

Test Information:

Sample No.:	2TA4-2	Test Date:	2024-10-23/2024-11/21
Test Site:	RF	Test Mode:	Transmitting
Tester:	Chin Qin	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	26.3-26.4	Relative Humidity: (%)	45-53	ATM Pressure: (kPa)	100.8-101.8
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Test Equipment List and Details:

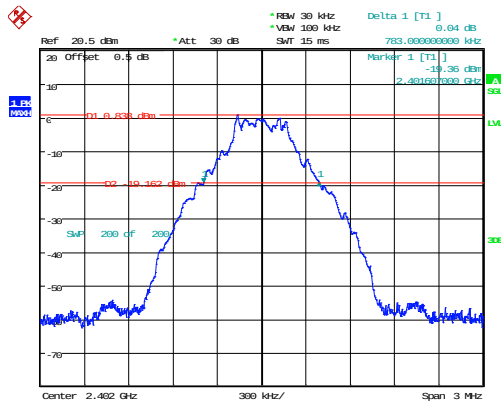
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
R&S	Spectrum Analyzer	FSU26	200256	2024/04/01	2025/03/31

* 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

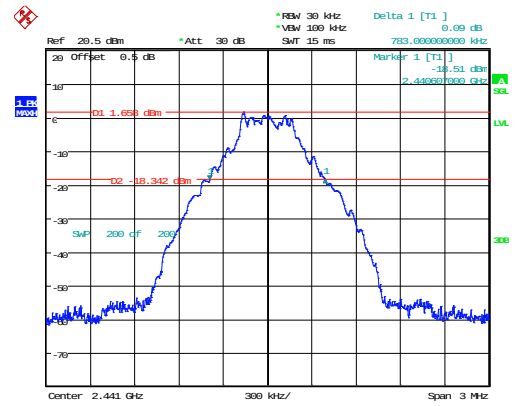
Mode	Channel	Result (MHz)	Verdict
DH1	Low	0.783	Pass
	Middle	0.783	Pass
	High	0.780	Pass
2DH1	Low	1.215	Pass
	Middle	1.215	Pass
	High	1.212	Pass
3DH1	Low	1.224	Pass
	Middle	1.224	Pass
	High	1.224	Pass

DH1_Low 0.783MHz



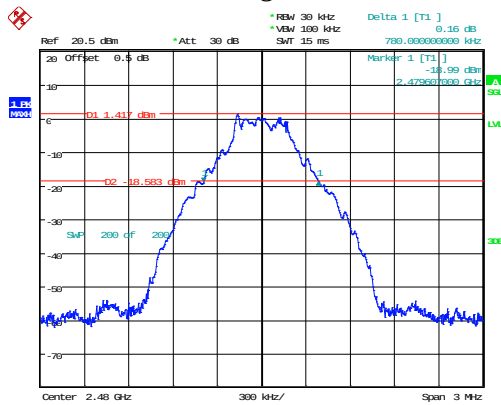
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:29:55

DH1_Middle 0.783MHz



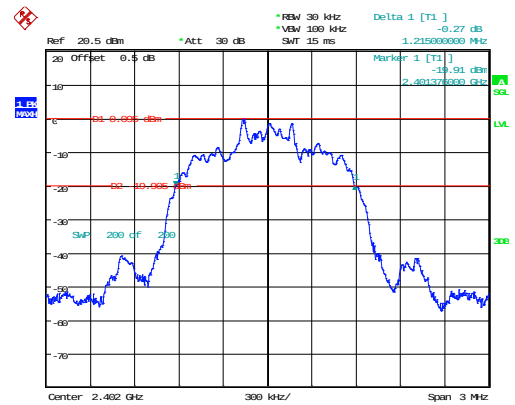
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:32:38

DH1_High 0.780MHz



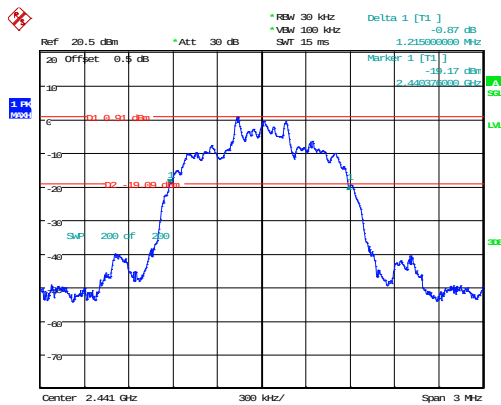
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:35:13

2DH1_Low 1.215MHz



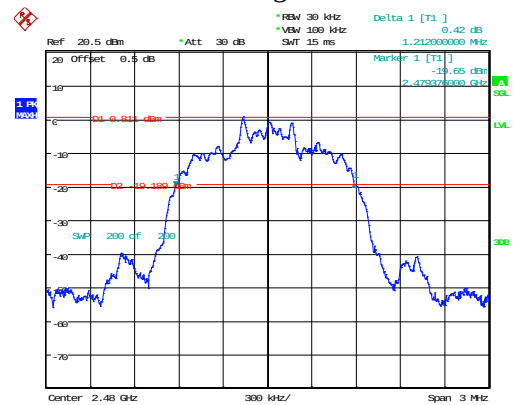
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:37:58

