

Test Information:

Sample No.:	2TA4-2	Test Date:	2024/10/24~2024/11/21
Test Site:	RF	Test Mode:	Transmitting
Tester:	Chin Qin	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	26.4	Relative Humidity: (%)	53	ATM Pressure: (kPa)	100.7-101.3
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Test Equipment List and Details:

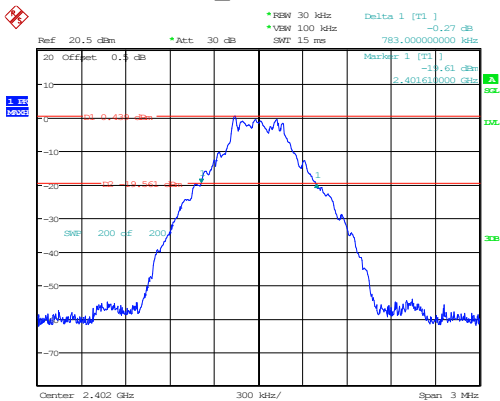
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	200256	2024/04/01	2025/03/31
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A

* 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

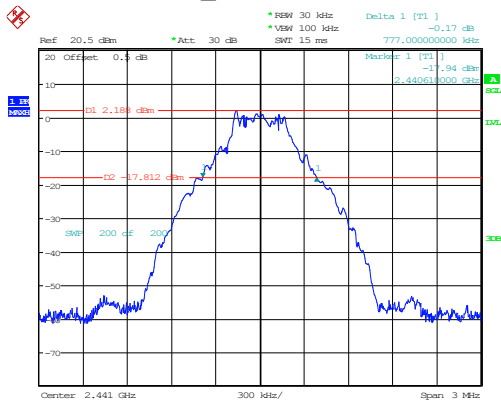
Mode	Channel	Result (MHz)	Verdict
DH1	Low	0.783	Pass
	Middle	0.777	Pass
	High	0.780	Pass
2DH1	Low	1.212	Pass
	Middle	1.212	Pass
	High	1.212	Pass
3DH1	Low	1.218	Pass
	Middle	1.224	Pass
	High	1.224	Pass

DH1_Low 0.783MHz



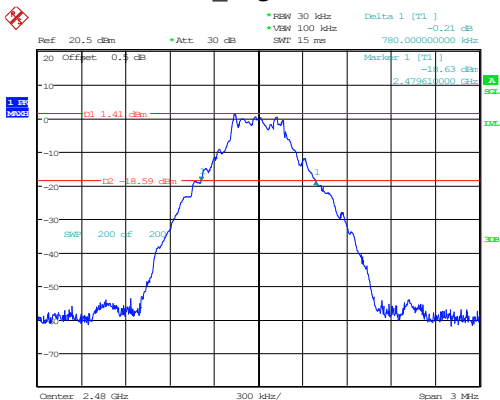
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:07:41

DH1_Middle 0.777MHz



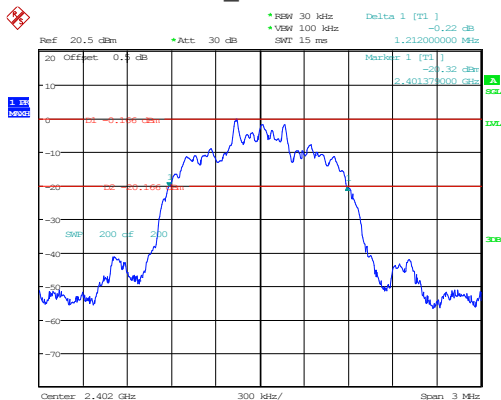
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:11:14

DH1_High 0.780MHz



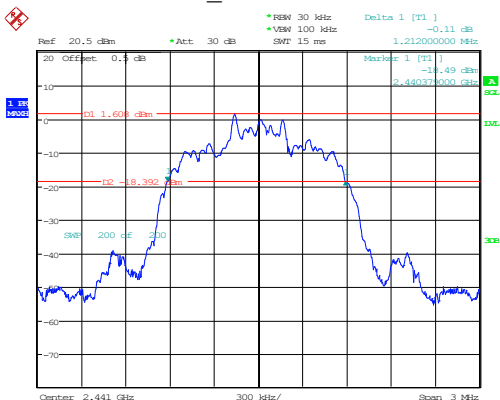
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:14:10

2DH1_Low 1.212MHz



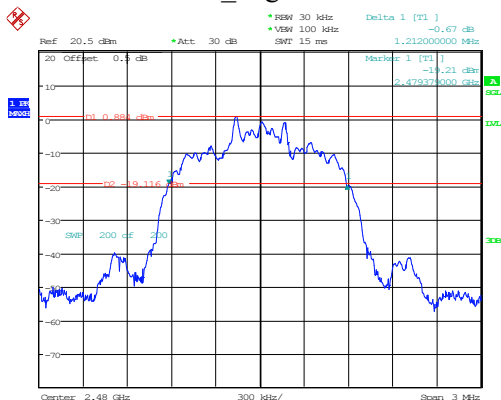
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:18:49

2DH1_Middle 1.212MHz



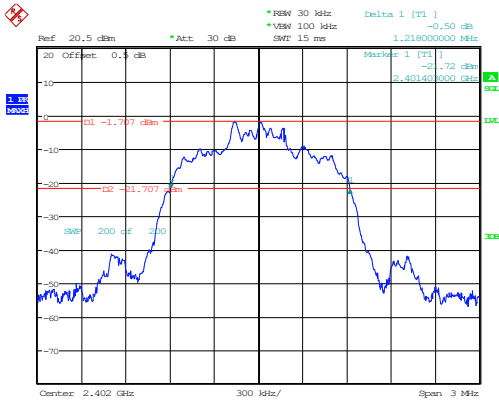
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:21:51

