Appendix A

Test Information:

Sample No.:	31B1-1	**Test Date:**	2025/04/30
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Chin Qin	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	25.9	**Relative Humidity: (%)**	59	**ATM Pressure: (kPa)**	101.7

Test Equipment List and Details:

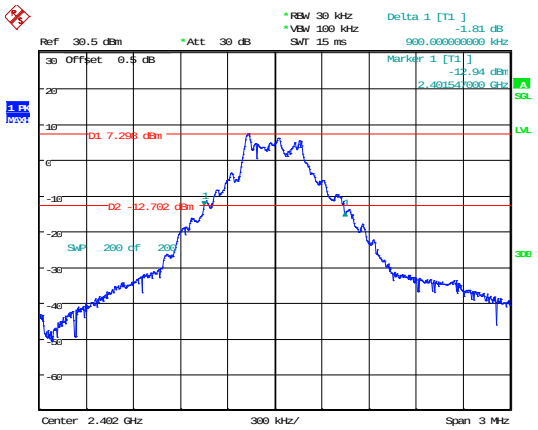
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	200256	2025/03/31	2026/03/30

** 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

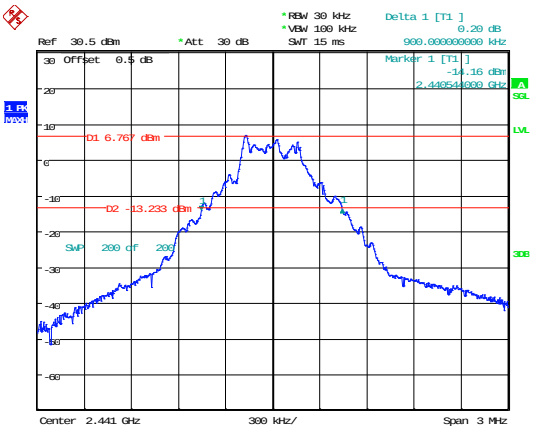
Mode	Channel	Result (MHz)
DH1	Low	0.900
	Middle	0.900
	High	0.894
2DH1	Low	1.266
	Middle	1.269
	High	1.269
3DH1	Low	1.260
	Middle	1.263
	High	1.260

DH1_Low



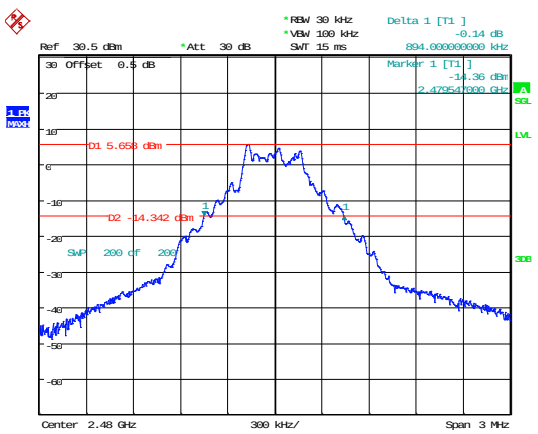
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 20:40:37

DH1_Middle



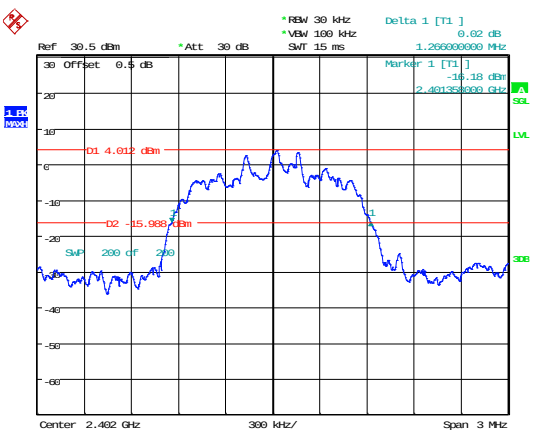
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 20:50:06

DH1_High



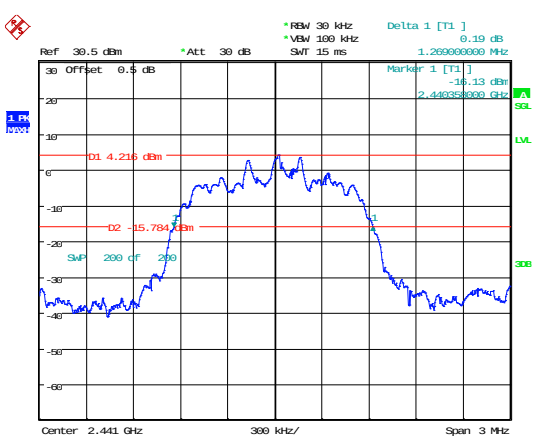
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 20:51:40

2DH1_Low



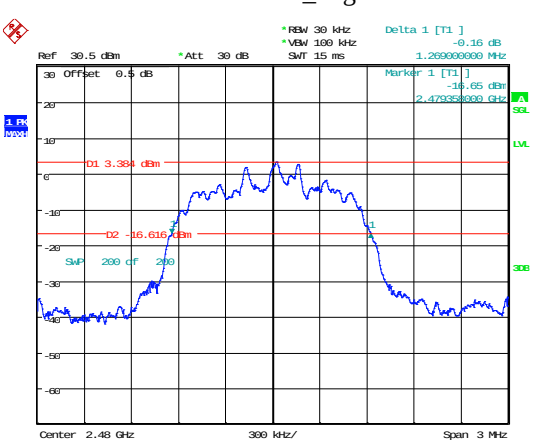
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 20:58:55

