

Test Information:

Sample No.:	2Z6H-2	Test Date:	2025/04/01~2025/04/18
Test Site:	RF	Test Mode:	Transmitting
Tester:	Leo Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	22.8-24.8	Relative Humidity: (%)	46-56	ATM Pressure: (kPa)	100.4-101.4
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Test Equipment List and Details:

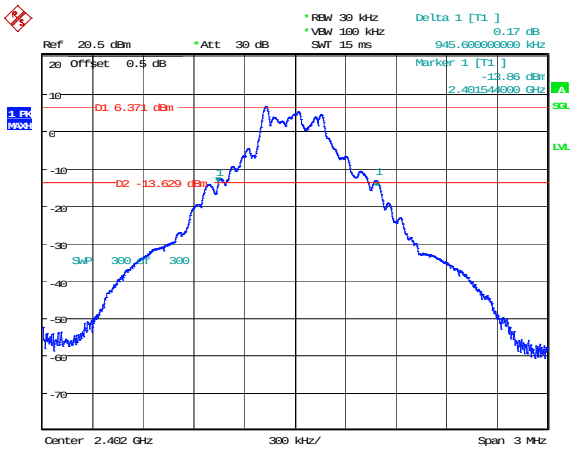
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	100147	2025/03/31	2026/03/30
R&S	Spectrum Analyzer	FSU26	200256	2025/03/31	2026/03/30
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A

* 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

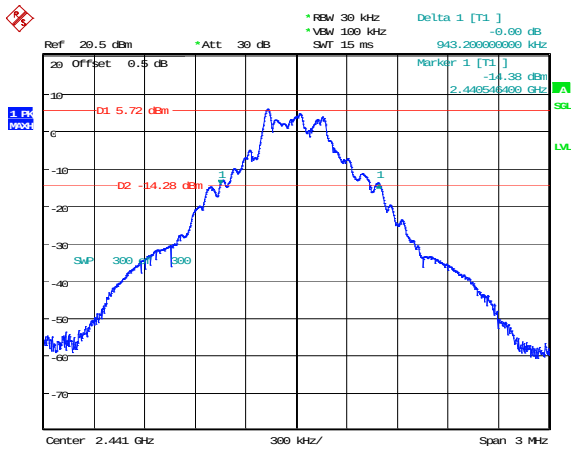
Mode	Channel	Result (MHz)
DH1	Low	0.946
	Middle	0.943
	High	0.888
2DH1	Low	1.265
	Middle	1.270
	High	1.267
3DH1	Low	1.255
	Middle	1.258
	High	1.262

DH1_Low 0.946MHz



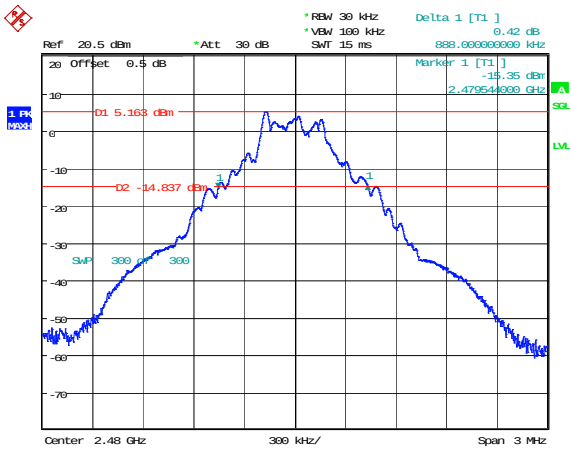
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I
Date: 1.APR.2025 14:38:03

DH1_Middle 0.943MHz



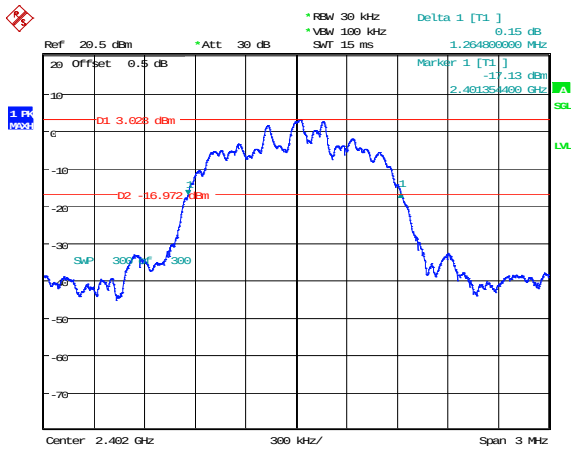
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I
Date: 1.APR.2025 14:44:06

DH1_High 0.888MHz



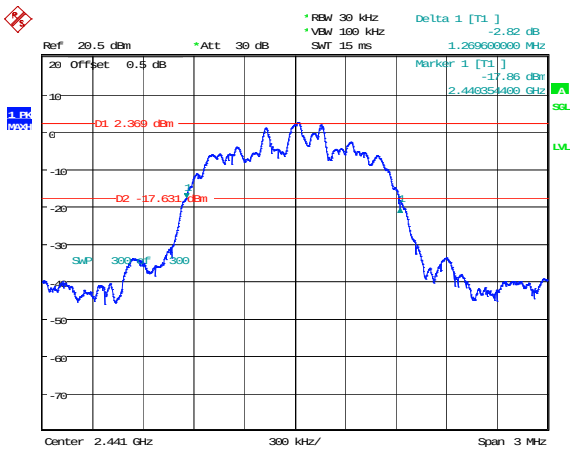
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I
Date: 1.APR.2025 14:47:28

2DH1_Low 1.265MHz



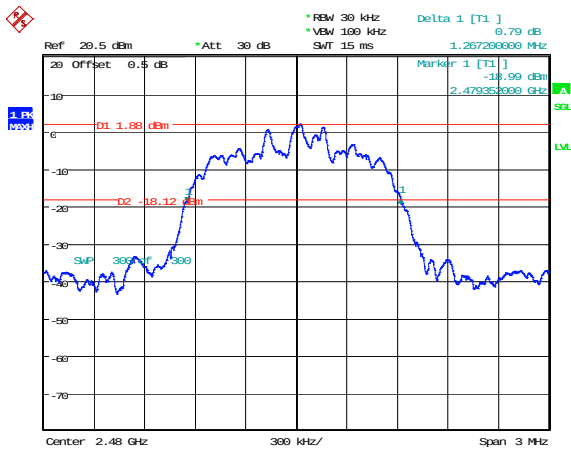
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I
Date: 1.APR.2025 14:53:49

