

Test Information:

Sample No.:	2TEK-2	Test Date:	2024/11/14~2024/11/18
Test Site:	RF	Test Mode:	Transmitting
Tester:	Leo Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	27.1-27.4	Relative Humidity: (%)	50-54	ATM Pressure: (kPa)	100.6-101.2
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Test Equipment List and Details:

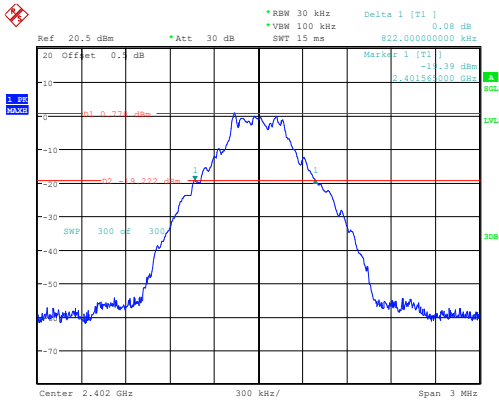
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	200256	2024/04/01	2025/03/31
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A

* 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

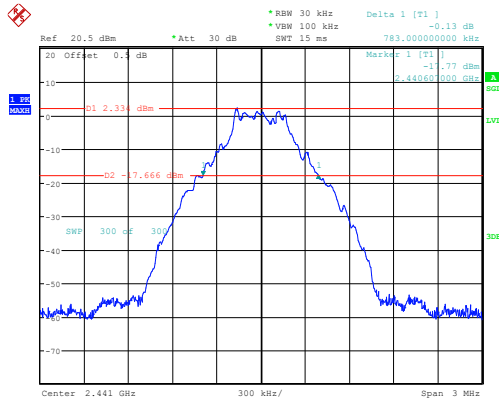
Mode	Channel	Result (MHz)	Verdict
DH1	Low	0.822	Pass
	Middle	0.783	Pass
	High	0.777	Pass
2DH1	Low	1.215	Pass
	Middle	1.212	Pass
	High	1.215	Pass
3DH1	Low	1.221	Pass
	Middle	1.221	Pass
	High	1.221	Pass

DH1_Low 0.822MHz



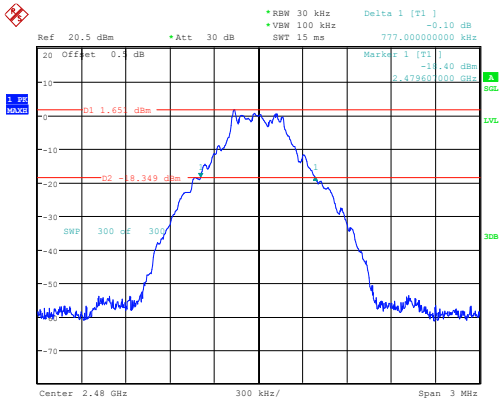
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 08:56:05

DH1_Middle 0.783MHz



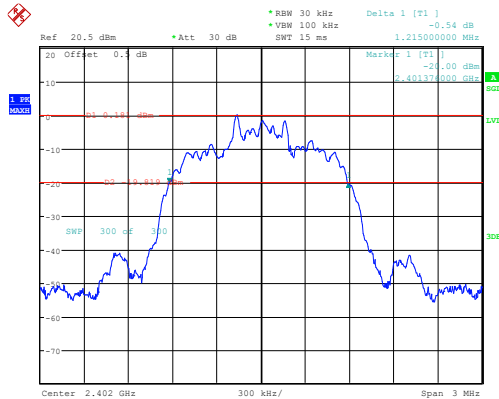
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 08:59:42

DH1_High 0.777MHz



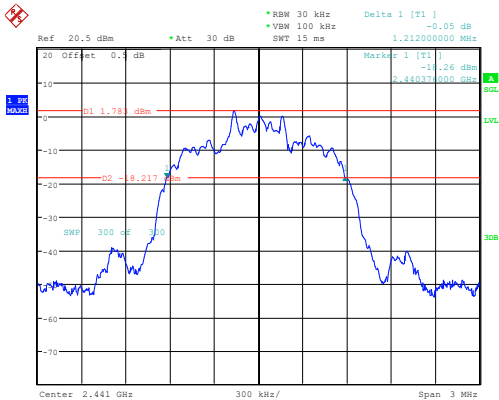
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:01:30

2DH1_Low 1.215MHz



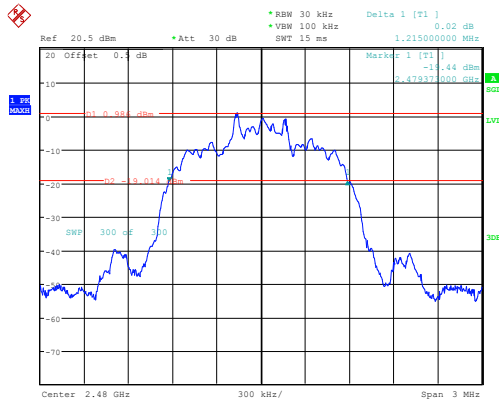
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:10:11

