Test Information:

Sample No.:	2X9R-2	**Test Date:**	2025/02/21
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Lingling Li	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	24	**Relative Humidity: (%)**	52	**ATM Pressure: (kPa)**	101.9

Test Equipment List and Details:

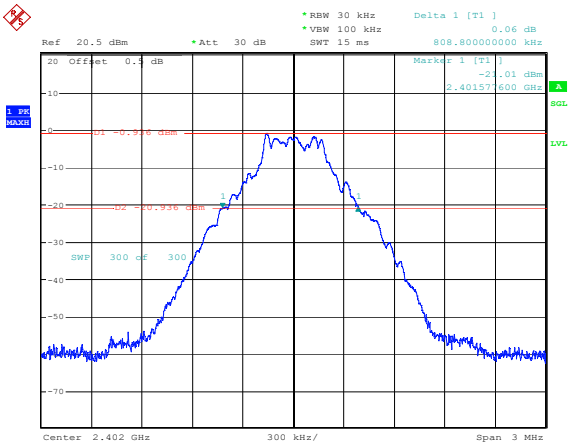
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	100147	2024/04/01	2025/03/31
zhuoxiang	Coaxial Cable	SMA-178	211002	Each time	N/A

** 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

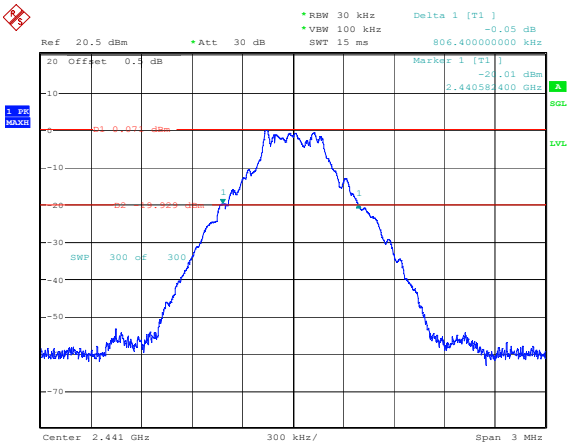
Mode	Channel	Result (MHz)
DH1	Low	0.809
	Middle	0.806
	High	0.806
2DH1	Low	1.267
	Middle	1.267
	High	1.272
3DH1	Low	1.282
	Middle	1.279
	High	1.282

DH1_Low 0.809MHz



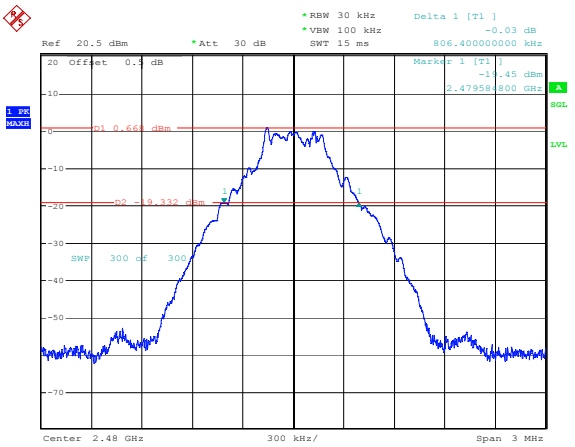
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:32:27

DH1_Middle 0.806MHz



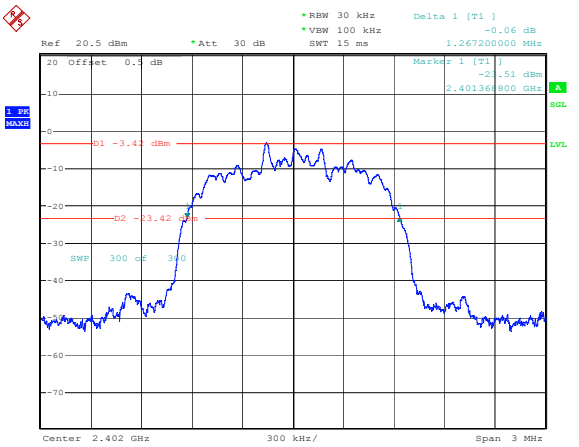
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:36:15

DH1_High 0.806MHz



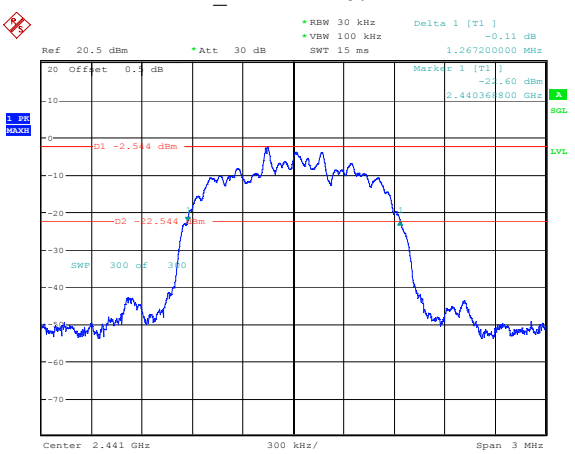
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:38:45

2DH1_Low 1.267MHz



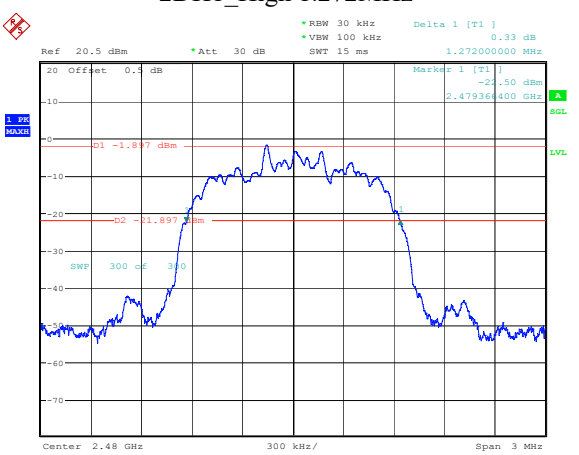
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:42:29