2DH1_High 1.212MHz



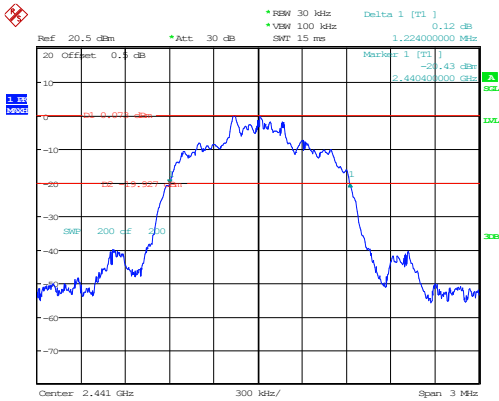
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:24:17

3DH1_Low 1.218MHz



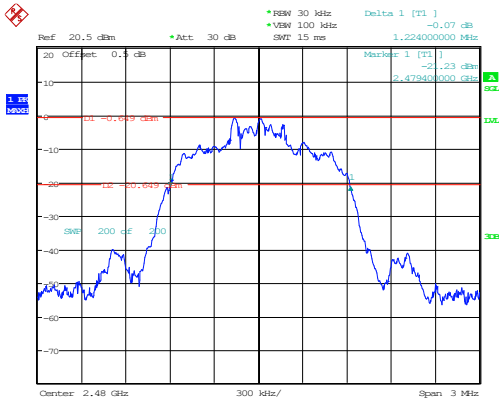
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:28:58

3DH1_Middle 1.224MHz



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:32:14

3DH1_High 1.224MHz

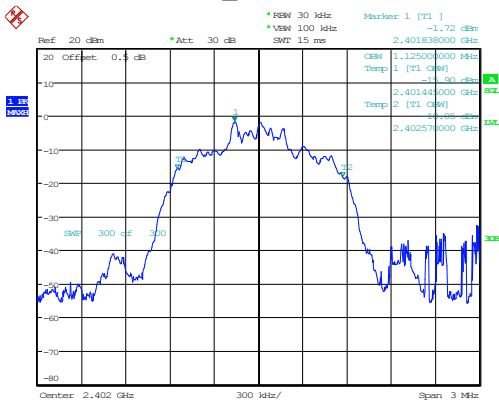


ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:34:57

99% Occupied Bandwidth

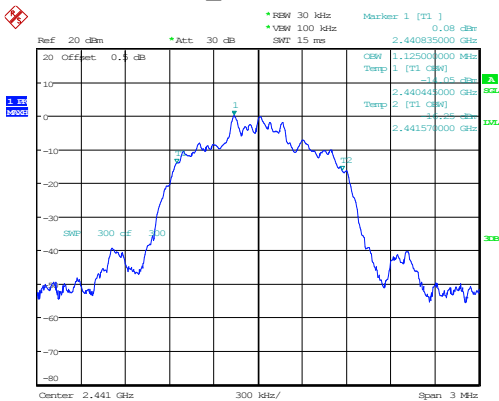
Mode	Channel	99% OBW (MHz)
DH1	Low	0.726
	Middle	0.723
	High	0.726
2DH1	Low	1.134
	Middle	1.134
	High	1.134
3DH1	Low	1.125
	Middle	1.125
	High	1.125

3DH1_Low 1.125MHz



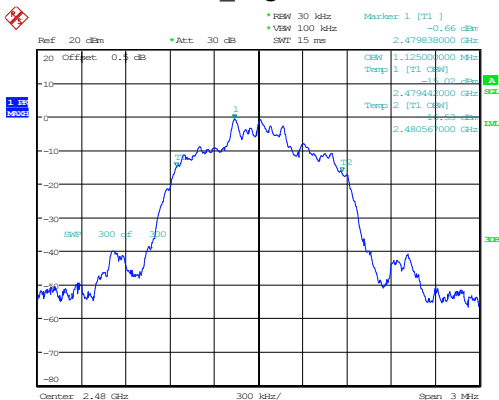
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:30:07