2DH1_Middle 1.212MHz



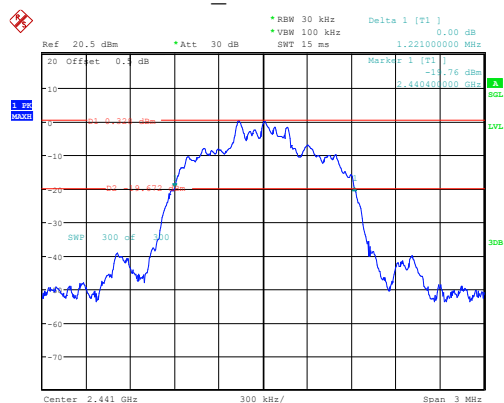
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:13:30

2DH1_High 1.215MHz



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:15:19

3DH1 Middle 1.221MHz

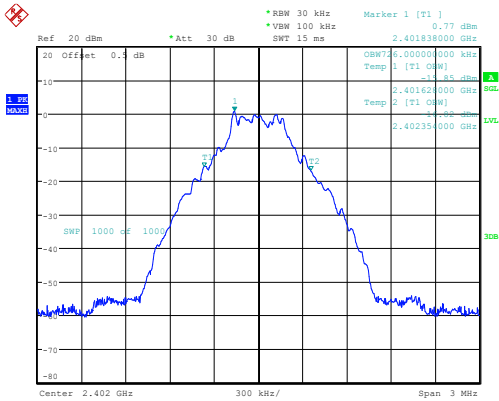


ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:27:43

99% Occupied Bandwidth

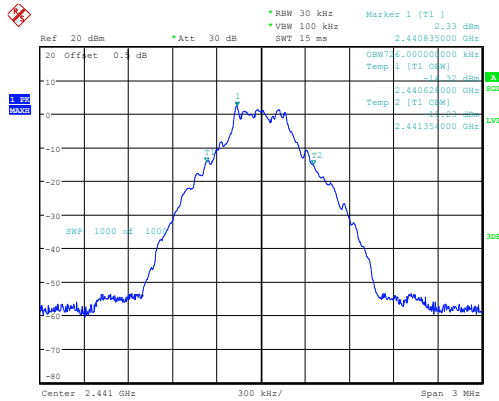
Mode	Channel	99% OBW (MHz)
DH1	Low	0.726
	Middle	0.726
	High	0.726
2DH1	Low	1.134
	Middle	1.134
	High	1.134
3DH1	Low	1.125
	Middle	1.125
	High	1.125

DH1_Low 0.726MHz



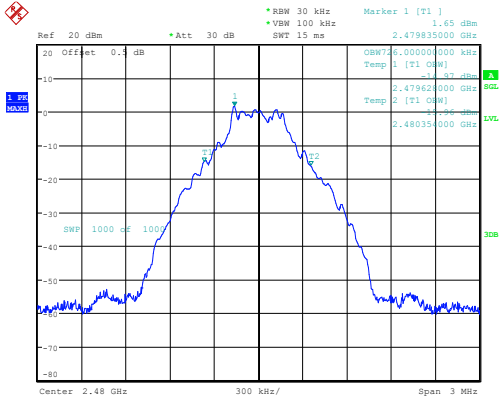
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 08:58:34

DH1_Middle 0.726MHz



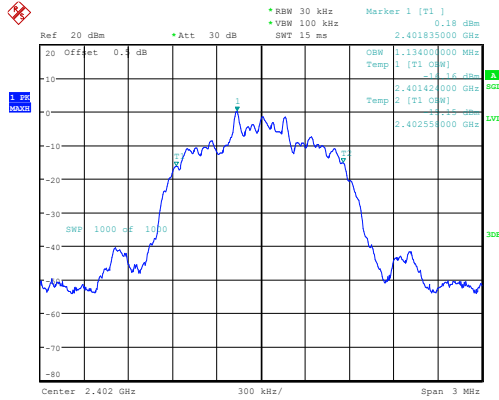
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:00:36

DH1_High 0.726MHz



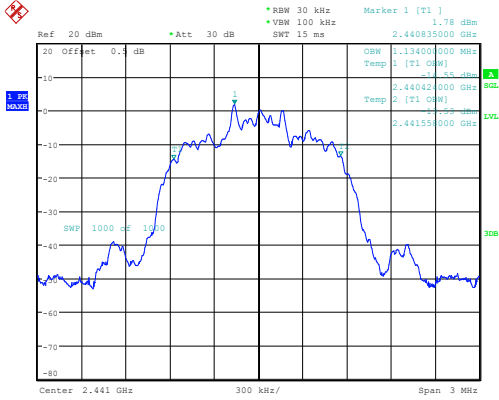
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:04:35

2DH1_Low 1.134MHz



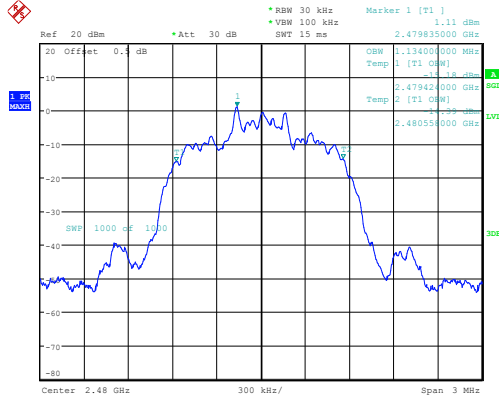
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:12:39

