

Test Information:

Sample No.:	38JI-1	Test Date:	2025/08/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Chloe Zhao	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.5	Relative Humidity: (%)	51	ATM Pressure: (kPa)	100.2
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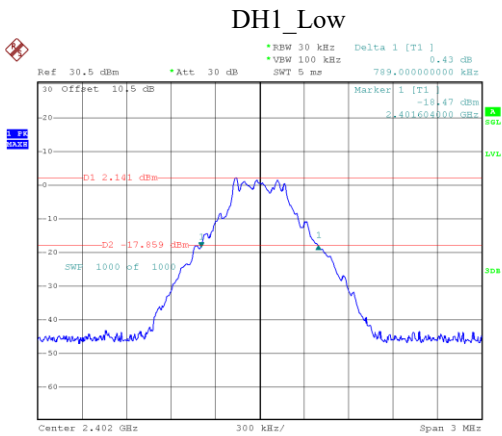
Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSP 38	100484	2025/07/28	2026/07/27
R&S	Spectrum Analyzer	FSU26	200256	2025/03/31	2026/03/30
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060301	Each time	N/A

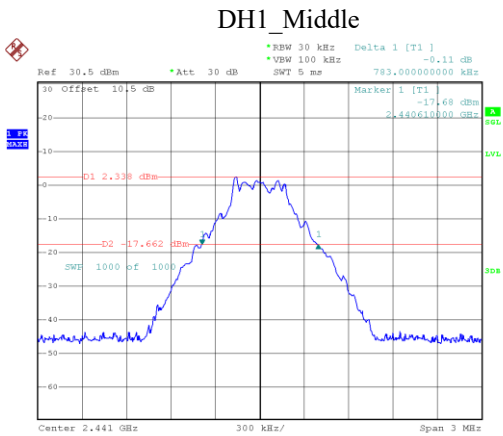
** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

20 dB Emission Bandwidth

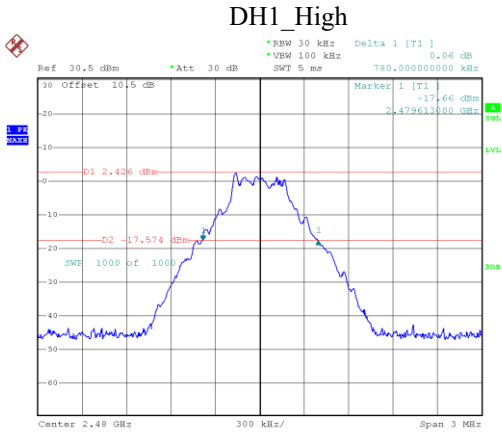
Test Modes	Packet Type	Channel	Result (MHz)
BDR Mode (GFSK)	DH1	Low	0.789
		Middle	0.783
		High	0.780
EDR Mode ($\pi/4$ -DQPSK)	2DH1	Low	1.272
		Middle	1.272
		High	1.269
EDR Mode (8DPSK)	3DH1	Low	1.281
		Middle	1.281
		High	1.281



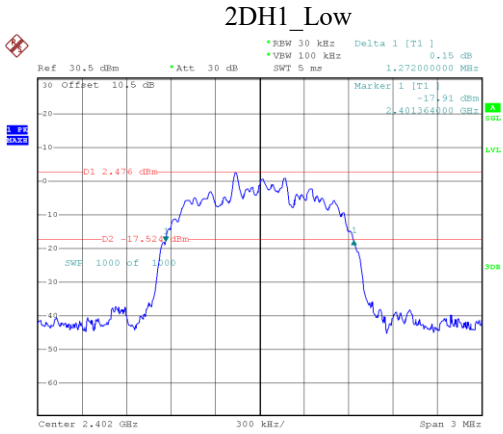
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 14:55:21



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 14:56:15

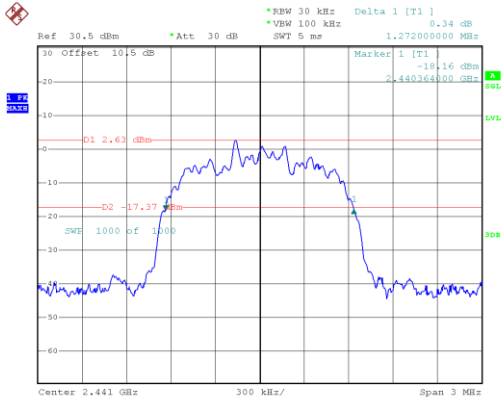


ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 14:57:09



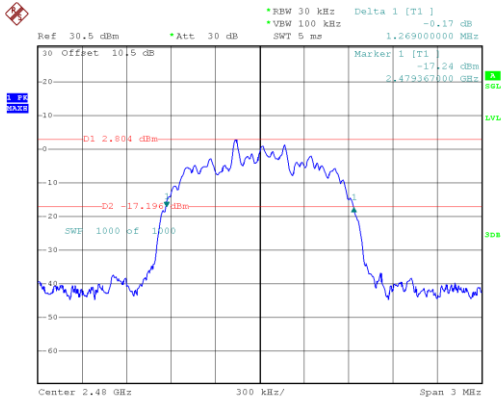
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 14:58:24