3DH1_Middle 1.125MHz



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:41:39

3DH1_High 1.125MHz

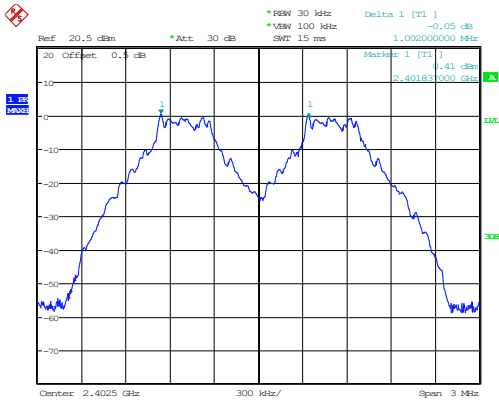


ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:36:12

Channel Separation

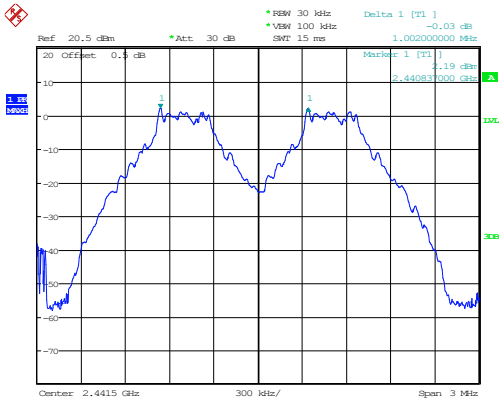
Mode	Channel	Result (MHz)	Limit (MHz)	Verdict
DH1	Low	1.002	0.522	Pass
	Middle	1.002	0.518	Pass
	High	1.002	0.520	Pass
2DH1	Low	1.002	0.808	Pass
	Middle	0.999	0.808	Pass
	High	1.005	0.808	Pass
3DH1	Low	1.002	0.812	Pass
	Middle	0.999	0.816	Pass
	High	1.002	0.816	Pass

DH1_Low 1.002MHz



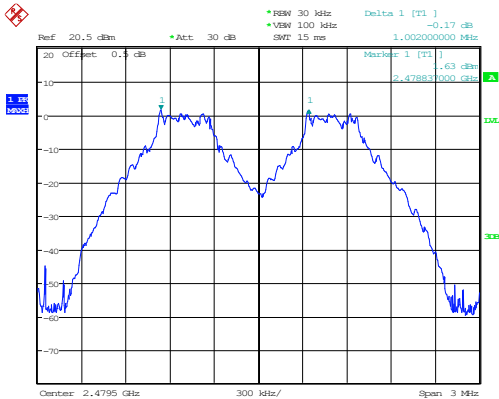
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:10:32

DH1_Middle 1.002MHz



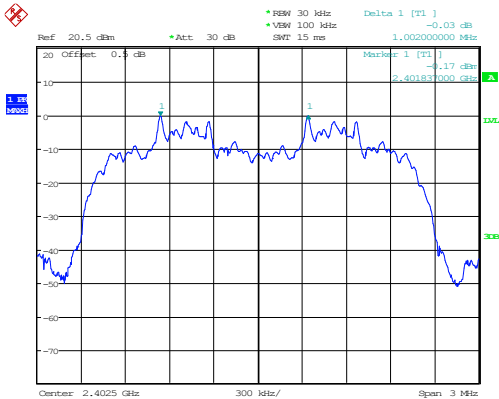
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:13:36

DH1_High 1.002MHz



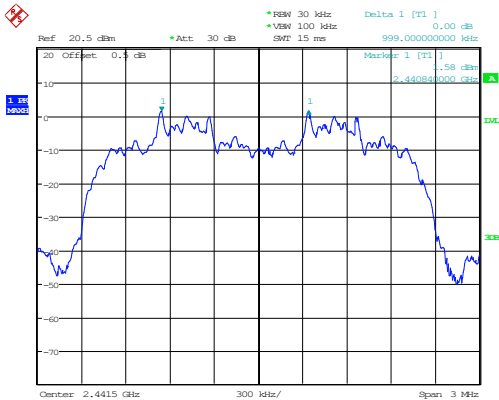
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:16:40

2DH1_Low 1.002MHz



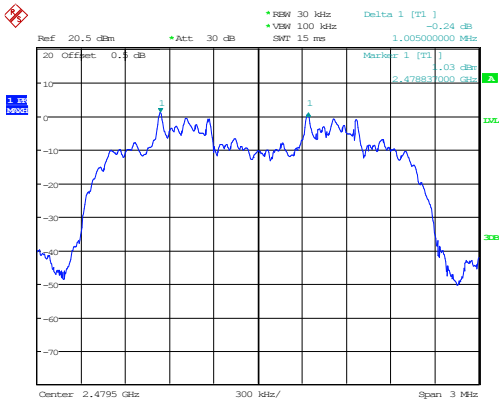
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:21:15

2DH1_Middle 0.999MHz



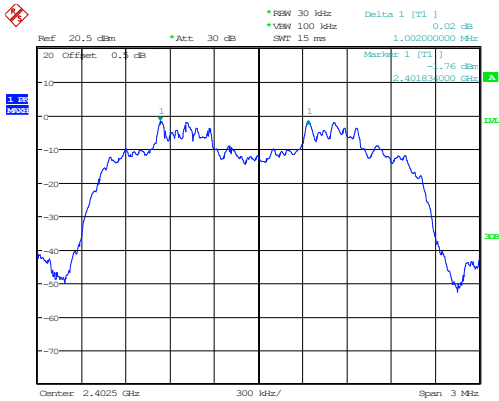
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:48:45

2DH1_High 1.005MHz



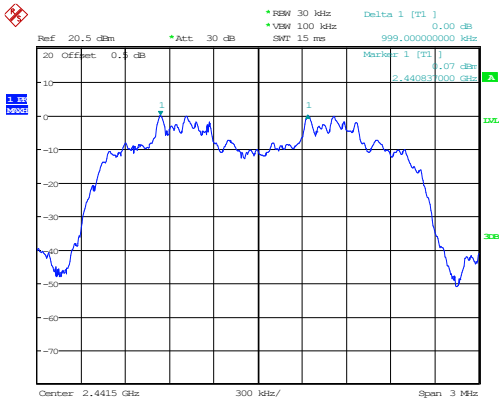
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:26:58