2DH1_Middle 1.134MHz



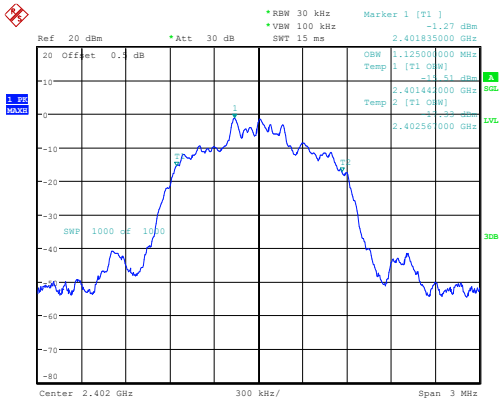
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:14:23

2DH1_High 1.134MHz



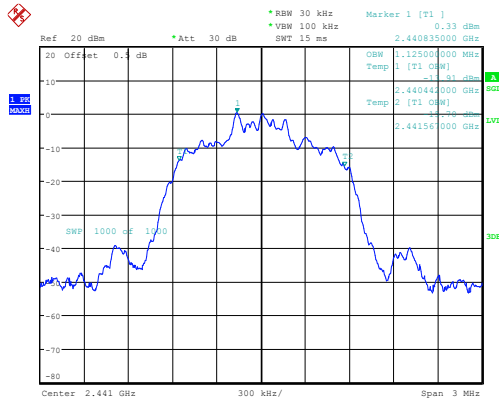
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:18:24

3DH1_Low 1.125MHz



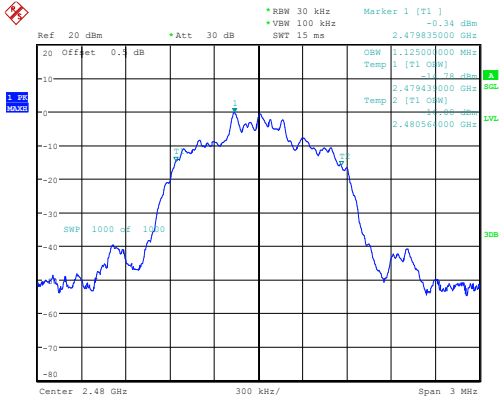
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:26:52

3DH1_Middle 1.125MHz



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:28:36

3DH1_High 1.125MHz

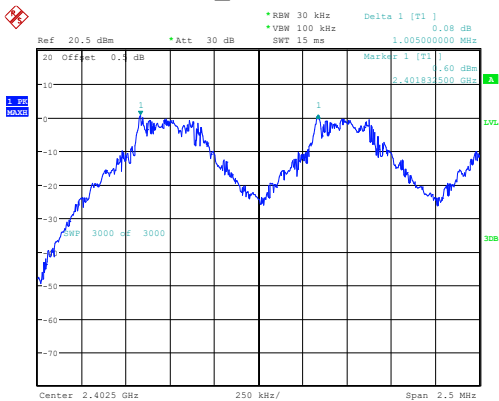


ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:32:44

Channel Separation

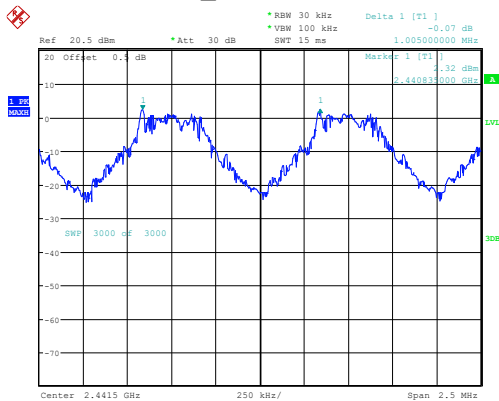
Mode	Channel	Result (MHz)	Limit (MHz)	Verdict
DH1	Low	1.005	0.548	Pass
	Middle	1.005	0.522	Pass
	High	1	0.518	Pass
2DH1	Low	1.005	0.810	Pass
	Middle	1.005	0.808	Pass
	High	1.003	0.810	Pass
3DH1	Low	1.005	0.814	Pass
	Middle	1.005	0.814	Pass
	High	1	0.814	Pass

DH1_Low 1.005MHz



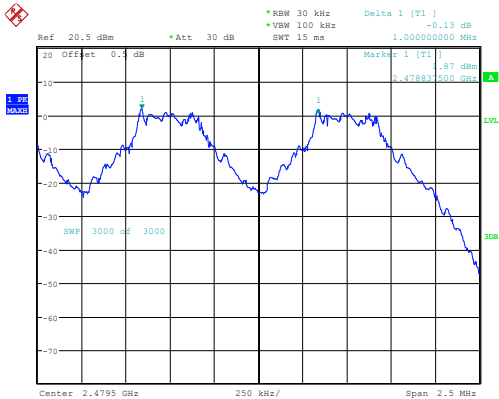
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:42:03

DH1_Middle 1.005MHz



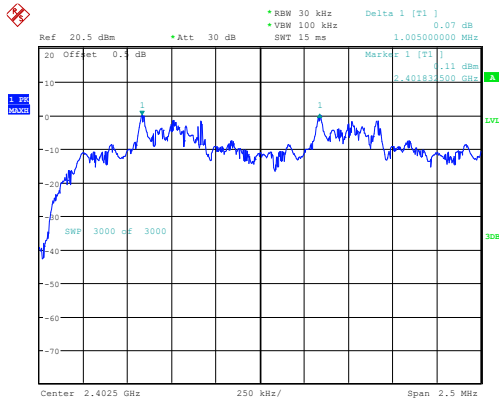
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:49:38

