

Test Information:

Sample No.:	2TEK-2	Test Date:	2024/11/01
Test Site:	RF	Test Mode:	Transmitting
Tester:	Leo Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	26.4	Relative Humidity: (%)	51	ATM Pressure: (kPa)	100.3
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Test Equipment List and Details:

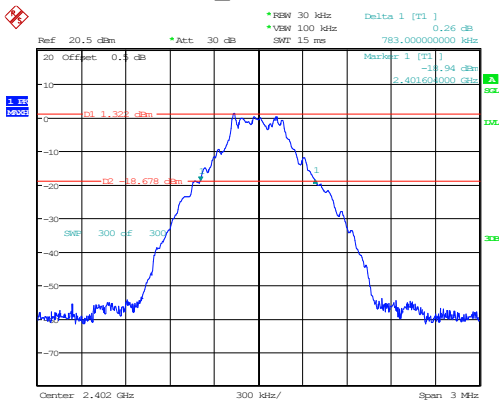
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	200256	2024/04/01	2025/03/31
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A

* 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

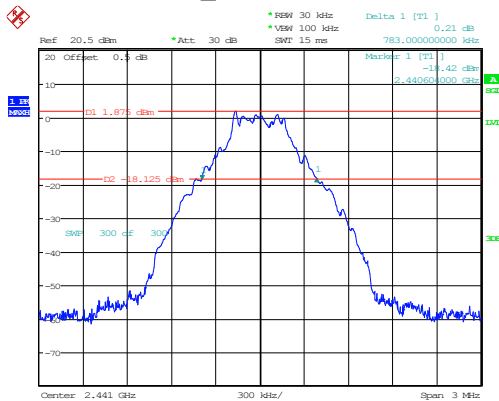
Mode	Channel	Result (MHz)	Verdict
DH1	Low	0.783	Pass
	Middle	0.783	Pass
	High	0.780	Pass
2DH1	Low	1.215	Pass
	Middle	1.215	Pass
	High	1.215	Pass
3DH1	Low	1.224	Pass
	Middle	1.221	Pass
	High	1.224	Pass

DH1_Low 0.783MHz



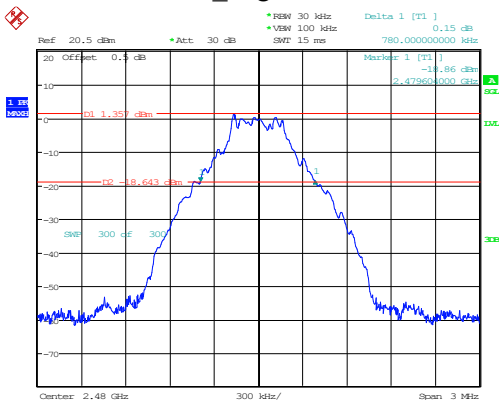
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 11:20:17

DH1_Middle 0.783MHz



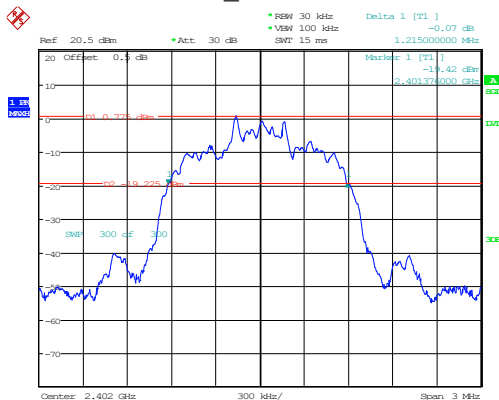
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 11:54:19

DH1_High 0.780MHz



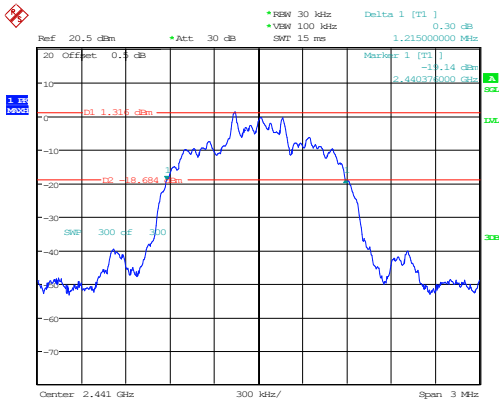
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 11:57:49

2DH1_Low 1.215MHz



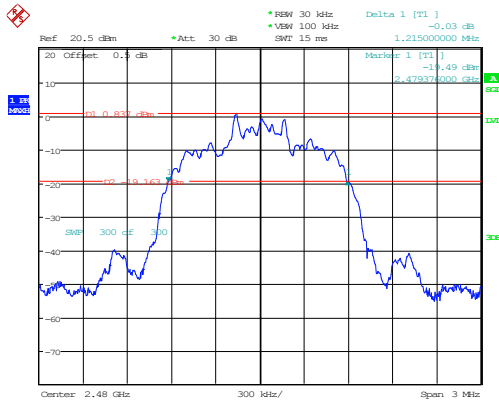
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:07:46

2DH1_Middle 1.215MHz



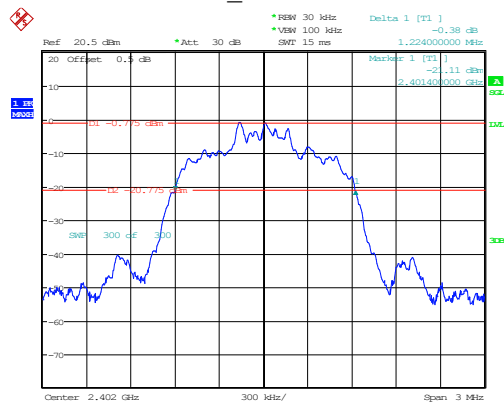
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:13:01