2DH1_Middle 1.215MHz



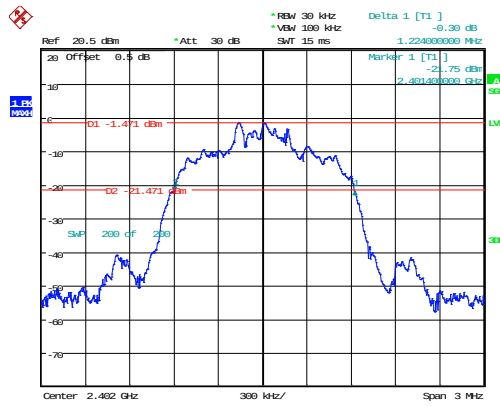
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:48:35

2DH1_High 1.212MHz



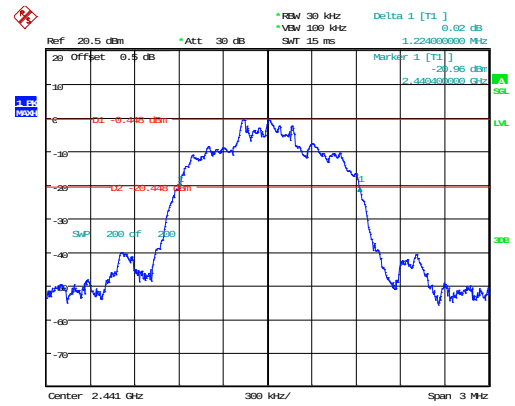
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:43:08

3DH1_Low 1.224MHz



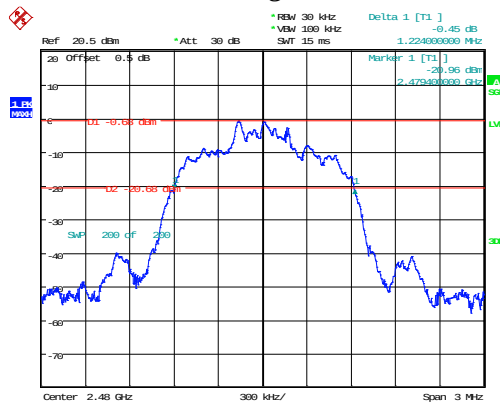
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:45:41

3DH1_Middle 1.224MHz



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:54:05

3DH1_High 1.224MHz

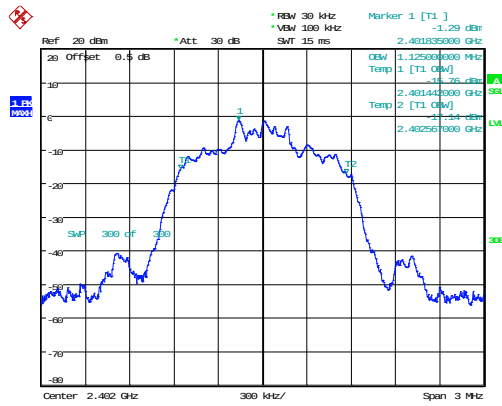


ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:55:27

99% Occupied Bandwidth

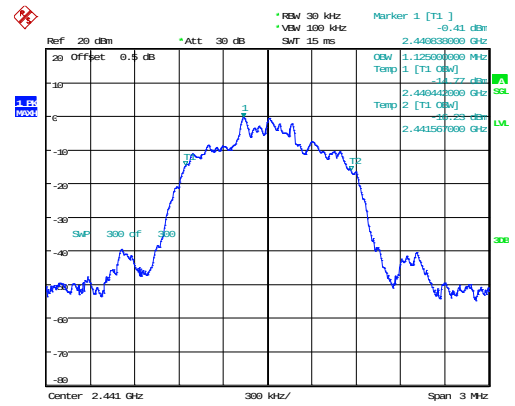
Mode	Channel	99% OBW (MHz)
DH1	Low	0.726
	Middle	0.726
	High	0.723
2DH1	Low	1.134
	Middle	1.134
	High	1.134
3DH1	Low	1.125
	Middle	1.125
	High	1.125

3DH1_Low 1.125MHz



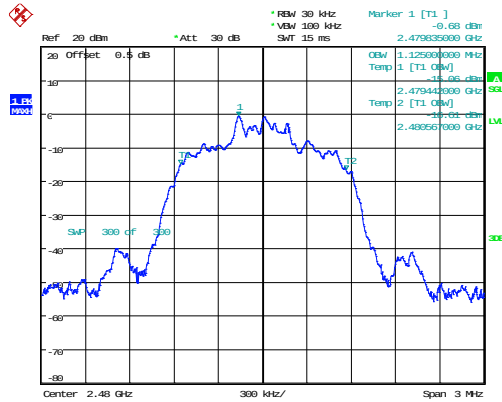
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:46:20