DH1_High 1MHz



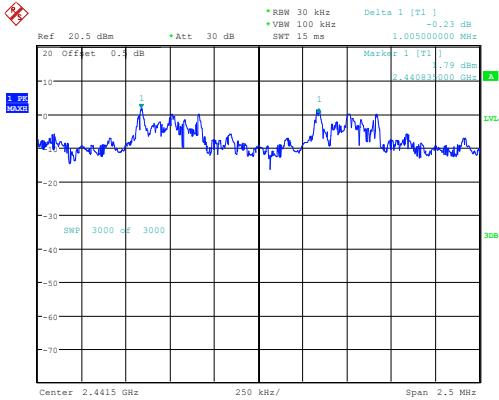
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 10:00:19

2DH1_Low 1.005MHz



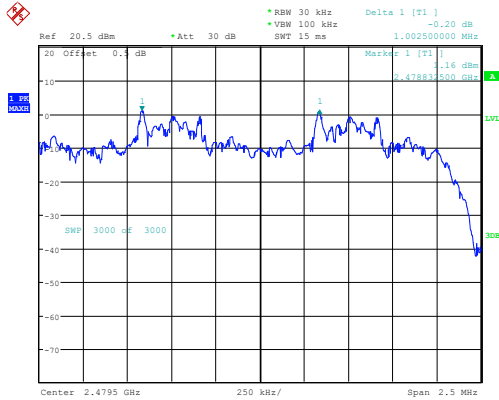
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 10:12:21

2DH1_Middle 1.005MHz



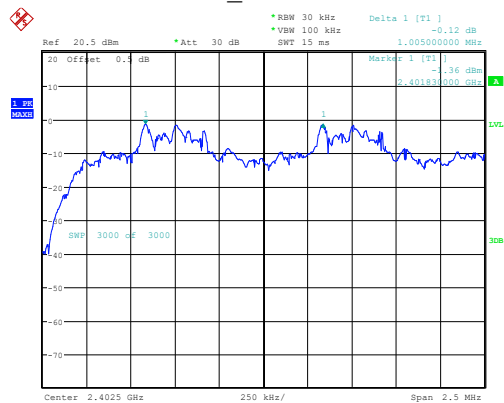
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 10:16:09

2DH1_High 1.003MHz



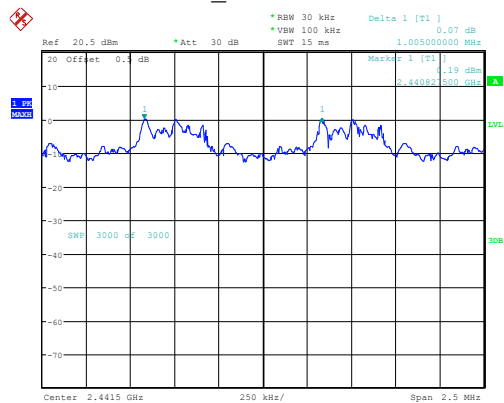
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 18.NOV.2024 09:29:33

3DH1_Low 1.005MHz



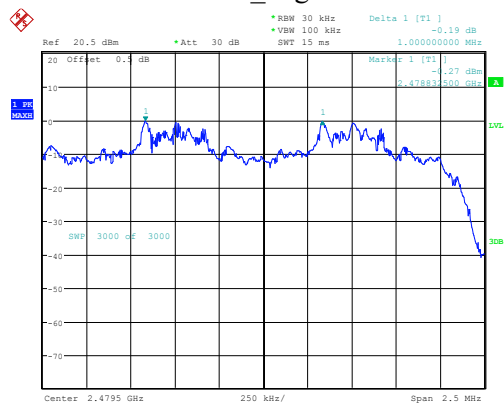
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 18.NOV.2024 09:41:04

3DH1_Middle 1.005MHz



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 18.NOV.2024 09:49:03

3DH1_High 1MHz

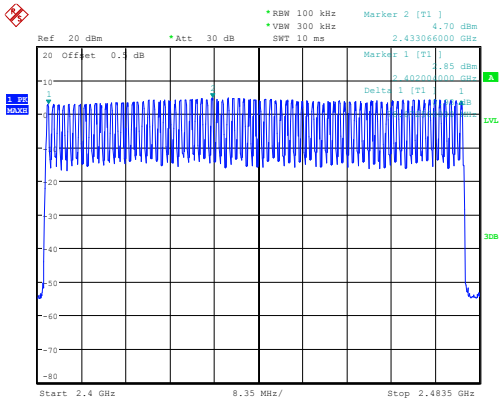


ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 18.NOV.2024 09:56:00

Number of Hopping Frequency

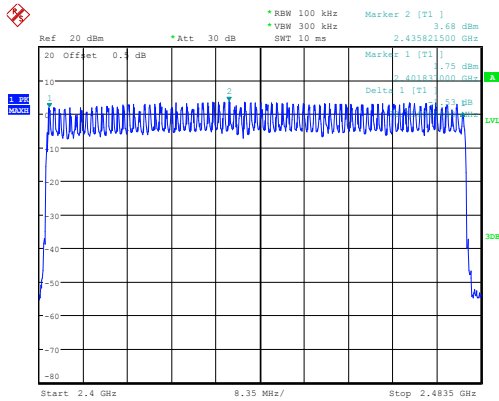
Mode	Channel	Result	Limit	Verdict
DH1	Hopping	79	15	Pass
2DH1	Hopping	79	15	Pass
3DH1	Hopping	79	15	Pass

