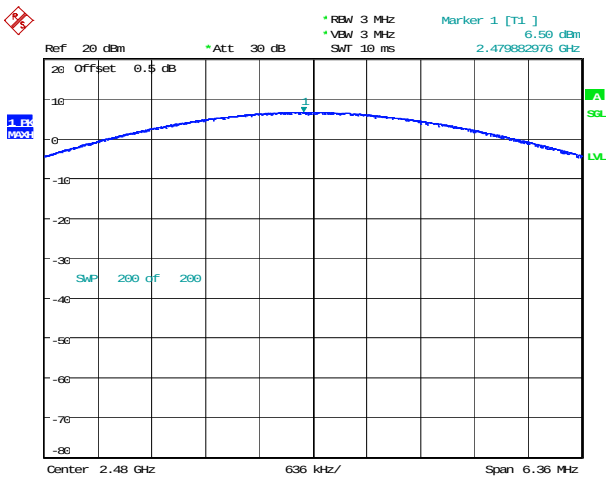
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:54:18

3DH1_Middle



Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 16:56:34

3DH1_High

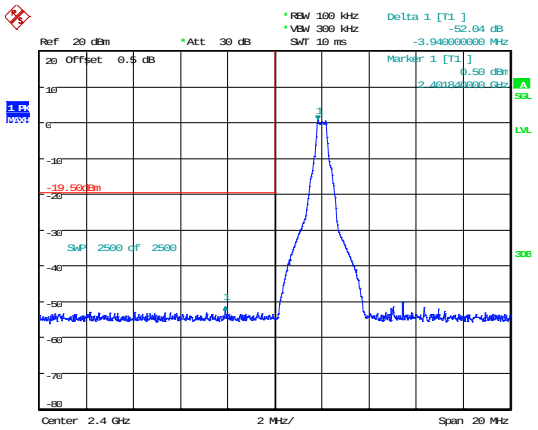


Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 21.APR.2025 17:00:36

100 kHz Bandwidth of Frequency Band Edge

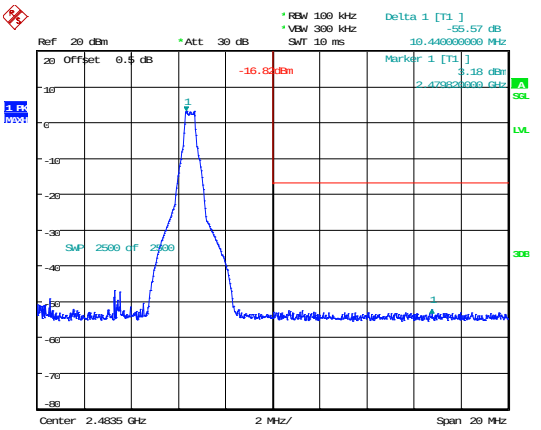
Mode	Channel	Result (dB)	Limit (dB)	Verdict
DH1	Low	52.04	20.00	Pass
	High	55.57	20.00	Pass
	Hopping_Lower	55.41	20.00	Pass
	Hopping_Upper	55.39	20.00	Pass
2DH1	Low	53.16	20.00	Pass
	High	55.08	20.00	Pass
	Hopping_Lower	55.41	20.00	Pass
	Hopping_Upper	55.36	20.00	Pass
3DH1	Low	52.79	20.00	Pass
	High	54.66	20.00	Pass
	Hopping_Lower	55.78	20.00	Pass
	Hopping_Upper	55.36	20.00	Pass

DH1_Low



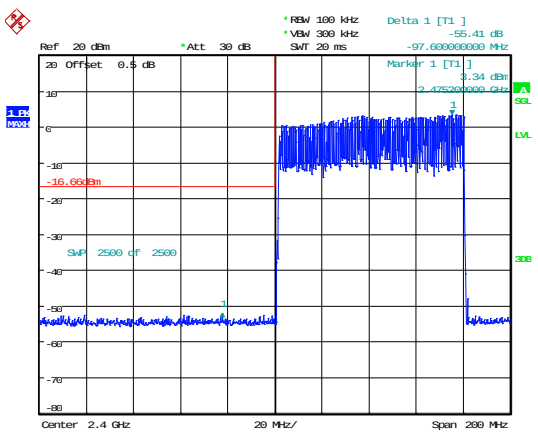
ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 27.JUN.2025 11:34:41