3DH1_Low 1.002MHz



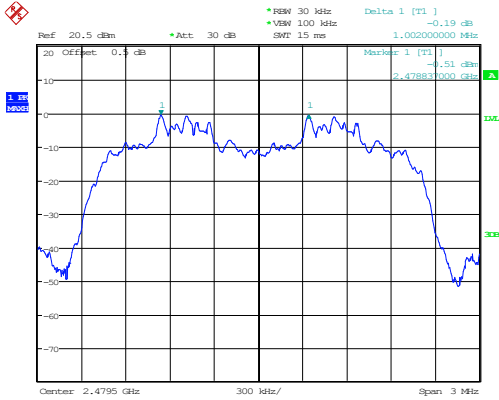
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:31:25

3DH1_Middle 0.999MHz



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:34:10

3DH1_High 1.002MHz

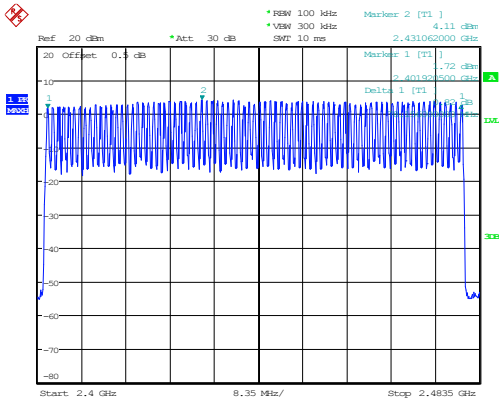


ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:38:15

Number of Hopping Frequency

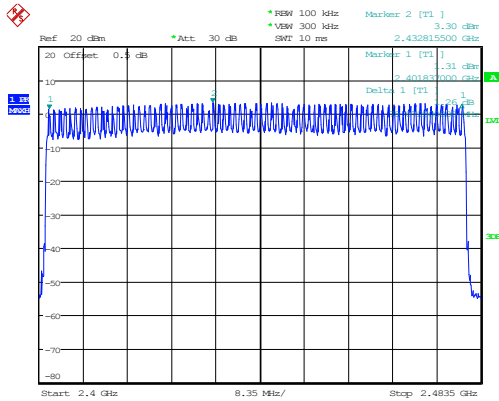
Mode	Channel	Result	Limit	Verdict
DH1	Hopping	79	15	Pass
2DH1	Hopping	79	15	Pass
3DH1	Hopping	79	15	Pass

DH1_Hopping 79



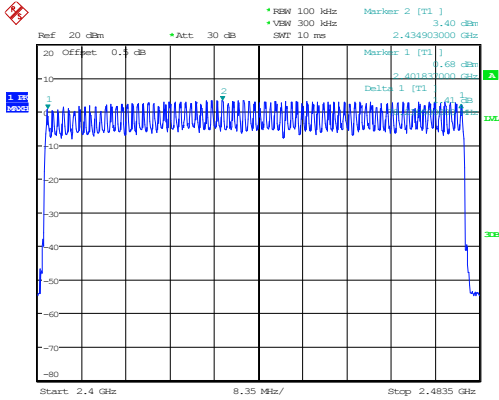
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 21.NOV.2024 18:55:19

2DH1_Hopping 79



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 21.NOV.2024 19:04:34

3DH1_Hopping 79

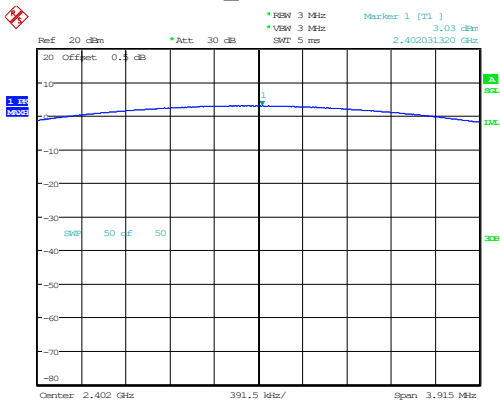


ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 21.NOV.2024 19:15:44

Maximum Conducted Output Power

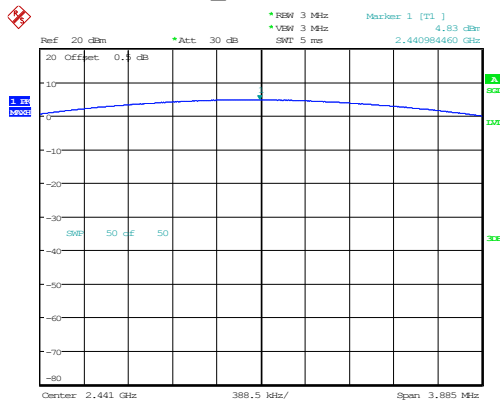
Mode	Channel	Result (dBm)	Limit (dBm)	Verdict
DH1	Low	3.03	21.00	Pass
	Middle	4.83	21.00	Pass
	High	4.10	21.00	Pass
2DH1	Low	2.21	21.00	Pass
	Middle	3.98	21.00	Pass
	High	3.23	21.00	Pass
3DH1	Low	2.04	21.00	Pass
	Middle	3.81	21.00	Pass
	High	3.06	21.00	Pass

DH1_Low 3.03dBm



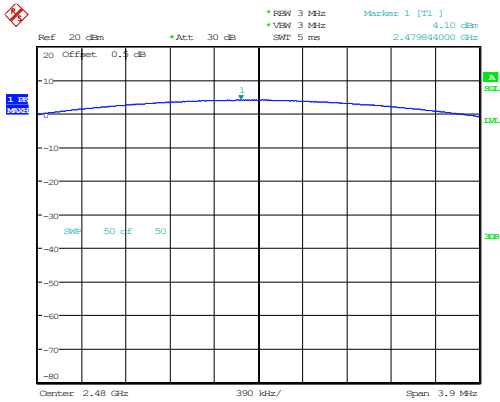
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:51:13