2DH1_Middle 1.270MHz



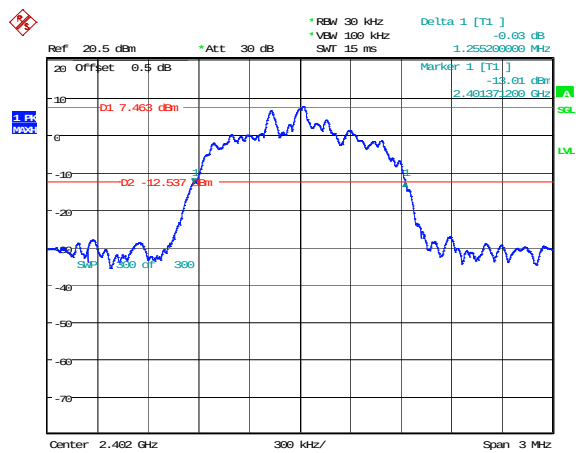
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I
Date: 1.APR.2025 14:58:43

2DH1_High 1.267MHz



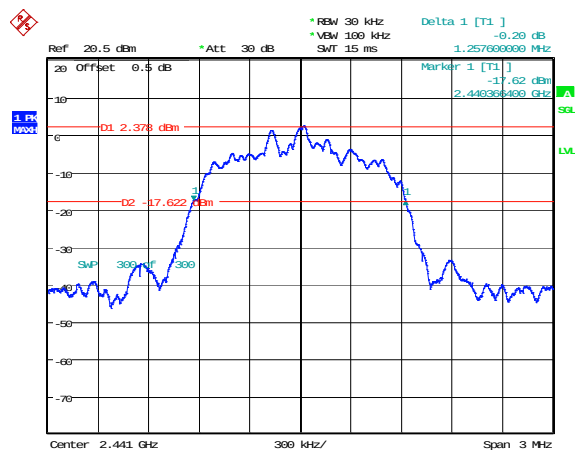
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I
Date: 1.APR.2025 15:01:00

3DH1_Low 1.255MHz



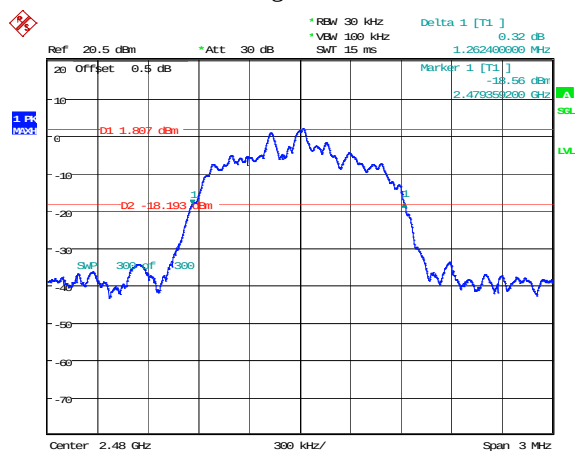
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 15:07:00

3DH1_Middle 1.258MHz



Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 15:11:55

3DH1_High 1.262MHz

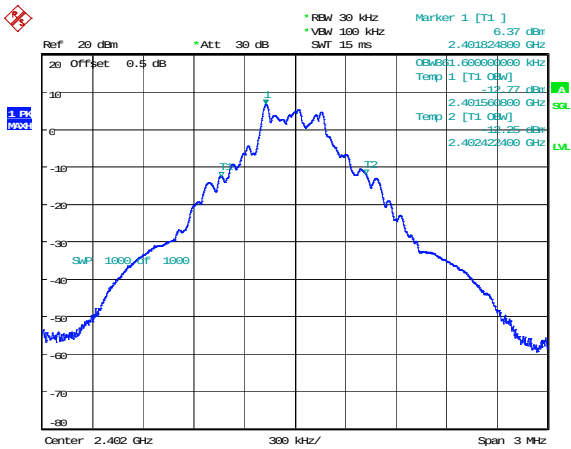


Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 15:14:16

99% Occupied Bandwidth

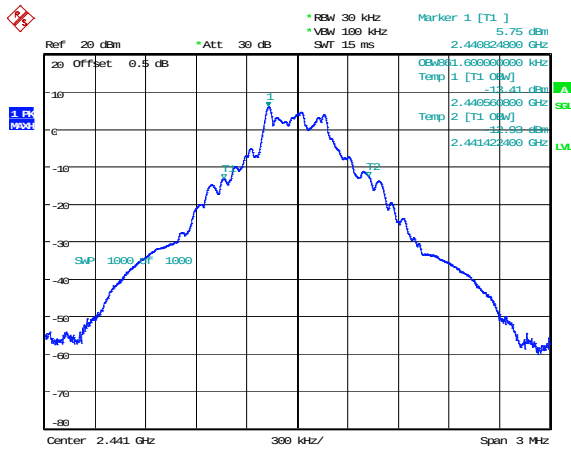
Mode	Channel	99% OBW (MHz)
DH1	Low	0.862
	Middle	0.862
	High	0.862
2DH1	Low	1.164
	Middle	1.164
	High	1.178
3DH1	Low	1.162
	Middle	1.162
	High	1.176