2DH1_High 1.215MHz



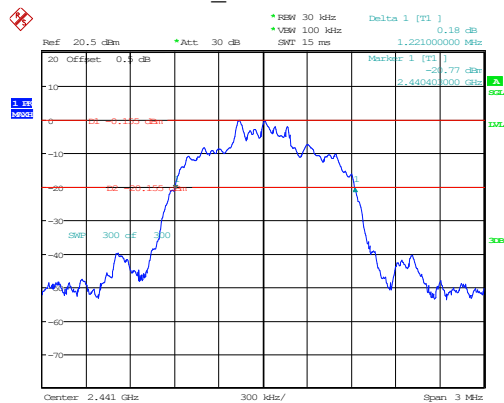
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:17:23

3DH1_Low 1.224MHz



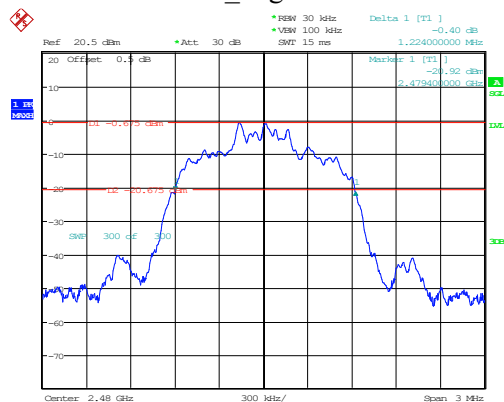
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:31:49

3DH1_Middle 1.221MHz



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:38:53

3DH1_High 1.224MHz

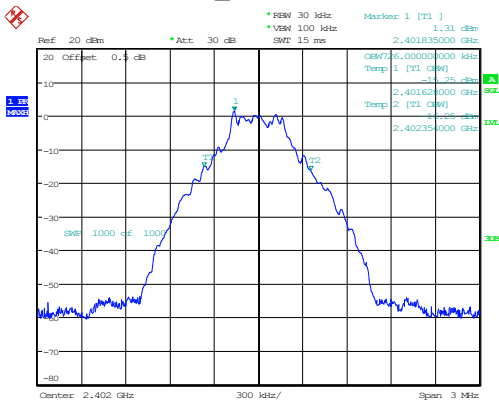


ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:43:04

99% Occupied Bandwidth

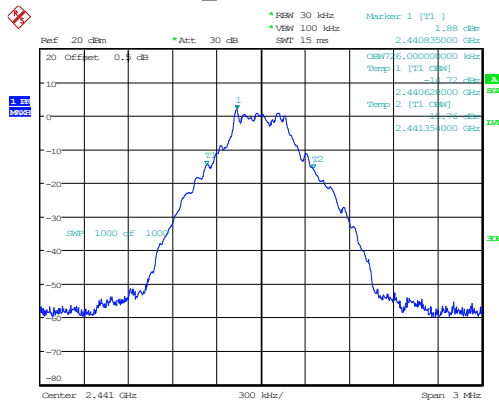
Mode	Channel	99% OBW (MHz)
DH1	Low	0.726
	Middle	0.726
	High	0.723
2DH1	Low	1.134
	Middle	1.134
	High	1.134
3DH1	Low	1.125
	Middle	1.128
	High	1.125

DH1_Low 0.726MHz



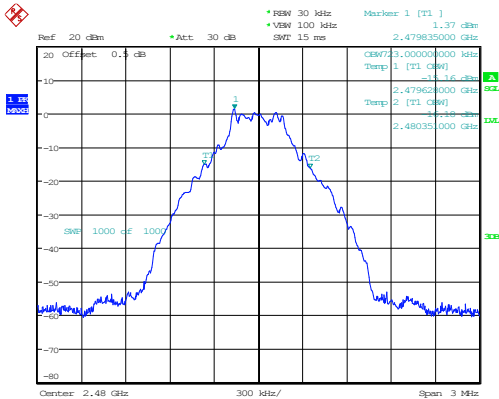
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 11:24:27

DH1_Middle 0.726MHz



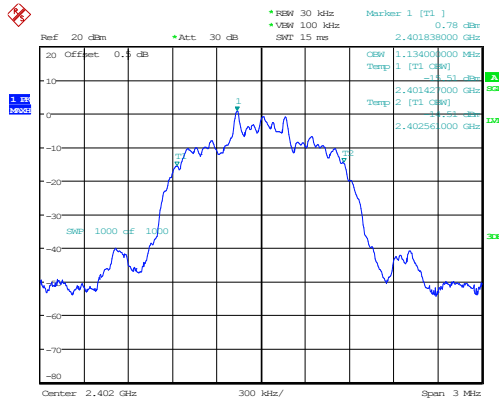
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 11:56:05

DH1_High 0.723MHz



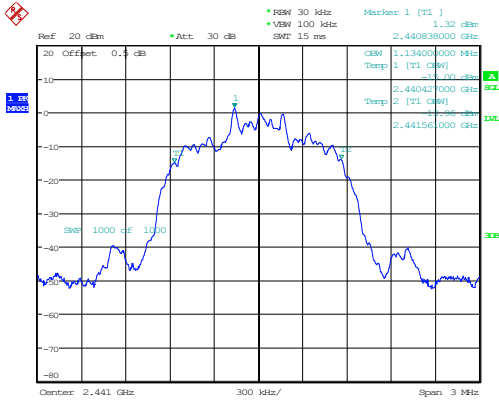
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 12:02:57