2DH1_Middle



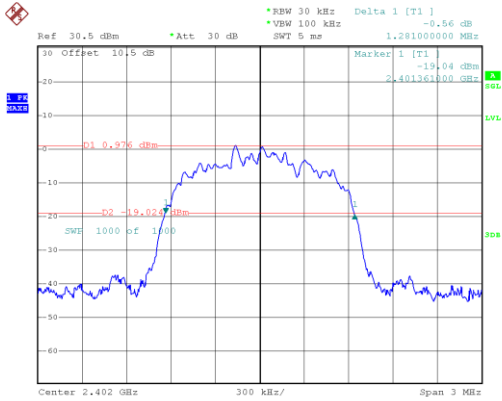
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 14:59:29

2DH1_High



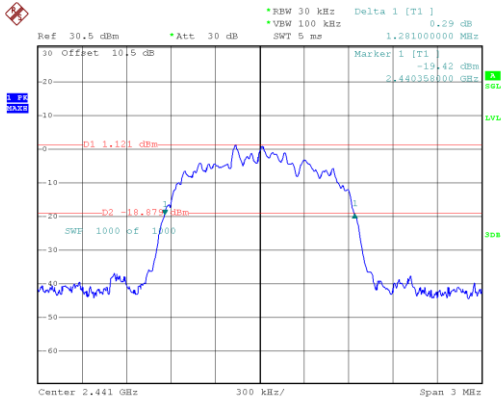
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 15:00:17

3DH1_Low



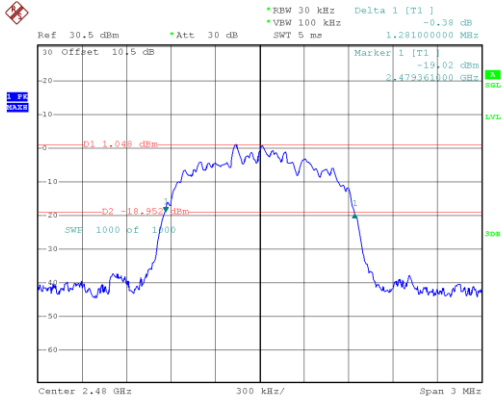
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 15:01:27

3DH1_Middle



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 15:02:20

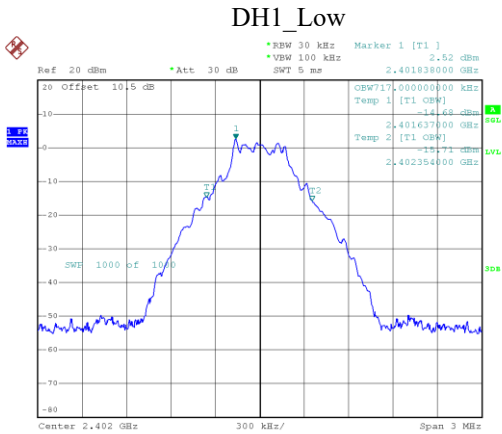
3DH1_High



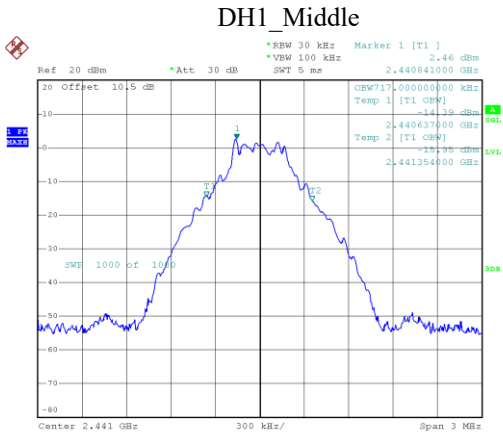
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 15:03:30

99% Occupied Bandwidth

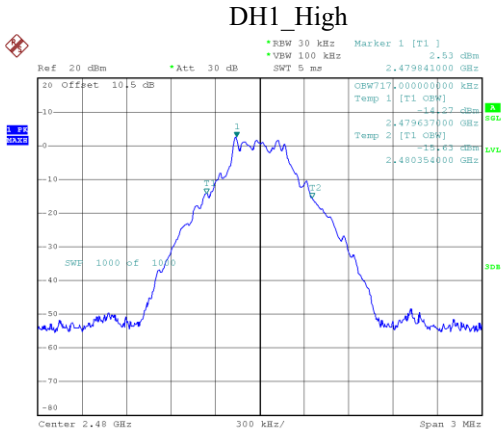
Test Modes	Packet Type	Channel	99% OBW (MHz)
BDR Mode (GFSK)	DH1	Low	0.717
		Middle	0.717
		High	0.717
EDR Mode ($\pi/4$ -DQPSK)	2DH1	Low	1.167
		Middle	1.167
		High	1.167
EDR Mode (8DPSK)	3DH1	Low	1.164
		Middle	1.164
		High	1.164



