

Test Information:

Sample No.:	2Y6T-1	Test Date:	2025/02/11
Test Site:	RF	Test Mode:	Transmitting
Tester:	Arthur Su	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	23.4	Relative Humidity: (%)	45	ATM Pressure: (kPa)	101.4
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Test Equipment List and Details:

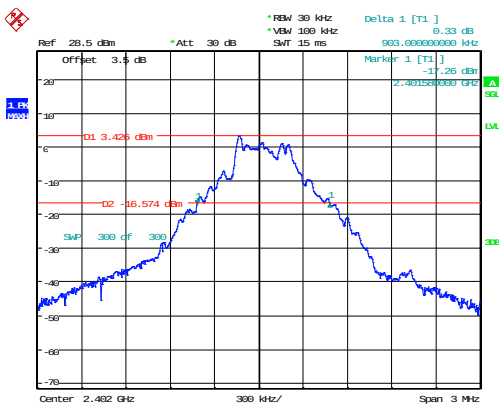
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	200256	2024/04/01	2025/03/31
R&S	Wideband Radio Communication Tester	CMW500	143458	2024/04/01	2025/03/31
Unknown	Coaxial tee connector	Unknown	2204004	Each time	N/A
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
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

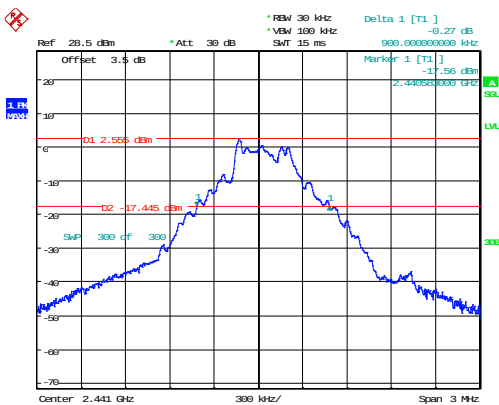
Mode	Channel	Result (MHz)
DH1	Low	0.903
	Middle	0.900
	High	0.900
2DH1	Low	1.248
	Middle	1.260
	High	1.257
3DH1	Low	1.254
	Middle	1.254
	High	1.251

DH1_Low 0.903MHz



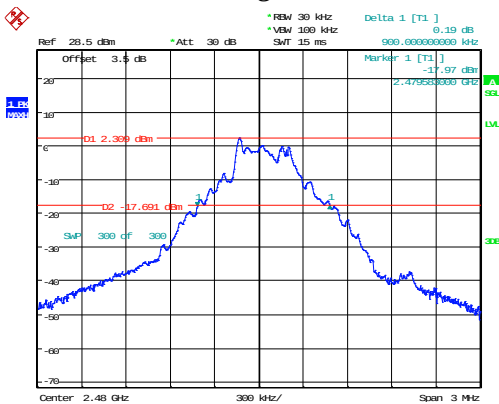
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:30:19

DH1_Middle 0.900MHz



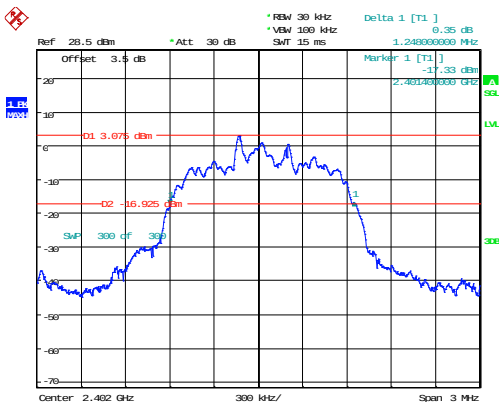
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:38:27

DH1_High 0.900MHz



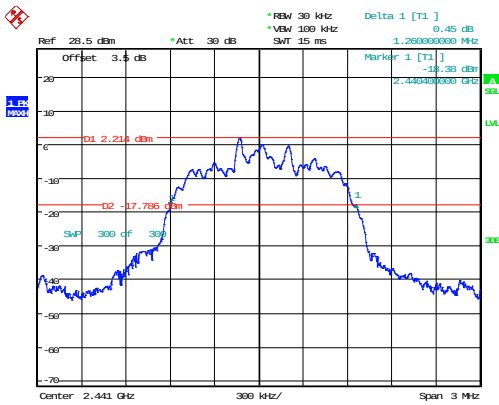
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:40:06

2DH1_Low 1.248MHz



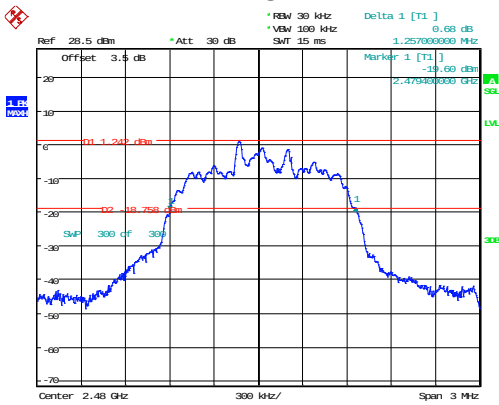
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:45:11