2DH1_Low 1.134MHz



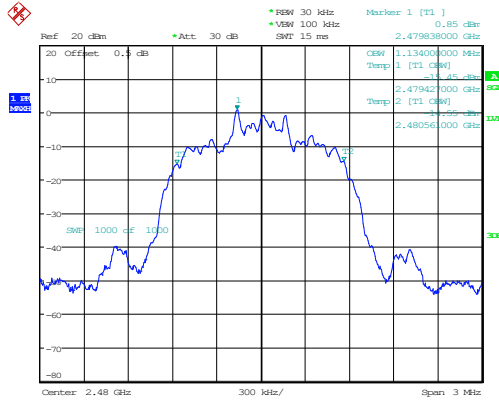
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:11:55

2DH1_Middle 1.134MHz



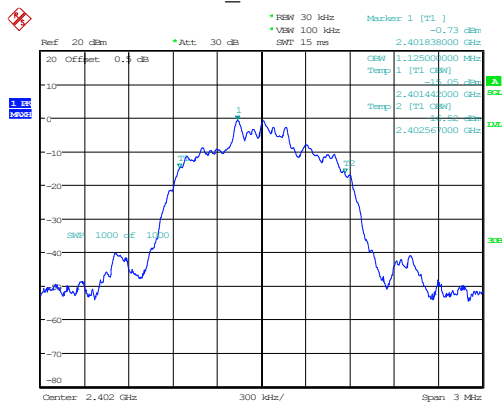
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:14:44

2DH1_High 1.134MHz



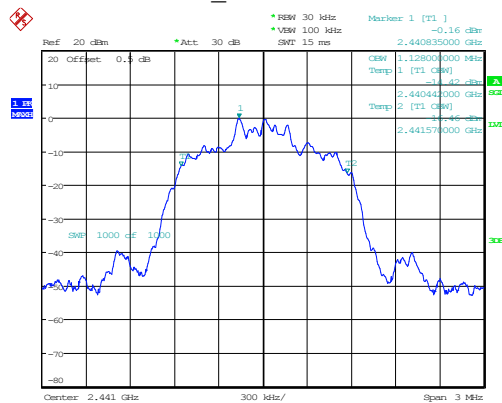
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:22:28

3DH1_Low 1.125MHz



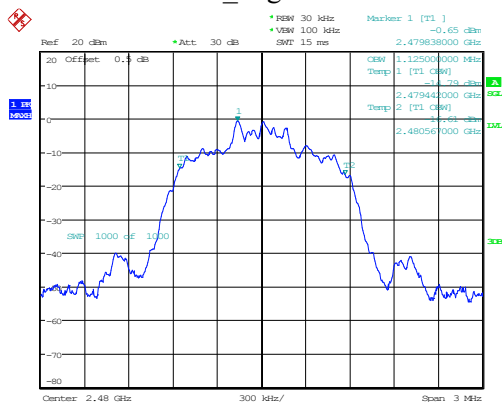
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:35:58

3DH1_Middle 1.128MHz



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:40:35

3DH1_High 1.125MHz

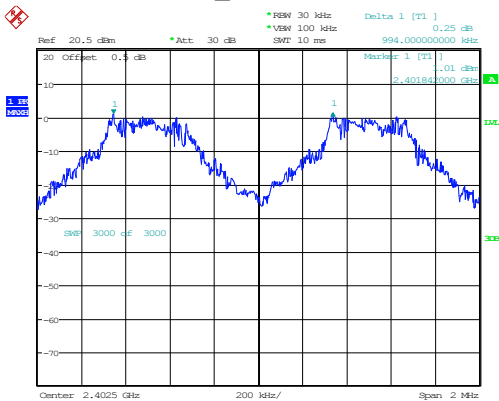


ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:48:10

Channel Separation

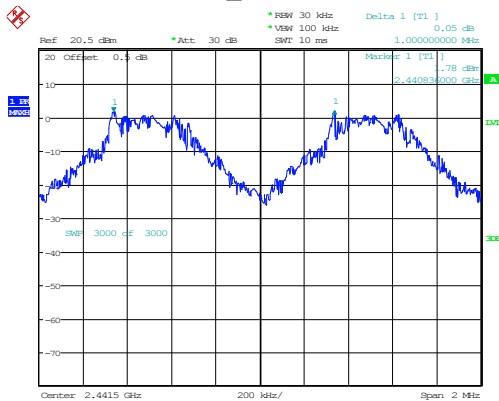
Mode	Channel	Result (MHz)	Limit (MHz)	Verdict
DH1	Low	0.994	0.522	Pass
	Middle	1	0.522	Pass
	High	0.994	0.520	Pass
2DH1	Low	1	0.810	Pass
	Middle	1	0.810	Pass
	High	1.005	0.810	Pass
3DH1	Low	0.995	0.816	Pass
	Middle	1.005	0.814	Pass
	High	1	0.816	Pass