2DH1_Middle 1.267MHz



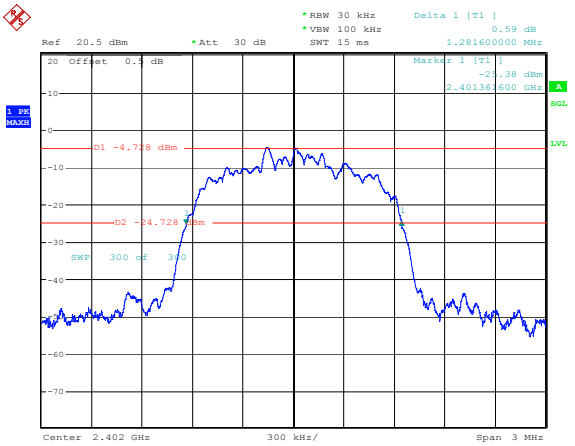
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:44:36

2DH1_High 1.272MHz



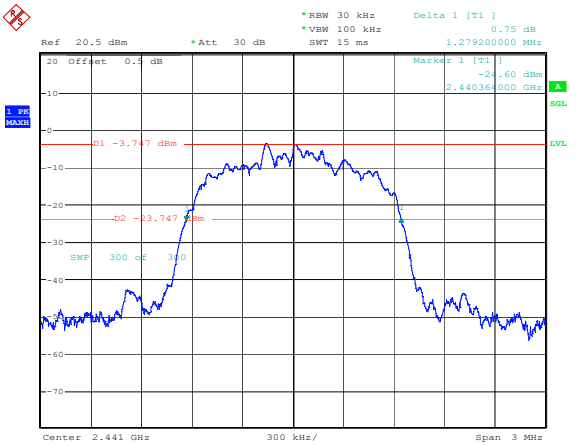
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:46:36

3DH1_Low 1.282MHz



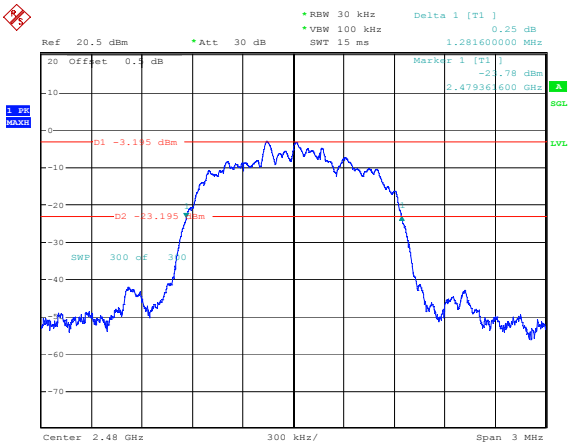
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:49:13

3DH1_Middle 1.279MHz



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:51:13

3DH1_High 1.282MHz

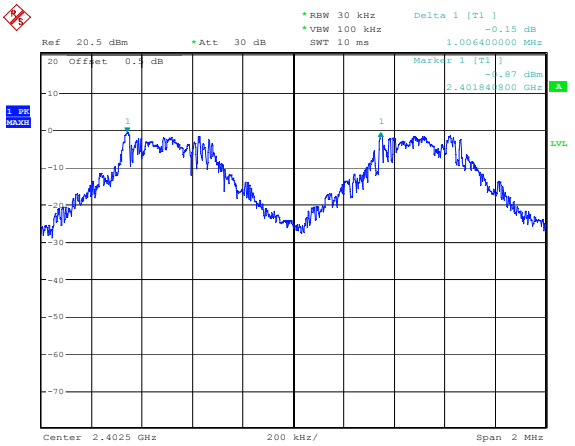


Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:52:21

Channel Separation

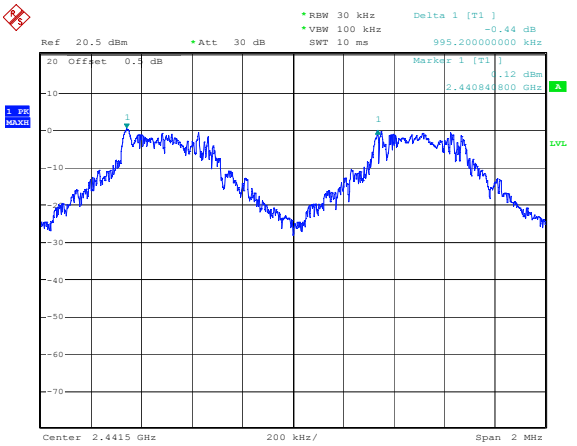
Mode	Channel	Result (MHz)	Limit (MHz)	Verdict
DH1	Low	1.006	0.539	Pass
	Middle	0.995	0.537	Pass
	High	1.013	0.537	Pass
2DH1	Low	0.989	0.845	Pass
	Middle	1.006	0.845	Pass
	High	1.001	0.848	Pass
3DH1	Low	0.996	0.855	Pass
	Middle	1.001	0.853	Pass
	High	1.006	0.855	Pass

DH1_Low 1.006MHz



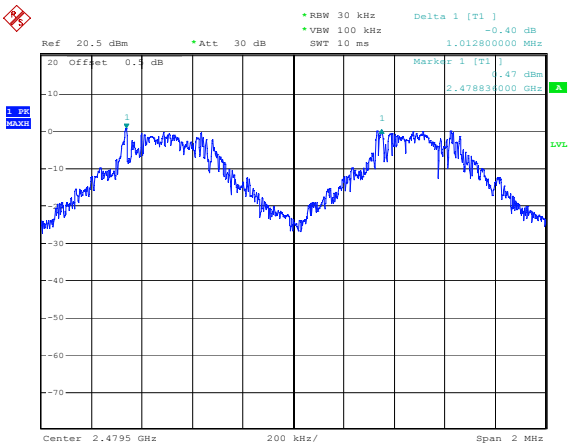
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:03:54

DH1_Middle 0.995MHz



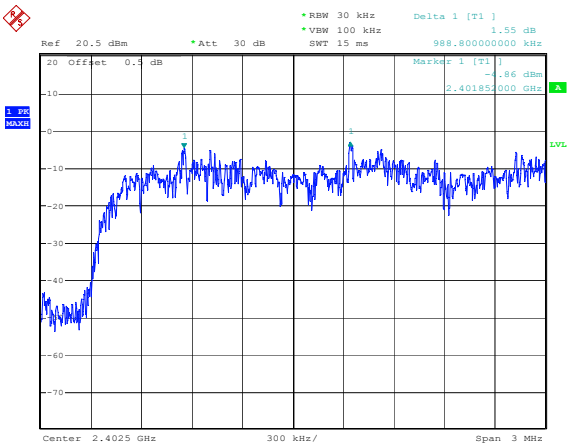
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:08:18