DH1_Low 0.862MHz



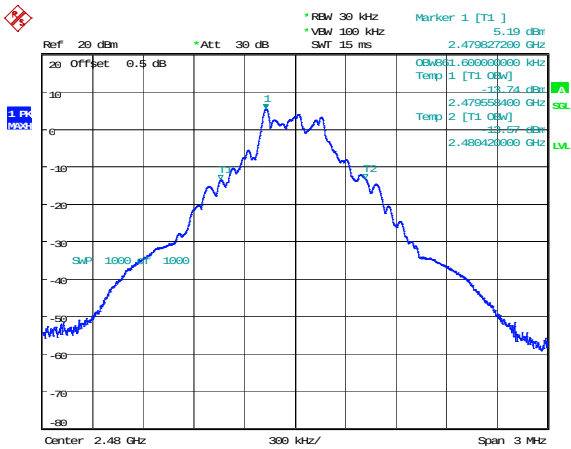
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 14:41:57

DH1_Middle 0.862MHz



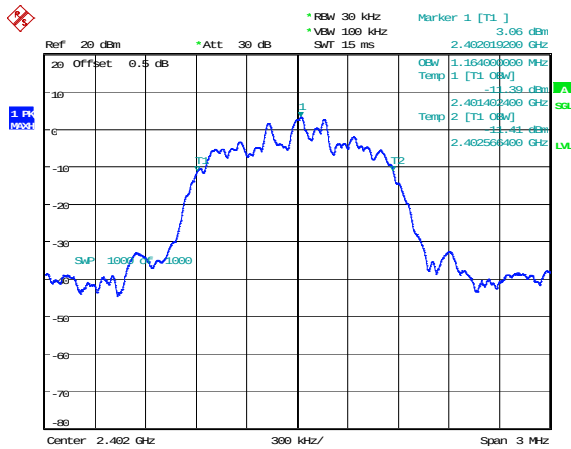
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 14:45:22

DH1_High 0.862MHz



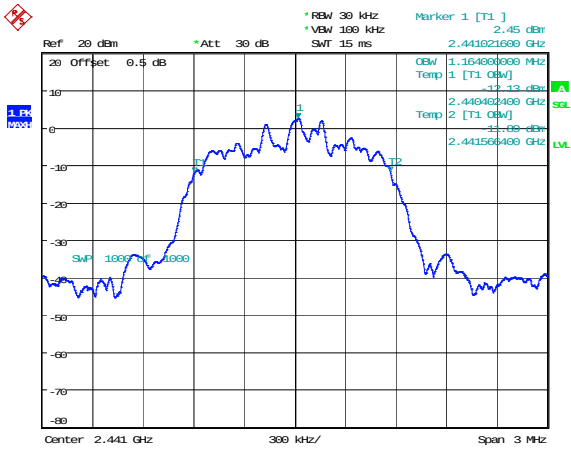
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 14:51:47

2DH1_Low 1.164MHz



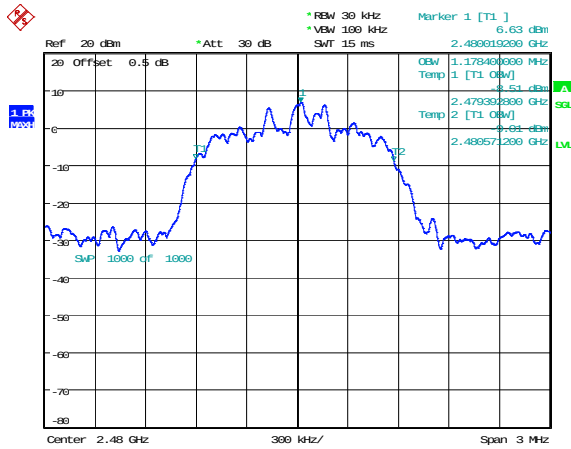
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 14:57:42

2DH1_Middle 1.164MHz



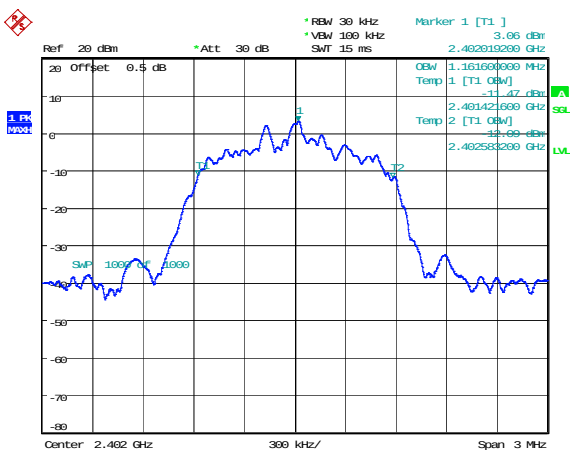
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 14:59:58

2DH1_High 1.178MHz



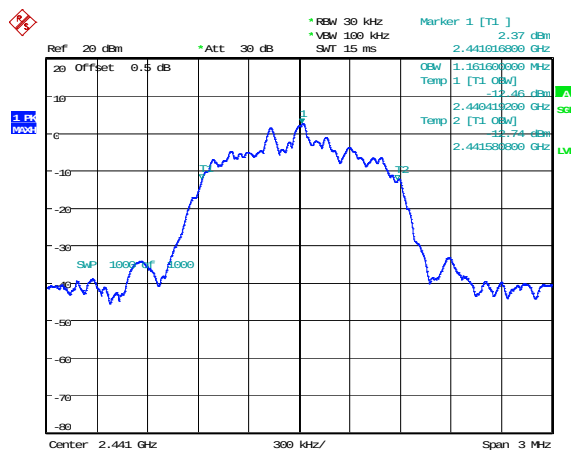
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 15:05:18

3DH1_Low 1.162MHz



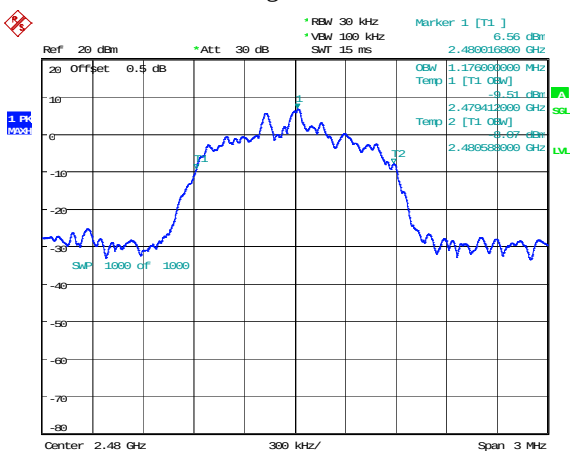
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 15:10:55