DH1_Middle 4.83dBm



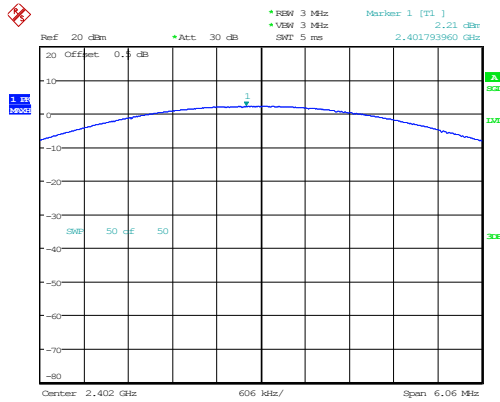
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:51:33

DH1_High 4.10dBm



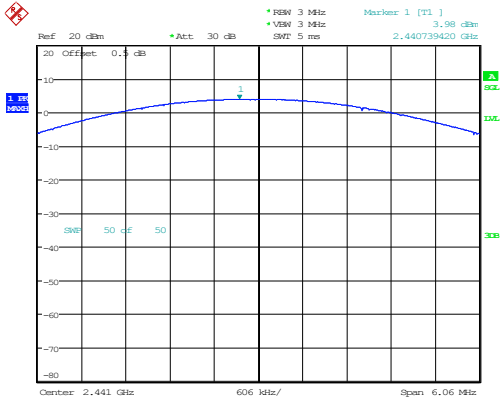
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:51:54

2DH1_Low 2.21dBm



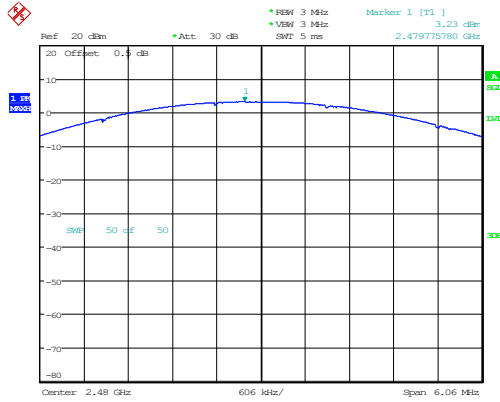
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:52:21

2DH1_Middle 3.98dBm



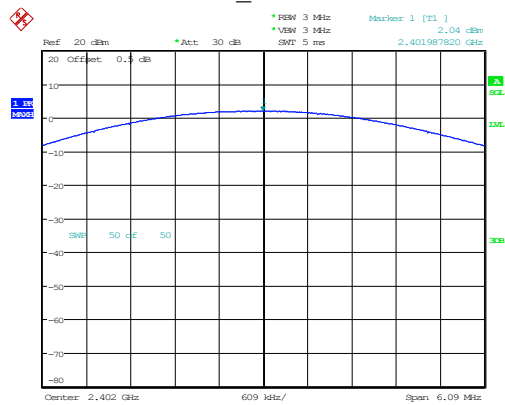
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:52:42

2DH1_High 3.23dBm



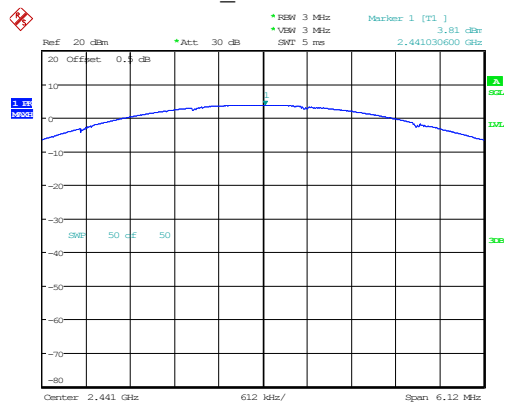
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:53:03

3DH1_Low 2.04dBm



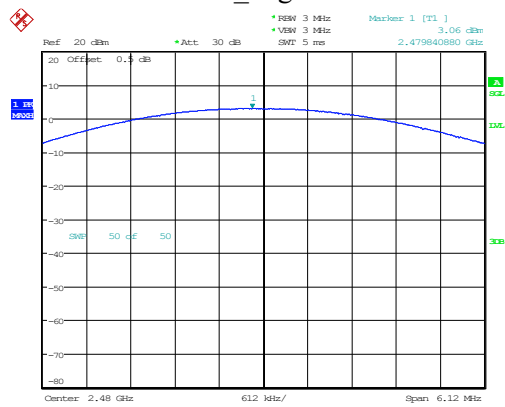
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:53:31