DH1_High 1.013MHz



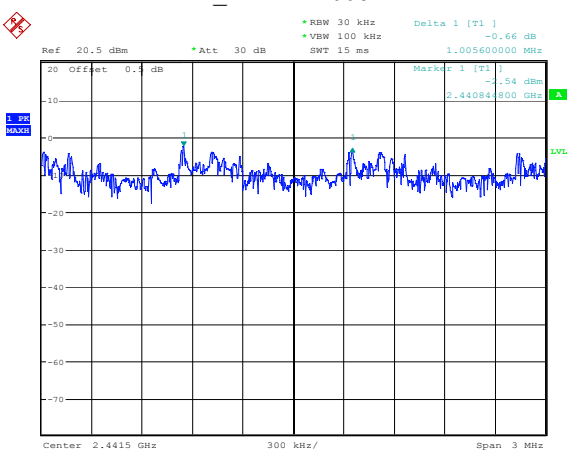
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:12:07

2DH1_Low 0.989MHz



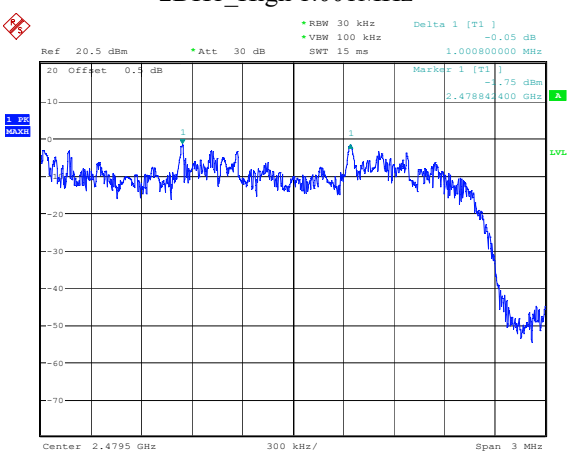
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:16:23

2DH1_Middle 1.006MHz



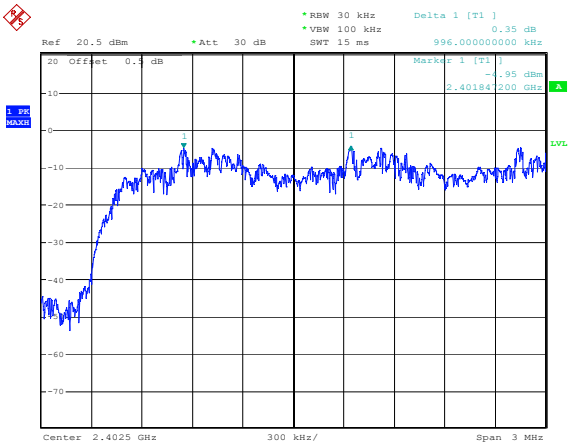
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:19:53

2DH1_High 1.001MHz



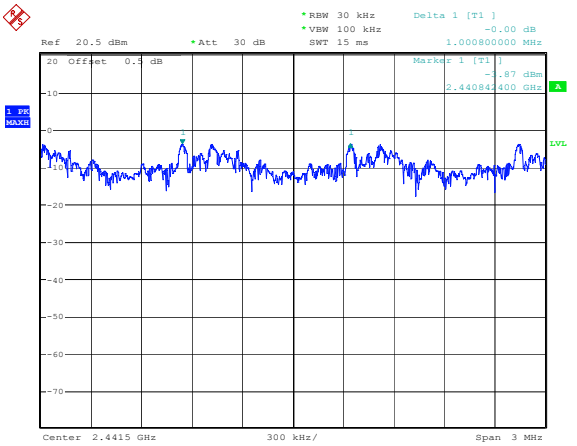
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:23:45

3DH1_Low 0.996MHz



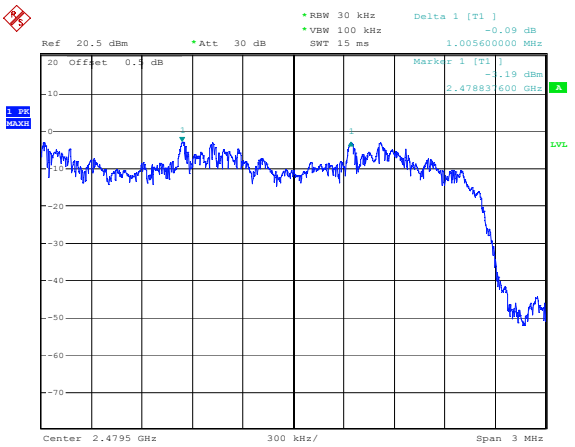
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:27:43

3DH1_Middle 1.001MHz



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:32:11

3DH1_High 1.006MHz

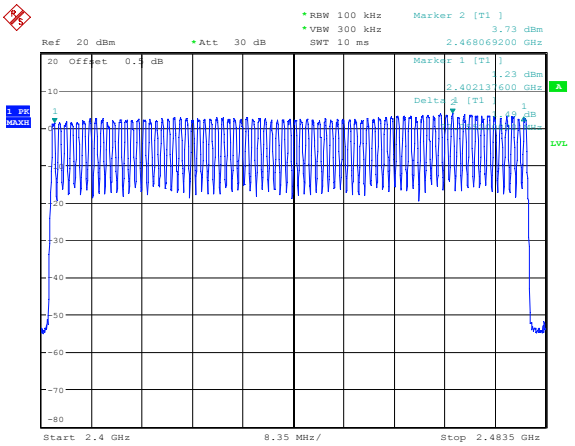


Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:38:42

Number of Hopping Frequency

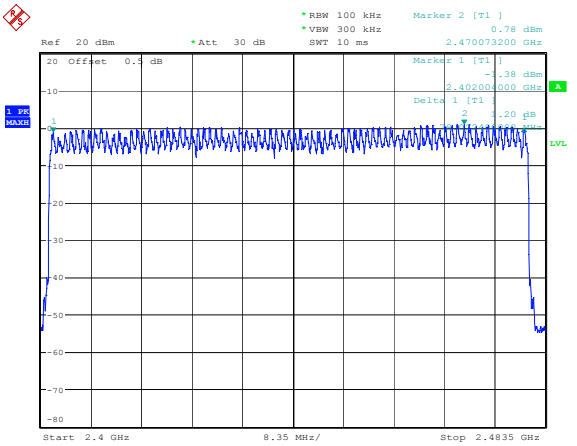
Mode	Channel	Result	Limit	Verdict
DH1	Hopping	79	15	Pass
2DH1	Hopping	79	15	Pass
3DH1	Hopping	79	15	Pass