3DH1_Middle 1.162MHz



Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 15:13:11

3DH1_High 1.176MHz



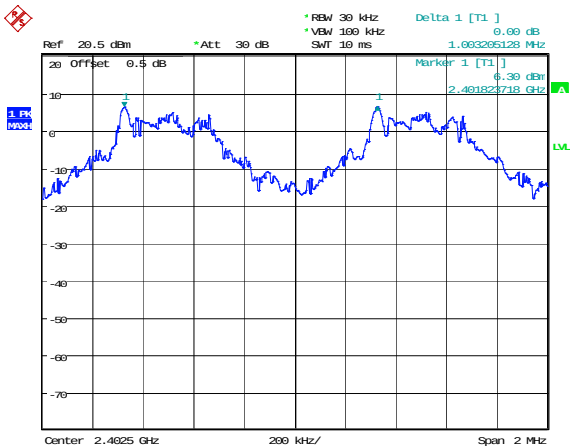
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 15:18:34

Channel Separation

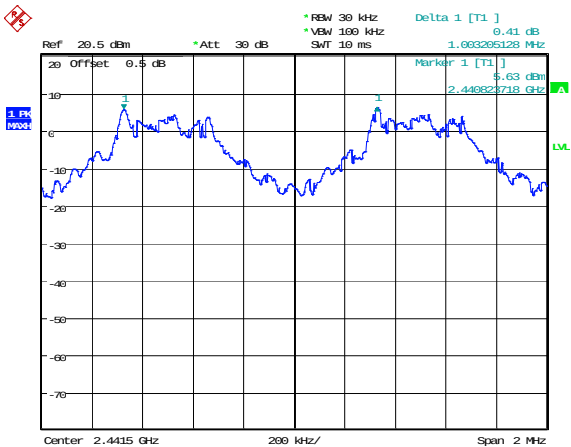
Mode	Channel	Result (MHz)	Limit (MHz)	Verdict
DH1	Low	1.003	0.843	Pass
	Middle	1.003	0.847	Pass
	High	1.003	0.845	Pass

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

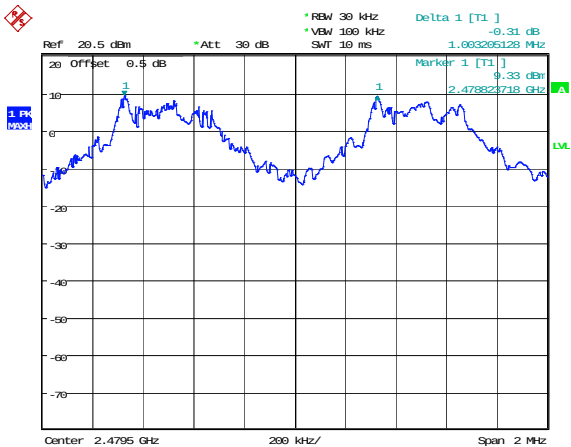
DH1_Low 1.003MHz



DH1_Middle 1.003MHz



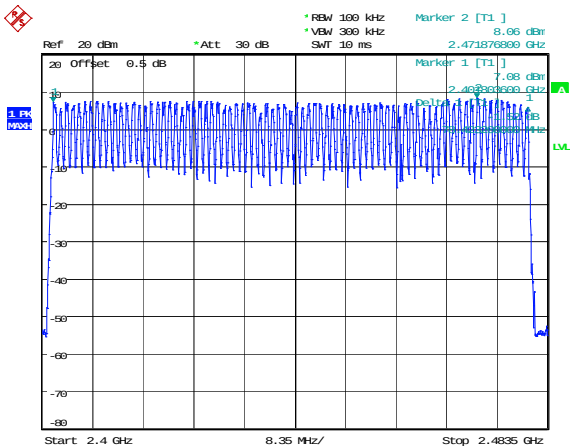
DH1_High 1.003MHz



Number of Hopping Frequency

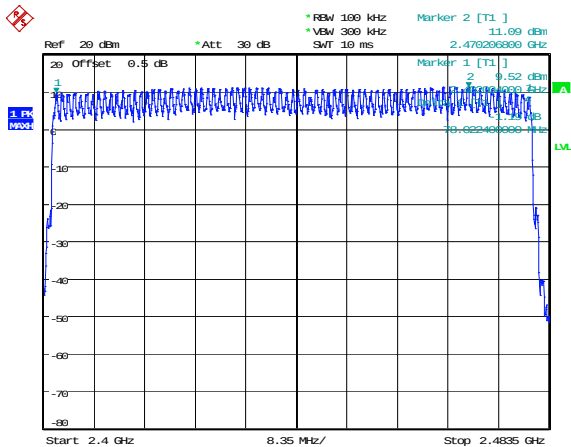
Mode	Channel	Result	Limit	Verdict
DH1	Hopping	79	15	Pass
2DH1	Hopping	79	15	Pass
3DH1	Hopping	79	15	Pass

DH1_Hopping 79



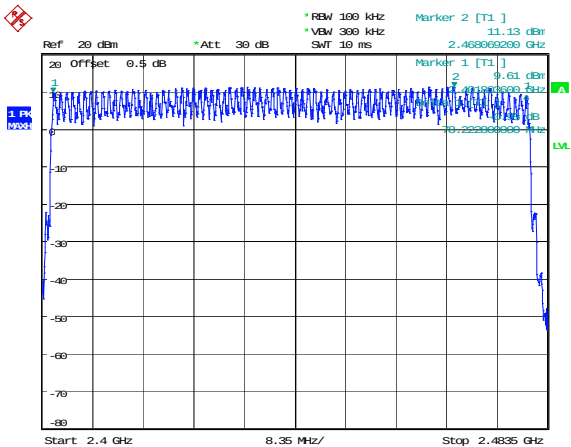
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 16:39:03