3DH1_Middle 1.125MHz



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:48:40

3DH1_High 1.125MHz

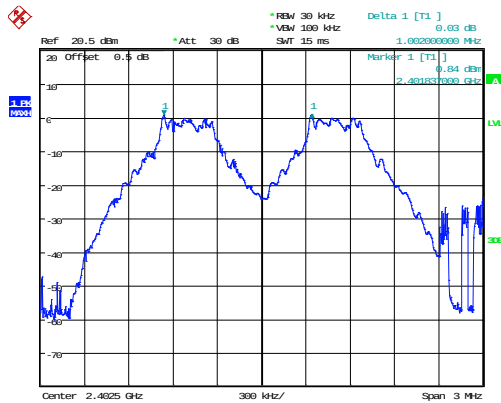


ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:51:19

Channel Separation

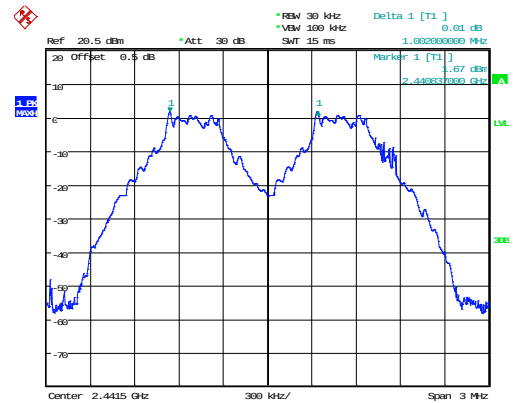
Mode	Channel	Result (MHz)	Limit (MHz)	Verdict
DH1	Low	1.002	0.522	Pass
	Middle	1.002	0.522	Pass
	High	1.002	0.520	Pass
2DH1	Low	1.002	0.810	Pass
	Middle	1.002	0.810	Pass
	High	1.002	0.808	Pass
3DH1	Low	0.999	0.816	Pass
	Middle	0.999	0.816	Pass
	High	1.005	0.816	Pass

DH1_Low 1.002MHz



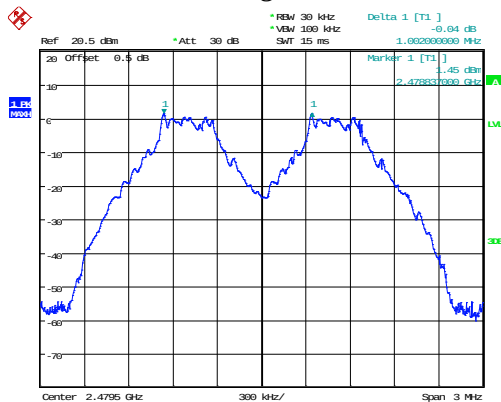
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:32:05

DH1_Middle 1.002MHz



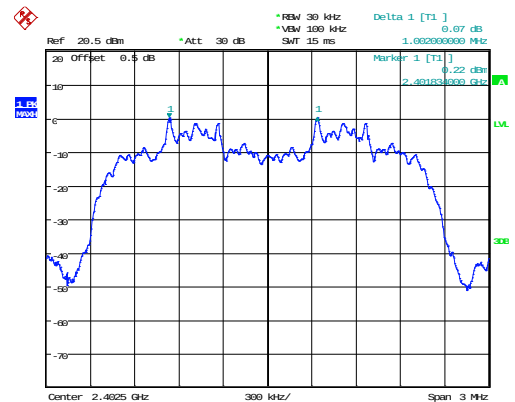
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:58:31

DH1_High 1.002MHz



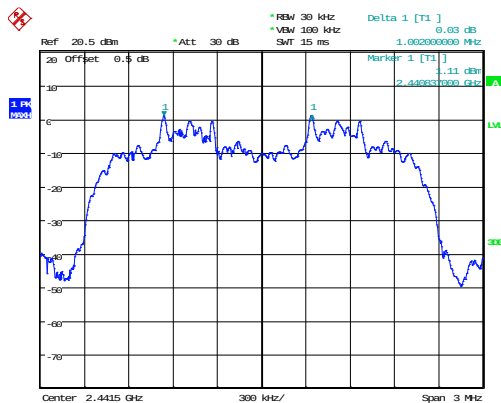
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:37:10

2DH1_Low 1.002MHz



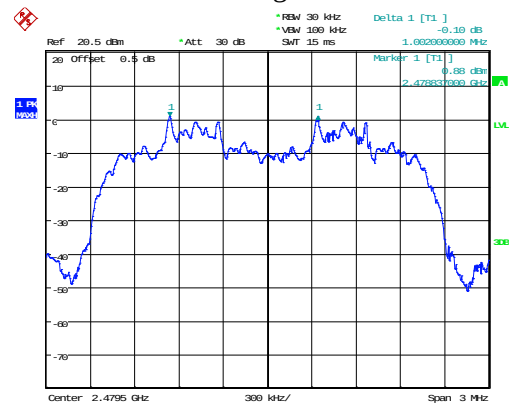
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:39:55