2DH1_Middle 1.260MHz



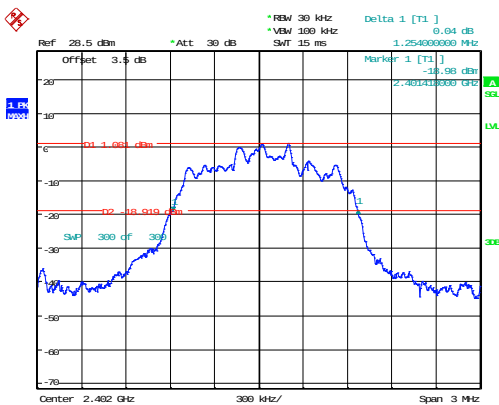
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:49:07

2DH1_High 1.257MHz



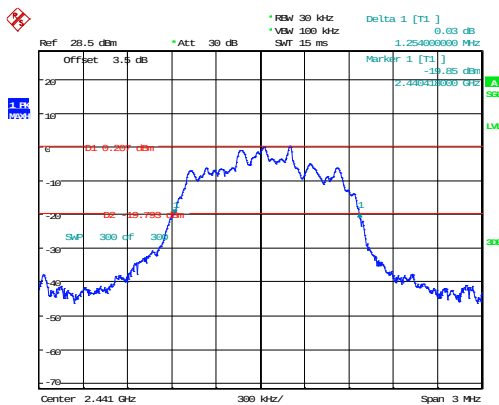
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:58:58

3DH1_Low 1.254MHz



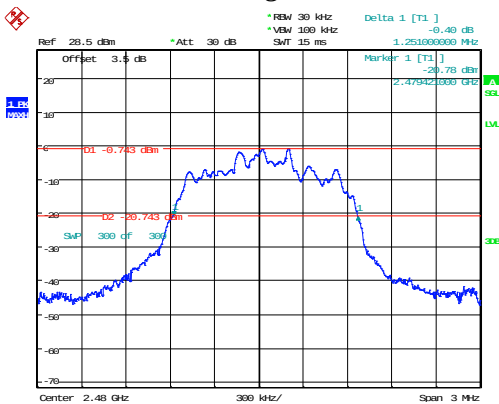
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:00:22

3DH1_Middle 1.254MHz



ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:04:20

3DH1_High 1.251MHz

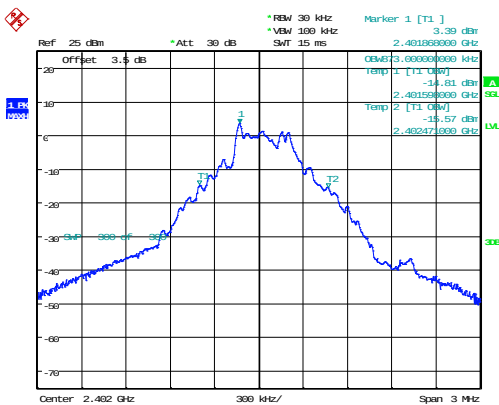


ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:06:03

99% Occupied Bandwidth

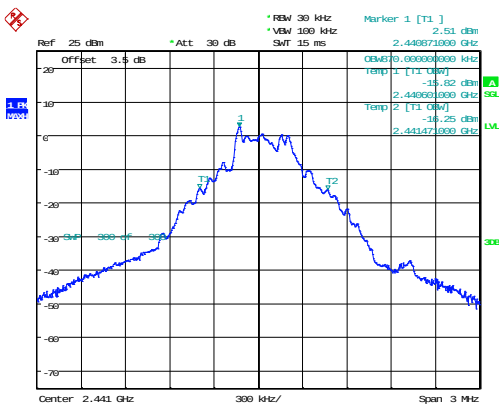
Mode	Channel	99% OBW (MHz)
DH1	Low	0.873
	Middle	0.870
	High	0.870
2DH1	Low	1.164
	Middle	1.164
	High	1.164
3DH1	Low	1.158
	Middle	1.158
	High	1.155

DH1_Low 0.873MHz



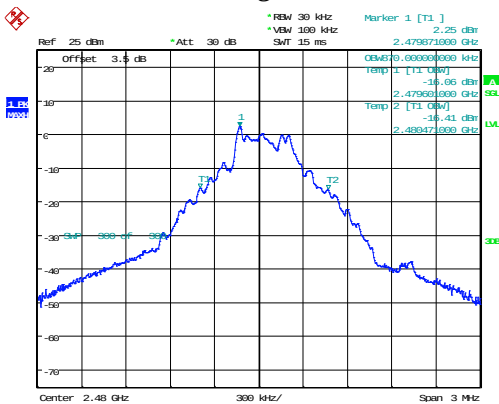
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:35:32

DH1_Middle 0.870MHz



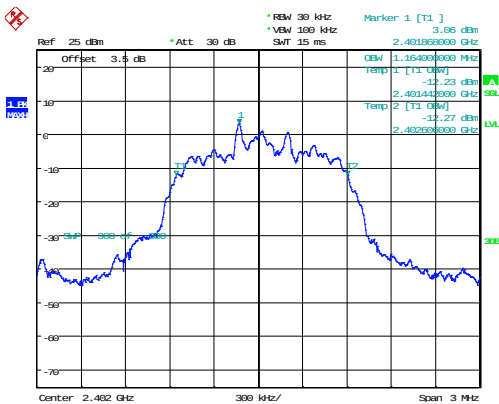
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:39:04

DH1_High 0.870MHz



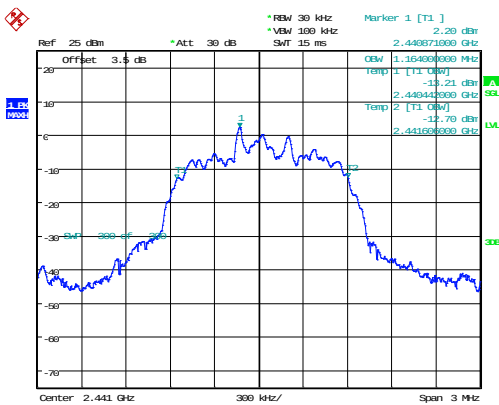
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:43:59