DH1_Low 0.994MHz



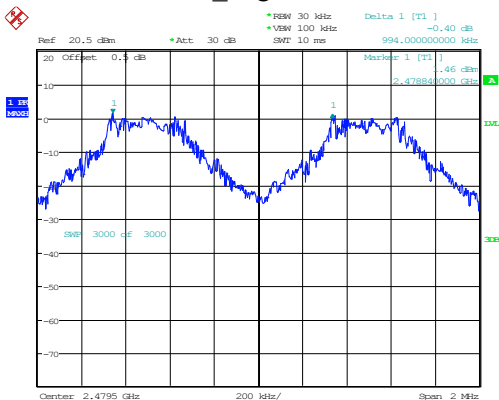
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 14:06:45

DH1_Middle 1MHz



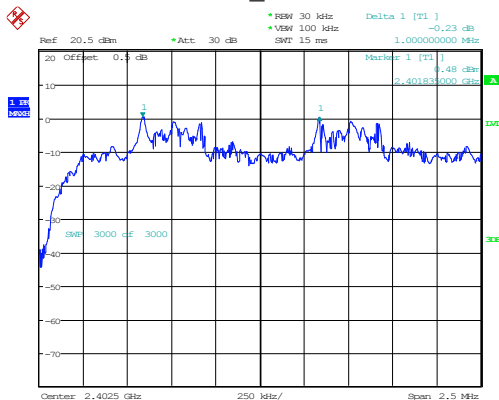
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 14:11:21

DH1_High 0.994MHz



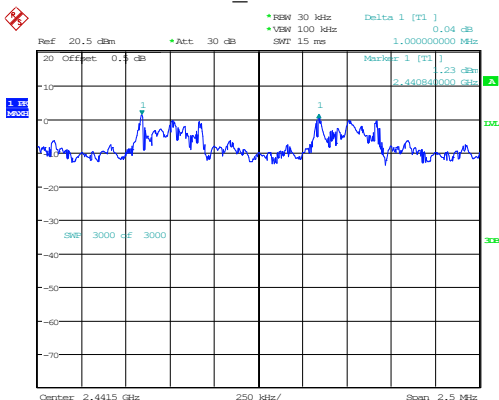
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 14:16:12

2DH1_Low 1MHz



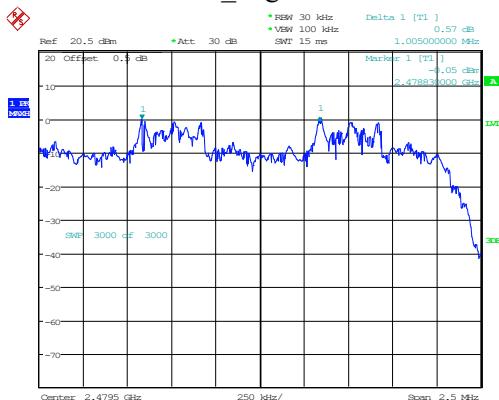
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 14:40:42

2DH1_Middle 1MHz



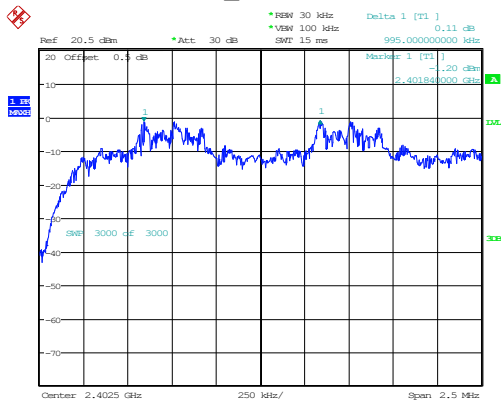
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 14:50:46

2DH1_High 1.005MHz



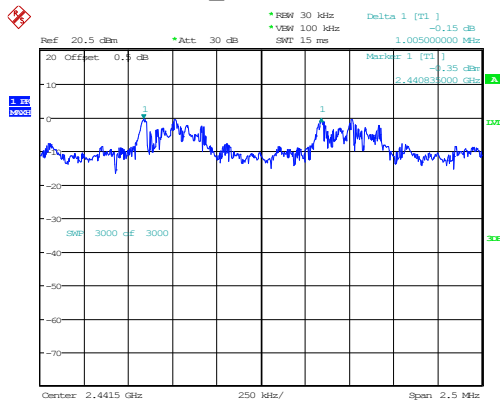
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 15:02:14

3DH1_Low 0.995MHz



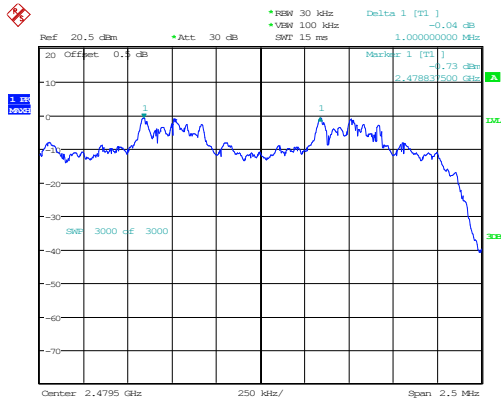
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 15:12:29