DH1_Hopping 79



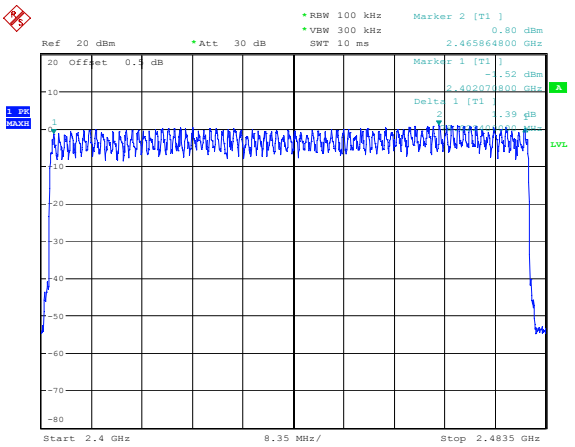
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 17:19:35

2DH1_Hopping 79



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 17:04:58

3DH1_Hopping 79

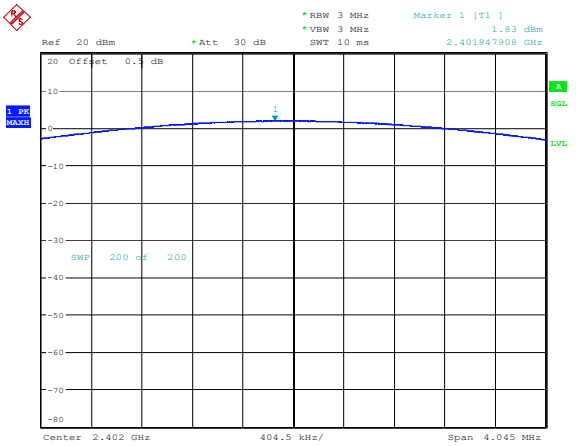


Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 17:14:00

Maximum Conducted Output Power

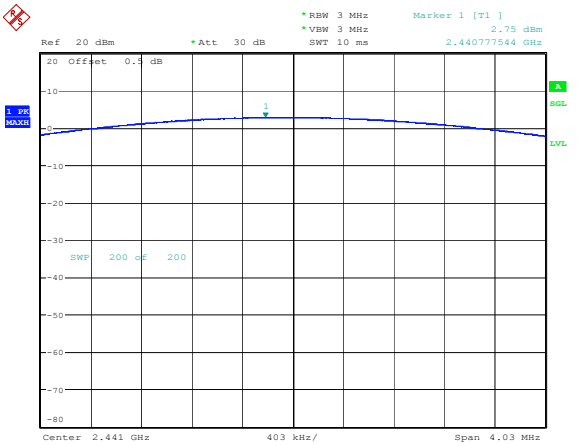
Mode	Channel	Result (dBm)	Limit (dBm)	Verdict
DH1	Low	1.83	21.00	Pass
	Middle	2.75	21.00	Pass
	High	3.30	21.00	Pass
2DH1	Low	1.62	21.00	Pass
	Middle	2.54	21.00	Pass
	High	3.04	21.00	Pass
3DH1	Low	1.84	21.00	Pass
	Middle	2.78	21.00	Pass
	High	3.29	21.00	Pass

DH1_Low 1.83dBm



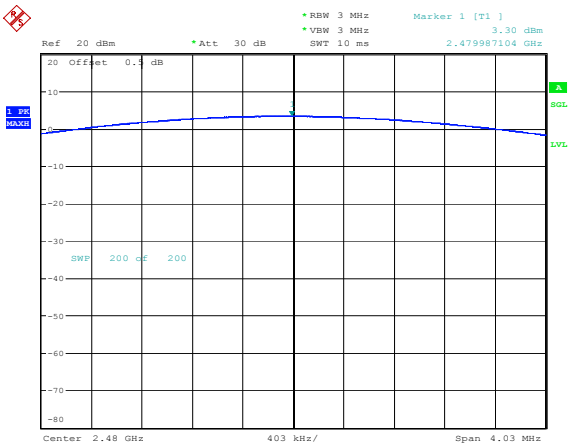
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:34:08

DH1_Middle 2.75dBm



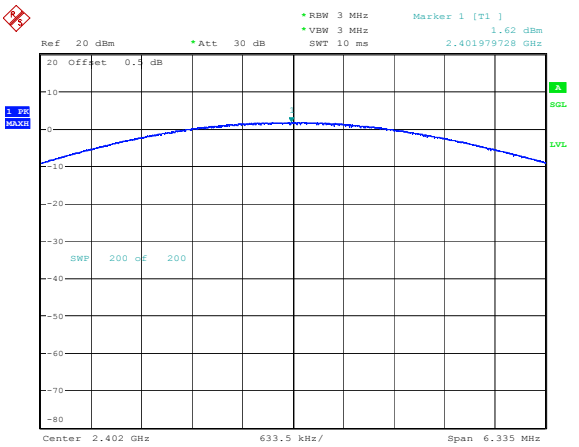
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:36:34

DH1_High 3.30dBm



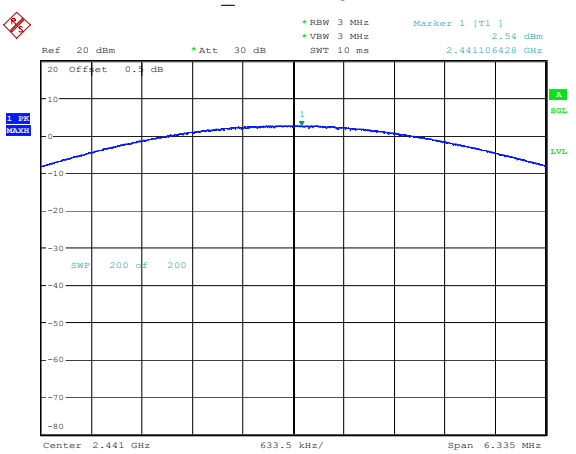
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:40:29