2DH1_Low 1.164MHz



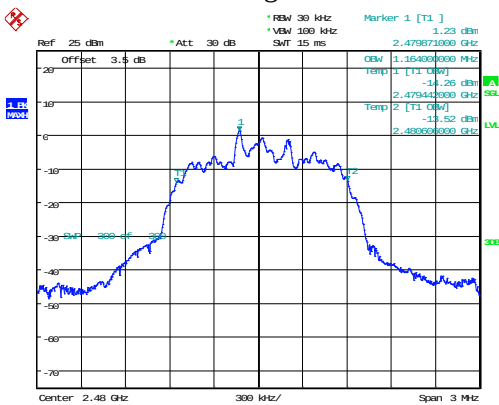
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:48:04

2DH1_Middle 1.164MHz



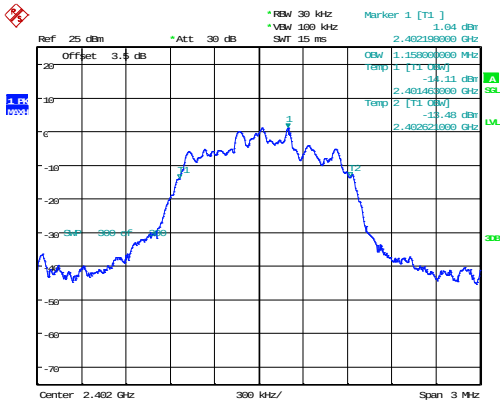
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:49:44

2DH1_High 1.164MHz



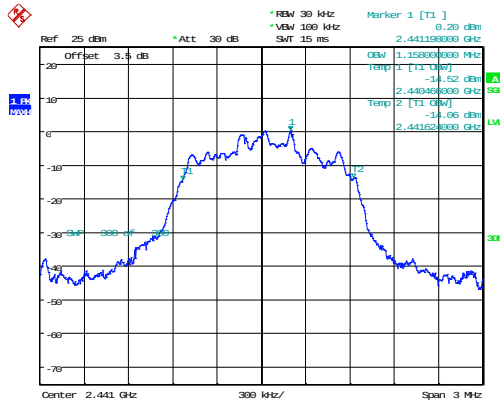
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:54:44

3DH1_Low 1.158MHz



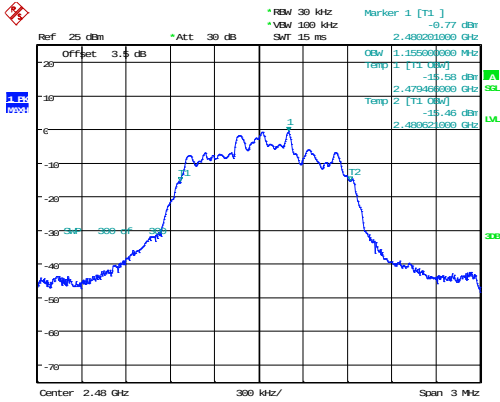
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:03:16

3DH1_Middle 1.158MHz



ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:04:57

3DH1_High 1.155MHz



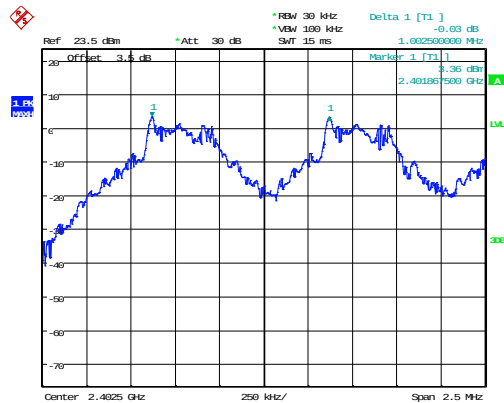
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:09:59

Channel Separation

Mode	Channel	Result (MHz)	Limit (MHz)	Verdict
DH1	Low	1.003	0.840	Pass
	Middle	0.998	0.840	Pass
	High	0.988	0.840	Pass

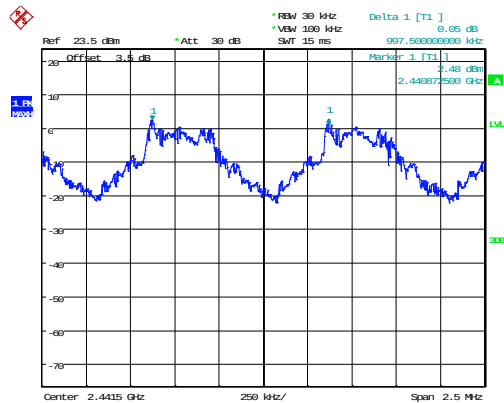
- Note:
- Only GFSK mode result is reported since EDR ($\pi/4$ -DQPSK, 8DPSK) has the exact same channel plan.
 - The limit is maximum 20 dB bandwidth * 2/3.