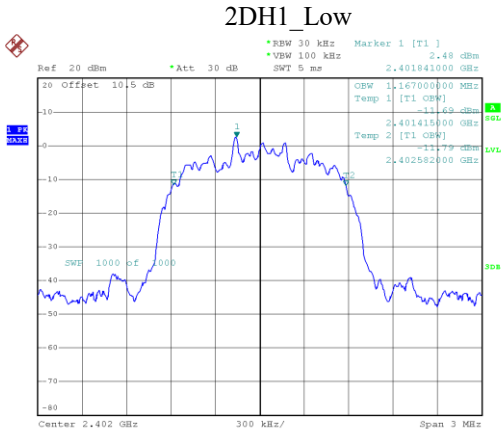
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 18:56:33



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 18:57:29

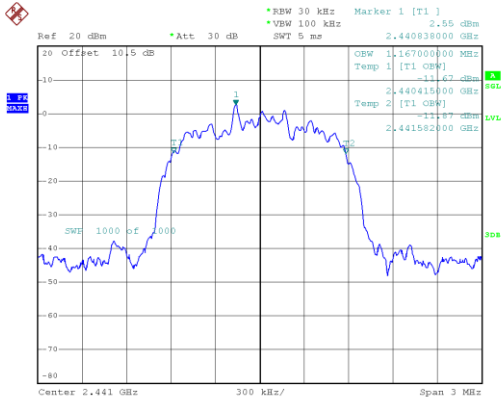


ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 18:58:28



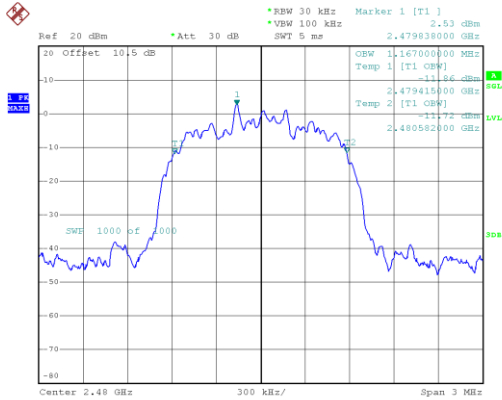
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:00:05

2DH1_Middle



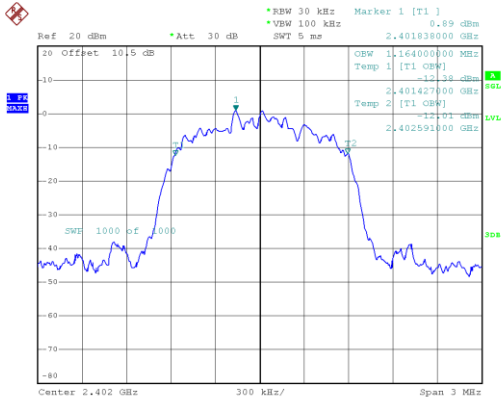
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:01:16

2DH1_High



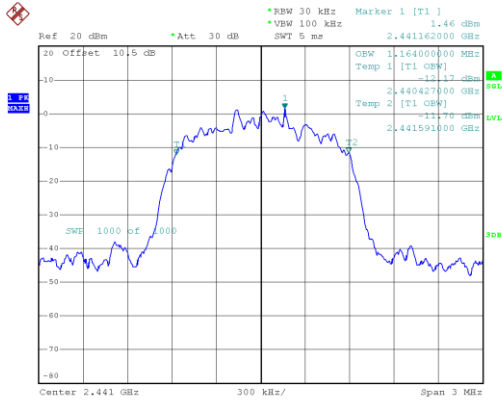
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:02:18

3DH1_Low



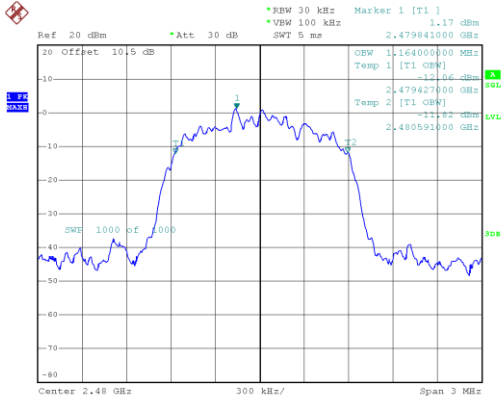
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:03:38