2DH1_Low 1.62dBm



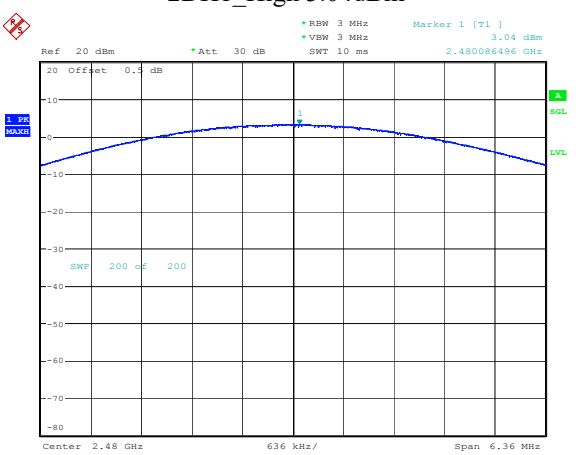
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:43:56

2DH1_Middle 2.54dBm



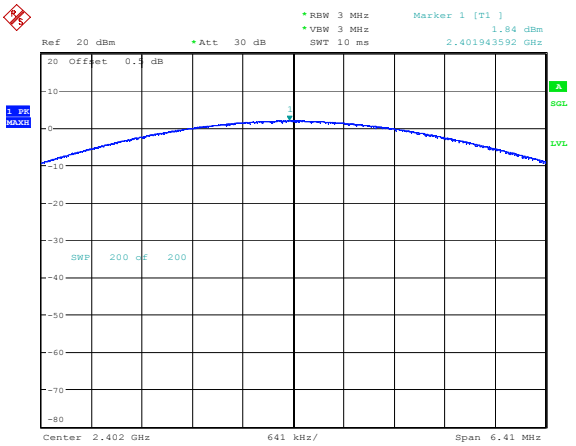
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:44:54

2DH1_High 3.04dBm



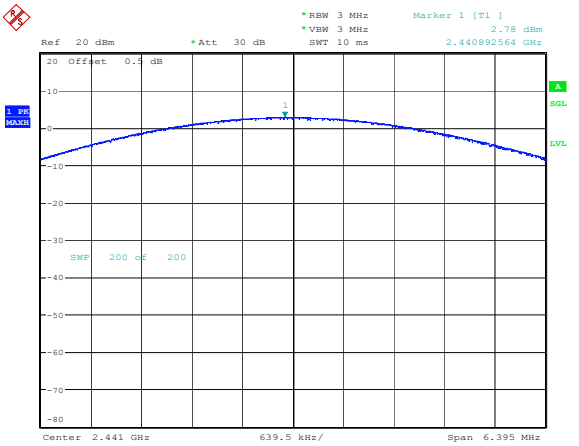
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:48:16

3DH1_Low 1.84dBm



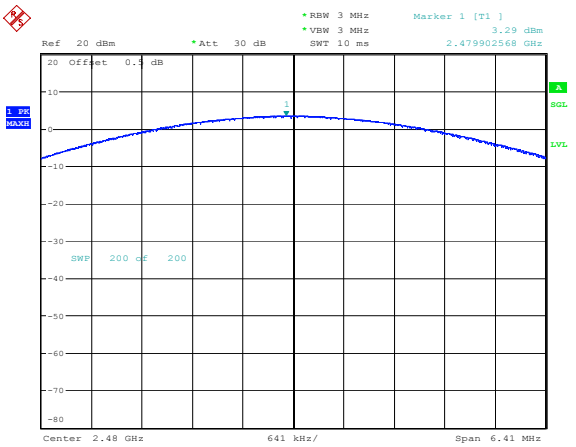
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:50:39

3DH1_Middle 2.78dBm



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:51:53

3DH1_High 3.29dBm

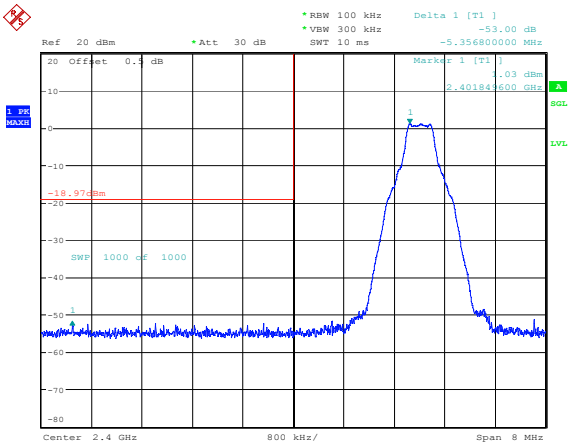


Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:54:02

100 kHz Bandwidth of Frequency Band Edge

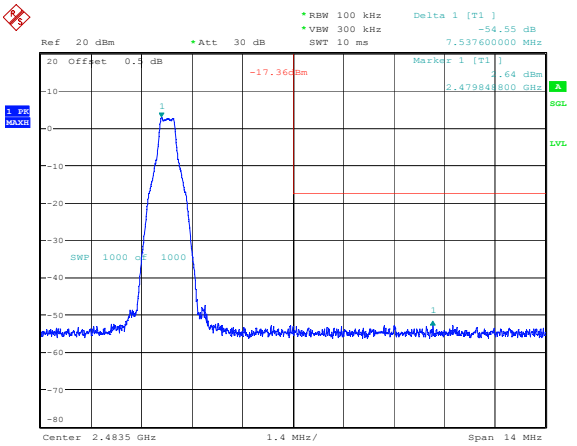
Mode	Channel	Result (dB)	Limit (dB)	Verdict
DH1	Low	53.00	20.00	Pass
	High	54.55	20.00	Pass
	Hopping_Lower	53.86	20.00	Pass
	Hopping_Upper	54.30	20.00	Pass
2DH1	Low	50.66	20.00	Pass
	High	52.56	20.00	Pass
	Hopping_Lower	50.16	20.00	Pass
	Hopping_Upper	51.59	20.00	Pass
3DH1	Low	51.05	20.00	Pass
	High	52.38	20.00	Pass
	Hopping_Lower	49.12	20.00	Pass
	Hopping_Upper	51.47	20.00	Pass

