

Test Information:

Sample No.:	2TLH-2	Test Date:	2024/11/07~2024/11/08
Test Site:	RF	Test Mode:	Transmitting
Tester:	Lingling Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	26.1-26.3	Relative Humidity: (%)	51-53	ATM Pressure: (kPa)	100.8-101.5
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Test Equipment List and Details:

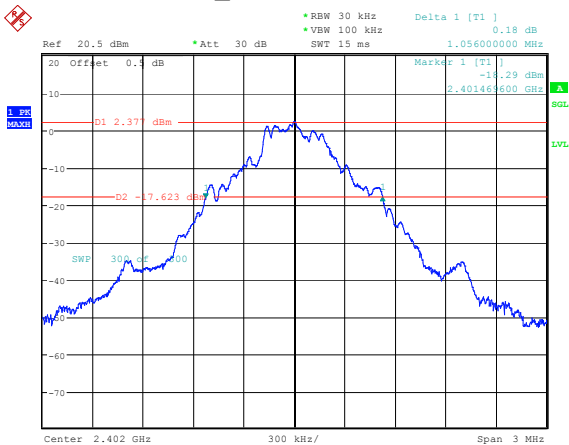
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	100147	2024/04/01	2025/03/31
zhuoxiang	Coaxial Cable	SMA-178	211002	Each time	N/A

* 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

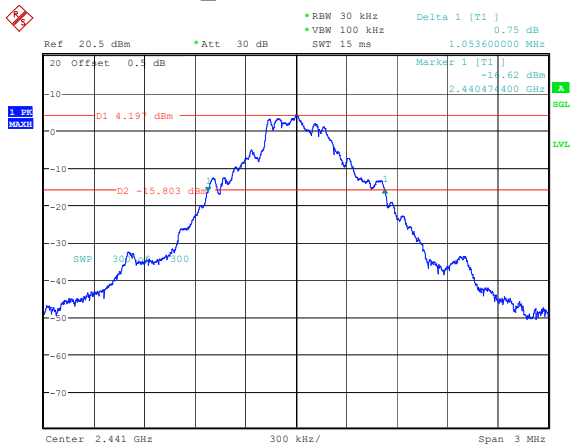
Mode	Channel	Result (MHz)	Verdict
DH1	Low	1.056	Pass
	Middle	1.054	Pass
	High	1.054	Pass
2DH1	Low	1.351	Pass
	Middle	1.354	Pass
	High	1.356	Pass
3DH1	Low	1.301	Pass
	Middle	1.303	Pass
	High	1.301	Pass

DH1_Low 1.056MHz



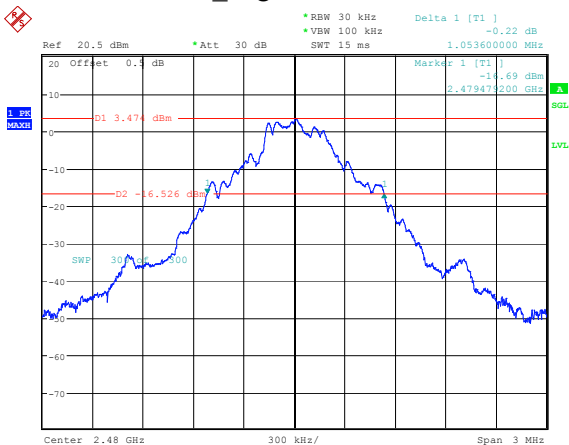
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 15:59:39

DH1_Middle 1.054MHz



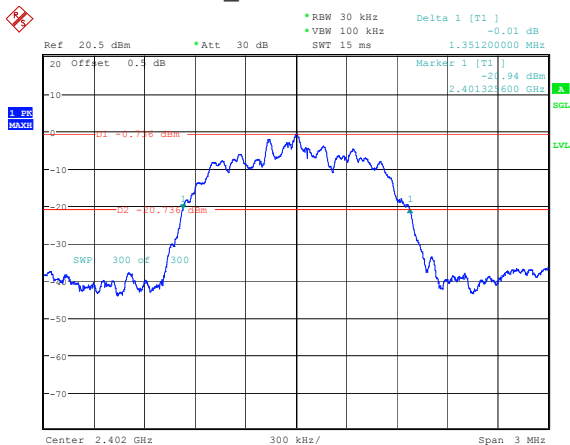
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:03:01

DH1_High 1.054MHz



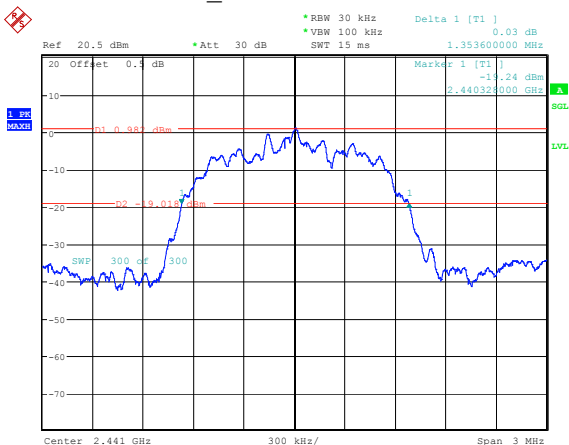
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:05:49

2DH1_Low 1.351MHz



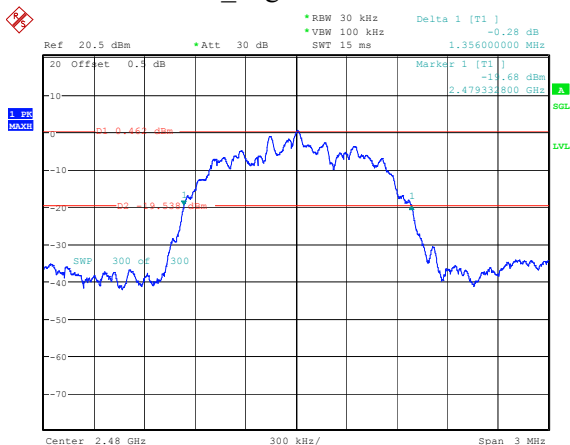
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:20:19

2DH1_Middle 1.354MHz



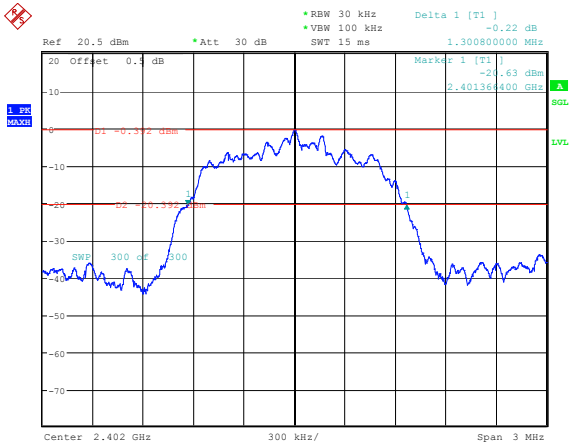
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:22:45