2DH1_Middle



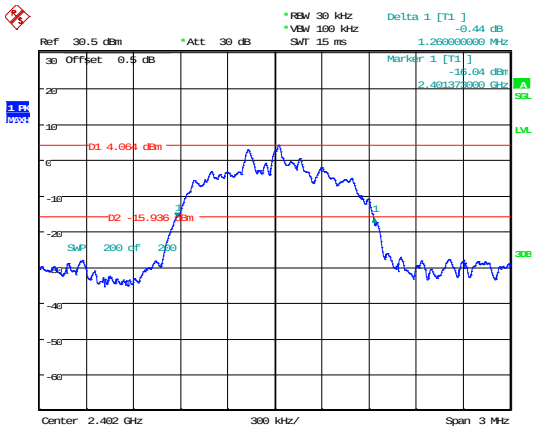
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:03:25

2DH1_High



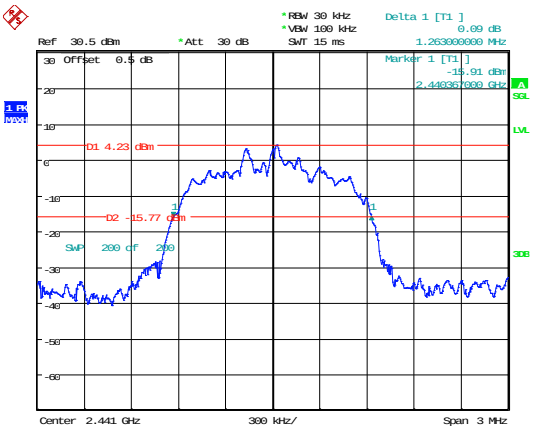
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:04:55

3DH1_Low



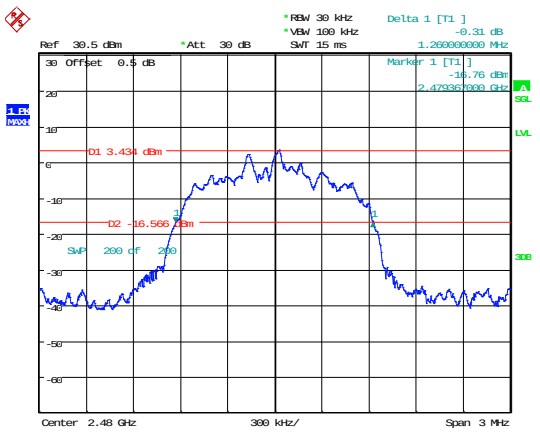
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:10:03

3DH1_Middle



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:15:22

3DH1_High

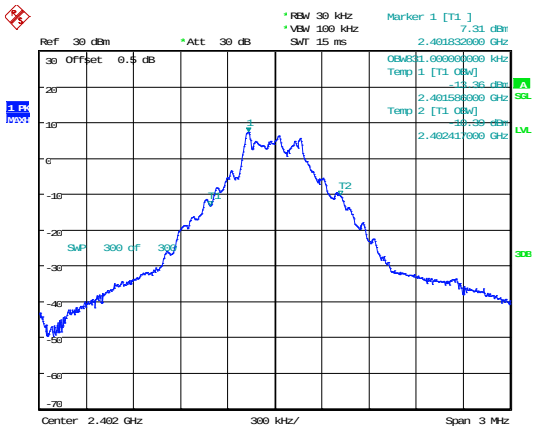


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:19:19

99% Occupied Bandwidth

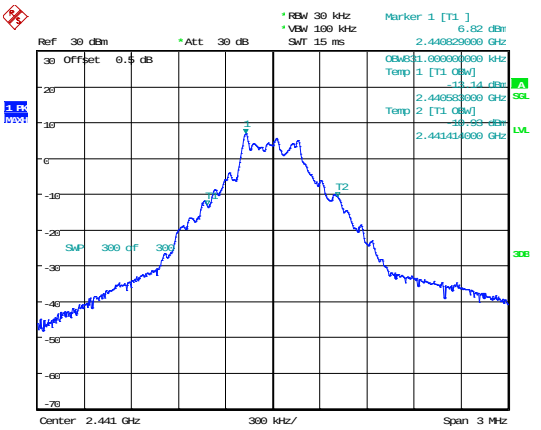
Mode	Channel	99% OBW (MHz)
DH1	Low	0.831
	Middle	0.831
	High	0.834
2DH1	Low	1.182
	Middle	1.167
	High	1.170
3DH1	Low	1.182
	Middle	1.170
	High	1.167

DH1_Low



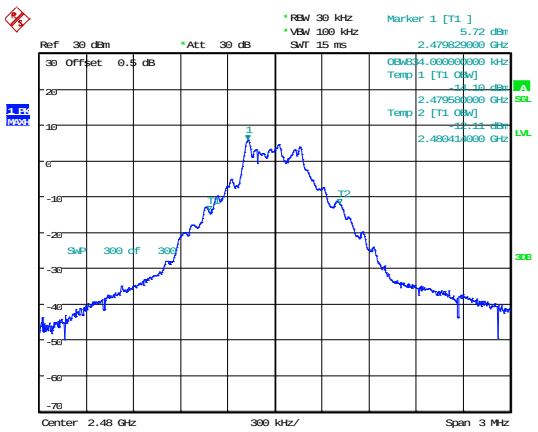
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 20:44:14

DH1_Middle



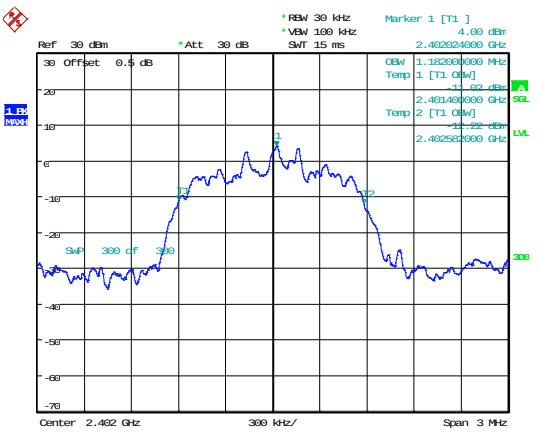
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 20:50:43