DH1_High



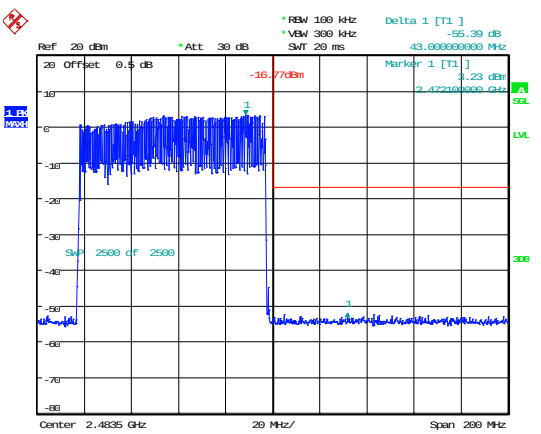
ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 27.JUN.2025 11:38:34

DH1_Hopping_Lower



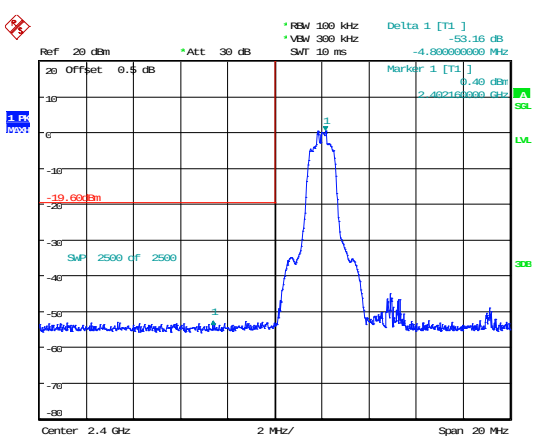
ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 27.JUN.2025 11:21:09

DH1_Hopping_Upper



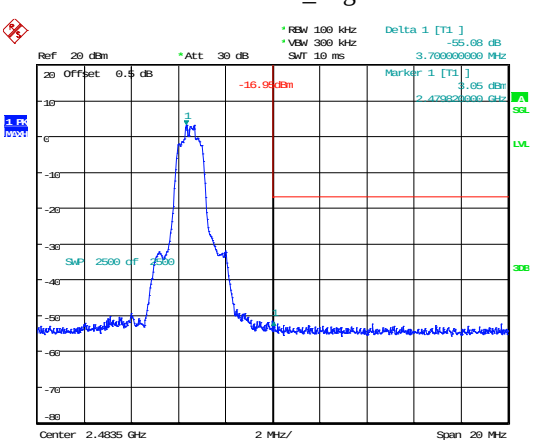
ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 27.JUN.2025 11:30:47

2DH1_Low



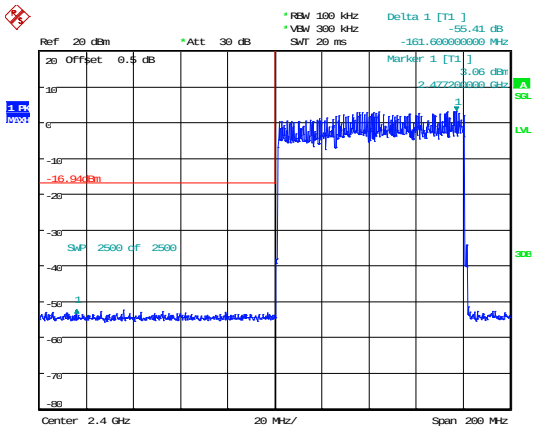
ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 27.JUN.2025 13:06:53