DH1_Low 53.00dB



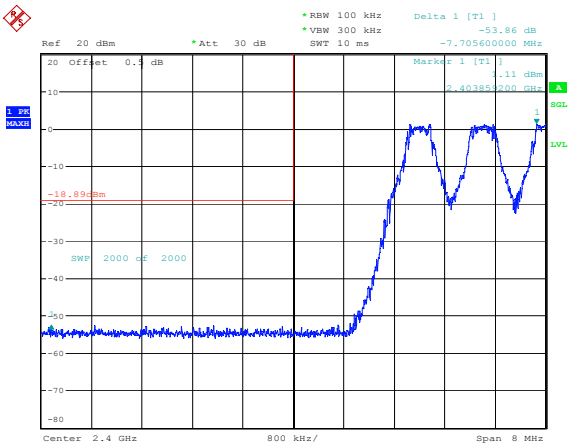
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:33:36

DH1_High 54.55dB



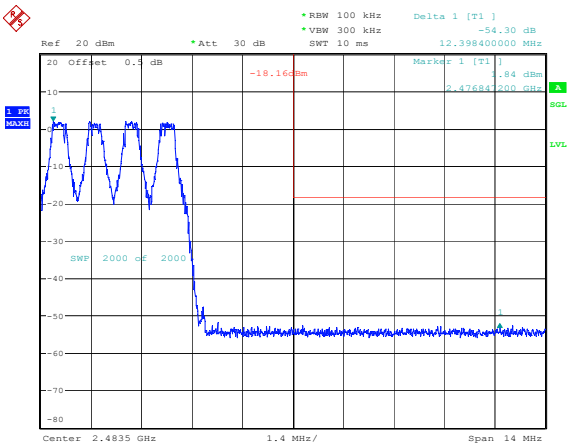
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:40:06

DH1_Hopping_Lower 53.86dB



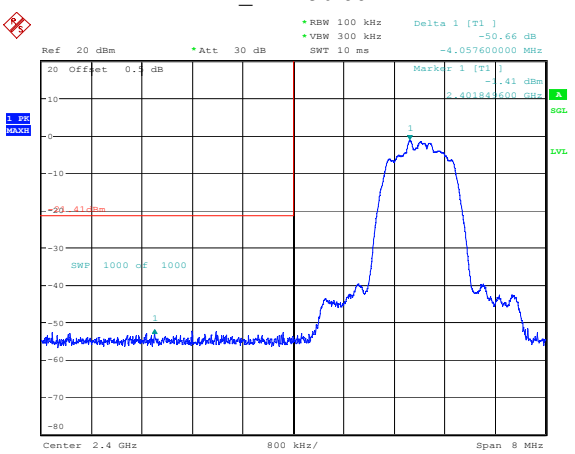
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 08:52:20

DH1_Hopping_Upper 54.30dB



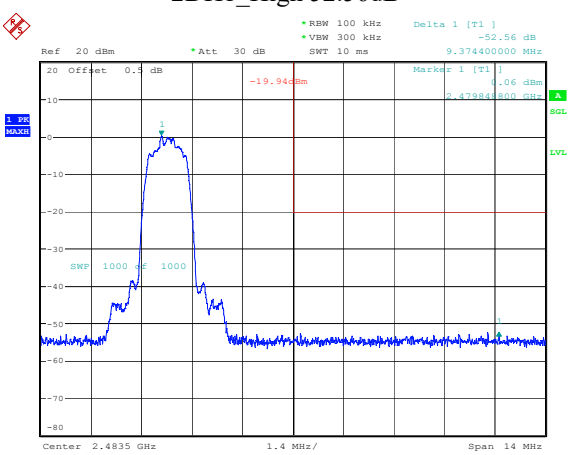
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 08:54:56

2DH1_Low 50.66dB



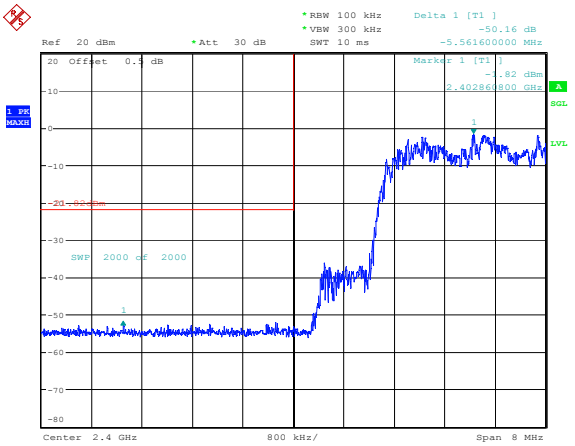
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:43:36

2DH1_High 52.56dB



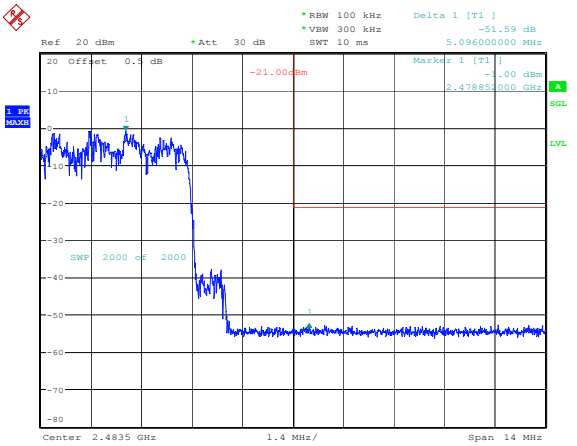
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:47:57