DH1_High



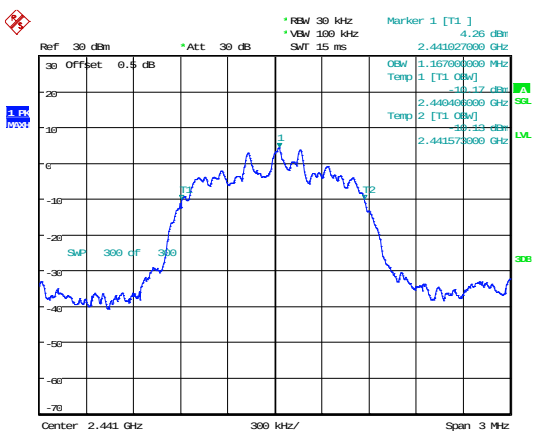
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 20:55:13

2DH1_Low



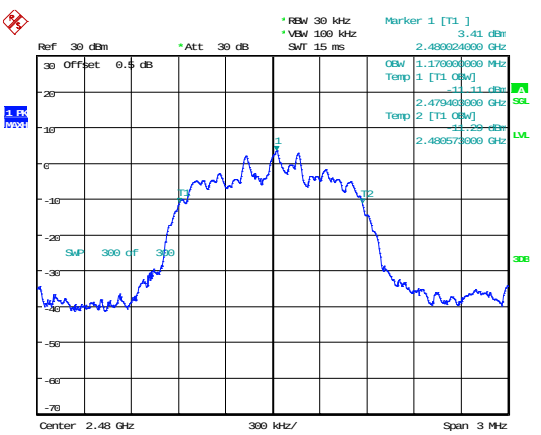
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:02:26

2DH1_Middle



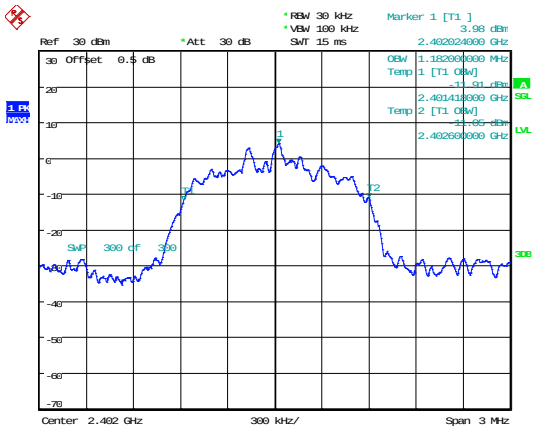
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:04:02

2DH1_High



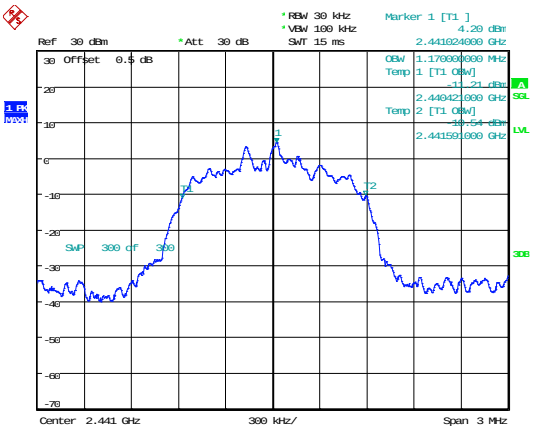
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:08:24

3DH1_Low



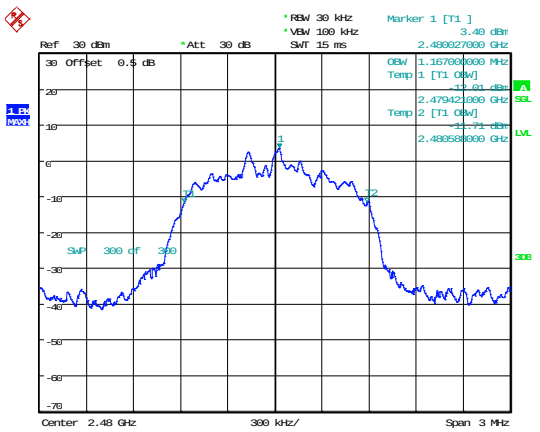
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:13:36

3DH1_Middle



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:15:59

3DH1_High



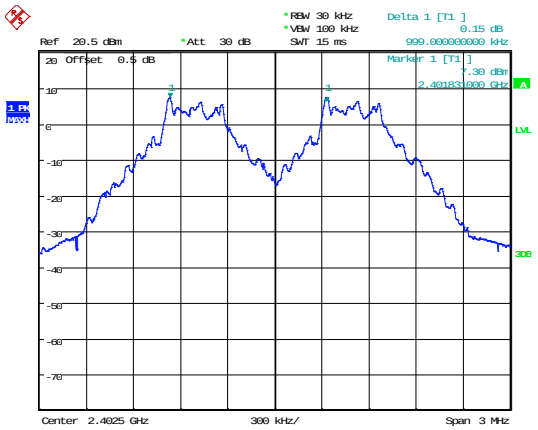
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:22:51

Channel Separation

Mode	Channel	Result (MHz)	Limit (MHz)	Verdict
DH1	Low	0.999	0.846	Pass
	Middle	1.002	0.846	Pass
	High	0.999	0.846	Pass

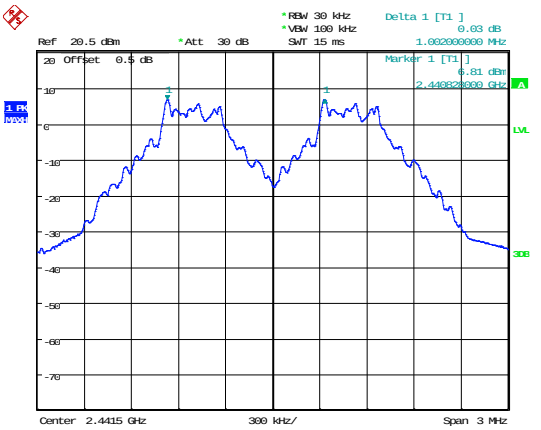
Note: Only the BDR (GFSK) mode result is reported since EDR (π/4-DQPSK) and EDR (8DPSK) modes have the exact same channel plan, and the limit is the maximum 20dB bandwidth *2/3.