3DH1_Middle 3.81dBm



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:53:51

3DH1_High 3.06dBm

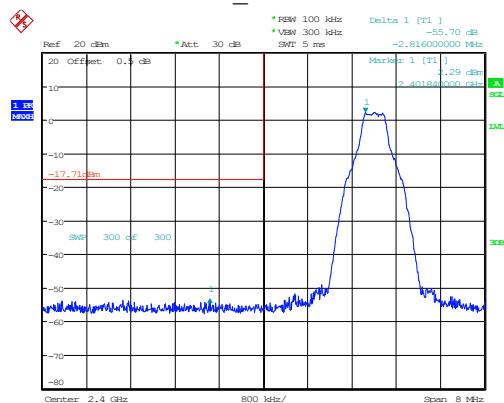


ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:54:13

100 kHz Bandwidth of Frequency Band Edge

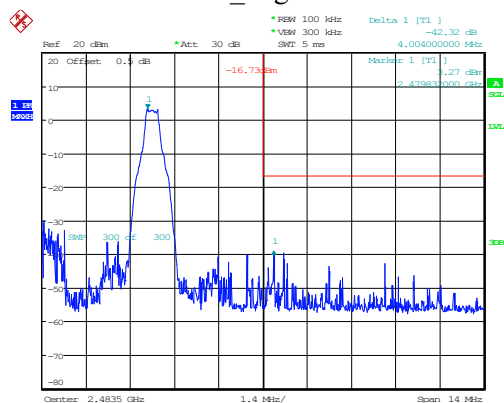
Mode	Channel	Result (dB)	Limit (dB)	Verdict
DH1	Low	55.70	20.00	Pass
	High	42.32	20.00	Pass
	Hopping_Lower	44.44	20.00	Pass
	Hopping_Upper	44.14	20.00	Pass
2DH1	Low	54.56	20.00	Pass
	High	55.57	20.00	Pass
	Hopping_Lower	40.91	20.00	Pass
	Hopping_Upper	44.49	20.00	Pass
3DH1	Low	55.30	20.00	Pass
	High	56.24	20.00	Pass
	Hopping_Lower	54.08	20.00	Pass
	Hopping_Upper	55.78	20.00	Pass

DH1_Low 55.70dB



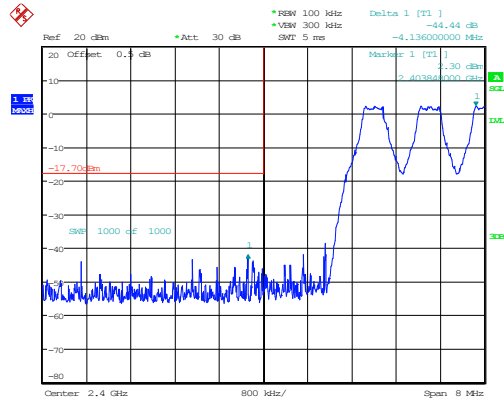
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:08:10

DH1_High 42.32dB



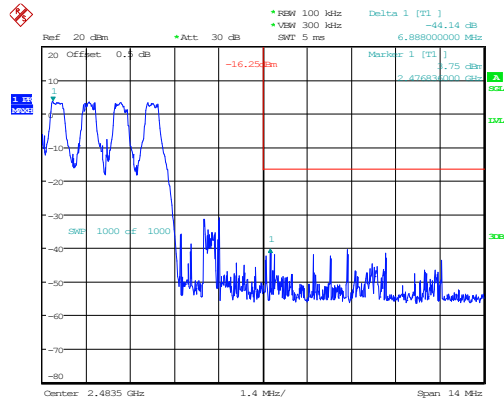
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:14:47

DH1_Hopping_Lower 44.44dB



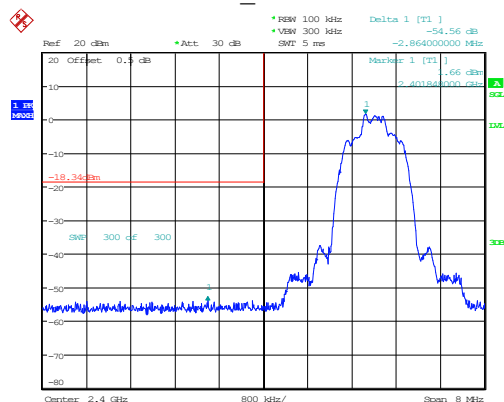
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 18:42:59

DH1_Hopping_Upper 44.14dB



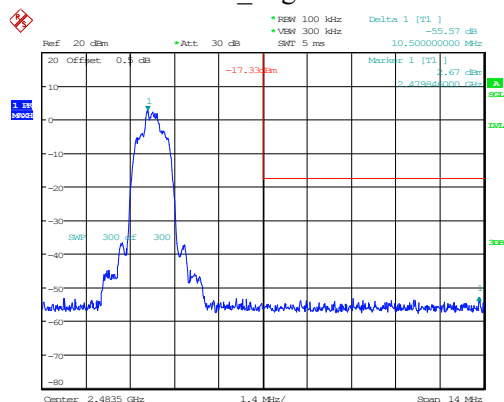
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 18:44:49

2DH1_Low 54.56dB



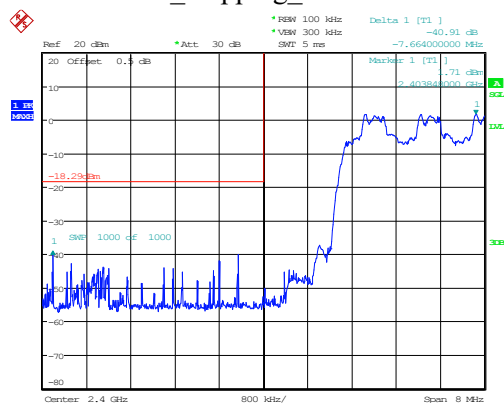
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:19:17