2DH1_High 1.356MHz



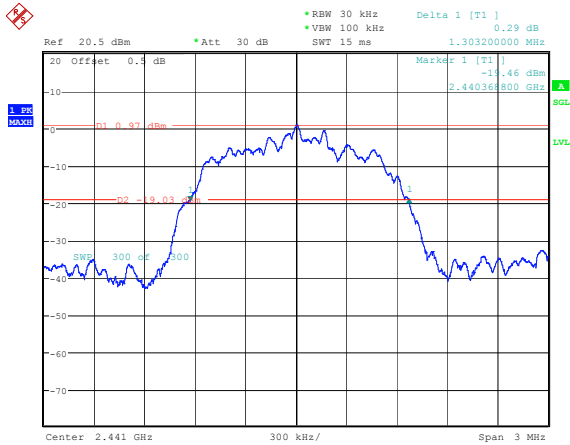
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:25:19

3DH1_Low 1.301MHz



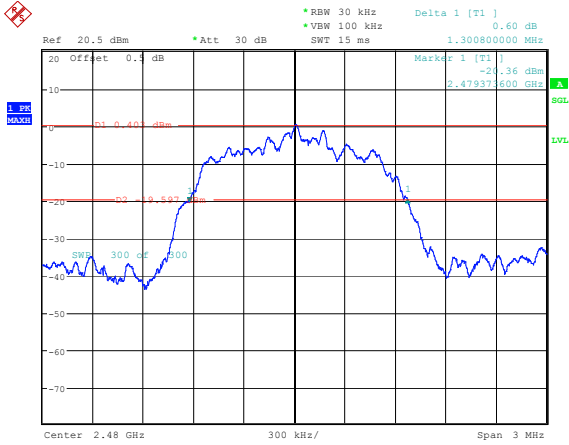
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:27:58

3DH1_Middle 1.303MHz



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:30:46

3DH1_High 1.301MHz

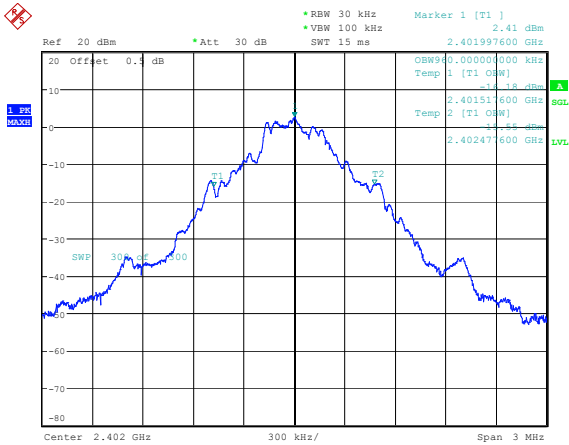


Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:33:31

99% Occupied Bandwidth

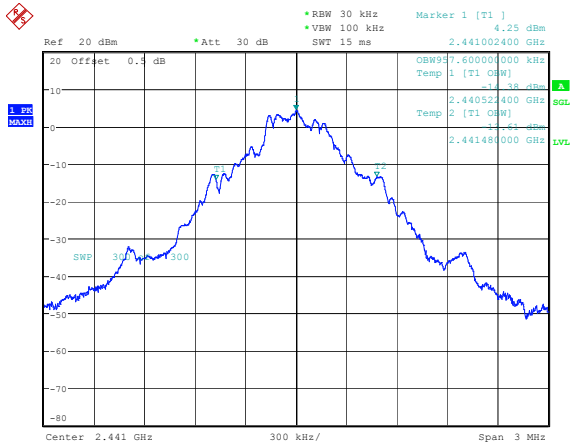
Mode	Channel	99% OBW (MHz)
DH1	Low	0.960
	Middle	0.958
	High	0.958
2DH1	Low	1.202
	Middle	1.205
	High	1.207
3DH1	Low	1.190
	Middle	1.190
	High	1.190

DH1_Low 0.960MHz



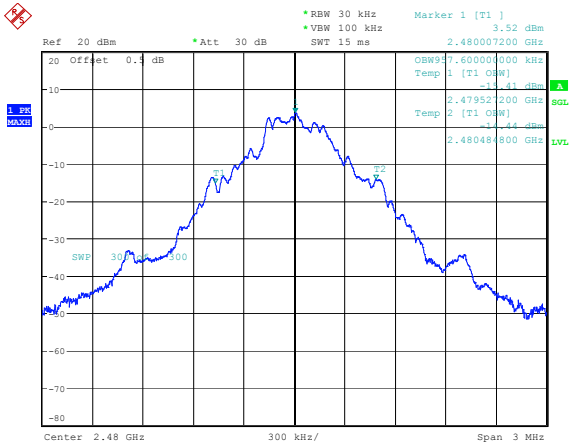
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:00:52

DH1_Middle 0.958MHz



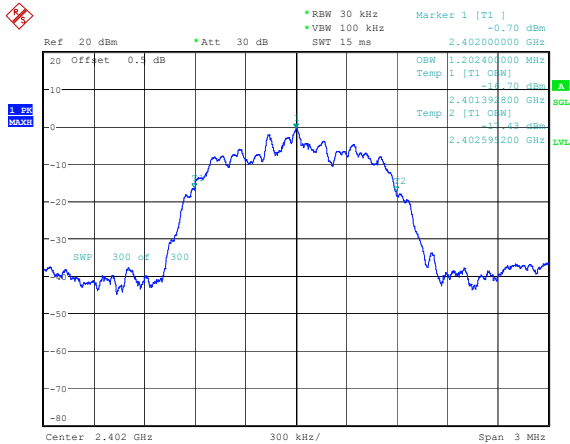
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:03:31

DH1_High 0.958MHz



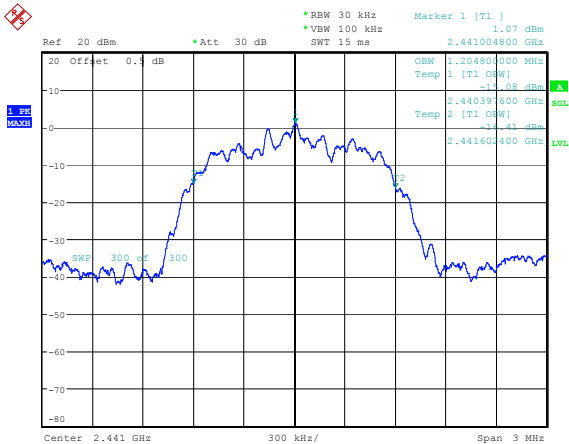
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:07:18

2DH1_Low 1.202MHz



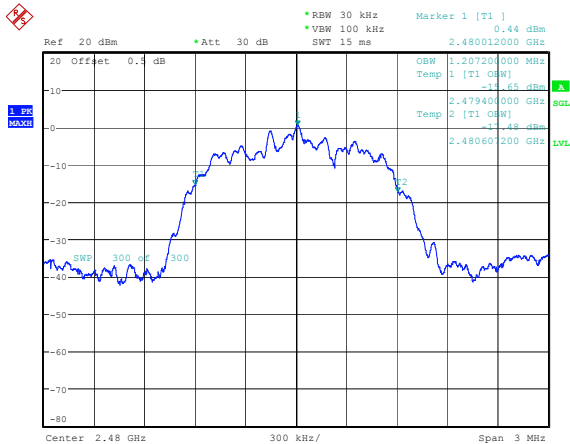
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:20:51