2DH1_Hopping_Lower 50.16dB



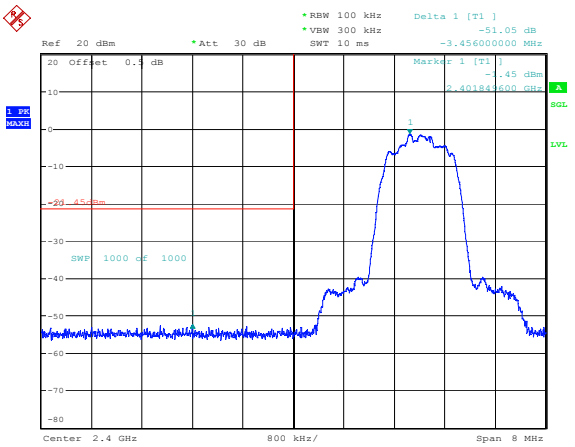
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 08:57:46

2DH1_Hopping_Upper 51.59dB



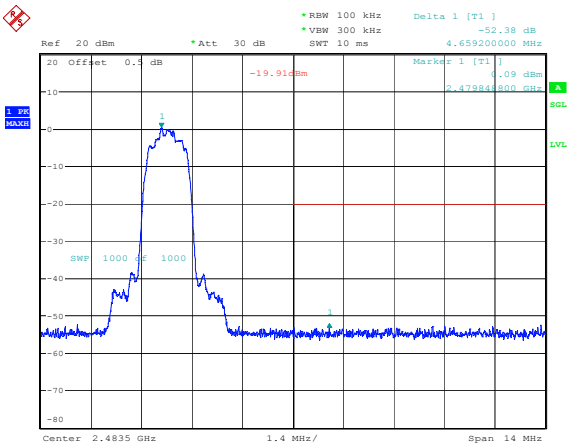
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 09:00:23

3DH1_Low 51.05dB



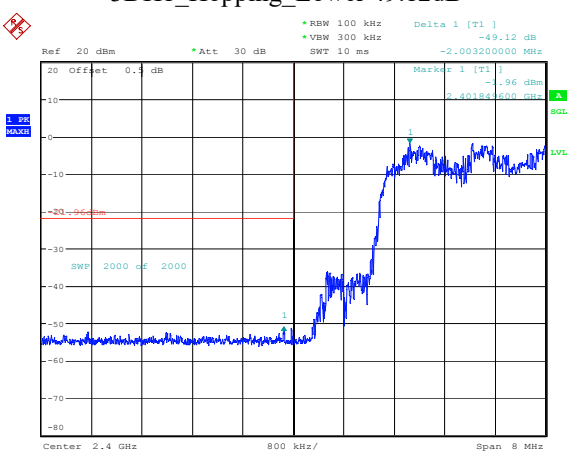
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:50:20

3DH1_High 52.38dB



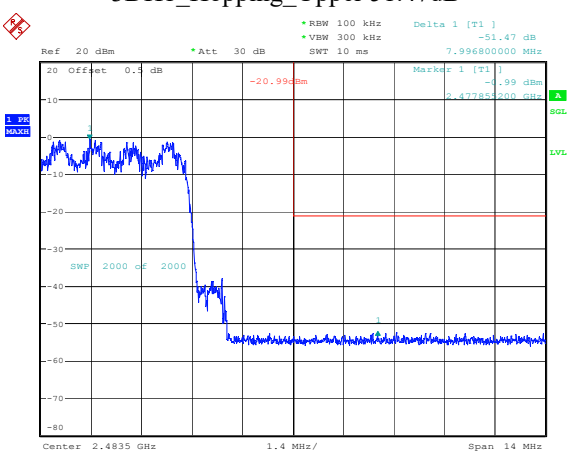
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:53:43

3DH1_Hopping_Lower 49.12dB



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 09:02:41

3DH1_Hopping_Upper 51.47dB



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 09:05:27

Time of Occupancy (dwell time)

Mode	Channel	Pulse width (ms)	Dwell time (s)	Limit (s)	Verdict
DH1	Hopping	0.380	0.122	0.400	Pass
DH3	Hopping	1.642	0.263	0.400	Pass
DH5	Hopping	2.900	0.309	0.400	Pass
2DH1	Hopping	0.389	0.124	0.400	Pass
2DH3	Hopping	1.644	0.263	0.400	Pass
2DH5	Hopping	2.900	0.309	0.400	Pass
3DH1	Hopping	0.388	0.124	0.400	Pass
3DH3	Hopping	1.644	0.263	0.400	Pass
3DH5	Hopping	2.904	0.310	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

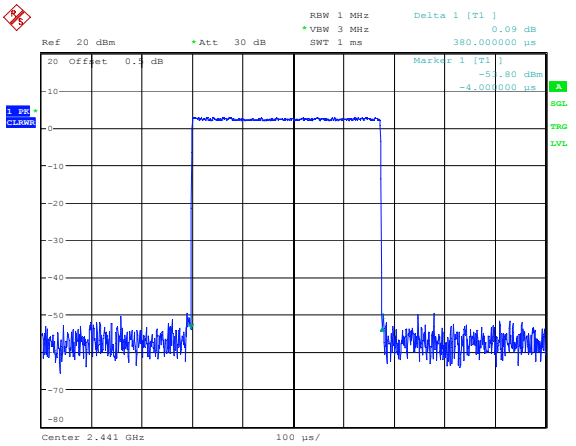
2DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

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

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

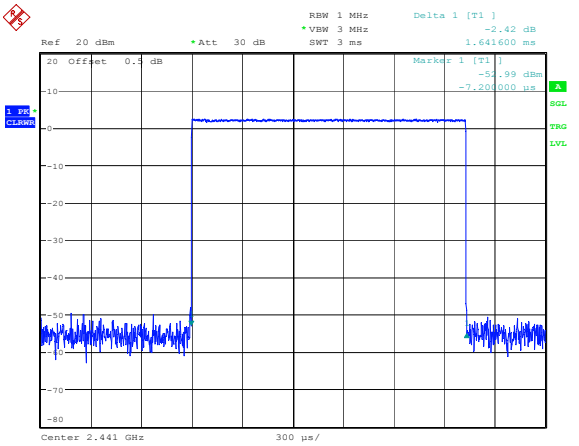
3DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