2DH1_Hopping 79



Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 16:48:22

3DH1_Hopping 79

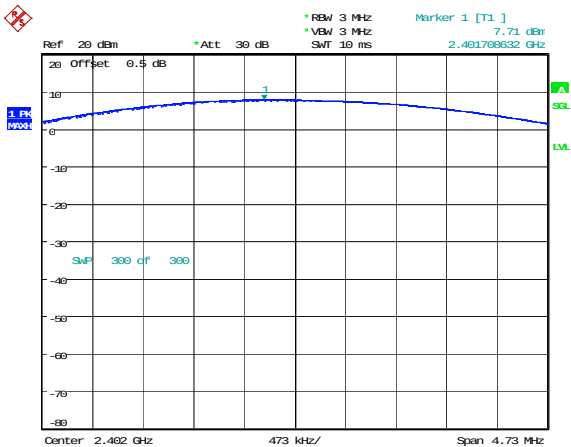


Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 16:59:22

Maximum Conducted Output Power

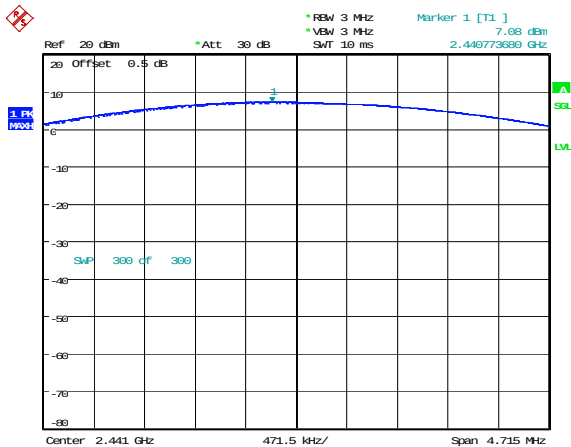
Mode	Test Frequency (MHz)	Peak Output Power (dBm)	Limit (dBm)	Verdict
DH1	2402	7.71	21.00	Pass
	2441	7.08	21.00	Pass
	2480	6.48	21.00	Pass
2DH1	2402	6.86	21.00	Pass
	2441	6.24	21.00	Pass
	2480	6.19	21.00	Pass
3DH1	2402	7.15	21.00	Pass
	2441	6.47	21.00	Pass
	2480	6.37	21.00	Pass

DH1_Low 7.71dBm



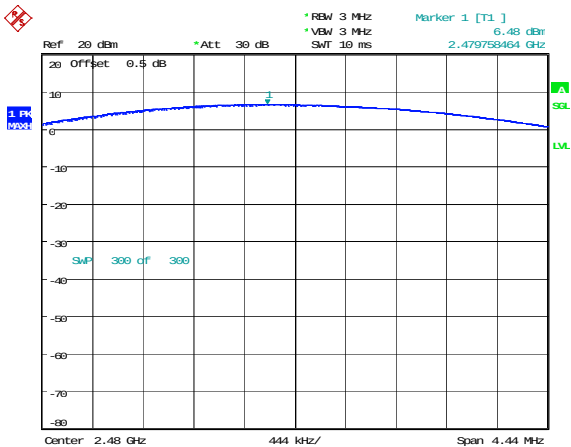
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 1.APR.2025 14:42:24

DH1_Middle 7.08dBm



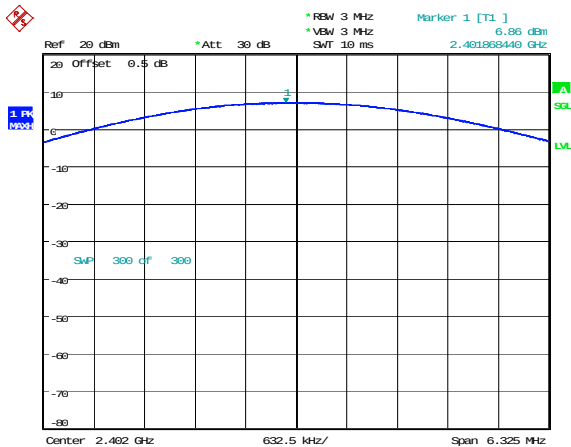
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 1.APR.2025 14:46:52

DH1_High 6.48dBm



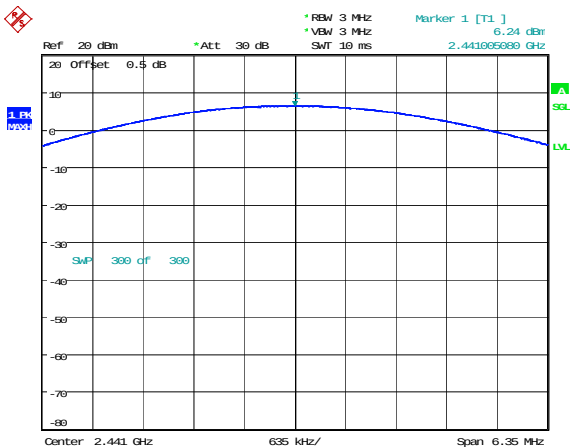
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 1.APR.2025 14:52:17

2DH1_Low 6.86dBm



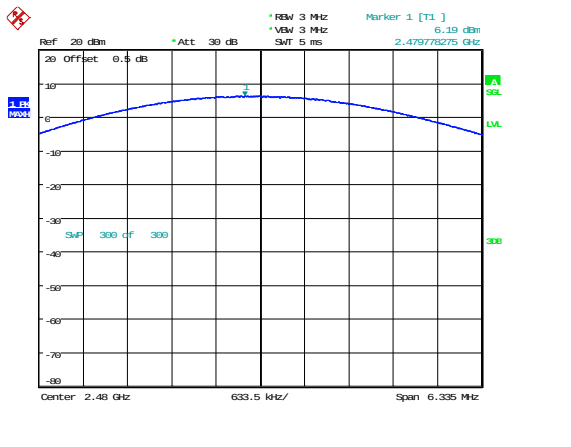
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 1.APR.2025 14:58:07