2DH1_Middle 1.205MHz



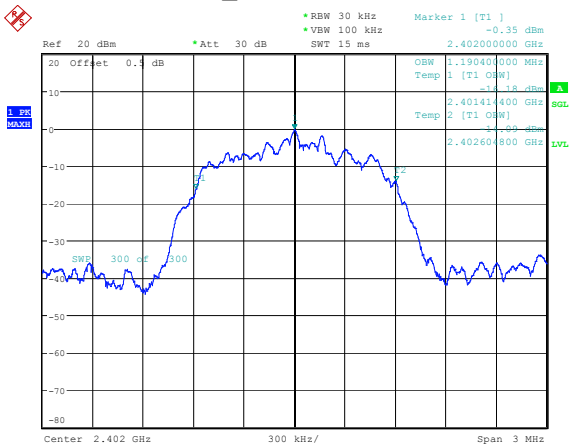
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:23:17

2DH1_High 1.207MHz



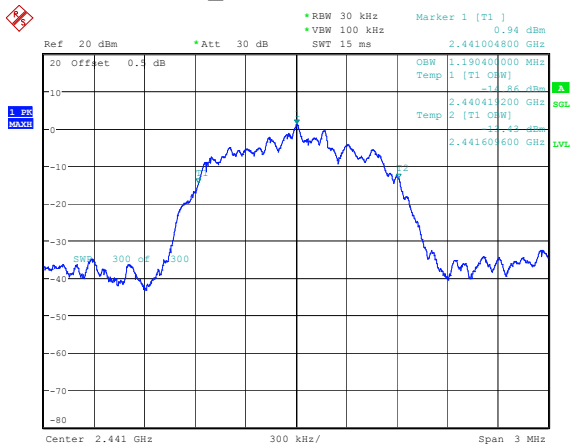
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:25:49

3DH1_Low 1.190MHz



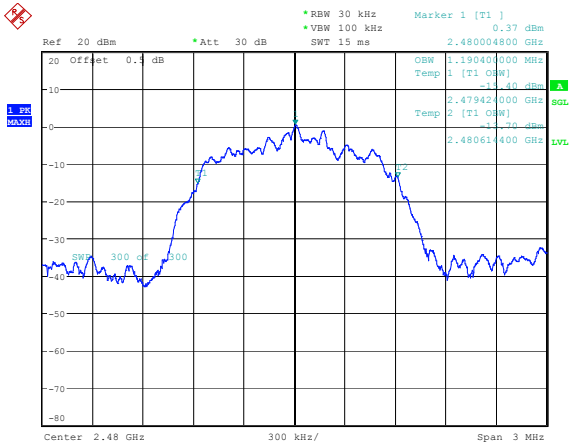
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:28:31

3DH1_Middle 1.190MHz



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:31:16

3DH1_High 1.190MHz

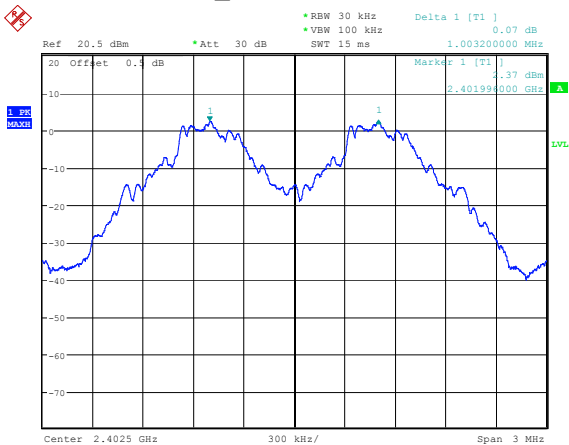


Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:34:03

Channel Separation

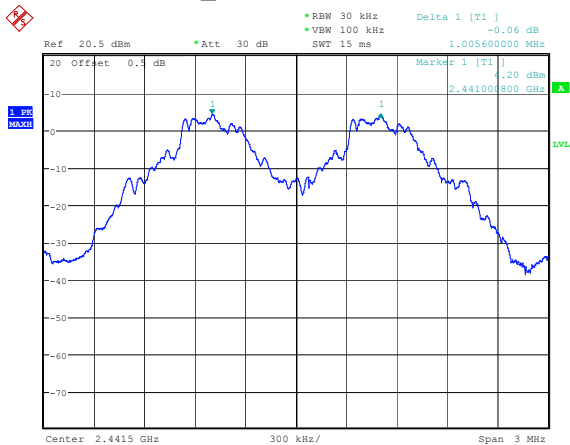
Mode	Channel	Result (MHz)	Limit (MHz)	Verdict
DH1	Low	1.003	0.704	Pass
	Middle	1.006	0.703	Pass
	High	1.003	0.703	Pass
2DH1	Low	0.998	0.901	Pass
	Middle	1.003	0.903	Pass
	High	0.998	0.904	Pass
3DH1	Low	1.001	0.867	Pass
	Middle	1.001	0.869	Pass
	High	0.998	0.867	Pass

DH1_Low 1.003MHz



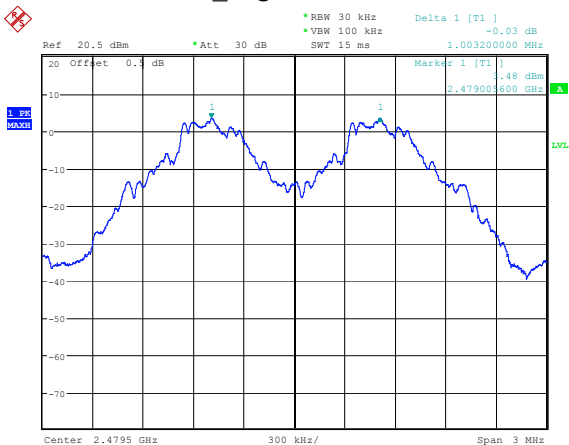
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:02:28

DH1_Middle 1.006MHz



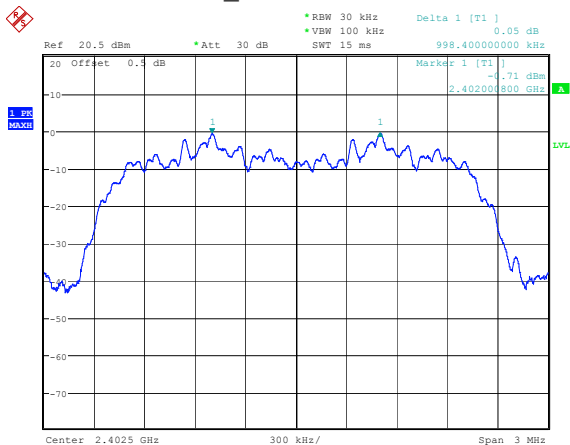
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:05:17