DH1_Low



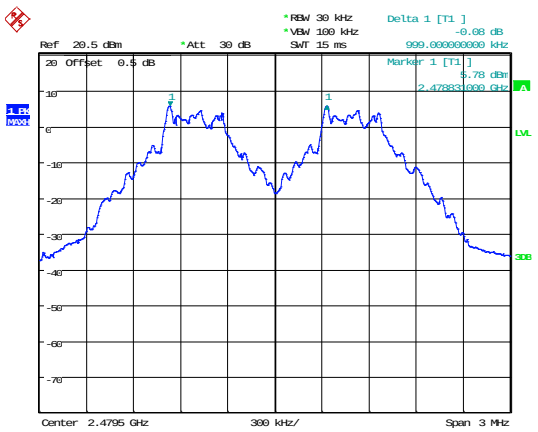
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 22:15:46

DH1_Middle



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 22:18:02

DH1_High



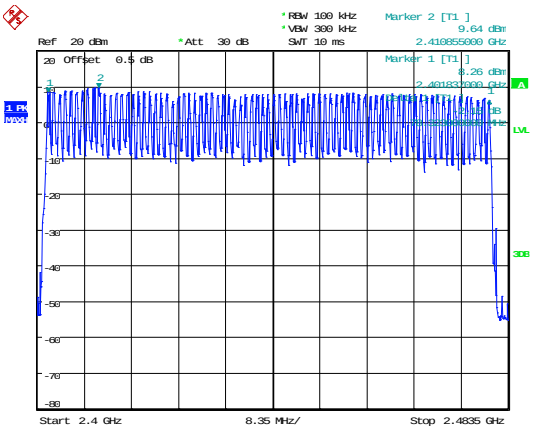
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 22:19:51

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

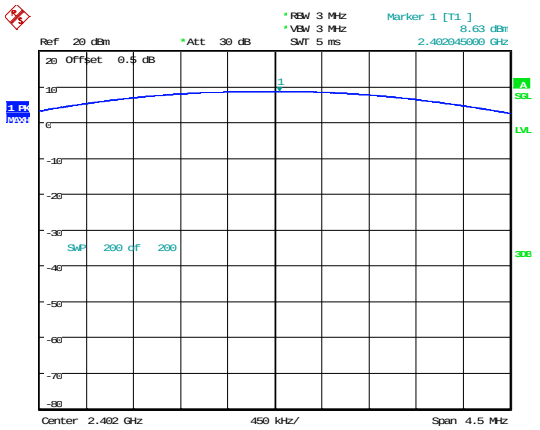


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:29:25

Maximum Conducted Output Power

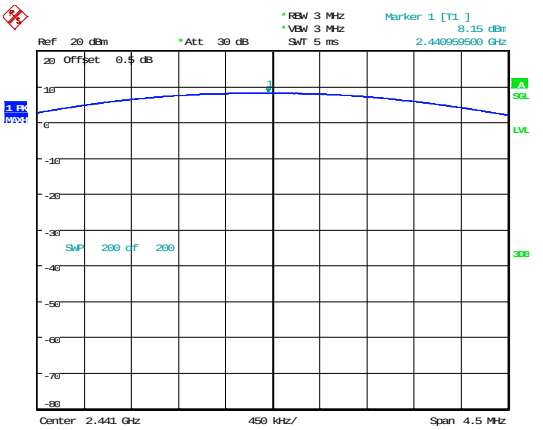
Mode	Test Frequency (MHz)	Peak Output Power (dBm)	Limit (dBm)	Verdict
DH1	2402	8.63	21.00	Pass
	2441	8.15	21.00	Pass
	2480	7.08	21.00	Pass
2DH1	2402	7.99	21.00	Pass
	2441	8.32	21.00	Pass
	2480	7.37	21.00	Pass
3DH1	2402	8.44	21.00	Pass
	2441	8.76	21.00	Pass
	2480	7.83	21.00	Pass

DH1_Low



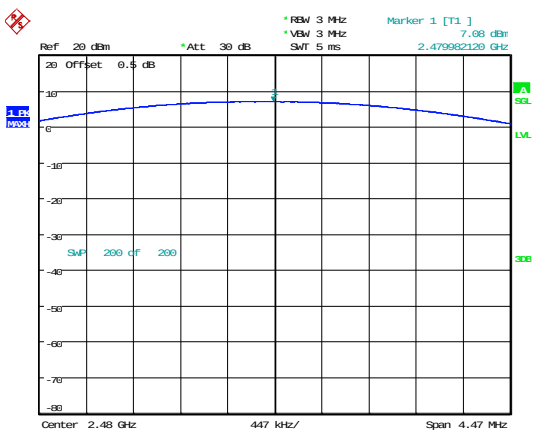
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 20:44:32

DH1_Middle



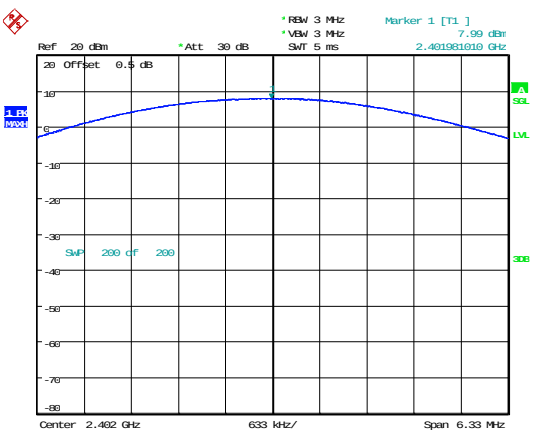
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 20:51:02