DH1_Hopping 79



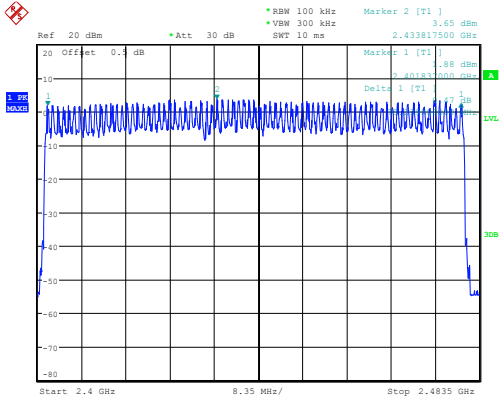
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 10:05:21

2DH1_Hopping 79



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 18.NOV.2024 09:33:52

3DH1_Hopping 79



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 18.NOV.2024 09:59:57

Maximum Conducted Output Power

Mode	Channel	Result (dBm)	Limit (dBm)	Verdict
DH1	Low	3.34	21.00	Pass
	Middle	4.93	21.00	Pass
	High	4.25	21.00	Pass
2DH1	Low	2.53	21.00	Pass
	Middle	4.13	21.00	Pass
	High	3.44	21.00	Pass
3DH1	Low	2.44	21.00	Pass
	Middle	4.02	21.00	Pass
	High	3.33	21.00	Pass



Date: 14.NOV.2024 08:59:06



Date: 14.NOV.2024 09:00:53



Date: 14.NOV.2024 09:04:52



Date: 14.NOV.2024 09:12:56

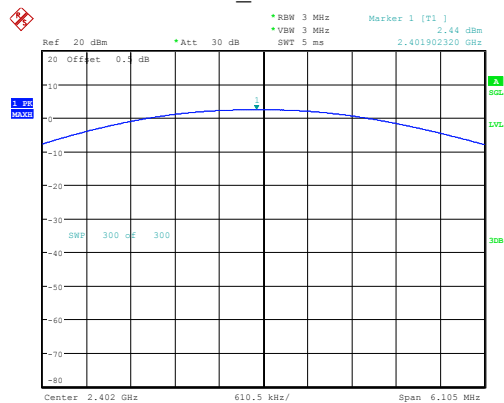


Date: 14.NOV.2024 09:14:41



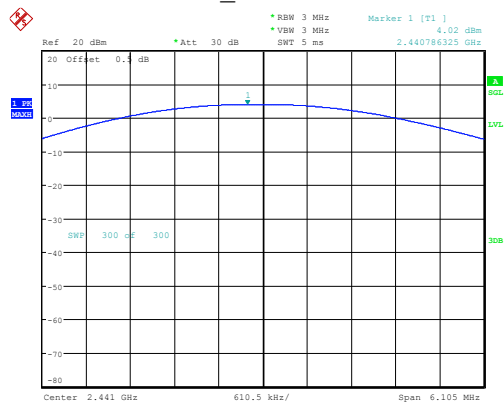
Date: 14.NOV.2024 09:19:11

3DH1_Low 2.44dBm



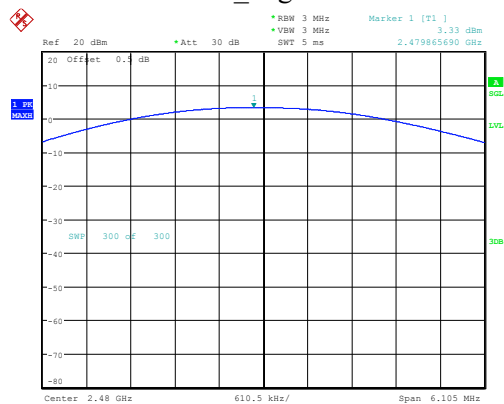
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:27:10

3DH1_Middle 4.02dBm



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:29:07

3DH1_High 3.33dBm

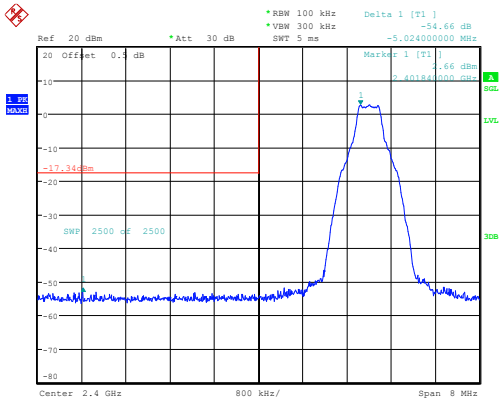


ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:33:01

100 kHz Bandwidth of Frequency Band Edge

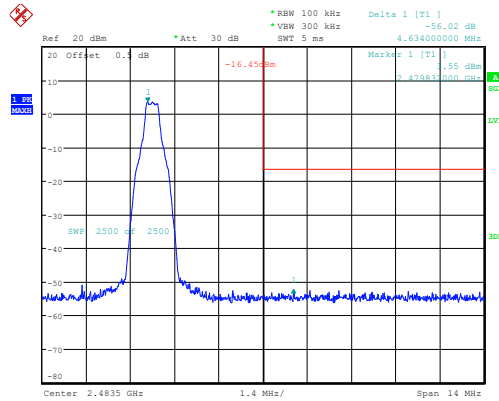
Mode	Channel	Result (dB)	Limit (dB)	Verdict
DH1	Low	54.66	20.00	Pass
	High	56.02	20.00	Pass
	Hopping_Lower	55.54	20.00	Pass
	Hopping_Upper	56.65	20.00	Pass
2DH1	Low	54.43	20.00	Pass
	High	54.86	20.00	Pass
	Hopping_Lower	54.24	20.00	Pass
	Hopping_Upper	55.43	20.00	Pass
3DH1	Low	54.73	20.00	Pass
	High	55.52	20.00	Pass
	Hopping_Lower	54.69	20.00	Pass
	Hopping_Upper	55.44	20.00	Pass