2DH1_Middle 6.24dBm



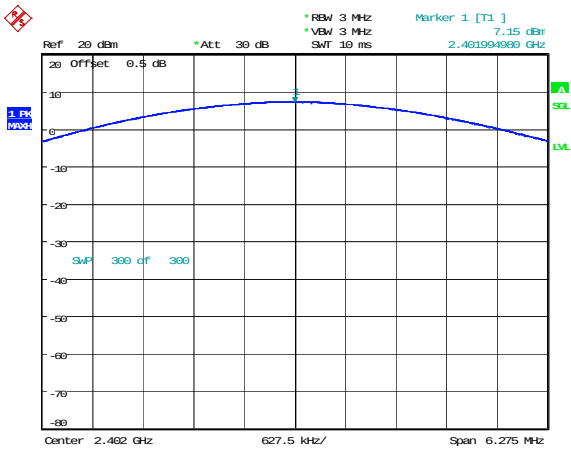
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 1.APR.2025 15:00:24

2DH1_High 6.19dBm

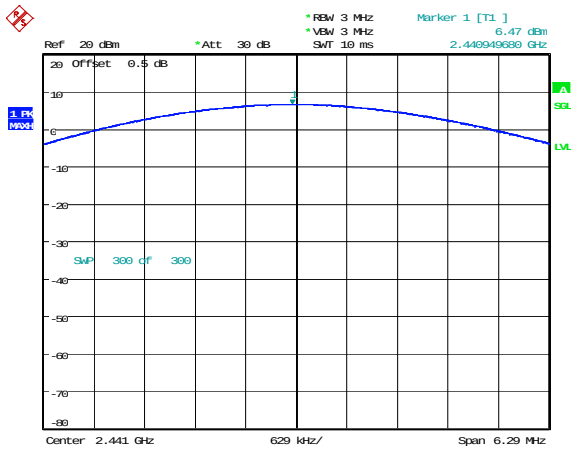


ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 1.APR.2025 00:12:55

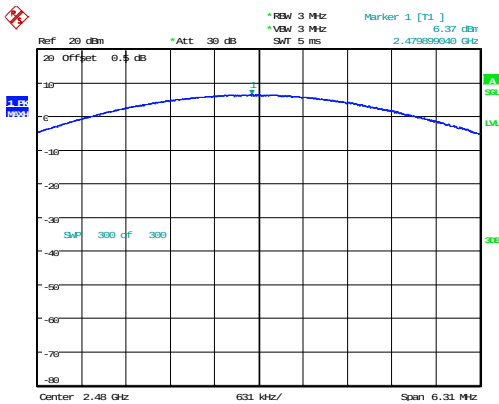
3DH1_Low 7.15dBm



3DH1_Middle 6.47dBm



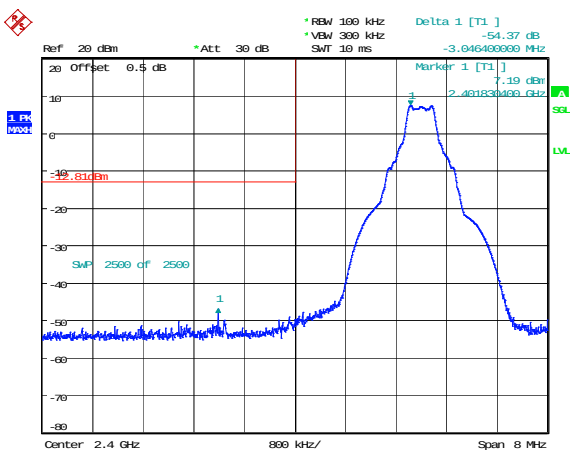
3DH1_High 6.37dBm



100 kHz Bandwidth of Frequency Band Edge

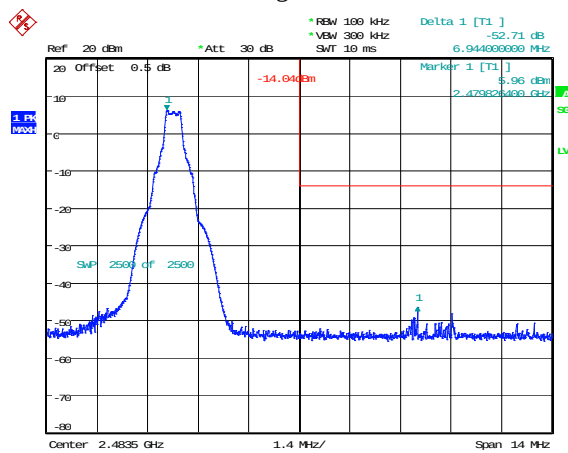
Mode	Channel	Result (dB)	Limit (dB)	Verdict
DH1	Low	54.37	20.00	Pass
	High	52.71	20.00	Pass
	Hopping_Lower	56.76	20.00	Pass
	Hopping_Upper	59.22	20.00	Pass
2DH1	Low	49.37	20.00	Pass
	High	56.25	20.00	Pass
	Hopping_Lower	46.40	20.00	Pass
	Hopping_Upper	59.16	20.00	Pass
3DH1	Low	46.68	20.00	Pass
	High	56.69	20.00	Pass
	Hopping_Lower	49.56	20.00	Pass
	Hopping_Upper	57.23	20.00	Pass

DH1_Low 54.37dB



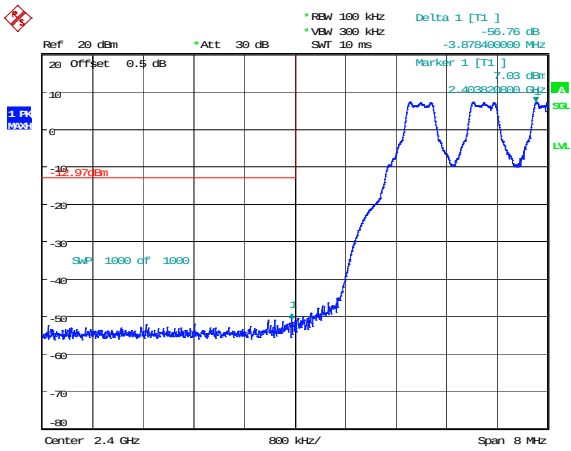
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 14:40:37