DH1_High



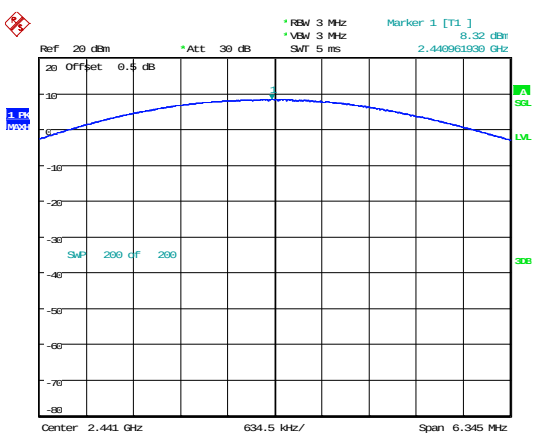
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 20:58:04

2DH1_Low



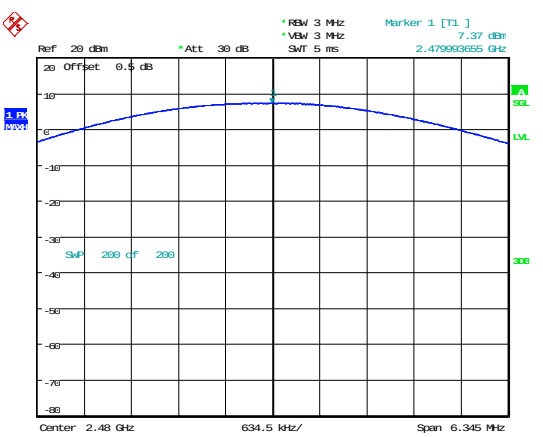
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:02:49

2DH1_Middle



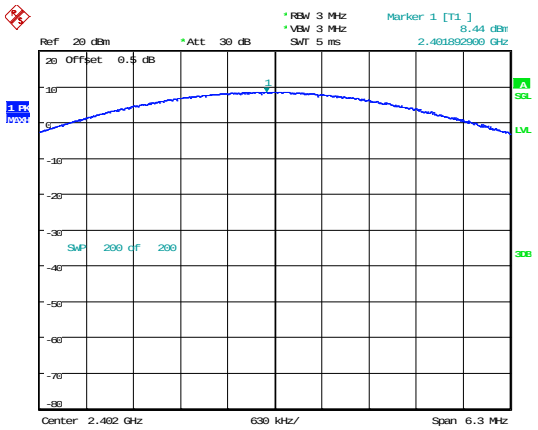
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:04:20

2DH1_High



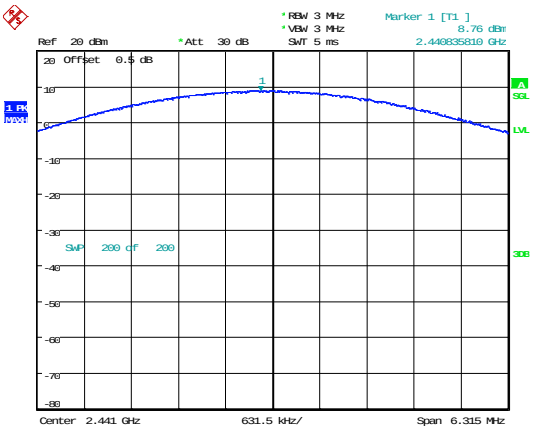
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:09:02

3DH1_Low



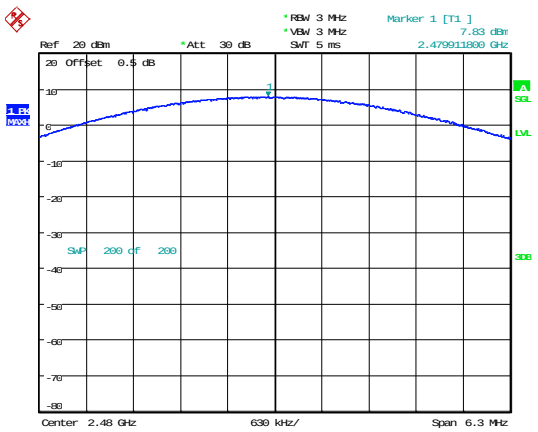
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:13:53

3DH1_Middle



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:17:17

3DH1_High

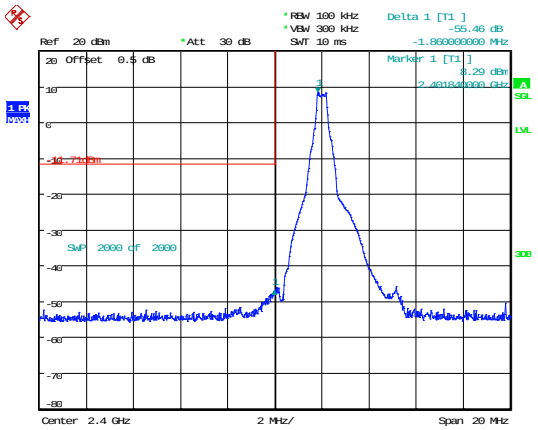


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:25:36

100 kHz Bandwidth of Frequency Band Edge

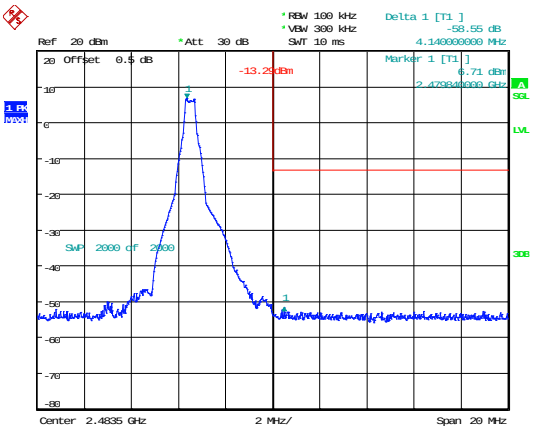
Mode	Channel	Result (dB)	Limit (dB)	Verdict
DH1	Low	55.46	20.00	Pass
	High	58.55	20.00	Pass
	Hopping_Lower	58.72	20.00	Pass
	Hopping_Upper	60.15	20.00	Pass
2DH1	Low	40.28	20.00	Pass
	High	57.28	20.00	Pass
	Hopping_Lower	42.25	20.00	Pass
	Hopping_Upper	58.23	20.00	Pass
3DH1	Low	40.65	20.00	Pass
	High	57.42	20.00	Pass
	Hopping_Lower	43.37	20.00	Pass
	Hopping_Upper	58.26	20.00	Pass