DH1_Low 54.66dB



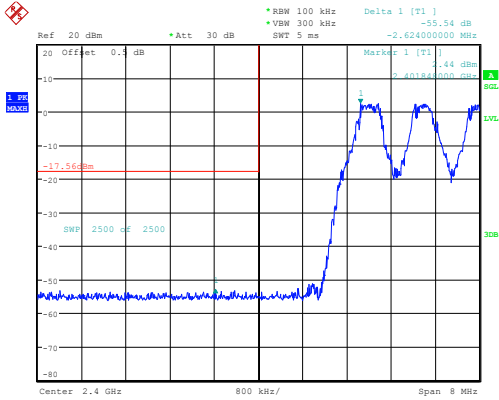
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 08:57:36

DH1_High 56.02dB



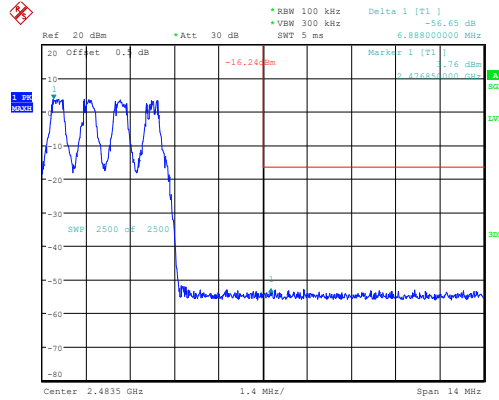
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:03:41

DH1_Hopping_Lower 55.54dB



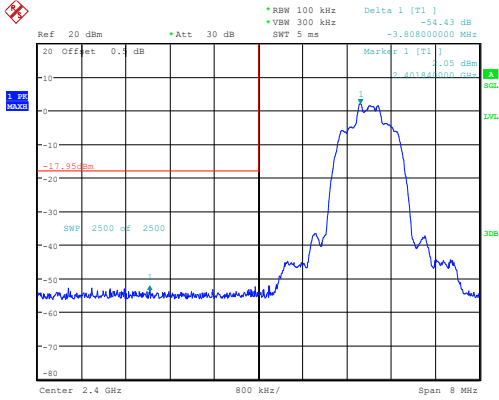
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:06:33

DH1_Hopping_Upper 56.65dB



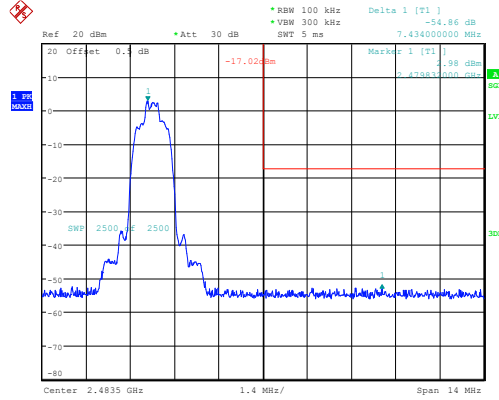
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:08:48

2DH1_Low 54.43dB



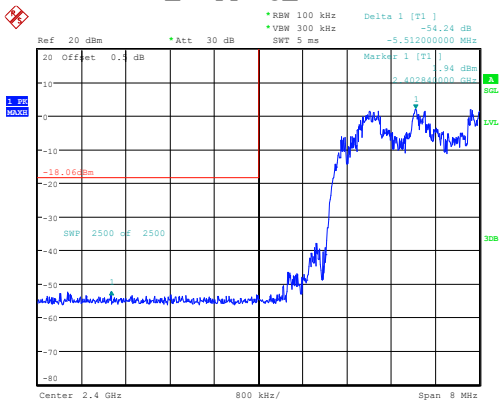
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:11:42

2DH1_High 54.86dB



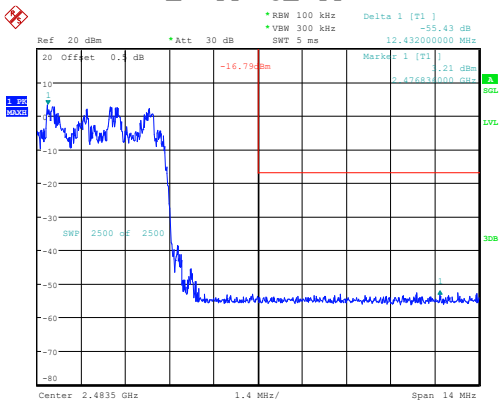
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:17:30