DH1_Low 1.003MHz



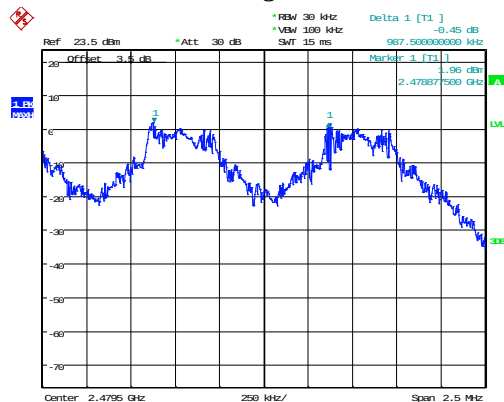
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:43:38

DH1_Middle 0.998MHz



ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:49:13

DH1_High 0.988MHz

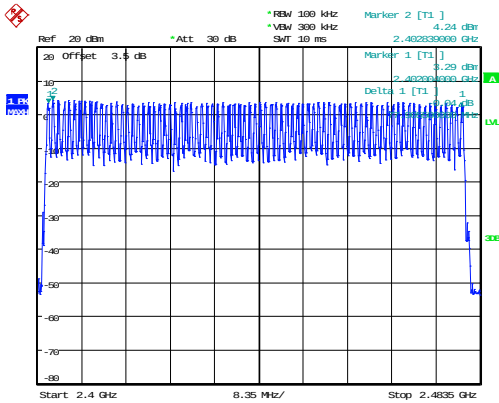


ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:54:57

Number of Hopping Frequency

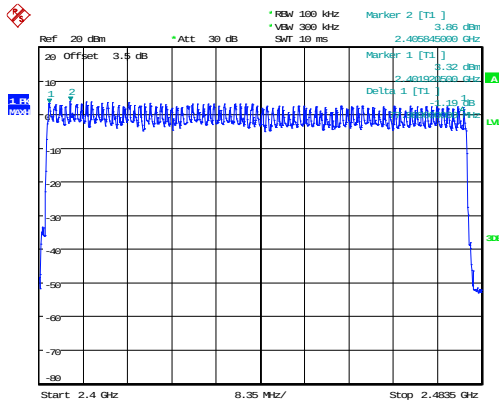
Mode	Channel	Result	Limit	Verdict
DH1	Hopping	79	15	Pass
2DH1	Hopping	79	15	Pass
3DH1	Hopping	79	15	Pass

DH1_Hopping 79



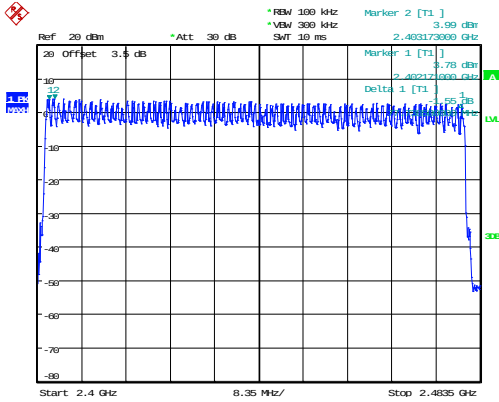
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 16:38:38

2DH1_Hopping 79



ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 16:44:49

3DH1_Hopping 79

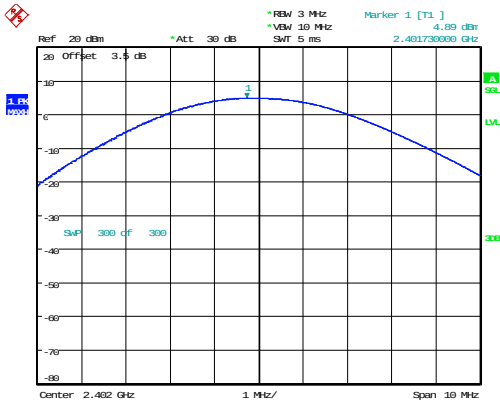


ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 16:53:08

Maximum Conducted Output Power

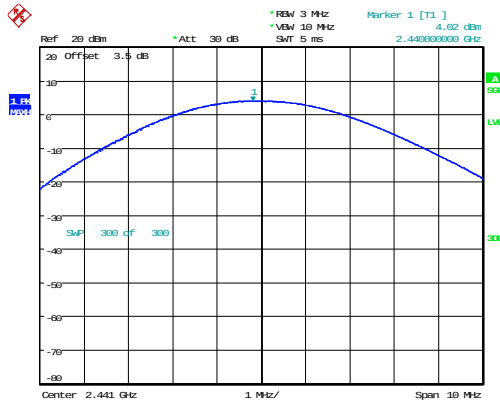
Mode	Channel	Result (dBm)	Limit (dBm)	Verdict
DH1	Low	4.89	21.00	Pass
	Middle	4.02	21.00	Pass
	High	3.75	21.00	Pass
2DH1	Low	5.86	21.00	Pass
	Middle	5.04	21.00	Pass
	High	4.41	21.00	Pass
3DH1	Low	6.40	21.00	Pass
	Middle	5.60	21.00	Pass
	High	4.79	21.00	Pass

DH1_Low 4.89dBm



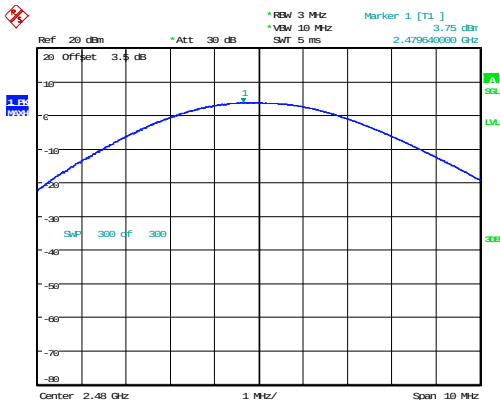
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:35:54