2DH1_Middle 1.002MHz

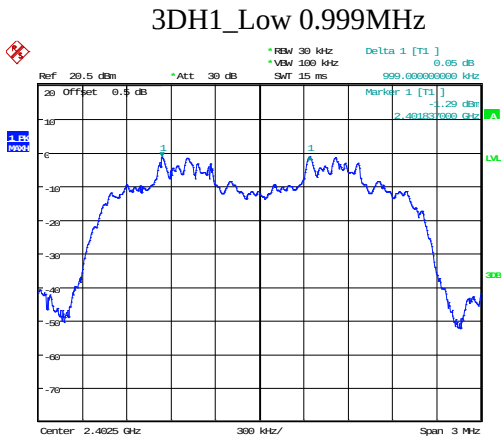


ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:42:20

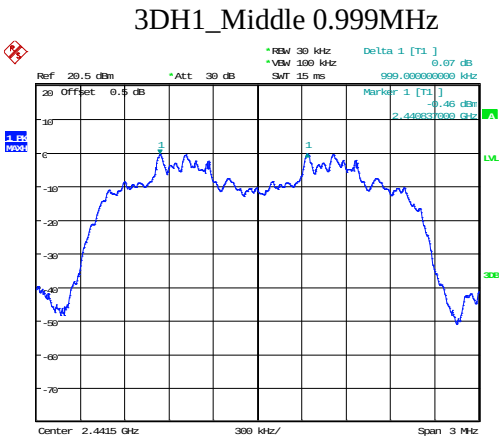
2DH1_High 1.002MHz



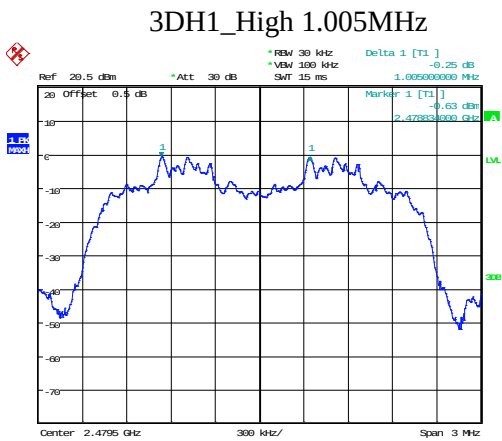
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:44:49



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:47:29



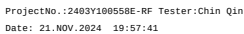
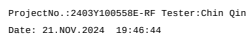
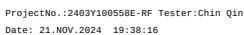
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:50:06



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:52:38

Number of Hopping Frequency

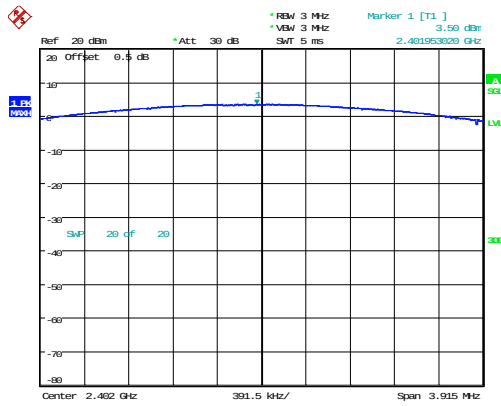
Mode	Channel	Result	Limit	Verdict
DH1	Hopping	79	15	Pass
2DH1	Hopping	79	15	Pass
3DH1	Hopping	79	15	Pass



Maximum Conducted Output Power

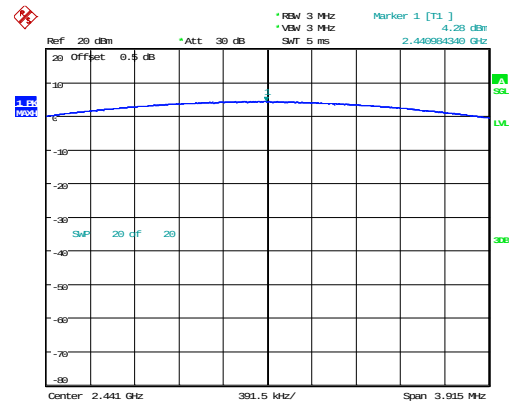
Mode	Channel	Result (dBm)	Limit (dBm)	Verdict
DH1	Low	3.50	21.00	Pass
	Middle	4.28	21.00	Pass
	High	4.04	21.00	Pass
2DH1	Low	2.63	21.00	Pass
	Middle	3.46	21.00	Pass
	High	3.18	21.00	Pass
3DH1	Low	2.47	21.00	Pass
	Middle	3.28	21.00	Pass
	High	2.98	21.00	Pass

DH1_Low 3.50dBm



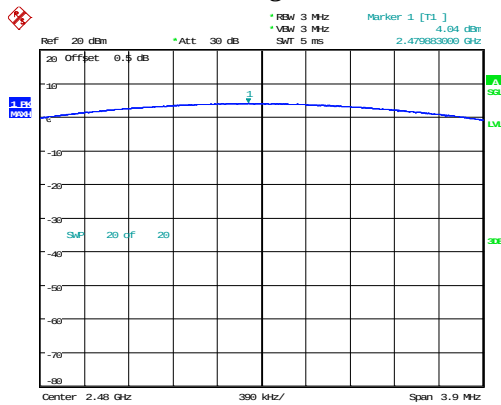
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:31:03

DH1_Middle 4.28dBm



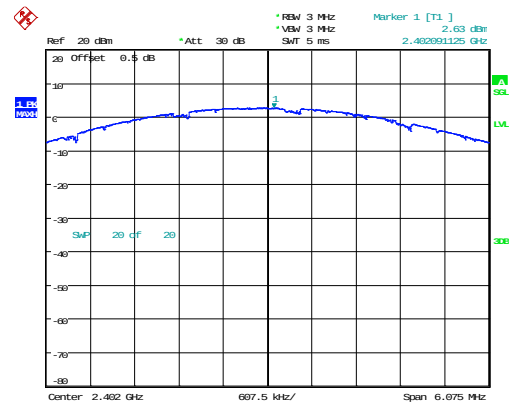
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:33:34