3DH1_Middle 1.005MHz



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 15:18:53

3DH1_High 1MHz

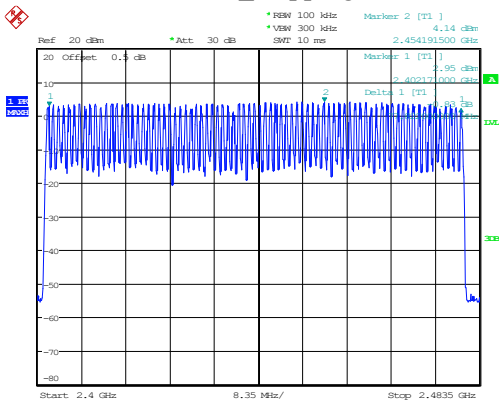


ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 15:38:16

Number of Hopping Frequency

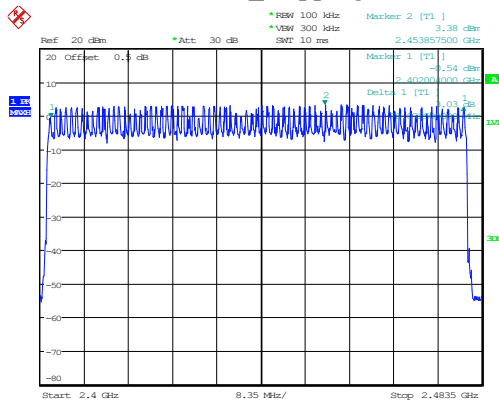
Mode	Channel	Result	Limit	Verdict
DH1	Hopping	79	15	Pass
2DH1	Hopping	79	15	Pass
3DH1	Hopping	79	15	Pass

DH1_Hopping 79



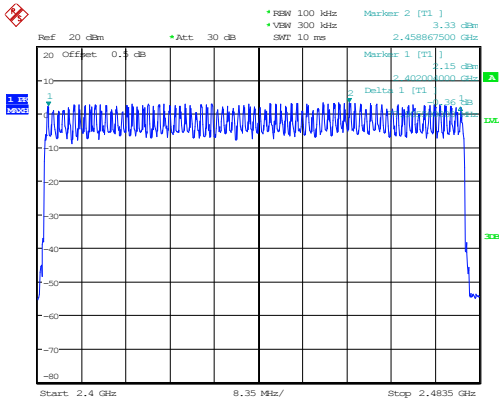
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 14:19:08

2DH1_Hopping 79



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 15:06:24

3DH1_Hopping 79

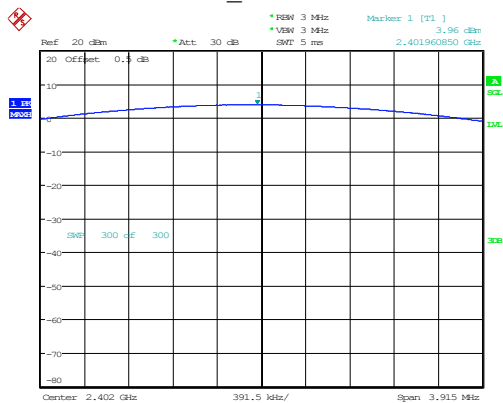


ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 15:44:53

Maximum Conducted Output Power

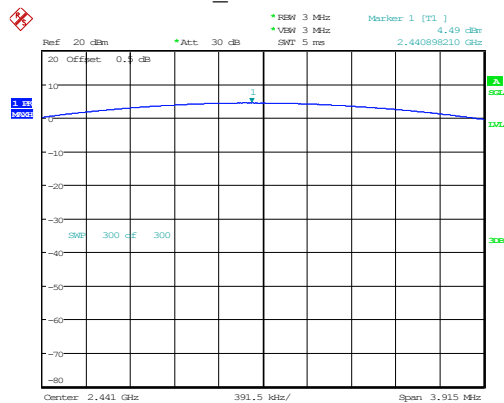
Mode	Channel	Result (dBm)	Limit (dBm)	Verdict
DH1	Low	3.96	21.00	Pass
	Middle	4.49	21.00	Pass
	High	3.96	21.00	Pass
2DH1	Low	3.14	21.00	Pass
	Middle	3.68	21.00	Pass
	High	3.19	21.00	Pass
3DH1	Low	2.98	21.00	Pass
	Middle	3.53	21.00	Pass
	High	3.05	21.00	Pass

DH1_Low 3.96dBm



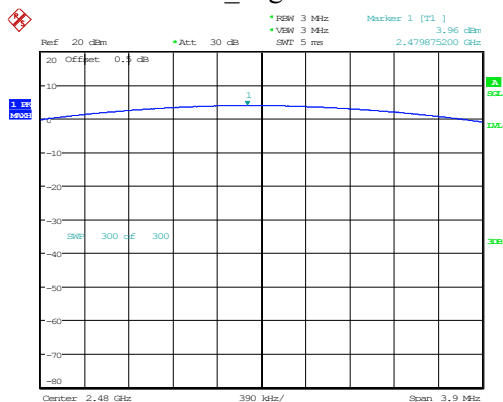
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 11:24:50

DH1_Middle 4.49dBm



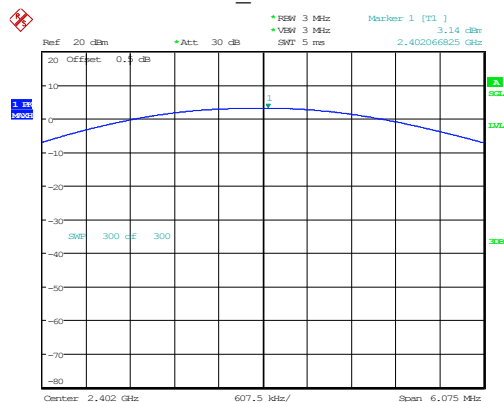
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 11:56:28