DH1_Hopping 0.380ms



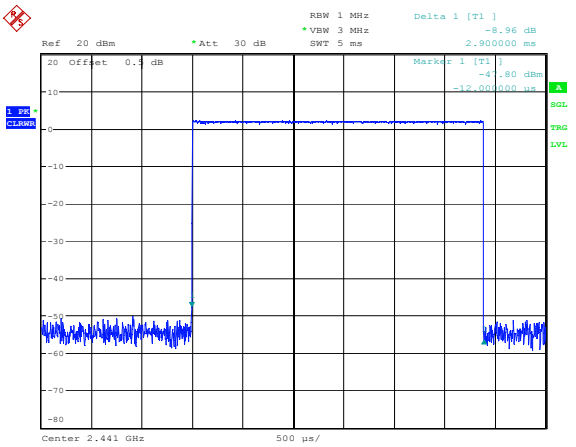
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:39:43

DH3_Hopping 1.642ms



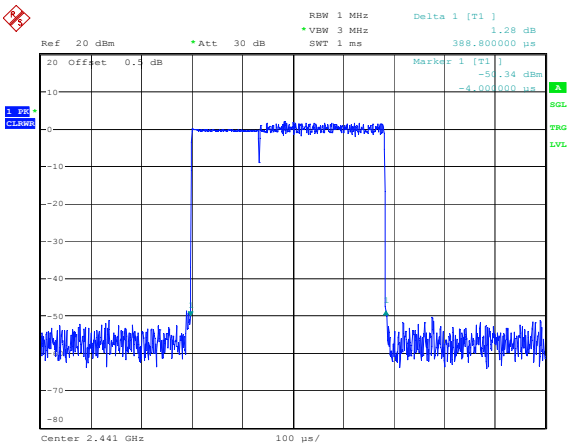
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:40:31

DH5_Hopping 2.900ms



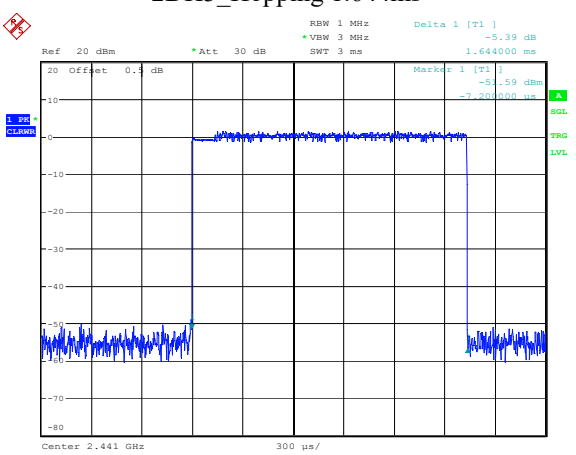
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:42:06

2DH1_Hopping 0.389ms



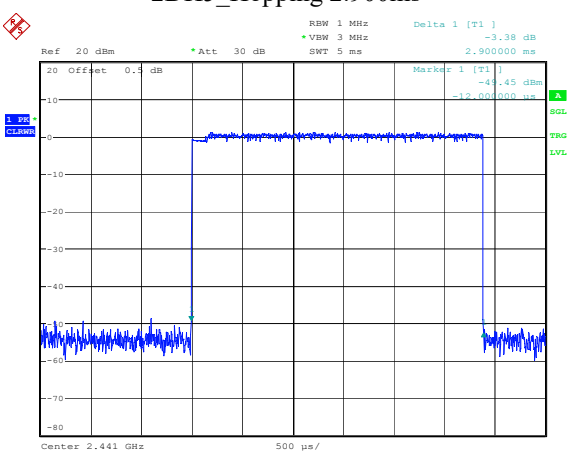
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:43:33

2DH3_Hopping 1.644ms



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:45:08

2DH5_Hopping 2.900ms



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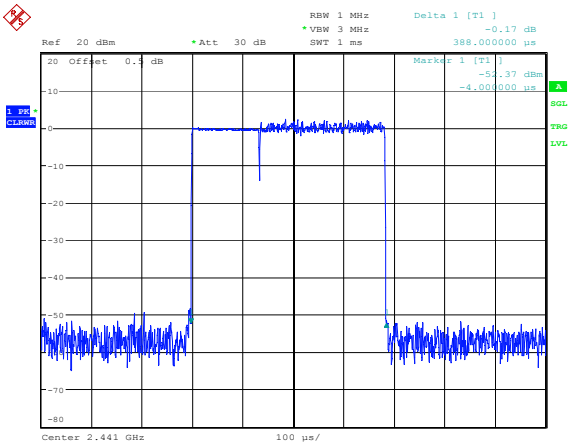
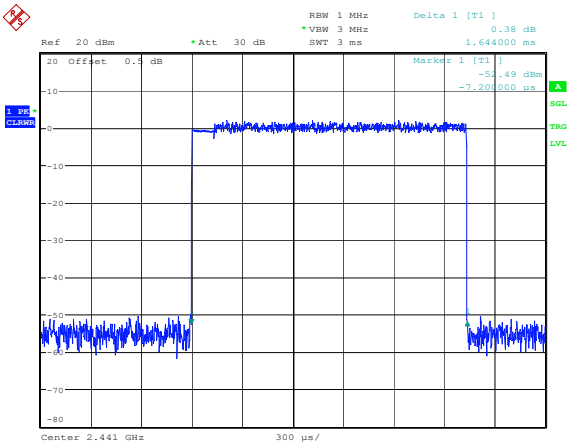
Date: 21.FEB.2025 16:46:52

3DH1_Hopping 0.388ms



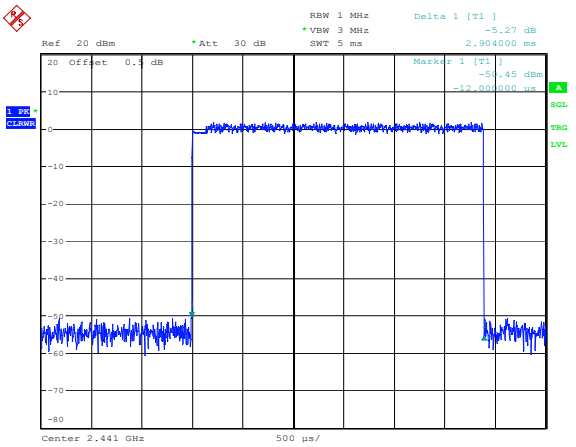
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:49:14

3DH3_Hopping 1.644ms



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 16:51:19

3DH5_Hopping 2.904ms



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Date: 21.FEB.2025 16:52:41