DH1_High 1.003MHz



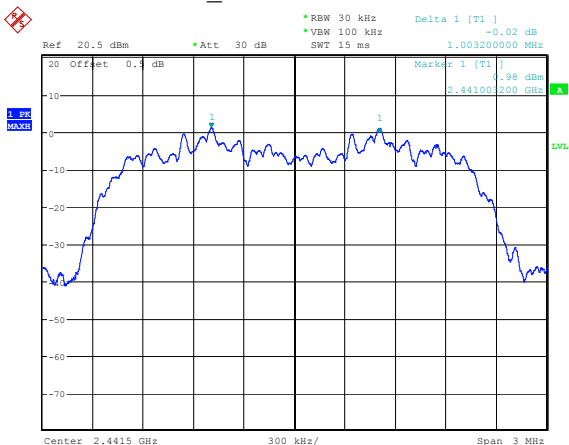
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:08:51

2DH1_Low 0.998MHz



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:22:13

2DH1_Middle 1.003MHz



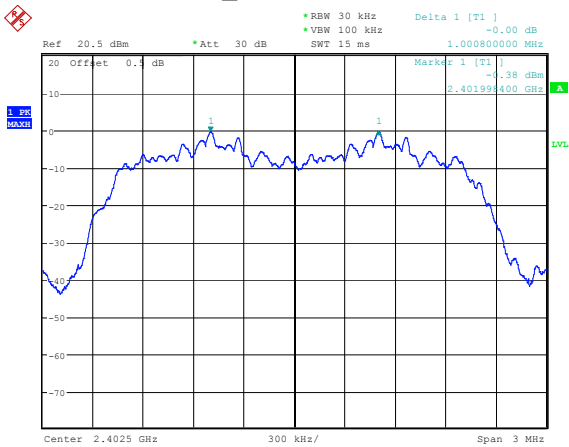
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:24:48

2DH1_High 0.998MHz



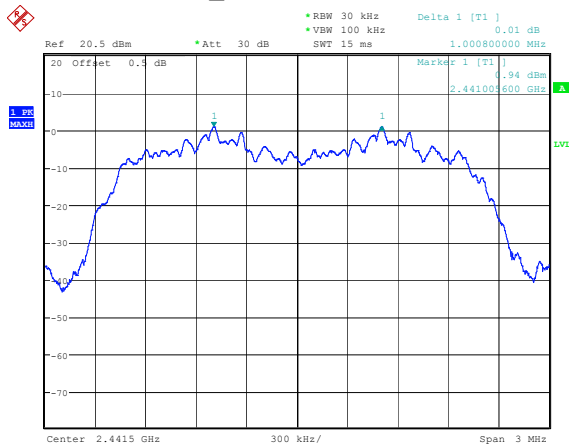
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:27:26

3DH1_Low 1.001MHz



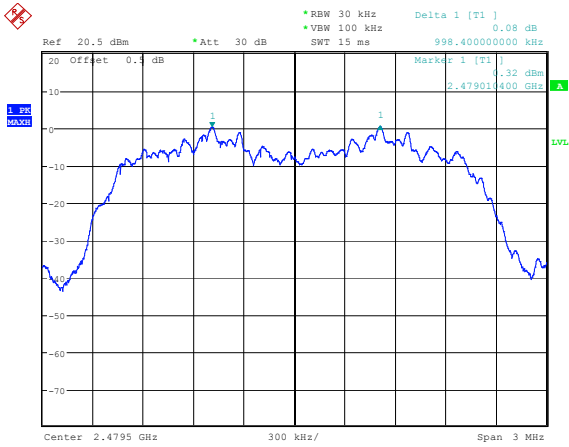
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:30:11

3DH1_Middle 1.001MHz



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:32:52

3DH1_High 0.998MHz

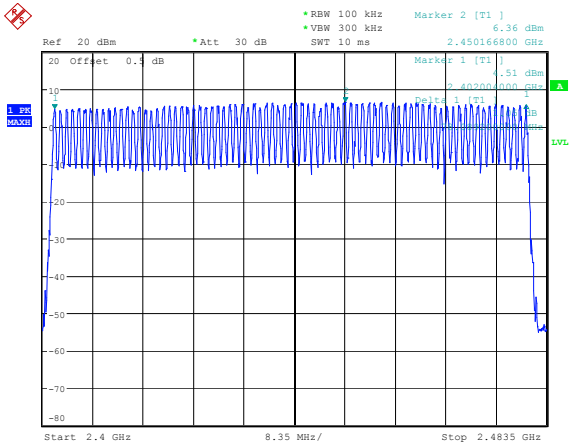


Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:35:45

Number of Hopping Frequency

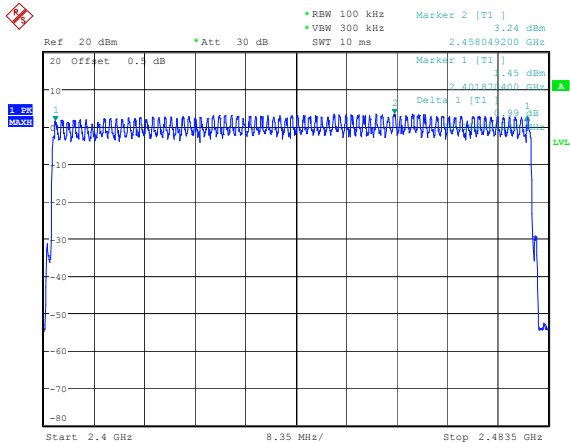
Mode	Channel	Result	Limit	Verdict
DH1	Hopping	79	15	Pass
2DH1	Hopping	79	15	Pass
3DH1	Hopping	79	15	Pass

DH1_Hopping 79



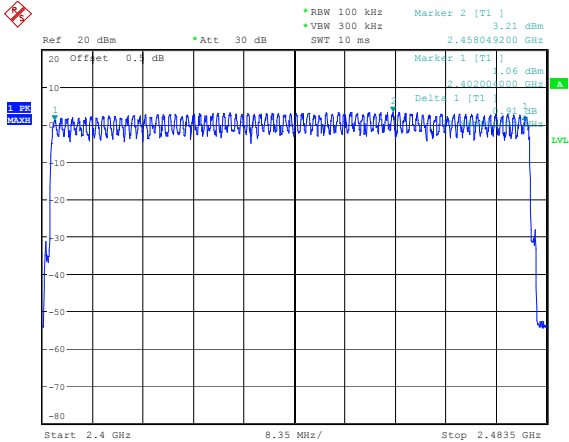
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 17:02:28