DH1_Low



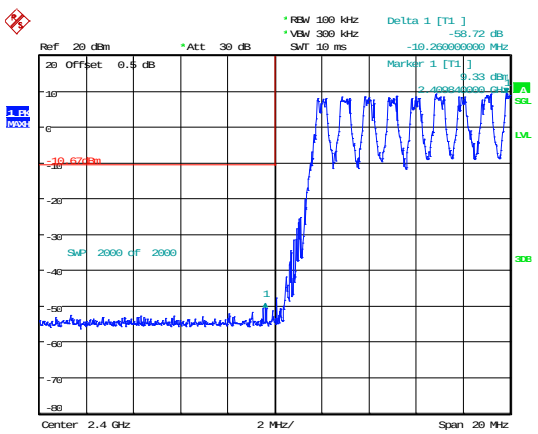
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 20:43:34

DH1_High



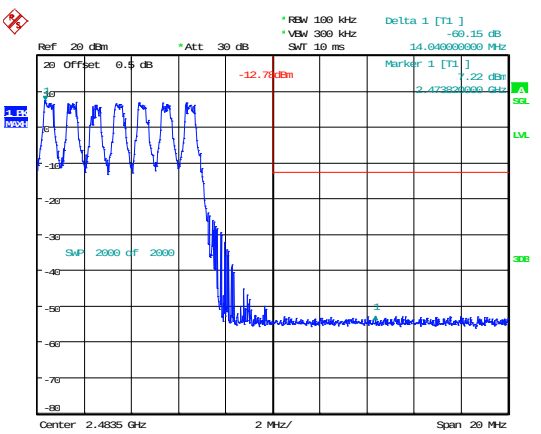
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 20:54:34

DH1_Hopping_Lower



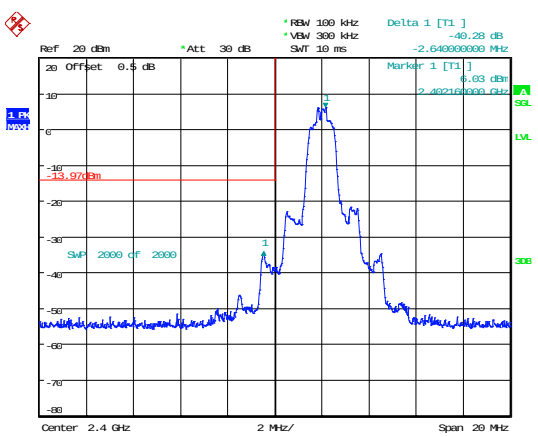
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:32:46

DH1_Hopping_Upper



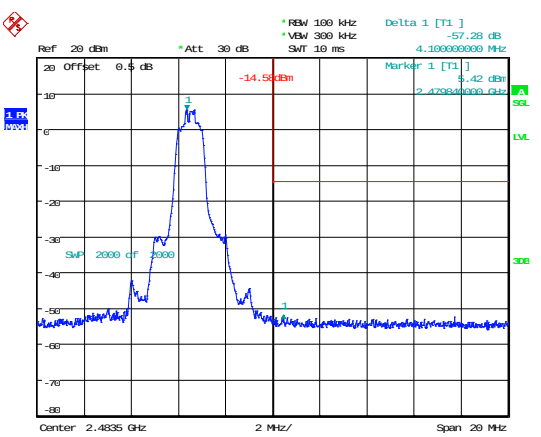
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:35:49

2DH1_Low



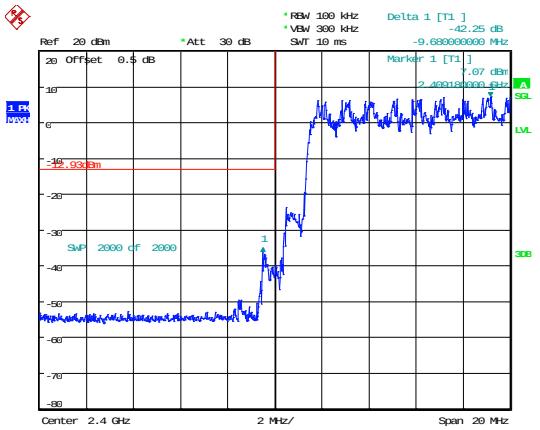
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:01:47

2DH1_High



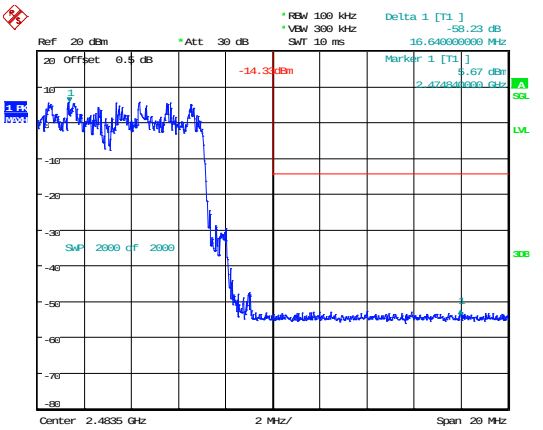
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:07:47