DH1_Middle 4.02dBm



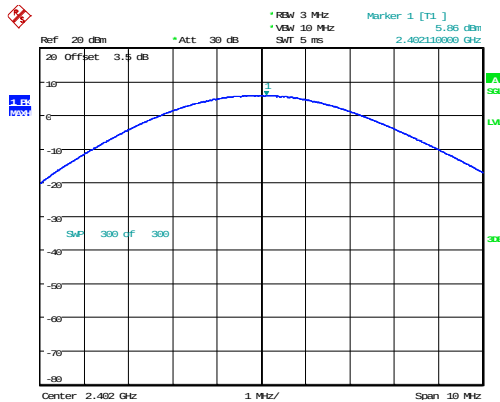
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:39:27

DH1_High 3.75dBm



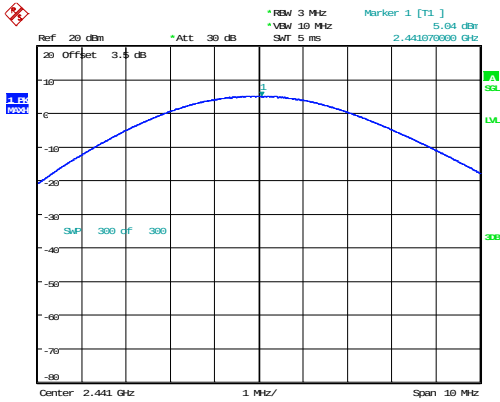
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:44:21

2DH1_Low 5.86dBm



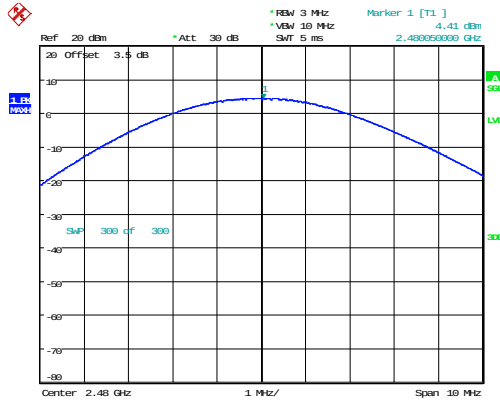
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:48:27

2DH1_Middle 5.04dBm



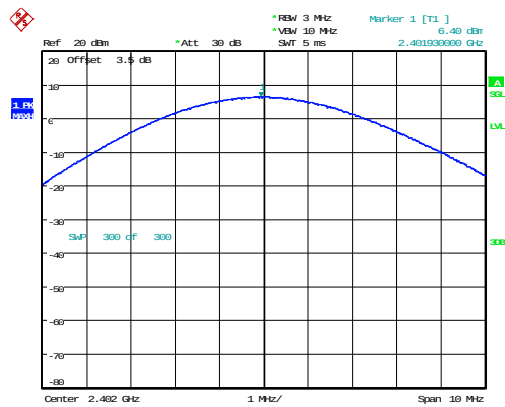
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:50:06

2DH1_High 4.41dBm



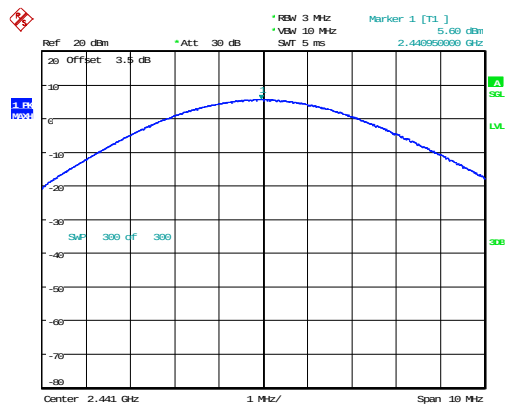
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:55:06

3DH1_Low 6.40dBm



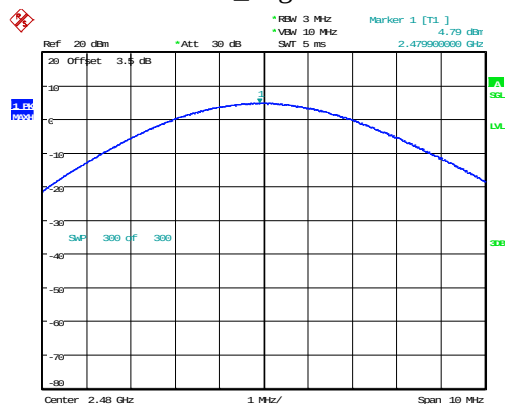
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:03:39