DH1_High 4.04dBm



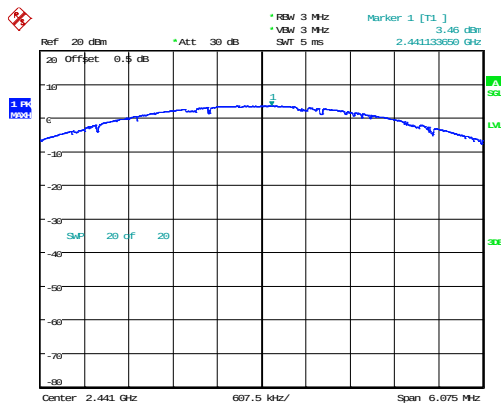
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:36:05

2DH1_Low 2.63dBm



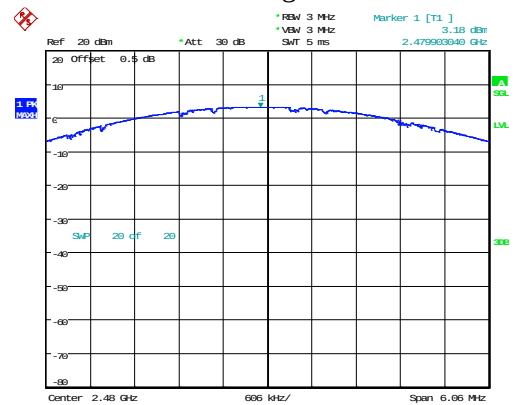
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:38:52

2DH1_Middle 3.46dBm



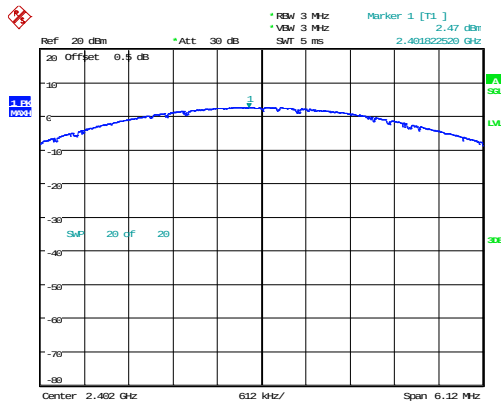
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:41:25

2DH1_High 3.18dBm



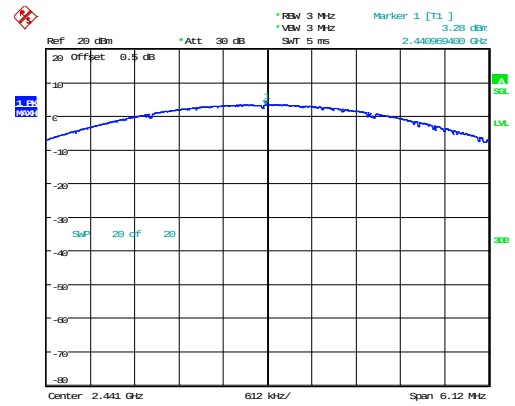
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:43:58

3DH1_Low 2.47dBm



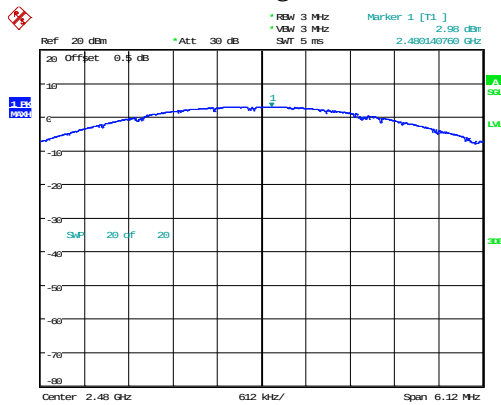
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:46:33