2DH1_Hopping_Lower



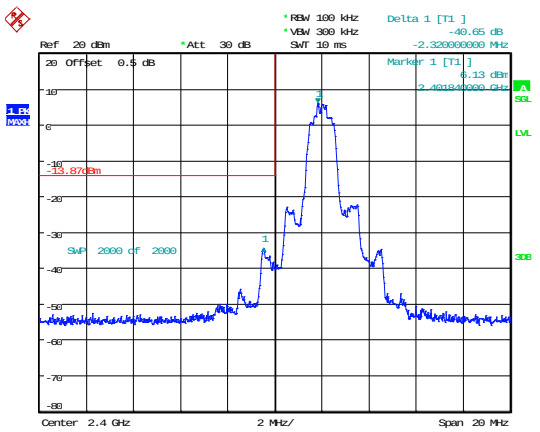
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:41:13

2DH1_Hopping_Upper



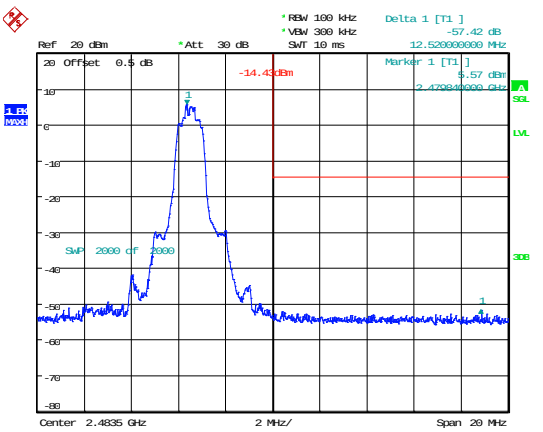
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:44:29

3DH1_Low



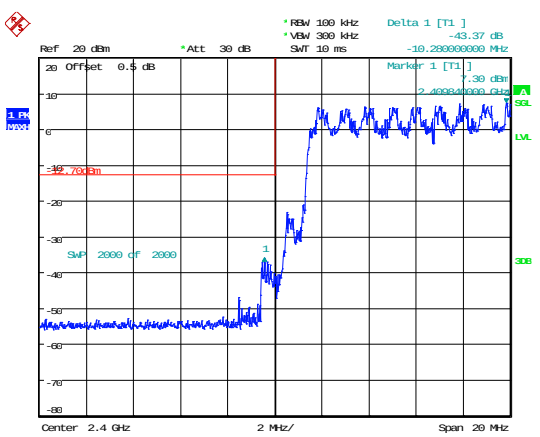
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:12:56

3DH1_High



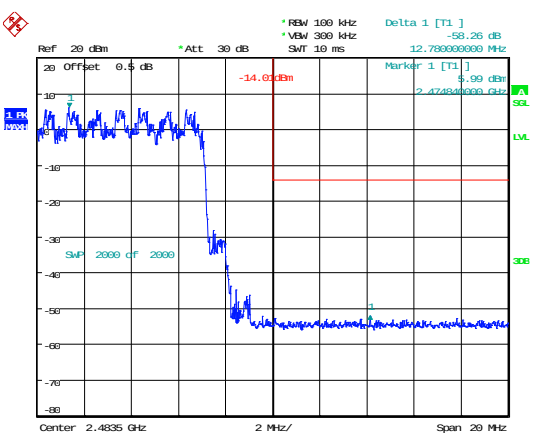
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:22:12

3DH1_Hopping_Lower



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:51:28

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	0.409	0.131	0.400	Pass
DH3	Hopping	1.674	0.268	0.400	Pass
DH5	Hopping	2.940	0.314	0.400	Pass
2DH1	Hopping	0.403	0.129	0.400	Pass
2DH3	Hopping	1.662	0.266	0.400	Pass
2DH5	Hopping	2.935	0.313	0.400	Pass
3DH1	Hopping	0.401	0.128	0.400	Pass
3DH3	Hopping	1.659	0.265	0.400	Pass
3DH5	Hopping	2.935	0.313	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

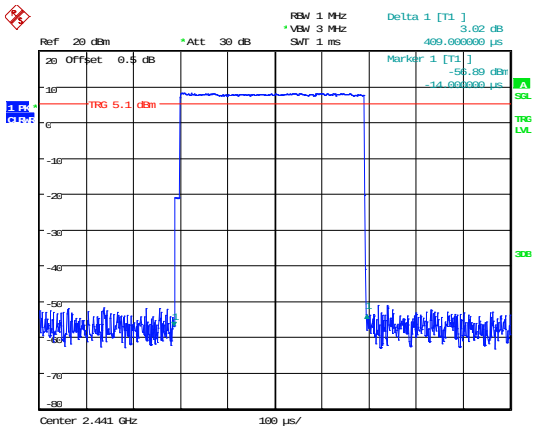
2DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

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

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

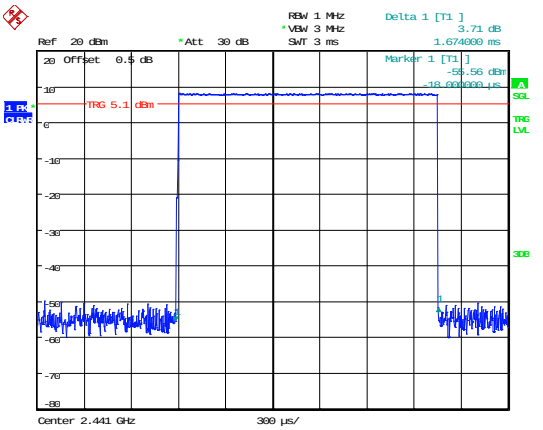
3DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