3DH1_Middle 5.60dBm



ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:05:20

3DH1_High 4.79dBm

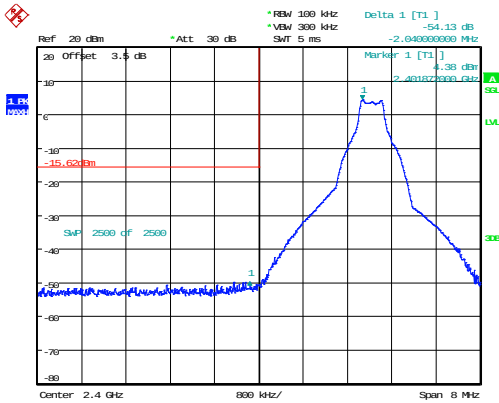


ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:10:22

100 kHz Bandwidth of Frequency Band Edge

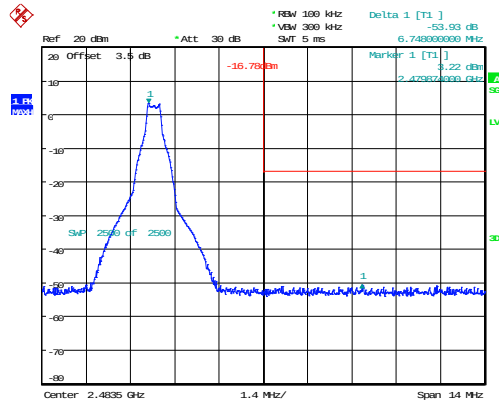
Mode	Channel	Result (dB)	Limit (dB)	Verdict
DH1	Low	54.13	20.00	Pass
	High	53.93	20.00	Pass
	Hopping_Lower	55.12	20.00	Pass
	Hopping_Upper	53.36	20.00	Pass
2DH1	Low	50.25	20.00	Pass
	High	52.74	20.00	Pass
	Hopping_Lower	52.51	20.00	Pass
	Hopping_Upper	52.57	20.00	Pass
3DH1	Low	50.05	20.00	Pass
	High	52.57	20.00	Pass
	Hopping_Lower	50.32	20.00	Pass
	Hopping_Upper	52.93	20.00	Pass

DH1_Low 54.13dB



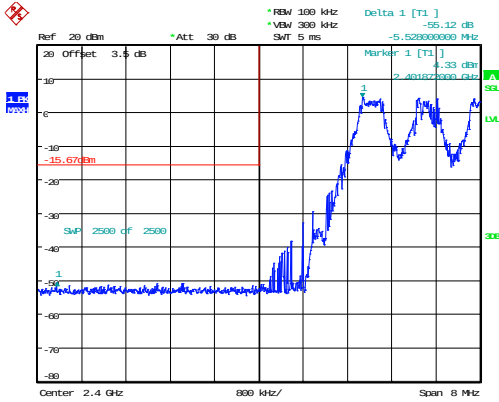
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:34:52

DH1_High 53.93dB



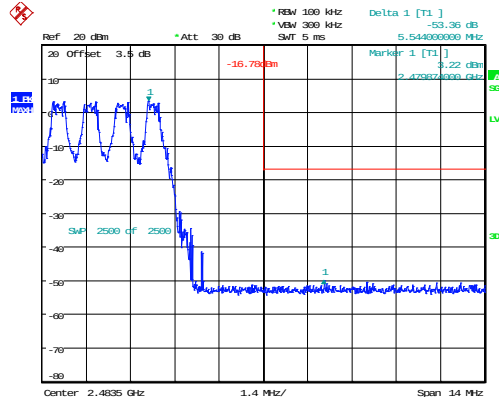
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:43:22

DH1_Hopping_Lower 55.12dB



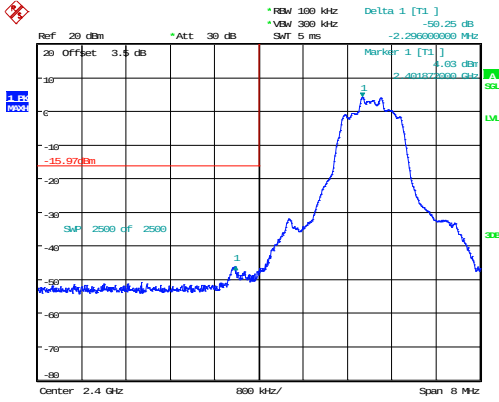
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:15:15

DH1_Hopping_Upper 53.36dB



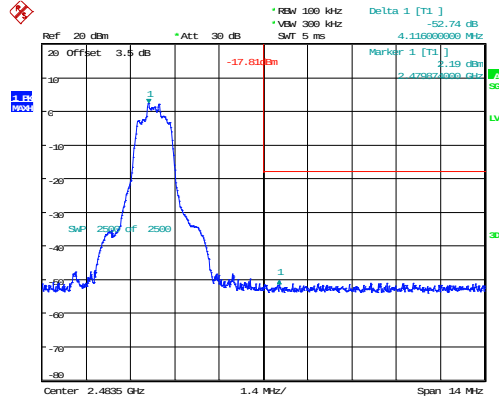
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:20:44

2DH1_Low 50.25dB



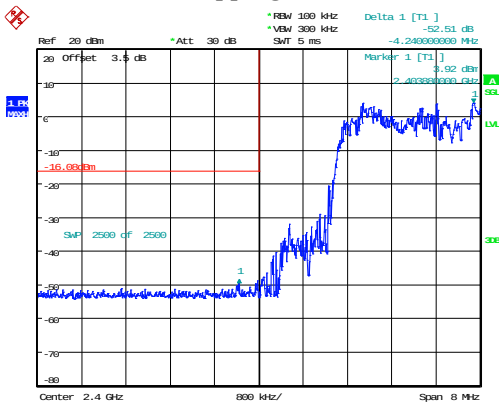
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:47:25

2DH1_High 52.74dB



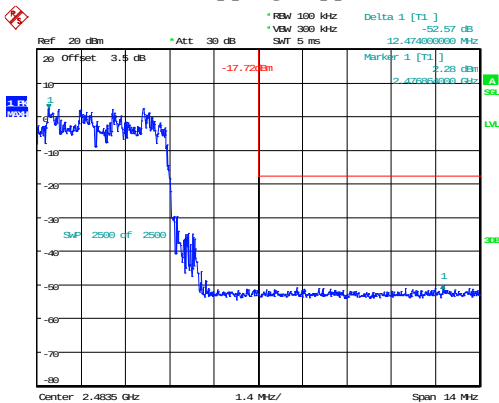
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 14:54:07