DH1_High 3.96dBm



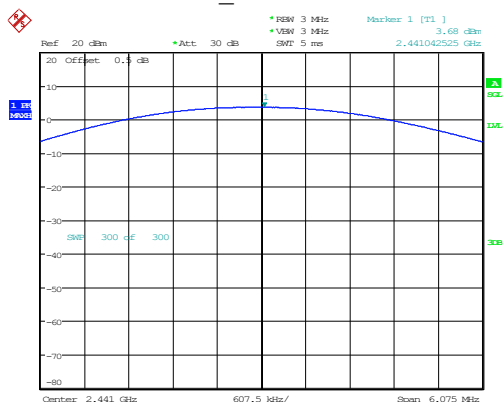
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:00:21

2DH1_Low 3.14dBm



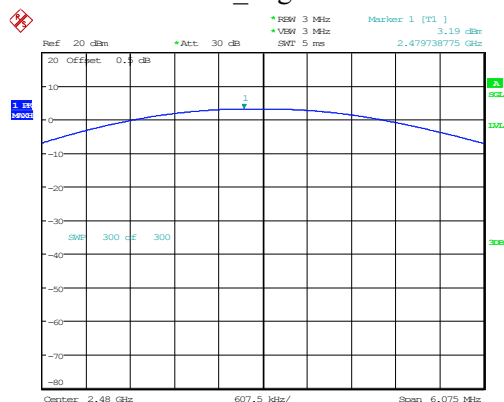
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:12:17

2DH1_Middle 3.68dBm



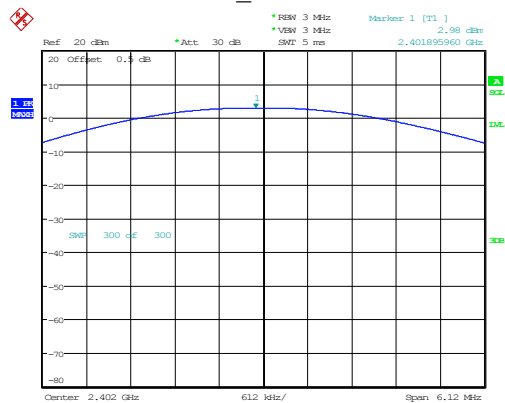
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:16:36

2DH1_High 3.19dBm



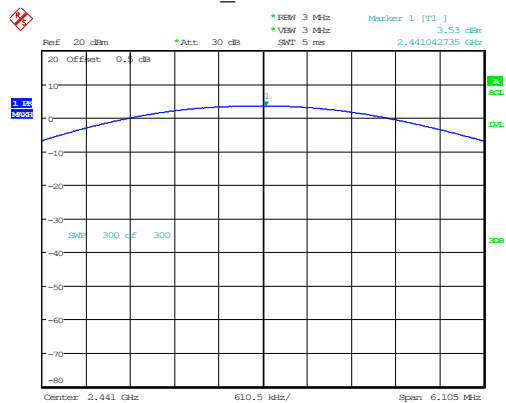
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:24:36

3DH1_Low 2.98dBm



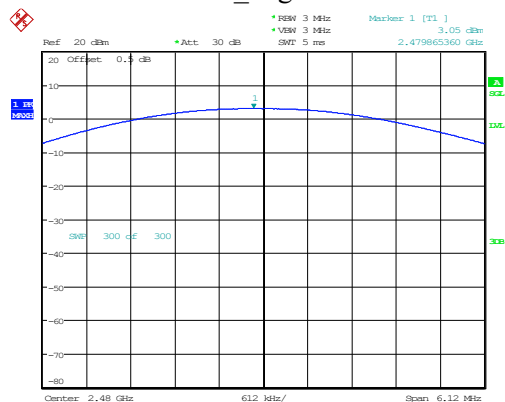
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:38:02

3DH1_Middle 3.53dBm



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:42:24

3DH1_High 3.05dBm

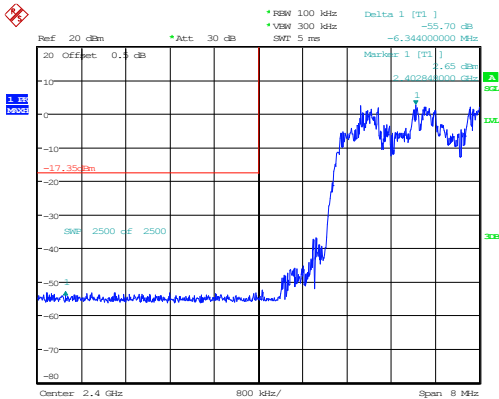


ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:48:33

100 kHz Bandwidth of Frequency Band Edge

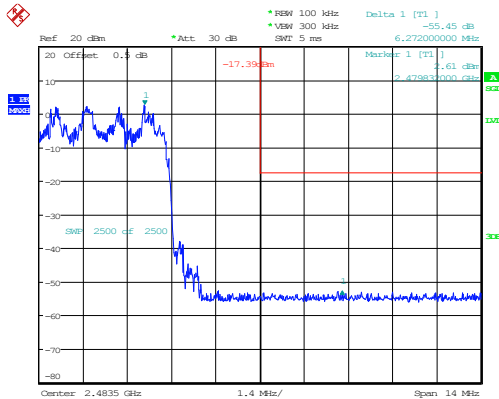
Mode	Channel	Result (dB)	Limit (dB)	Verdict
DH1	Low	56.03	20.00	Pass
	High	55.21	20.00	Pass
	Hopping_Lower	55.85	20.00	Pass
	Hopping_Upper	55.83	20.00	Pass
2DH1	Low	55.08	20.00	Pass
	High	55.30	20.00	Pass
	Hopping_Lower	55.70	20.00	Pass
	Hopping_Upper	55.45	20.00	Pass
3DH1	Low	55.48	20.00	Pass
	High	55.44	20.00	Pass
	Hopping_Lower	54.93	20.00	Pass
	Hopping_Upper	54.78	20.00	Pass