DH1_Hopping



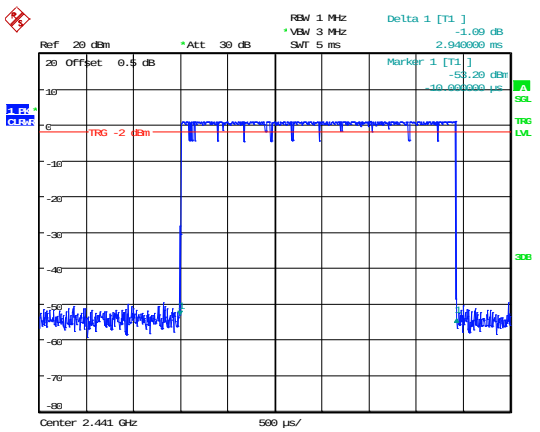
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:56:51

DH3_Hopping



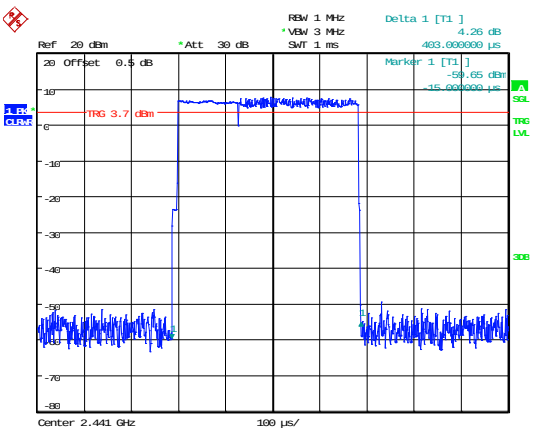
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 21:59:30

DH5_Hopping



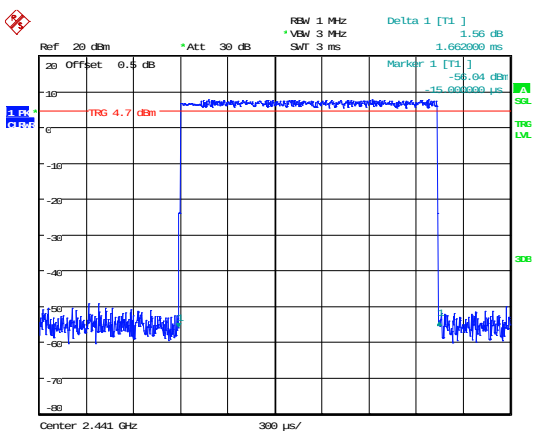
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 22:00:31

2DH1_Hopping



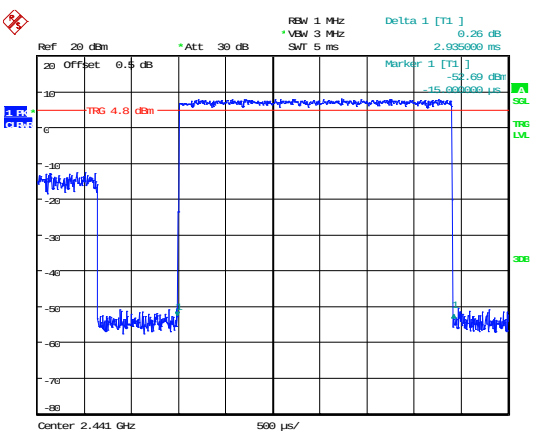
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 22:01:31

2DH3_Hopping



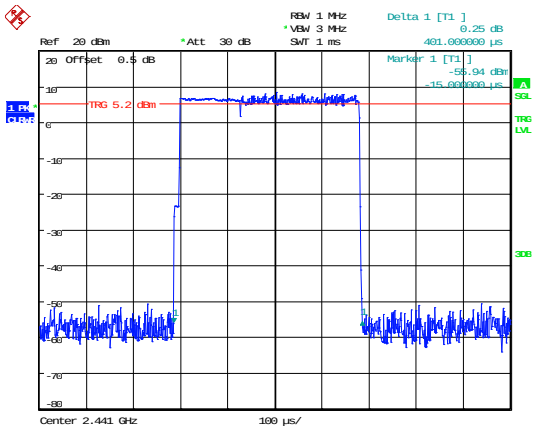
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 22:02:27

2DH5_Hopping



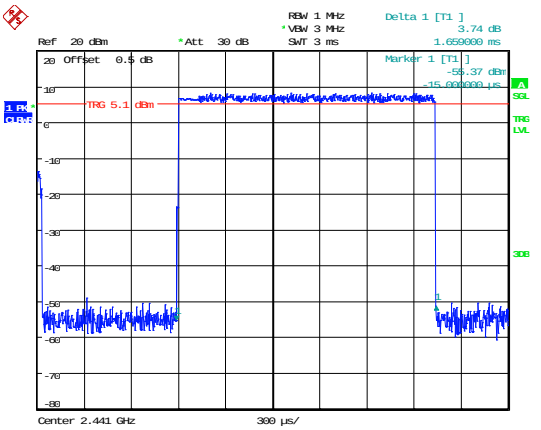
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 22:03:53

3DH1_Hopping



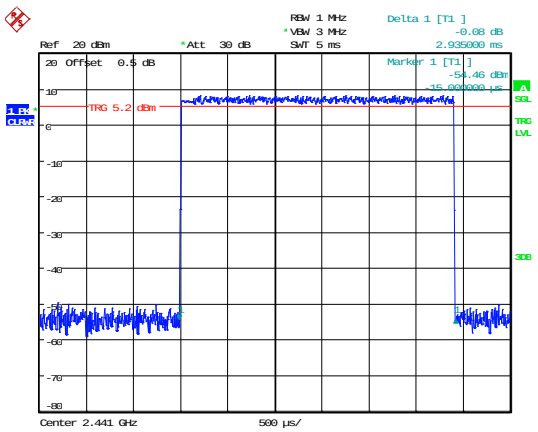
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 22:07:11

3DH3_Hopping



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 22:12:42

3DH5_Hopping



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 30.APR.2025 22:13:57

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