2DH1_Hopping_Lower 52.51dB



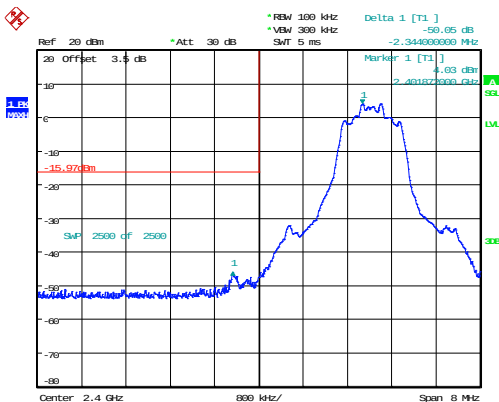
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:23:25

2DH1_Hopping_Upper 52.57dB



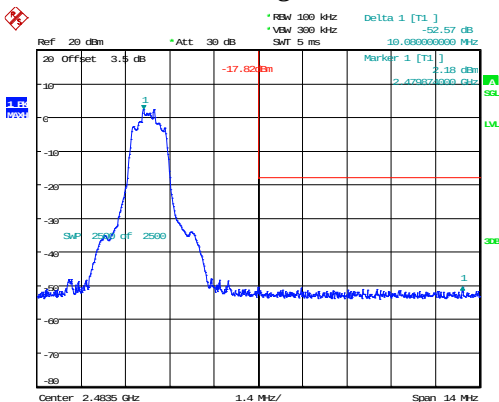
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:26:47

3DH1_Low 50.05dB



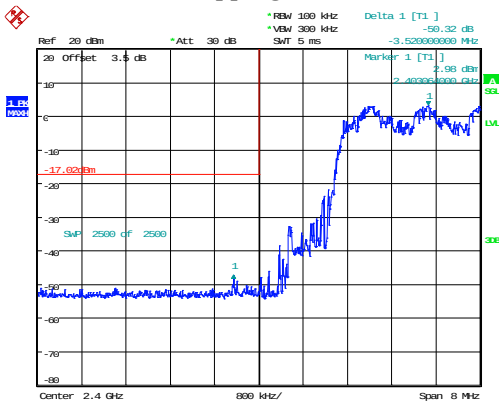
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:02:37

3DH1_High 52.57dB



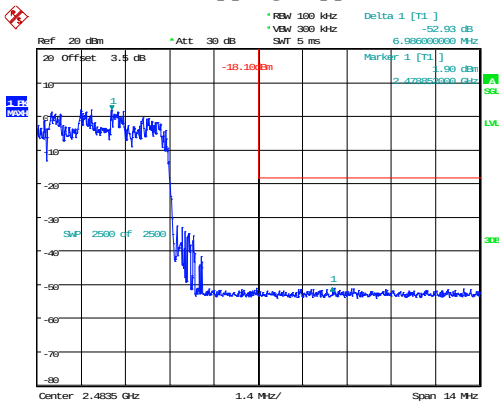
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:09:22

3DH1_Hopping_Lower 50.32dB



ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:29:09

3DH1_Hopping_Upper 52.93dB



ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 15:32:34

Time of Occupancy (dwell time)

Mode	Channel	Pulse width (ms)	Dwell time (s)	Limit (s)	Verdict
DH1	Hopping	0.413	0.132	0.400	Pass
DH3	Hopping	1.677	0.268	0.400	Pass
DH5	Hopping	2.945	0.314	0.400	Pass
2DH1	Hopping	0.407	0.130	0.400	Pass
2DH3	Hopping	1.665	0.266	0.400	Pass
2DH5	Hopping	2.940	0.314	0.400	Pass
3DH1	Hopping	0.406	0.130	0.400	Pass
3DH3	Hopping	1.665	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

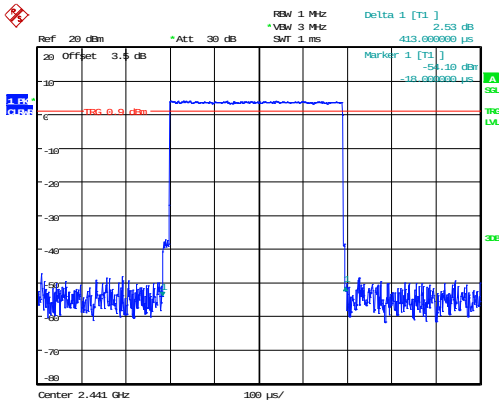
2DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

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

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

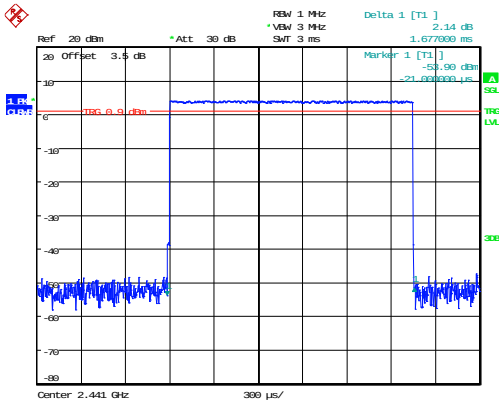
3DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s