2DH1_High 55.57dB



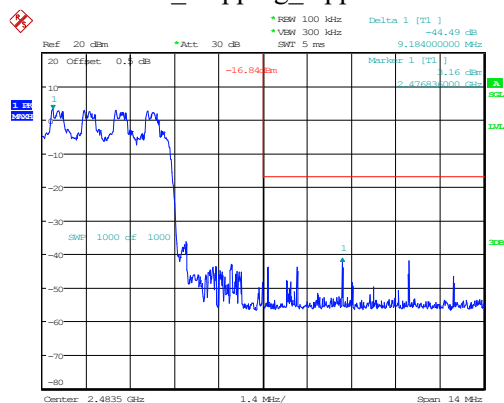
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:57:08

2DH1_Hopping_Lower 40.91dB



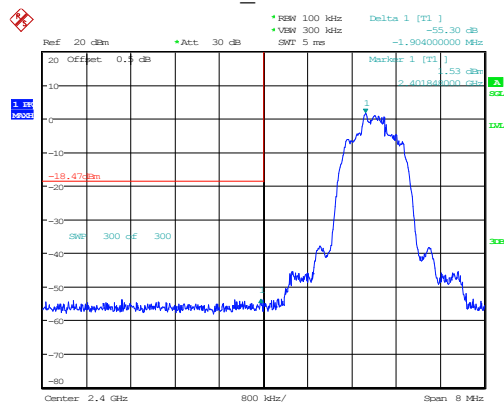
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 18:46:20

2DH1_Hopping_Upper 44.49dB



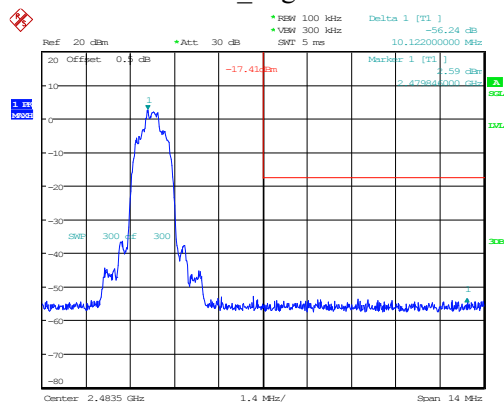
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 18:47:56

3DH1_Low 55.30dB



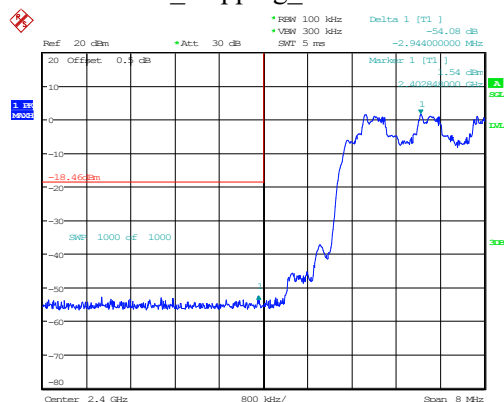
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:29:27

3DH1_High 56.24dB



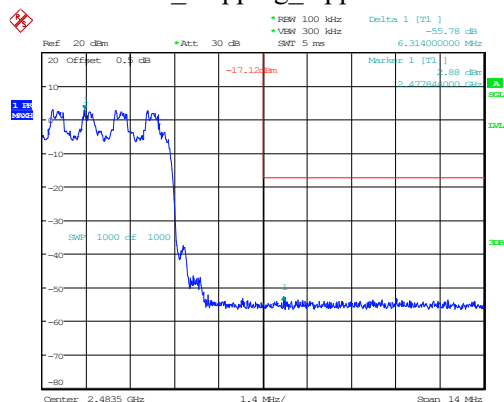
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 17:56:00

3DH1_Hopping_Lower 54.08dB



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 18:49:19

3DH1_Hopping_Upper 55.78dB



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 18:50:57

Time of Occupancy (dwell time)

Mode	Channel	Pulse width (ms)	Dwell time (s)	Limit (s)	Verdict
DH1	Hopping	0.394	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	1.659	0.265	0.400	Pass
2DH5	Hopping	2.930	0.313	0.400	Pass
3DH1	Hopping	0.401	0.128	0.400	Pass
3DH3	Hopping	1.659	0.265	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

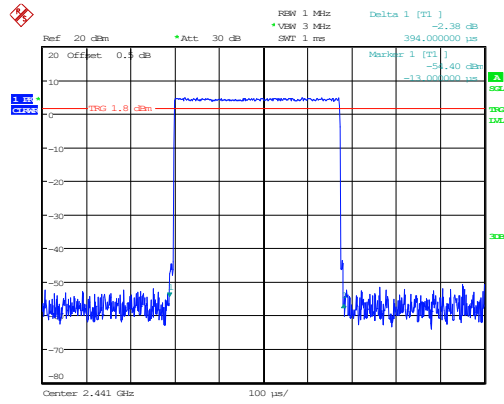
2DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

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

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

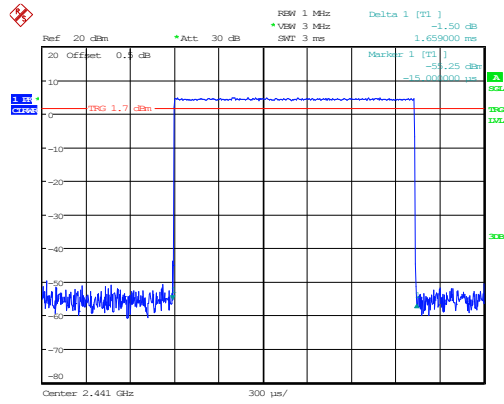
3DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