2DH1_High



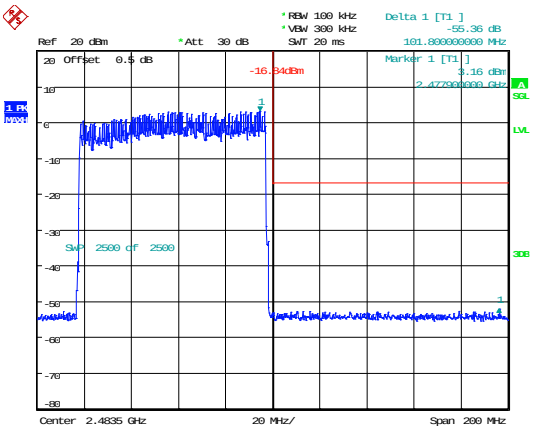
ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 27.JUN.2025 13:10:45

2DH1_Hopping_Lower



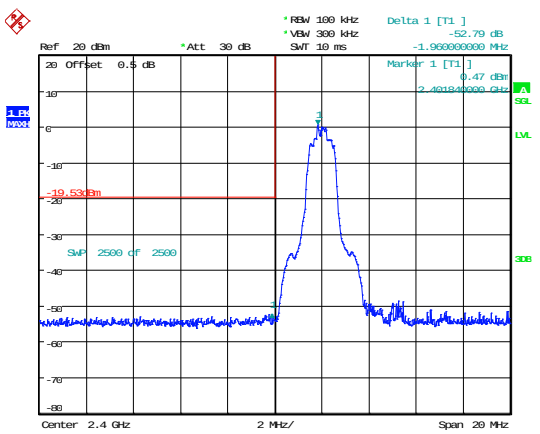
ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 27.JUN.2025 11:42:28

2DH1_Hopping_Upper



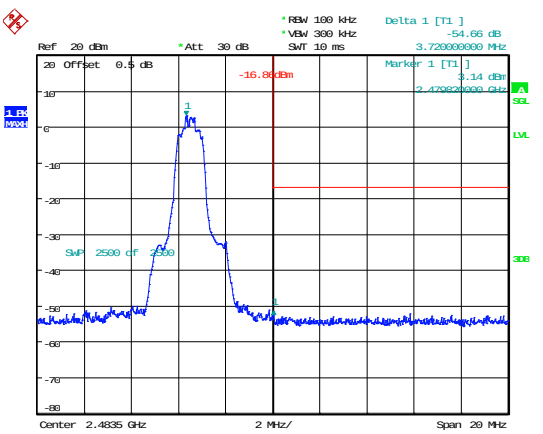
ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 27.JUN.2025 11:57:15

3DH1_Low



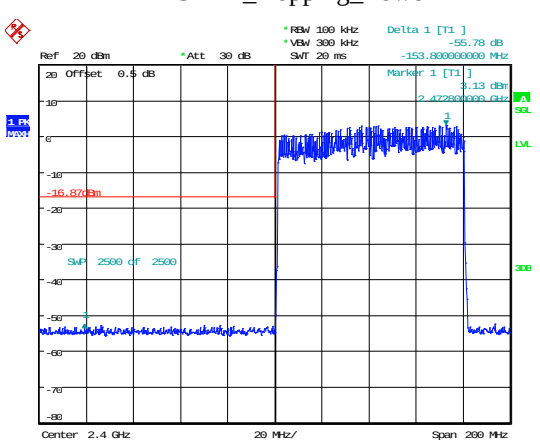
ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 27.JUN.2025 13:21:37