2DH1_Hopping 79



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 17:27:41

3DH1_Hopping 79

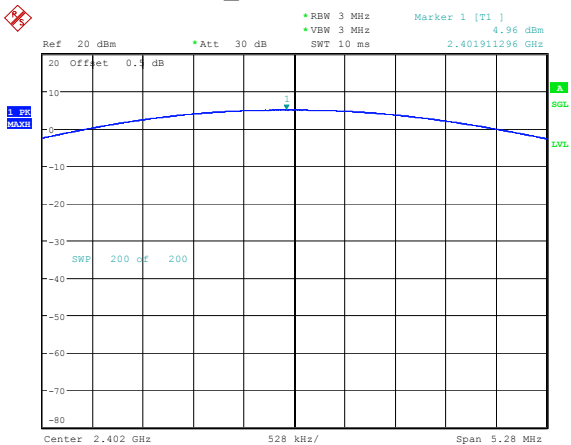


Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 17:17:52

Maximum Conducted Output Power

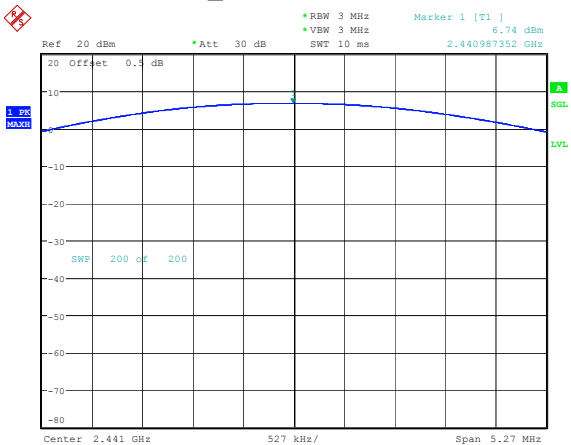
Mode	Channel	Result (dBm)	Limit (dBm)	Verdict
DH1	Low	4.96	21.00	Pass
	Middle	6.74	21.00	Pass
	High	6.02	21.00	Pass
2DH1	Low	3.76	21.00	Pass
	Middle	5.39	21.00	Pass
	High	4.75	21.00	Pass
3DH1	Low	4.36	21.00	Pass
	Middle	5.69	21.00	Pass
	High	5.08	21.00	Pass

DH1_Low 4.96dBm



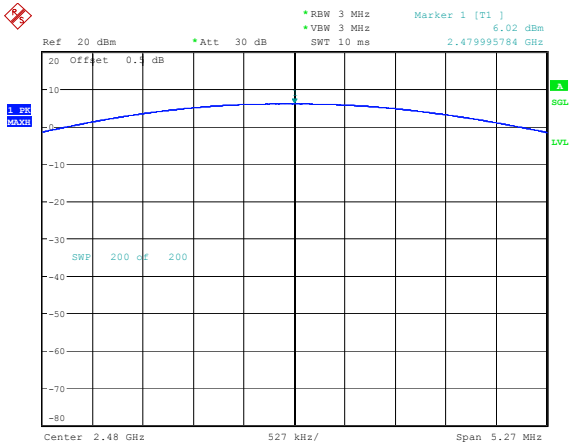
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:01:13

DH1_Middle 6.74dBm



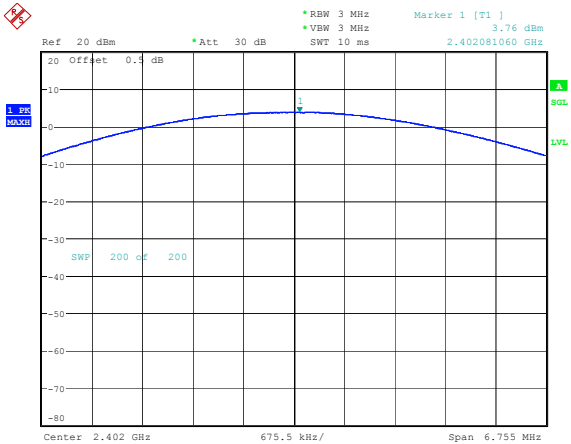
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:03:53

DH1_High 6.02dBm



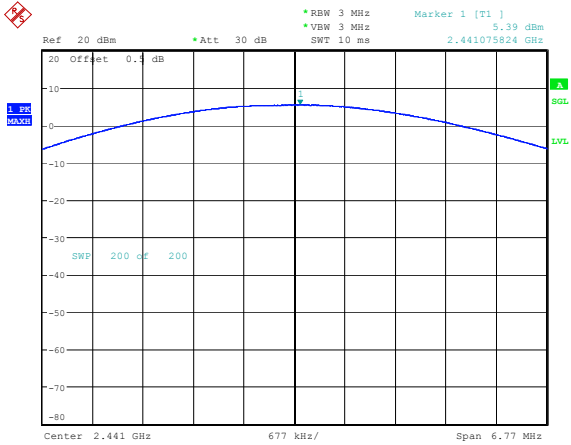
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:07:41

2DH1_Low 3.76dBm



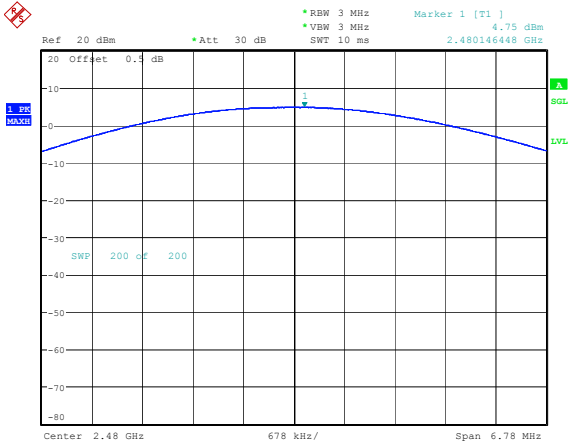
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:21:14

2DH1_Middle 5.39dBm



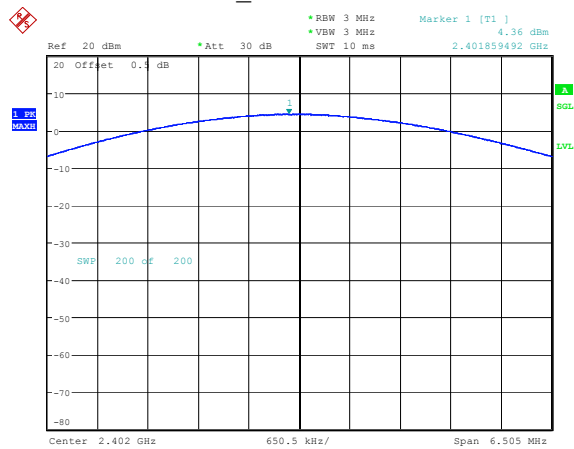
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:23:38