3DH1_Middle 3.28dBm



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:54:31

3DH1_High 2.98dBm

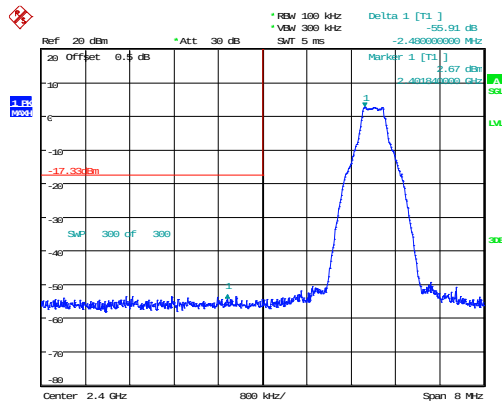


ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:56:36

100 kHz Bandwidth of Frequency Band Edge

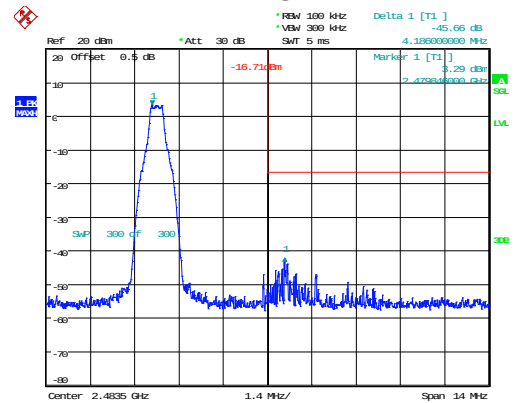
Mode	Channel	Result (dB)	Limit (dB)	Verdict
DH1	Low	55.91	20.00	Pass
	High	45.66	20.00	Pass
	Hopping_Lower	34.58	20.00	Pass
	Hopping_Upper	46.64	20.00	Pass
2DH1	Low	55.30	20.00	Pass
	High	55.83	20.00	Pass
	Hopping_Lower	40.04	20.00	Pass
	Hopping_Upper	48.29	20.00	Pass
3DH1	Low	54.82	20.00	Pass
	High	55.43	20.00	Pass
	Hopping_Lower	34.42	20.00	Pass
	Hopping_Upper	55.70	20.00	Pass

DH1_Low 55.91dB



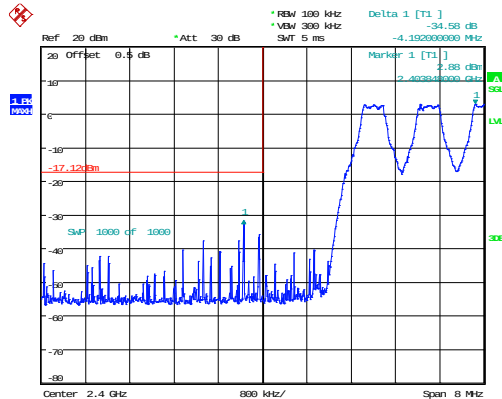
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:25:52

DH1_High 45.66dB



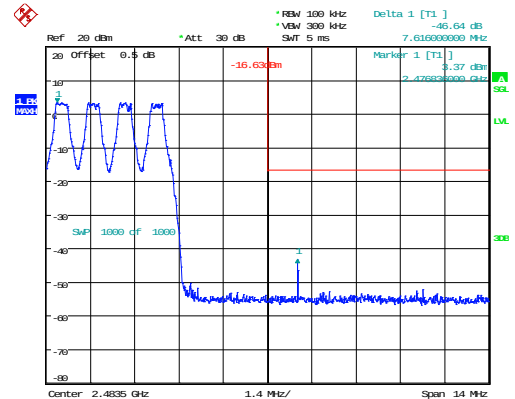
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:26:38

DH1_Hopping_Lower 34.58dB



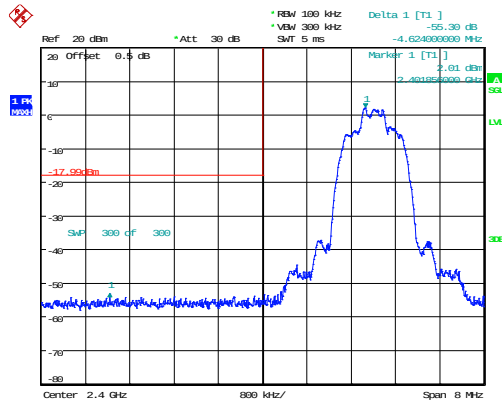
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:04:31

DH1_Hopping_Upper 46.64dB



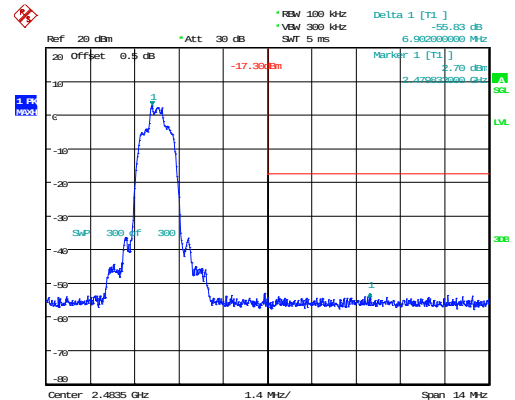
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:06:46

2DH1_Low 55.30dB



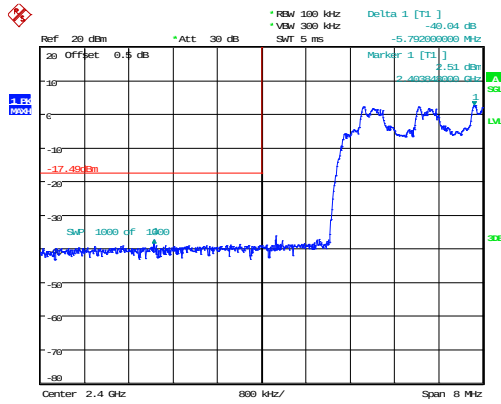
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:27:27

2DH1_High 55.83dB



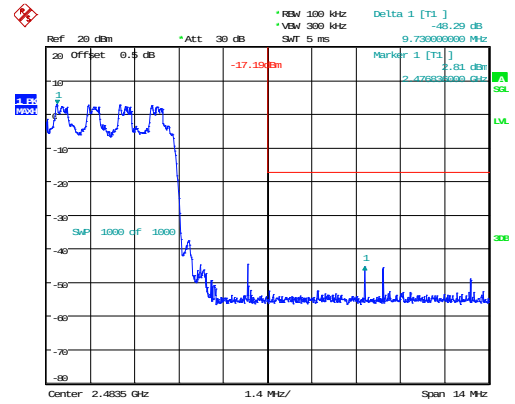
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:28:20