DH1_High 52.71dB



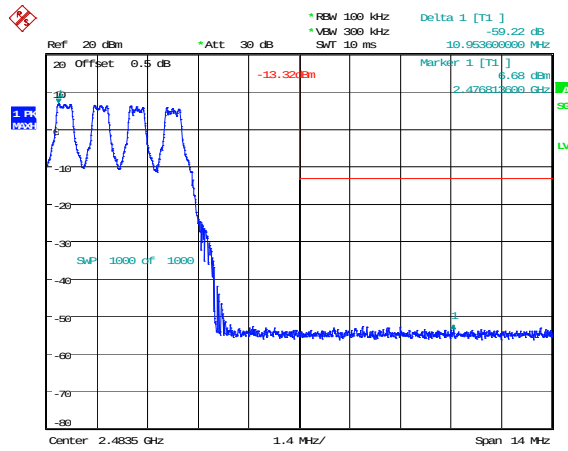
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 14:59:29

DH1_Hopping_Lower 56.76dB



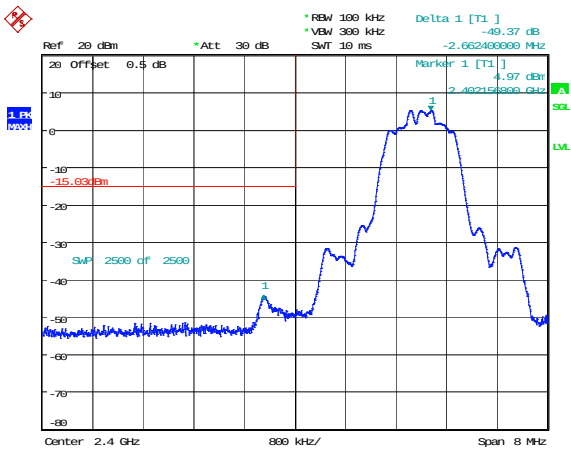
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 18.APR.2025 17:57:28

DH1_Hopping_Upper 59.22dB



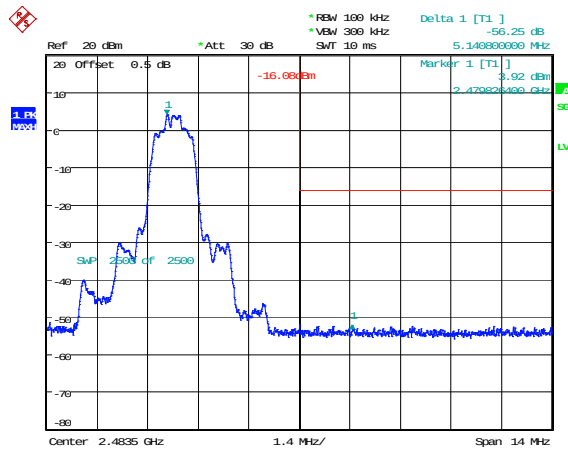
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 18.APR.2025 17:59:22

2DH1_Low 49.37dB



Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 14:56:23

2DH1_High 56.25dB



Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 15:04:01

Time of Occupancy (dwell time)

Mode	Channel	Pulse width (ms)	Dwell time (s)	Limit (s)	Verdict
DH1	Hopping	0.440	0.141	0.400	Pass
DH3	Hopping	1.702	0.272	0.400	Pass
DH5	Hopping	2.956	0.315	0.400	Pass
2DH1	Hopping	0.433	0.139	0.400	Pass
2DH3	Hopping	1.690	0.270	0.400	Pass
2DH5	Hopping	2.948	0.314	0.400	Pass
3DH1	Hopping	0.431	0.138	0.400	Pass
3DH3	Hopping	1.687	0.270	0.400	Pass
3DH5	Hopping	2.944	0.314	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

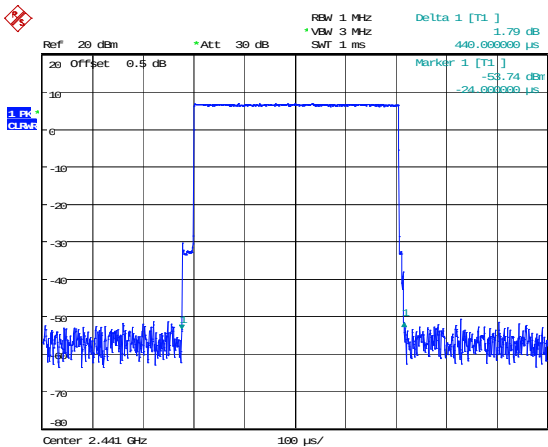
2DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

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

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

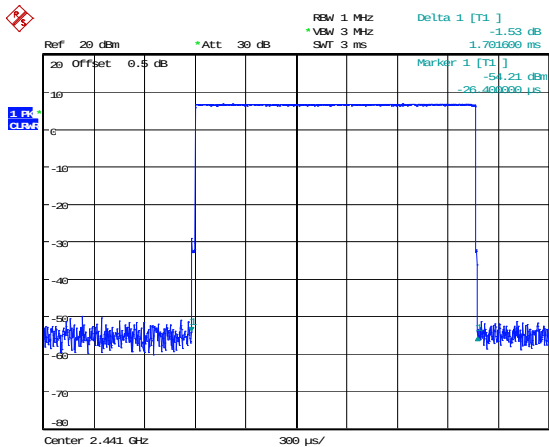
3DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