2DH1_High 4.75dBm

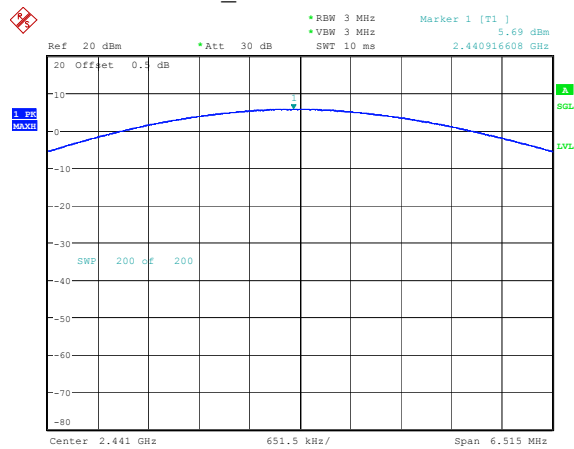


Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:26:10

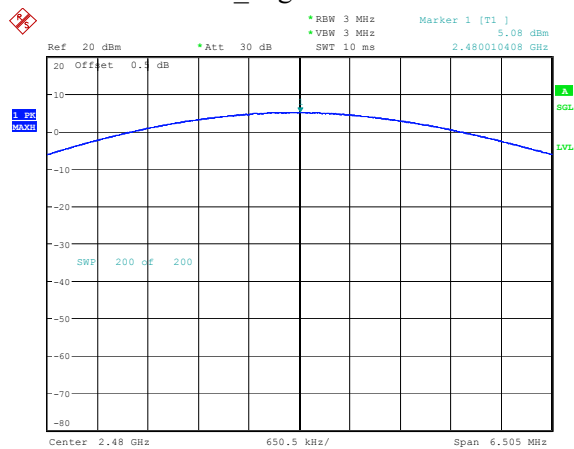
3DH1_Low 4.36dBm



3DH1_Middle 5.69dBm



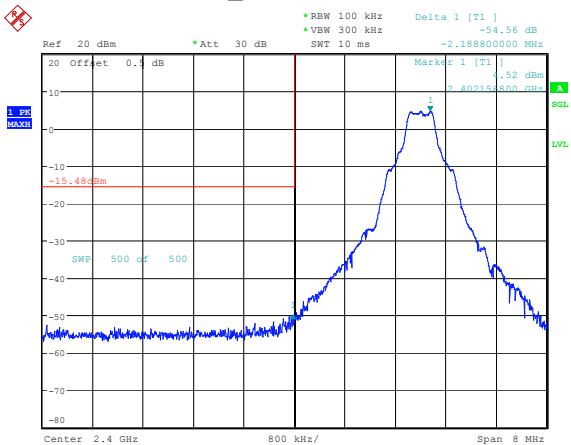
3DH1_High 5.08dBm



100 kHz Bandwidth of Frequency Band Edge

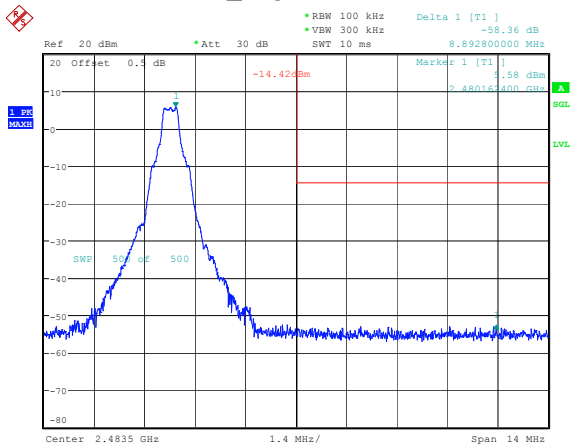
Mode	Channel	Result (dB)	Limit (dB)	Verdict
DH1	Low	54.56	20.00	Pass
	High	58.36	20.00	Pass
	Hopping_Lower	54.84	20.00	Pass
	Hopping_Upper	57.86	20.00	Pass
2DH1	Low	53.26	20.00	Pass
	High	54.98	20.00	Pass
	Hopping_Lower	53.48	20.00	Pass
	Hopping_Upper	54.96	20.00	Pass
3DH1	Low	52.58	20.00	Pass
	High	54.76	20.00	Pass
	Hopping_Lower	53.66	20.00	Pass
	Hopping_Upper	55.00	20.00	Pass

DH1_Low 54.56dB



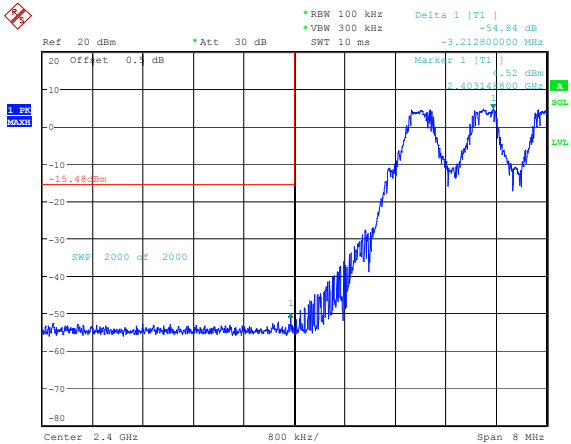
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:00:21

DH1_High 58.36dB



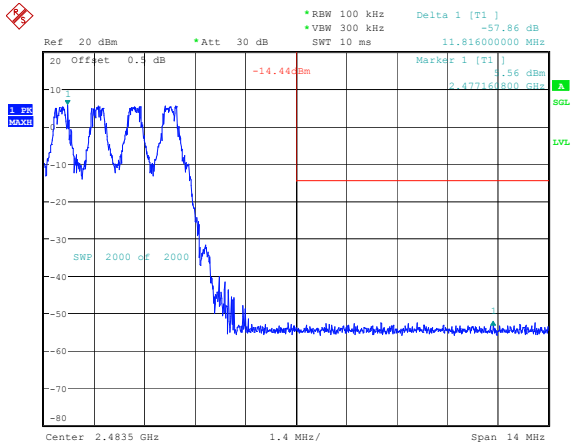
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:06:48

DH1_Hopping_Lower 54.84dB



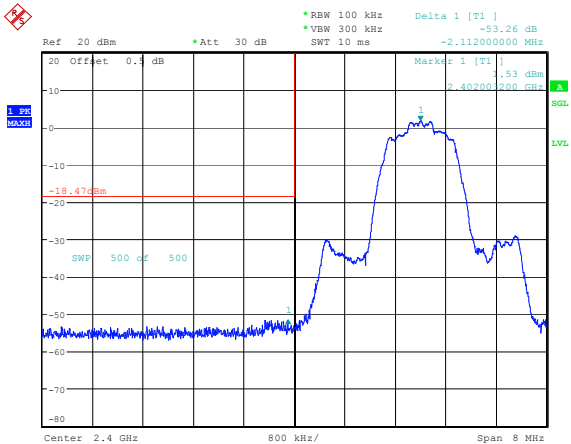
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:33:55

DH1_Hopping_Upper 57.86dB



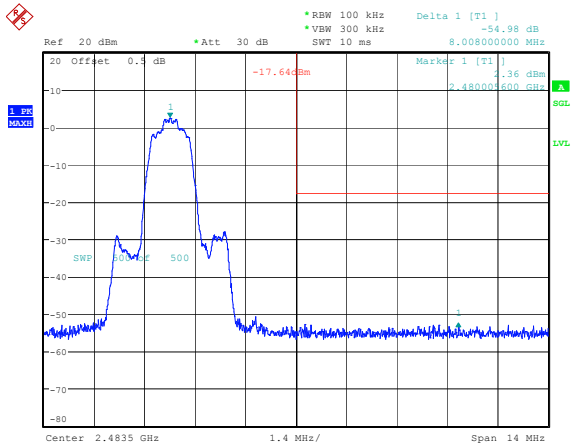
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:37:37