2DH1_Hopping_Lower 40.04dB



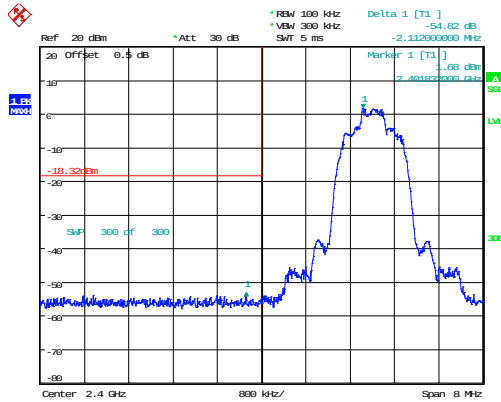
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:11:00

2DH1_Hopping_Upper 48.29dB



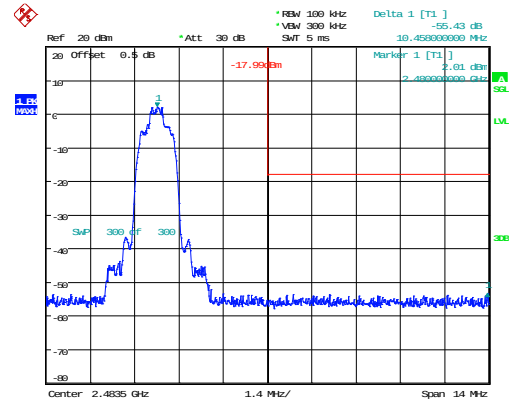
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:12:41

3DH1_Low 54.82dB



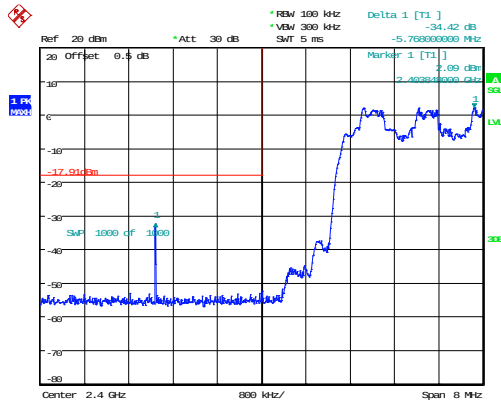
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:24:39

3DH1_High 55.43dB



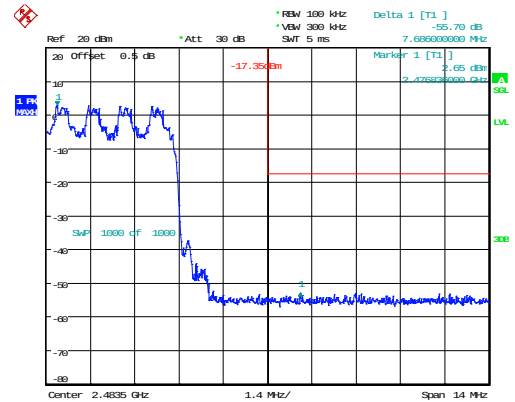
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:23:41

3DH1_Hopping_Lower 34.42dB



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:16:57

3DH1_Hopping_Upper 55.70dB



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 22:18:34

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	1.662	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	1.659	0.265	0.400	Pass
3DH5	Hopping	2.930	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

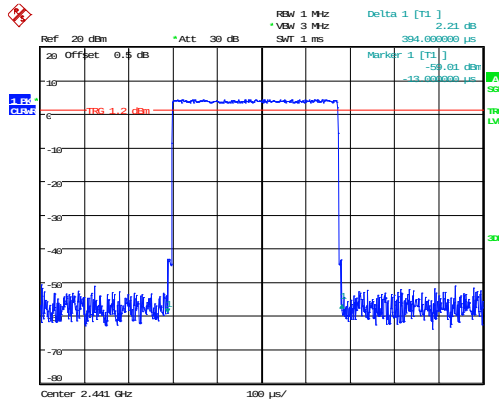
2DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

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

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

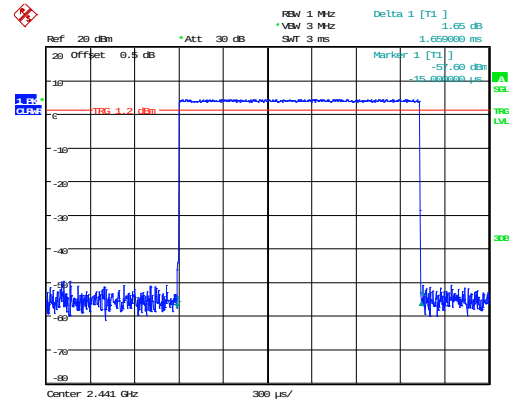
3DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