2DH1_Hopping_Lower 55.70dB



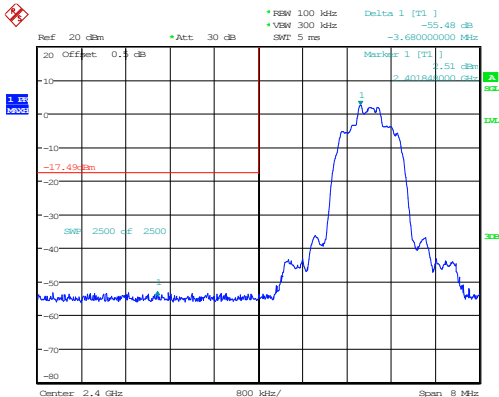
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:27:02

2DH1_Hopping_Upper 55.45dB



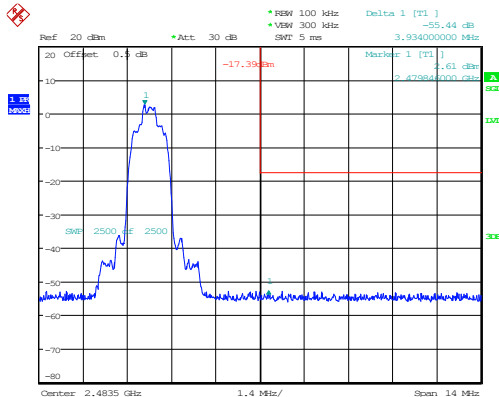
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:30:26

3DH1_Low 55.48dB



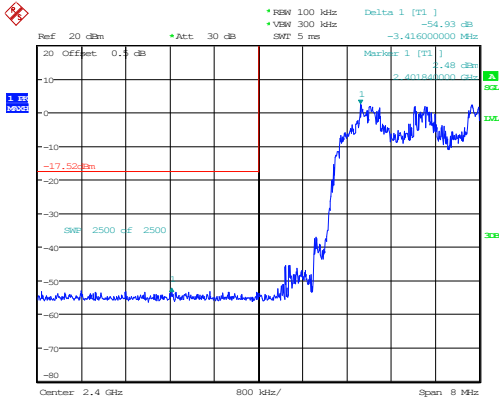
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:34:07

3DH1_High 55.44dB



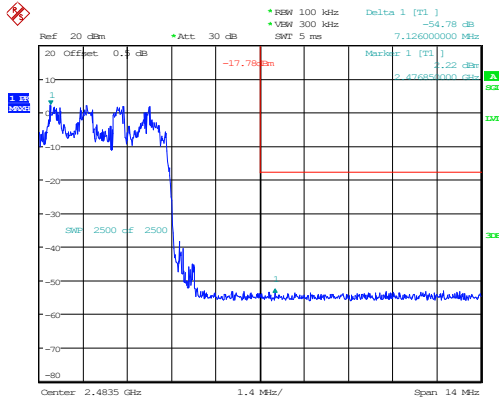
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:46:25

3DH1_Hopping_Lower 54.93dB



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:51:02

3DH1_Hopping_Upper 54.78dB



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 13:54:31

Time of Occupancy (dwell time)

Mode	Channel	Pulse width (ms)	Dwell time (s)	Limit (s)	Verdict
DH1	Hopping	0.388	0.124	0.400	Pass
DH3	Hopping	1.653	0.264	0.400	Pass
DH5	Hopping	2.920	0.311	0.400	Pass
2DH1	Hopping	0.389	0.124	0.400	Pass
2DH3	Hopping	1.659	0.265	0.400	Pass
2DH5	Hopping	2.925	0.312	0.400	Pass
3DH1	Hopping	0.397	0.127	0.400	Pass
3DH3	Hopping	1.656	0.265	0.400	Pass
3DH5	Hopping	2.925	0.312	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

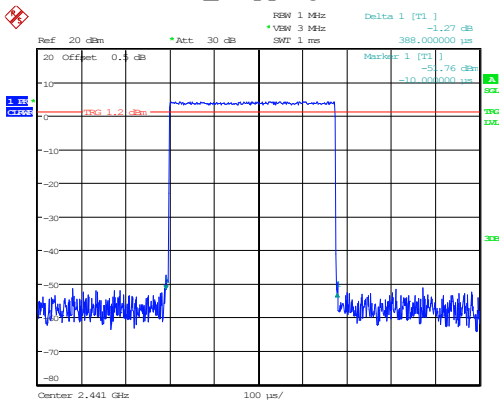
2DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

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

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

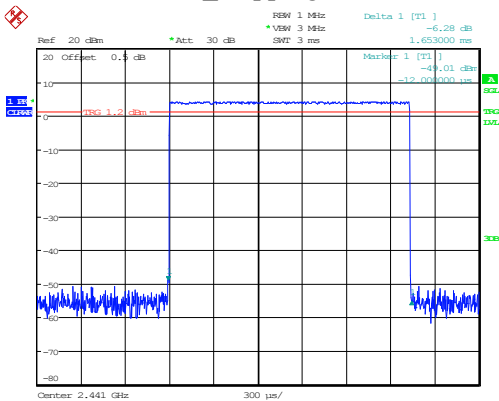
3DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