DH1_Hopping 0.394ms



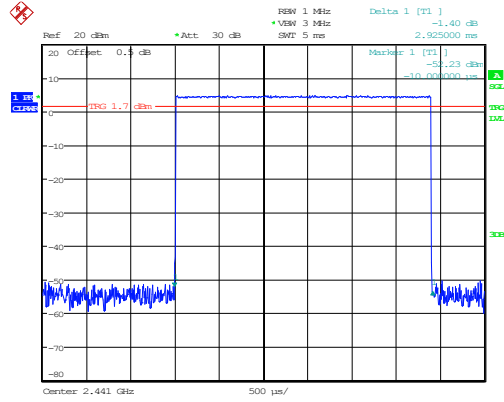
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 19:06:38

DH3_Hopping 1.659ms



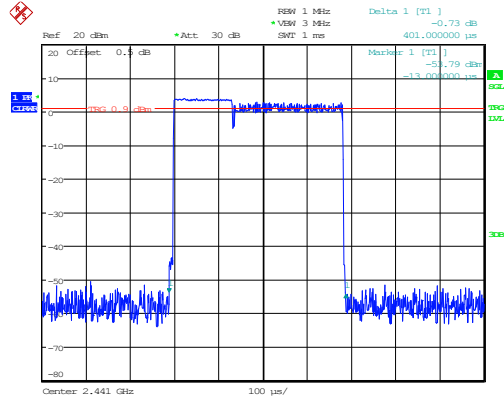
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 19:07:23

DH5_Hopping 2.925ms



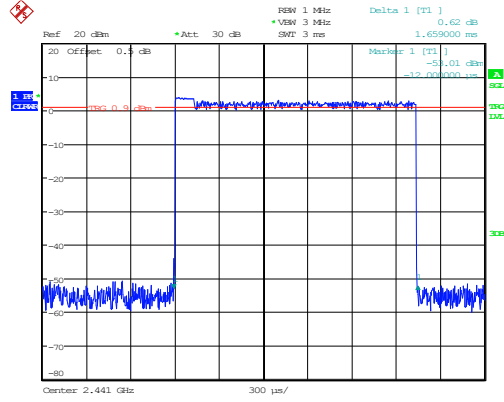
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 19:08:01

2DH1_Hopping 0.401ms



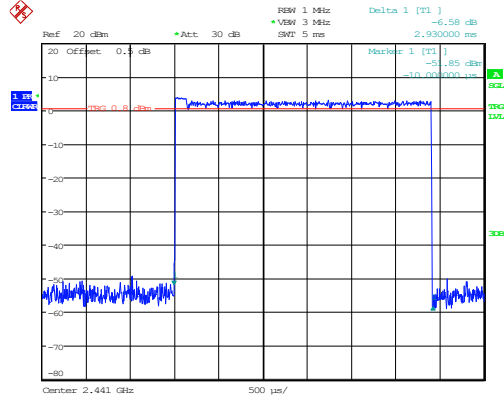
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 19:08:37

2DH3_Hopping 1.659ms



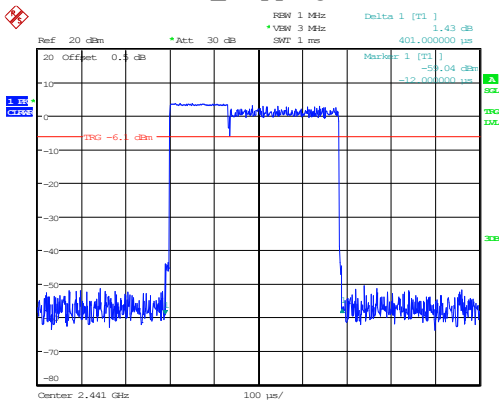
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 19:09:15

2DH5_Hopping 2.930ms



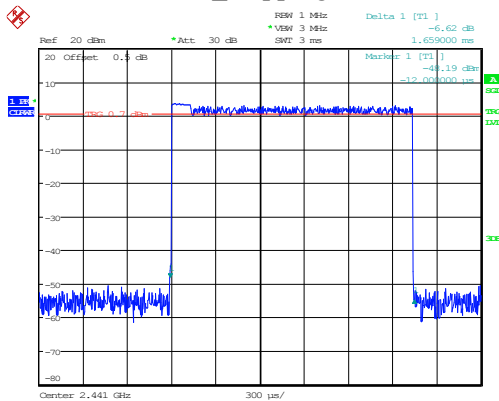
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 19:09:50

3DH1_Hopping 0.401ms



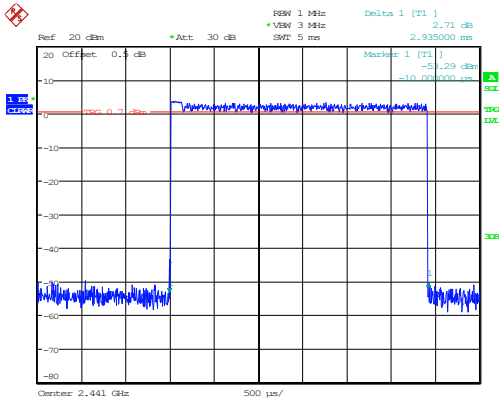
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 19:10:35

3DH3_Hopping 1.659ms



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 19:11:18

3DH5_Hopping 2.935ms



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 24.OCT.2024 19:11:56