DH1_Hopping 0.440ms



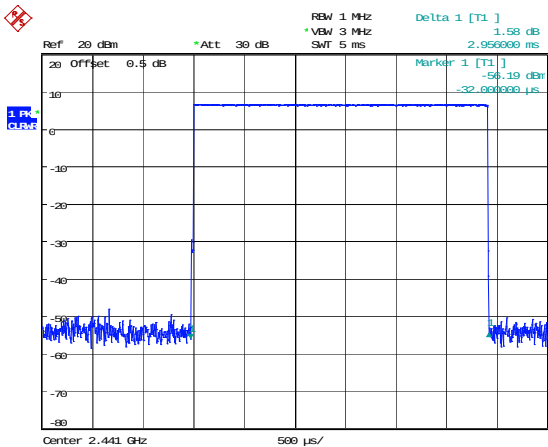
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 16:28:05

DH3_Hopping 1.702ms



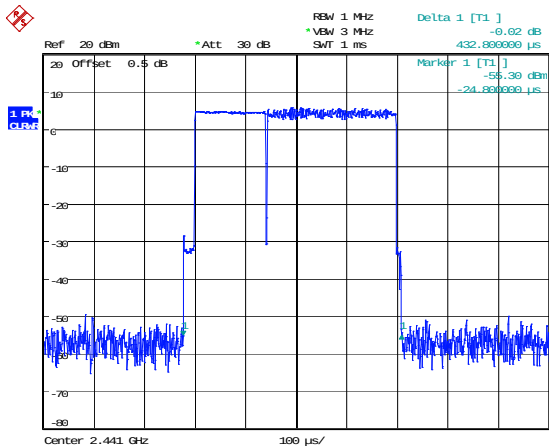
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 16:28:52

DH5_Hopping 2.956ms



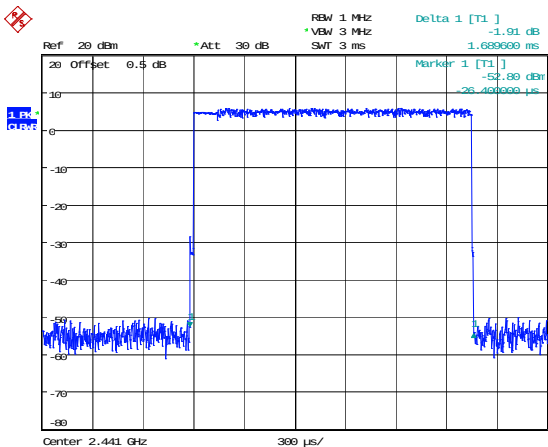
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 16:29:38

2DH1_Hopping 0.433ms



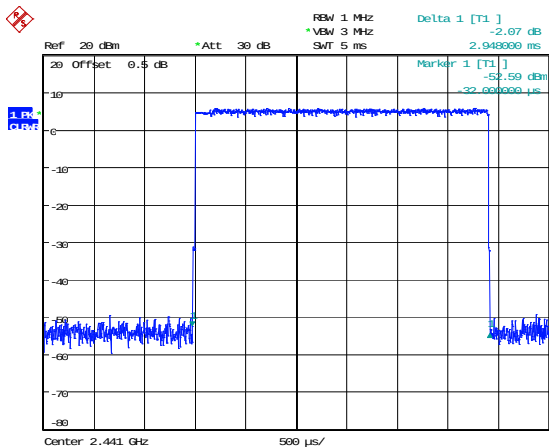
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 16:28:27

2DH3_Hopping 1.690ms



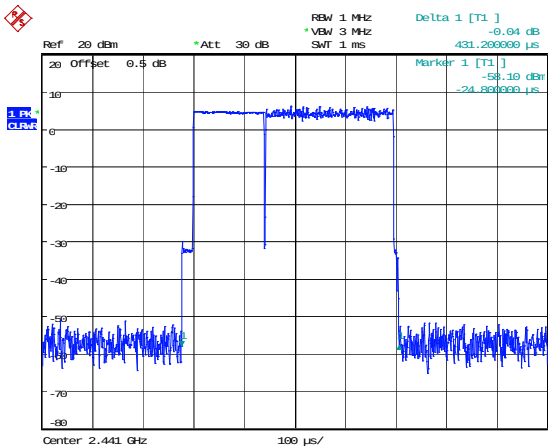
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 16:32:21

2DH5_Hopping 2.948ms



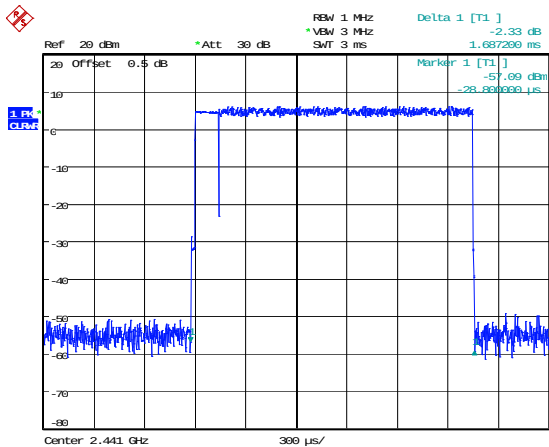
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 16:33:09

3DH1_Hopping 0.431ms



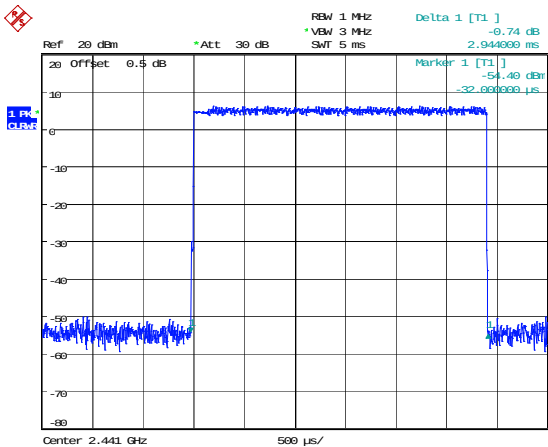
Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 16:34:06

3DH3_Hopping 1.687ms



Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 16:34:54

3DH5_Hopping 2.944ms



Comment: ProjectNo.:2503R23056E-RF Tester:Leo L.I.
Date: 1.APR.2025 16:36:56