DH1_Hopping 0.388ms



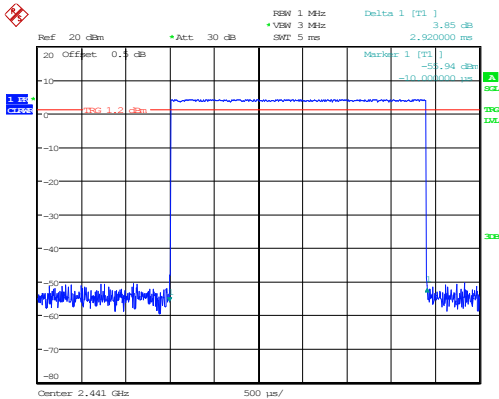
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 15:45:56

DH3_Hopping 1.653ms



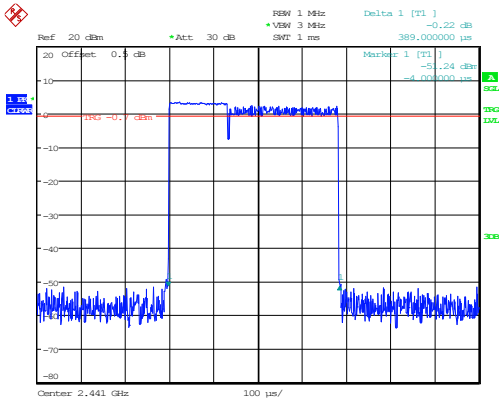
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 15:46:36

DH5_Hopping 2.920ms



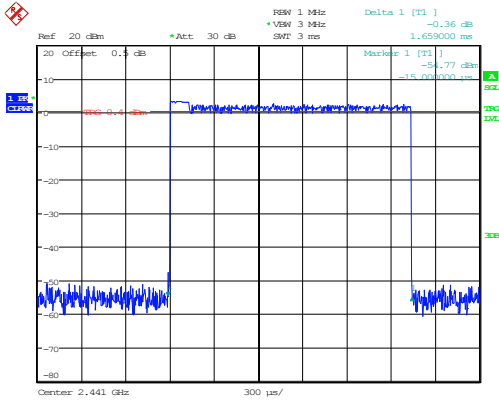
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 15:47:17

2DH1_Hopping 0.389ms



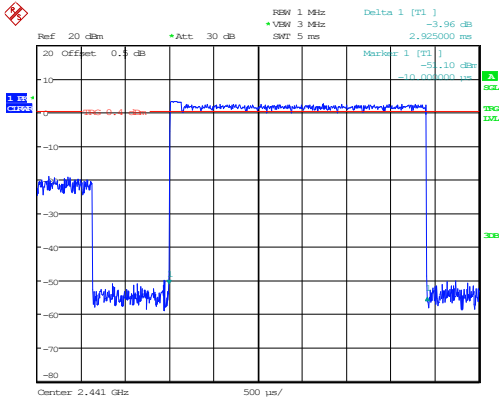
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 15:47:52

2DH3_Hopping 1.659ms



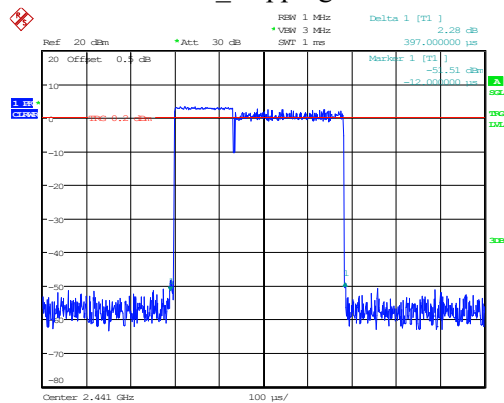
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 15:49:18

2DH5_Hopping 2.925ms



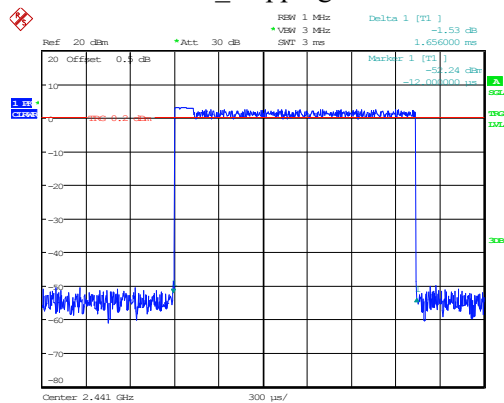
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 15:49:59

3DH1_Hopping 0.397ms



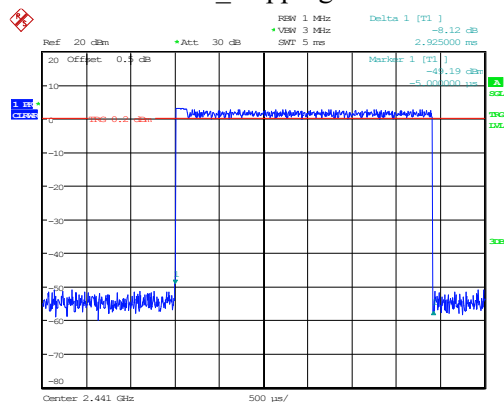
ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 15:50:34

3DH3_Hopping 1.656ms



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 15:51:06

3DH5_Hopping 2.925ms



ProjectNo.:2403Y36748E-RF Tester:Leo Li
Date: 1.NOV.2024 15:51:49