3DH1_High



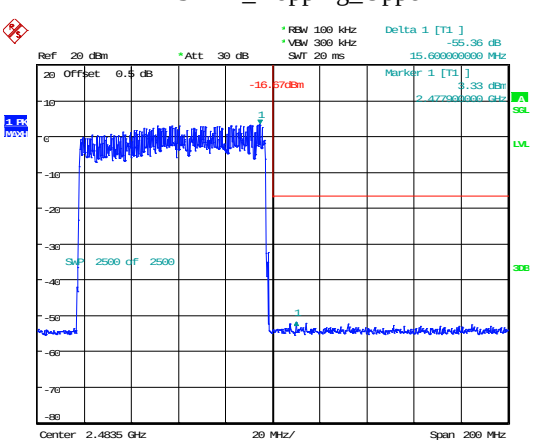
ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 27.JUN.2025 13:25:26

3DH1_Hopping_Lower



ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 27.JUN.2025 13:14:30

3DH1_Hopping_Upper



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Time of Occupancy (dwell time)

Mode	Channel	Pulse width (ms)	Dwell time (s)	Limit (s)	Verdict
DH1	Hopping	0.408	0.131	0.400	Pass
DH3	Hopping	1.668	0.267	0.400	Pass
DH5	Hopping	2.924	0.312	0.400	Pass
2DH1	Hopping	0.402	0.129	0.400	Pass
2DH3	Hopping	1.658	0.265	0.400	Pass
2DH5	Hopping	2.912	0.311	0.400	Pass
3DH1	Hopping	0.401	0.128	0.400	Pass
3DH3	Hopping	1.656	0.265	0.400	Pass
3DH5	Hopping	2.916	0.311	0.400	Pass

Note:

DH1:Dwell time=Pulse width (ms) × (1600/2/79) ×31.6 s

DH3:Dwell time=Pulse width (ms) × (1600/4/79) ×31.6 s

DH5:Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

2DH1: Dwell time=Pulse width (ms) × (1600/2/79) ×31.6 s

2DH3: Dwell time=Pulse width (ms) × (1600/4/79) ×31.6 s

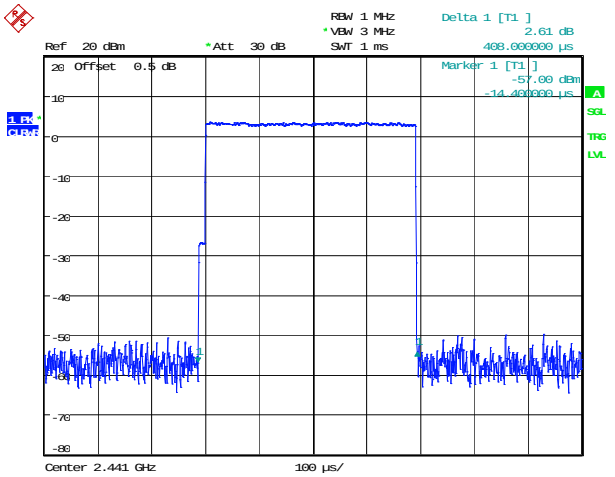
2DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

3DH1: Dwell time=Pulse width (ms) × (1600/2/79) ×31.6 s

3DH3: Dwell time=Pulse width (ms) × (1600/4/79) ×31.6 s

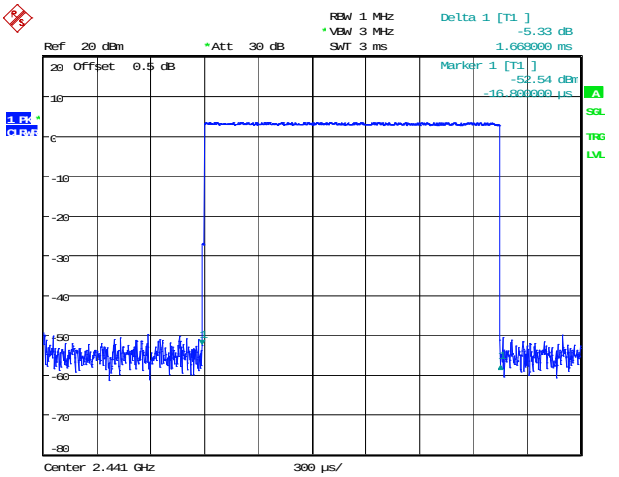
3DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