2DH1_Low 53.26dB



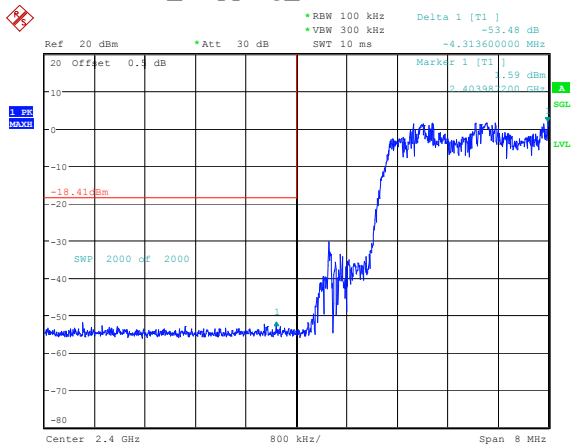
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:52:26

2DH1_High 54.98dB



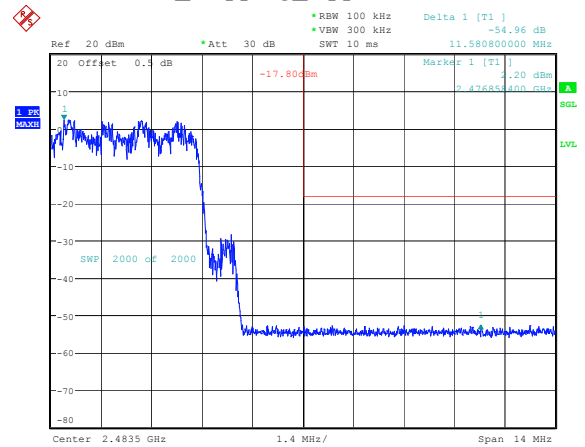
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:53:45

2DH1_Hopping_Lower 53.48dB



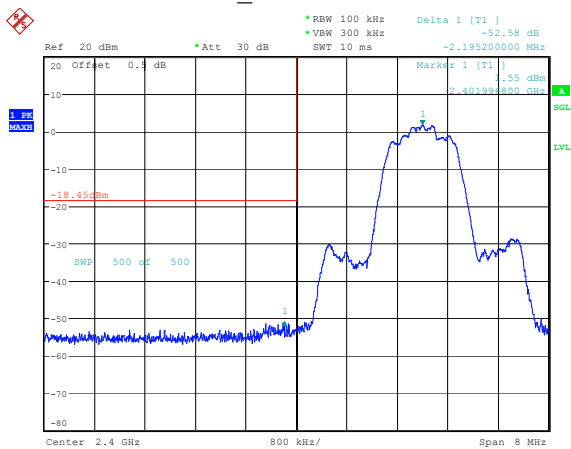
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:40:53

2DH1_Hopping_Upper 54.96dB



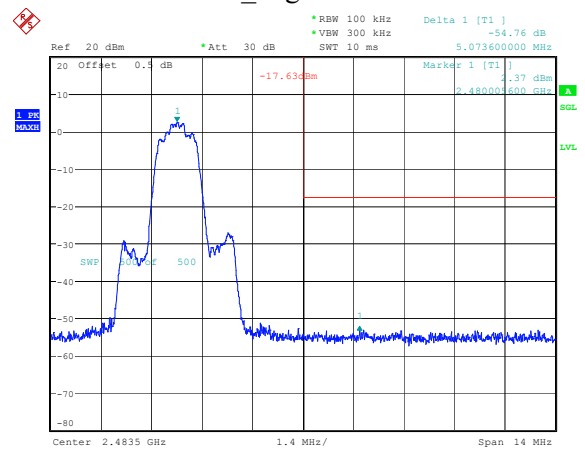
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:43:39

3DH1_Low 52.58dB



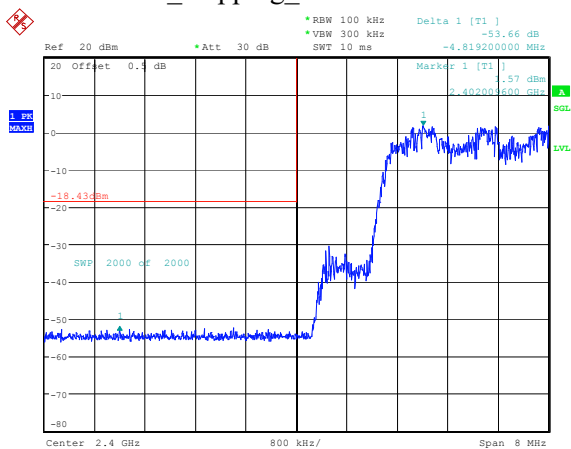
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:54:33

3DH1_High 54.76dB



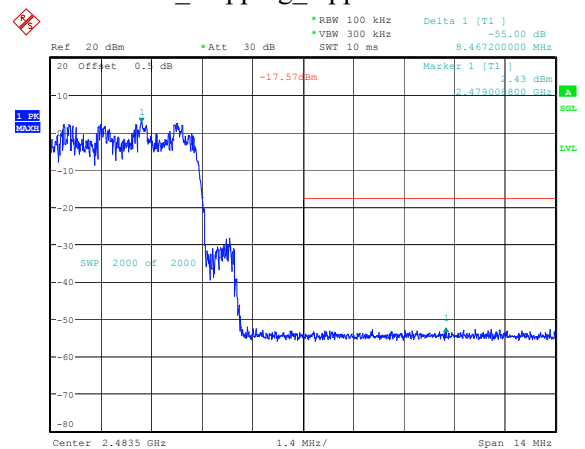
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:55:26

3DH1_Hopping_Lower 53.66dB



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:46:12

3DH1_Hopping_Upper 55.00dB



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 7.NOV.2024 16:48:58

Time of Occupancy (dwell time)

Mode	Channel	Pulse width (ms)	Dwell time (s)	Limit (s)	Verdict
DH1	Hopping	0.400	0.128	0.400	Pass
DH3	Hopping	1.661	0.266	0.400	Pass
DH5	Hopping	2.916	0.311	0.400	Pass
2DH1	Hopping	0.405	0.130	0.400	Pass
2DH3	Hopping	1.663	0.266	0.400	Pass
2DH5	Hopping	2.916	0.311	0.400	Pass
3DH1	Hopping	0.405	0.130	0.400	Pass
3DH3	Hopping	1.661	0.266	0.400	Pass
3DH5	Hopping	2.920	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

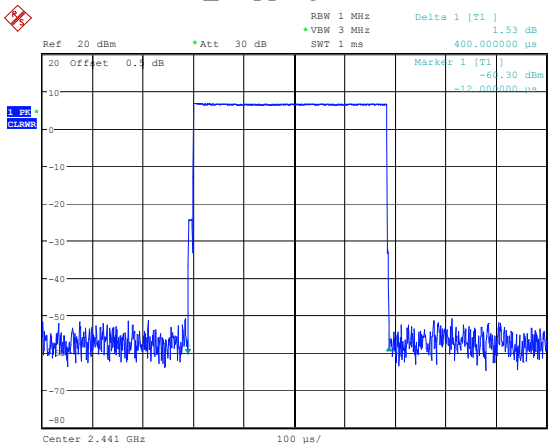
2DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