2DH1_Hopping_Lower 54.24dB



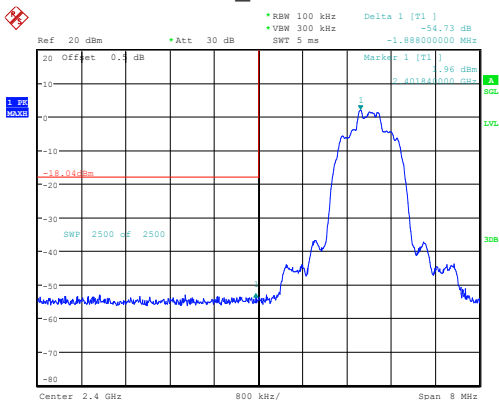
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:20:53

2DH1_Hopping_Upper 55.43dB



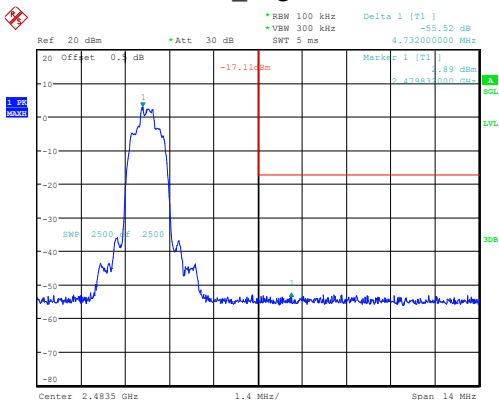
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:23:41

3DH1_Low 54.73dB



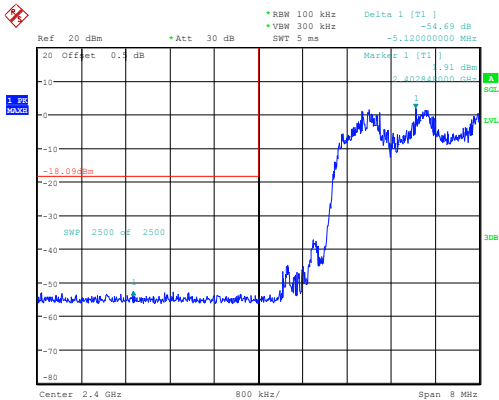
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:25:56

3DH1_High 55.52dB



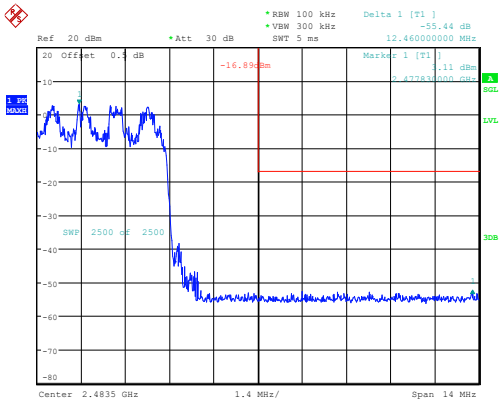
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:31:50

3DH1_Hopping_Lower 54.69dB



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:34:44

3DH1_Hopping_Upper 55.44dB



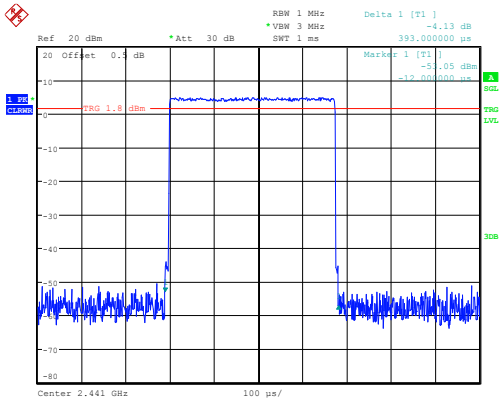
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 14.NOV.2024 09:38:10

Time of Occupancy (dwell time)

Mode	Channel	Pulse width (ms)	Dwell time (s)	Limit (s)	Verdict
DH1	Hopping	0.393	0.126	0.400	Pass
DH3	Hopping	1.659	0.265	0.400	Pass
DH5	Hopping	2.925	0.312	0.400	Pass
2DH1	Hopping	0.401	0.128	0.400	Pass
2DH3	Hopping	1.662	0.266	0.400	Pass
2DH5	Hopping	2.930	0.313	0.400	Pass
3DH1	Hopping	0.400	0.128	0.400	Pass
3DH3	Hopping	1.662	0.266	0.400	Pass
3DH5	Hopping	2.935	0.313	0.400	Pass

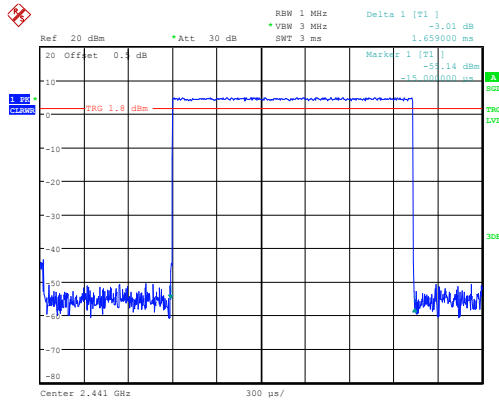
Note:**DH1:Dwell time=Pulse width (ms) × (1600/2/79) ×31.6 s****DH3:Dwell time=Pulse width (ms) × (1600/4/79) ×31.6 s****DH5:Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s****2DH1: Dwell time=Pulse width (ms) × (1600/2/79) ×31.6 s****2DH3: Dwell time=Pulse width (ms) × (1600/4/79) ×31.6 s****2DH5: 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 0.393ms