DH1_Hopping 0.394ms



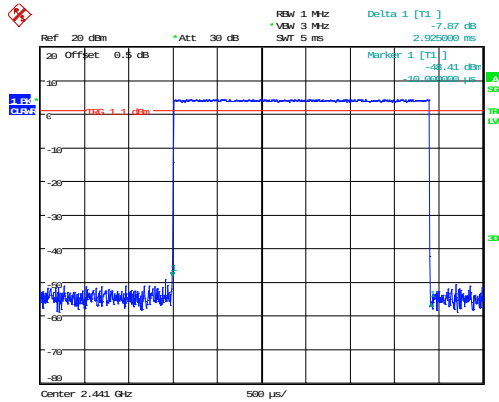
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 23:13:16

DH3_Hopping 1.659ms



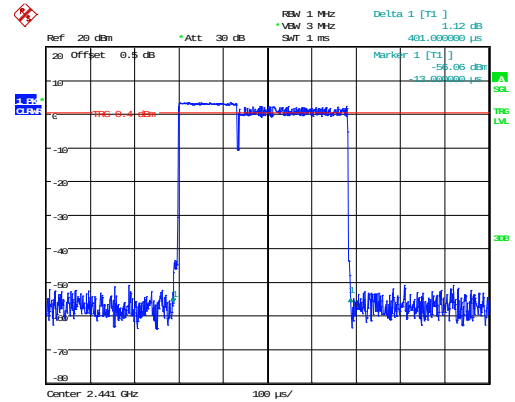
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 23:13:53

DH5_Hopping 2.925ms



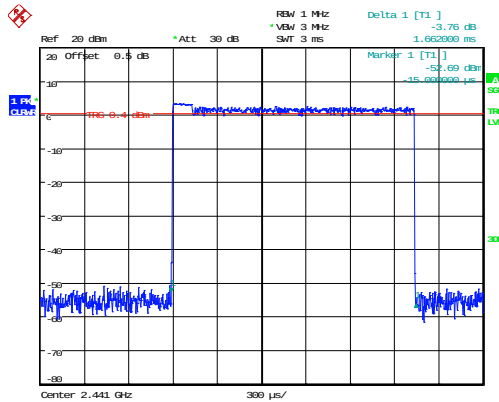
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 23:14:52

2DH1_Hopping 0.401ms



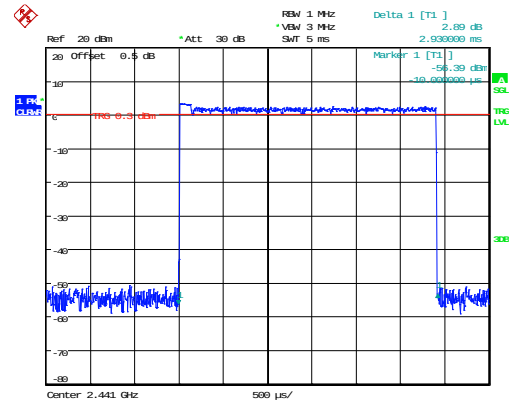
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 23:15:32

2DH3_Hopping 1.662ms



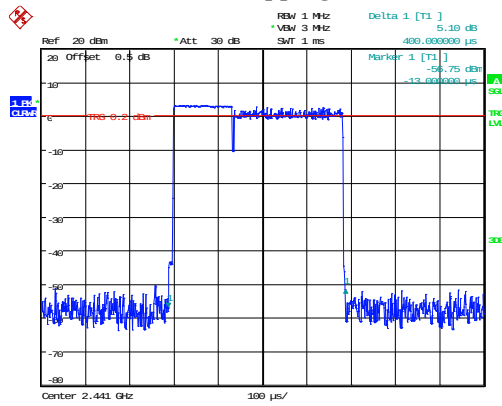
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 23:16:09

2DH5_Hopping 2.930ms



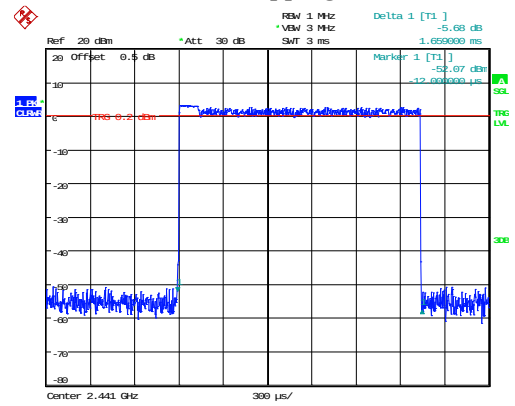
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 23:16:46

3DH1_Hopping 0.400ms



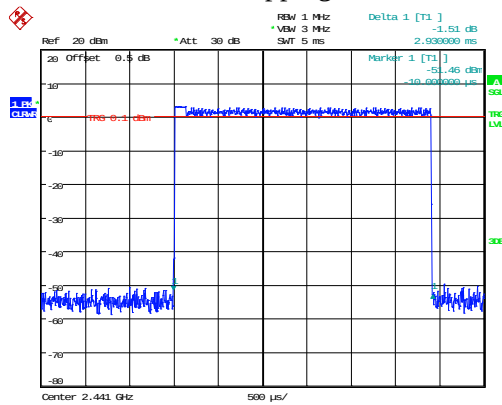
ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 23:17:30

3DH3_Hopping 1.659ms



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 23:18:05

3DH5_Hopping 2.930ms



ProjectNo.:2403Y100558E-RF Tester:Chin Qin
Date: 23.OCT.2024 23:18:50