DH1_Hopping



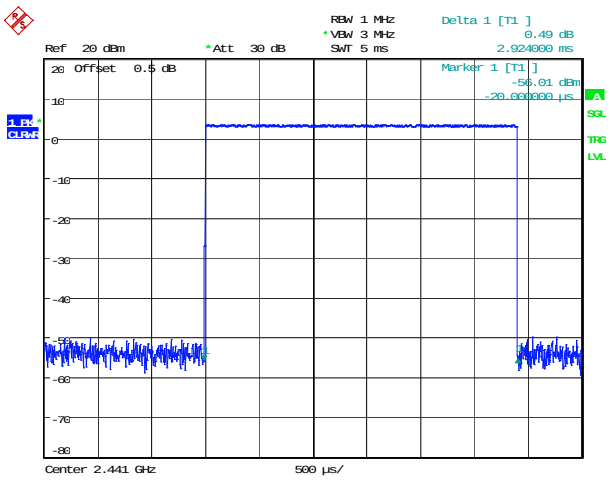
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 22.APR.2025 11:26:29

DH3_Hopping



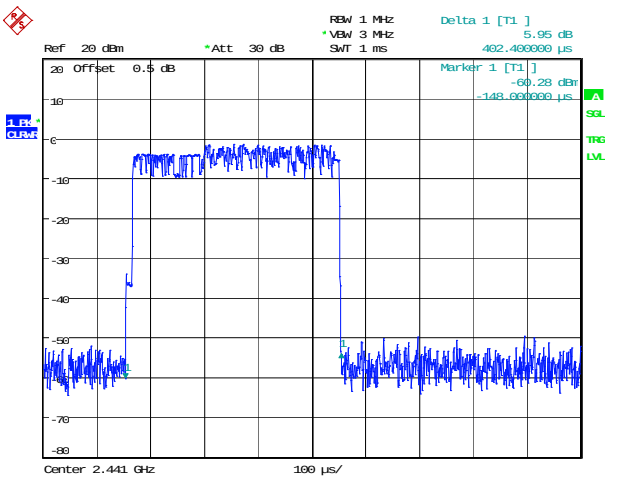
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 22.APR.2025 11:27:19

DH5_Hopping



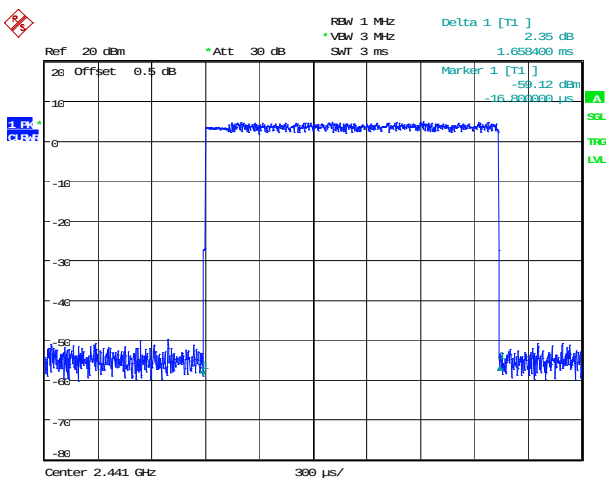
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 22.APR.2025 11:51:30

2DH1_Hopping



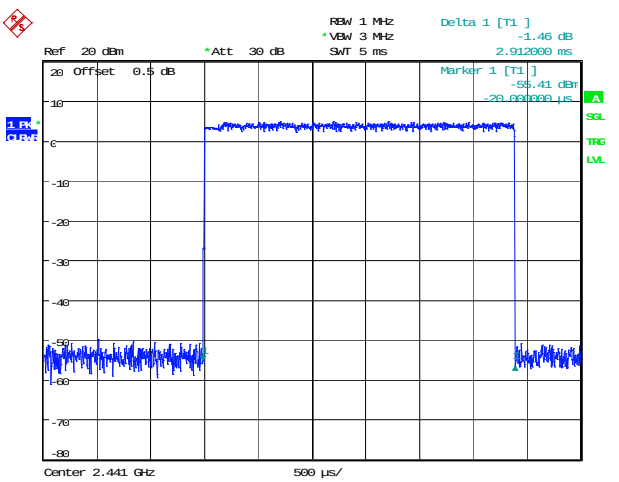
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 22.APR.2025 11:29:13