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

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

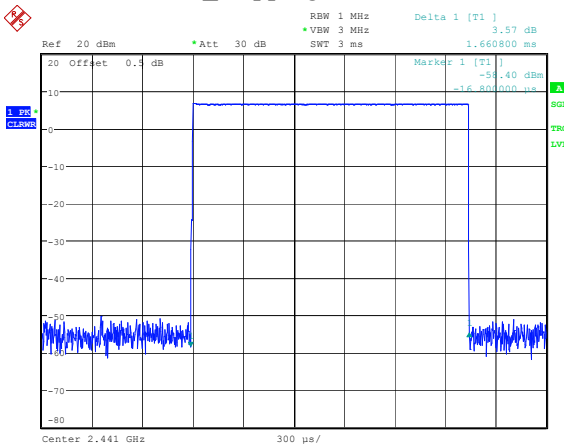
3DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

DH1_Hopping 0.400ms



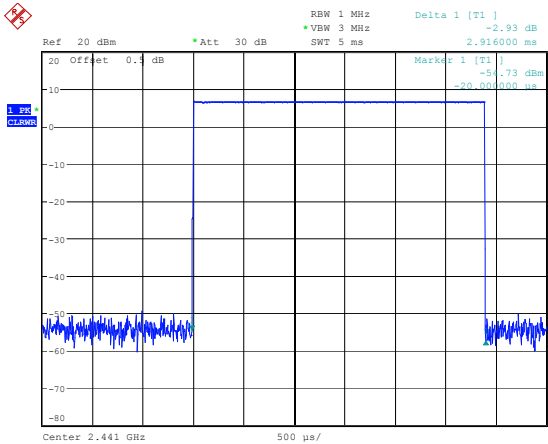
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:38:29

DH3_Hopping 1.661ms



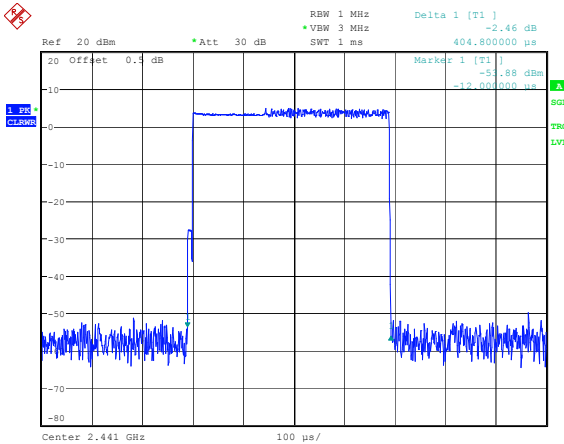
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:39:07

DH5_Hopping 2.916ms



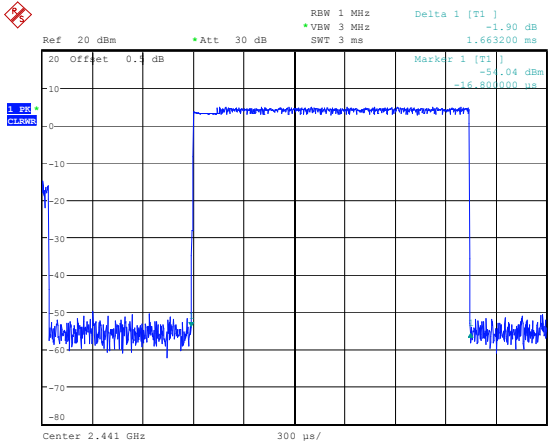
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:46:42

2DH1_Hopping 0.405ms



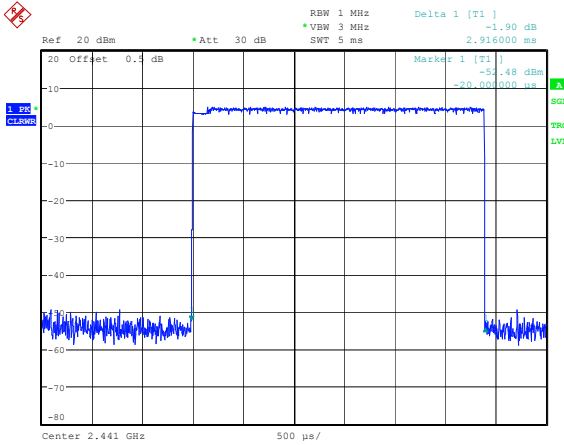
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:40:50

2DH3_Hopping 1.663ms



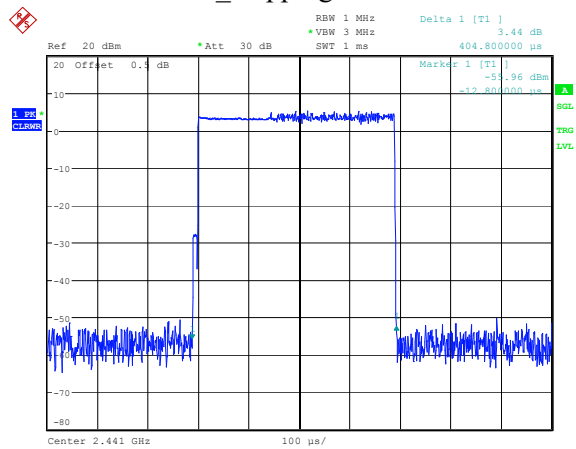
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:41:36

2DH5_Hopping 2.916ms



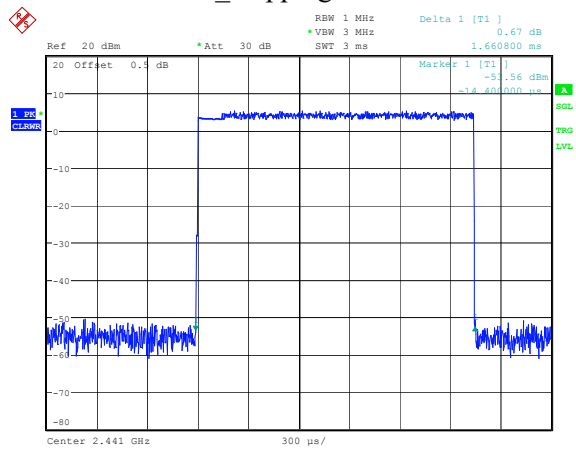
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:42:08

3DH1_Hopping 0.405ms



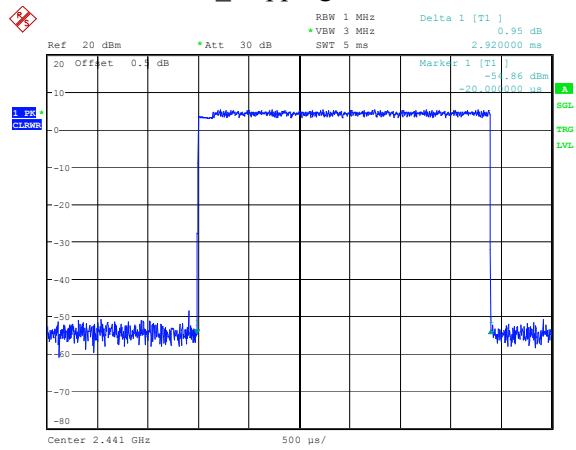
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:42:43

3DH3_Hopping 1.661ms



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:46:11

3DH5_Hopping 2.920ms



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li
Date: 8.NOV.2024 09:44:17