DH1_Hopping 0.413ms



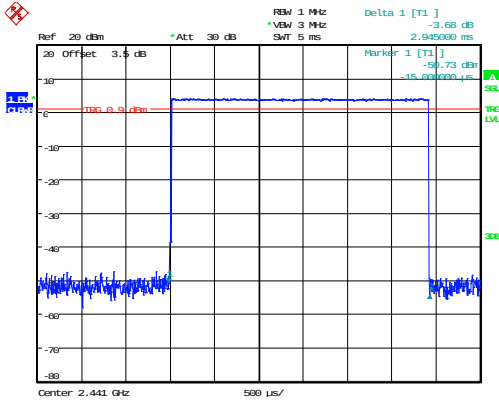
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 16:54:35

DH3_Hopping 1.677ms



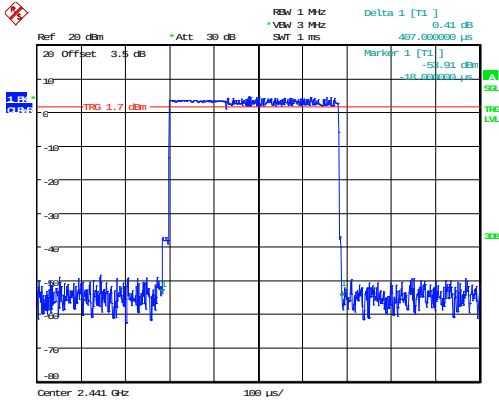
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 16:55:43

DH5_Hopping 2.945ms



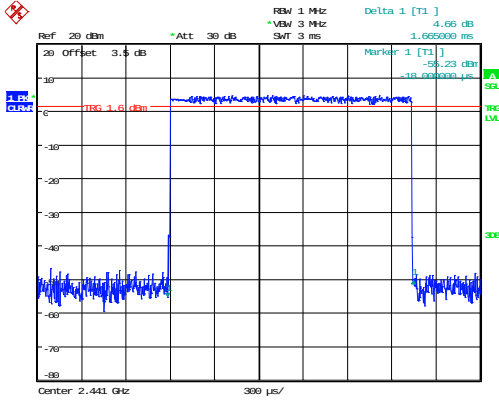
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 16:56:44

2DH1_Hopping 0.407ms



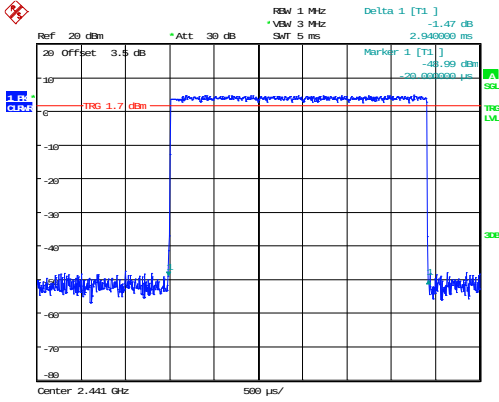
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 16:57:44

2DH3_Hopping 1.665ms



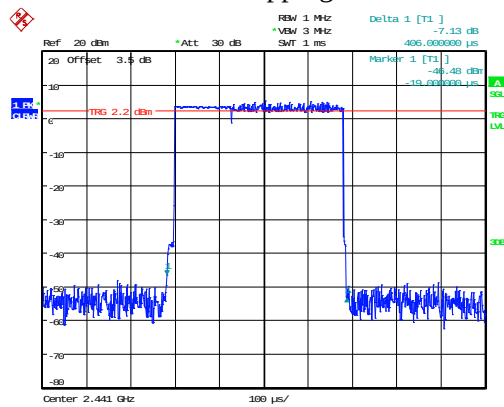
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 16:58:54

2DH5_Hopping 2.940ms



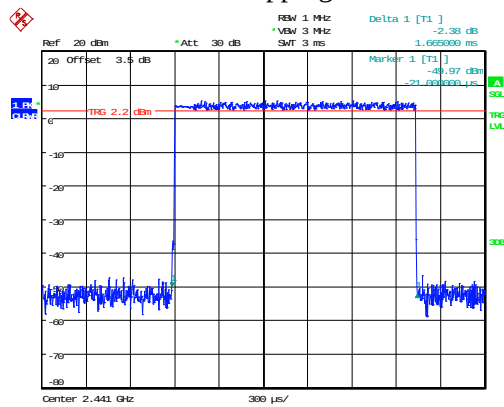
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 16:59:53

3DH1_Hopping 0.406ms



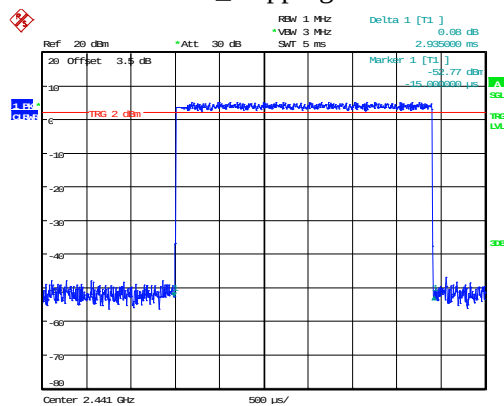
ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 17:00:50

3DH3_Hopping 1.665ms



ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 17:03:55

3DH5_Hopping 2.935ms



ProjectNo.:2503Q17178E-RF Tester:Arthur Su
Date: 11.FEB.2025 17:02:47