2DH3_Hopping



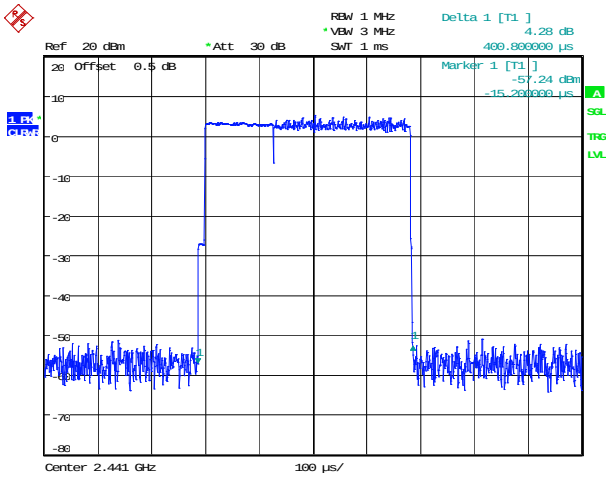
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 22.APR.2025 11:30:03

2DH5_Hopping



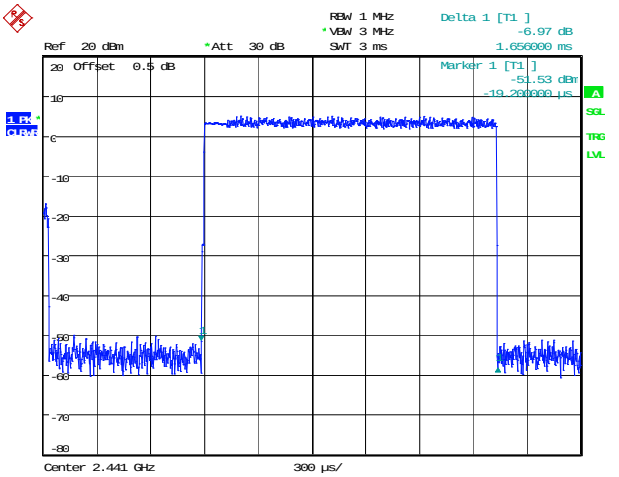
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 22.APR.2025 11:31:05

3DH1_Hopping



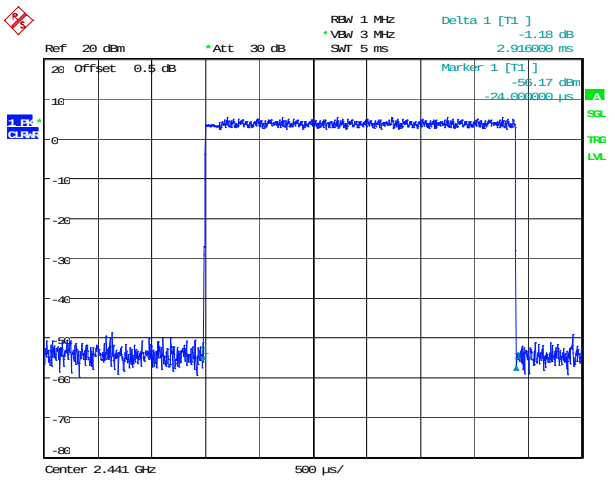
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 22.APR.2025 11:31:56

3DH3_Hopping



Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 22.APR.2025 11:33:32

3DH5_Hopping



Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li
Date: 22.APR.2025 11:34:33

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