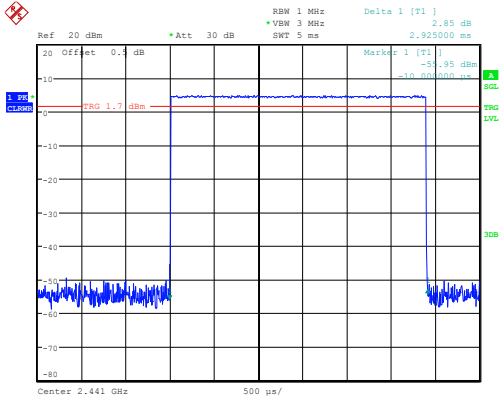
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 18.NOV.2024 10:01:03

DH3_Hopping 1.659ms



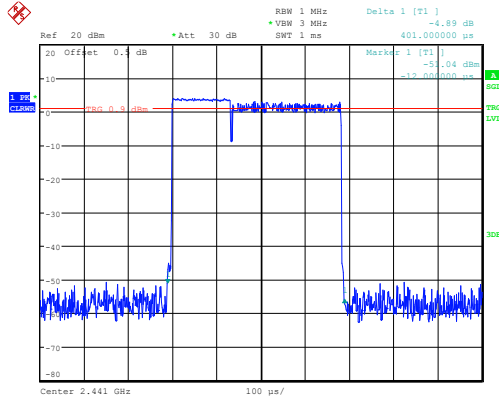
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 18.NOV.2024 10:01:52

DH5_Hopping 2.925ms



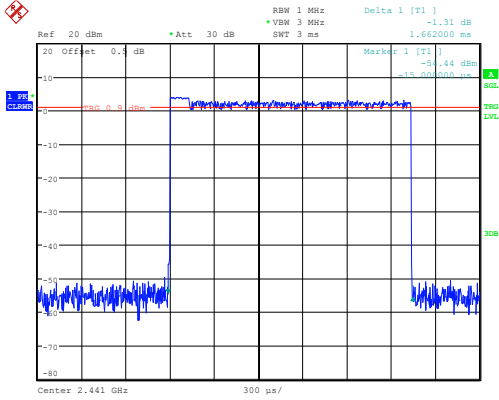
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 18.NOV.2024 10:02:34

2DH1_Hopping 0.401ms



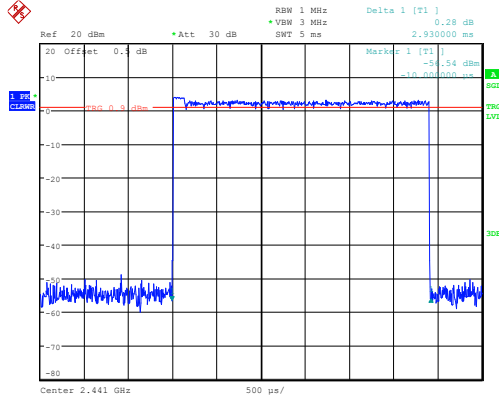
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 18.NOV.2024 10:03:13

2DH3_Hopping 1.662ms



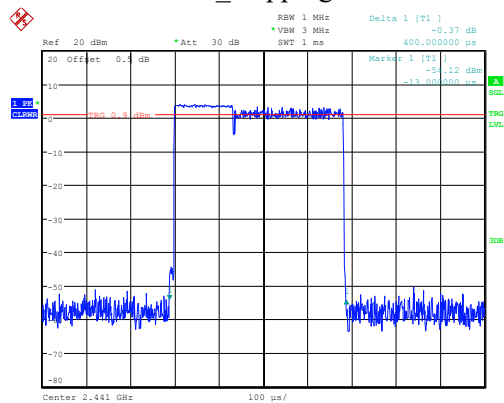
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 18.NOV.2024 10:08:34

2DH5_Hopping 2.930ms



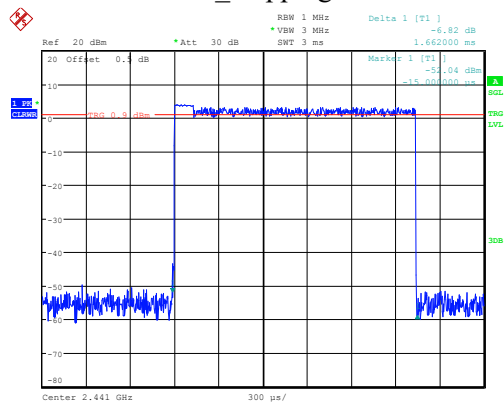
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 18.NOV.2024 10:04:31

3DH1_Hopping 0.400ms



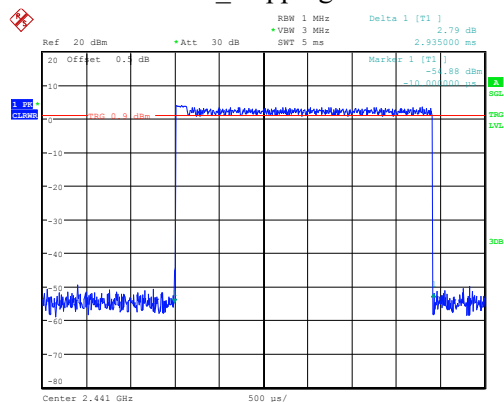
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 18.NOV.2024 10:05:13

3DH3_Hopping 1.662ms



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 18.NOV.2024 10:05:56

3DH5_Hopping 2.935ms



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Date: 18.NOV.2024 10:06:37