3DH1_Middle



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:04:49

3DH1_High

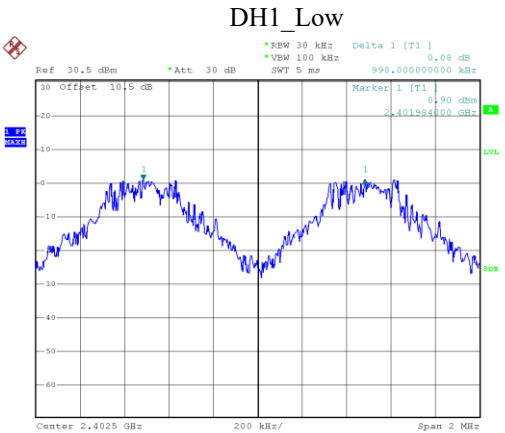


ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:05:51

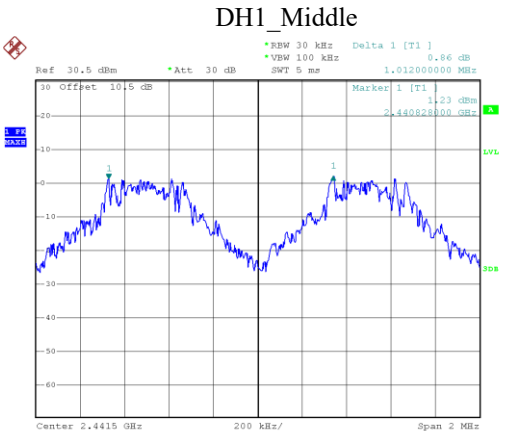
Channel Separation

Test Modes	Packet Type	Channel	Result (MHz)	Limit (MHz)	Verdict
BDR Mode (GFSK)	DH1	Low	0.998	0.526	Pass
		Middle	1.012	0.522	Pass
		High	0.996	0.520	Pass

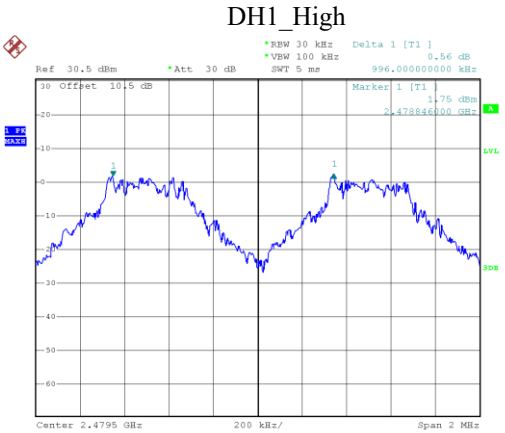
Note: Only the BDR (GFSK) mode result is reported since EDR ($\pi/4$ -DQPSK) and EDR (8DPSK) modes have the exact same channel plan, and the limit is the maximum 20dB bandwidth *2/3.



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 16:11:26



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 16:13:15

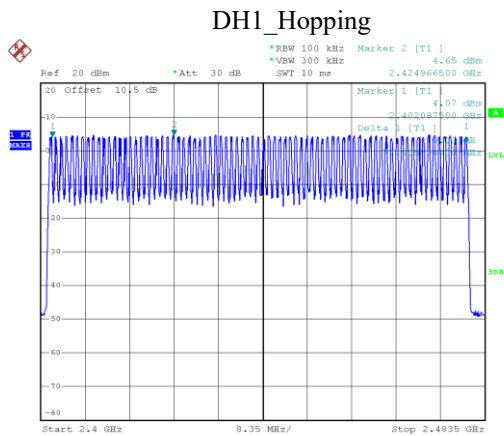


ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 16:48:17

Number of Hopping Frequency

Test Modes	Packet Type	Channel	Result	Limit	Verdict
BDR Mode (GFSK)	DH1	Hopping	79	15	Pass

Note: Only the BDR (GFSK) mode result is reported since EDR ($\pi/4$ -DQPSK) and EDR (8DPSK) modes have the exact same channel plan.

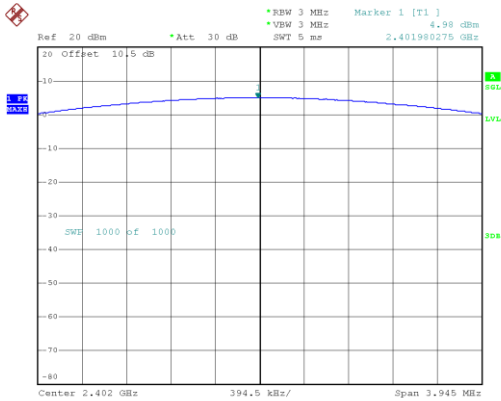


ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 17:07:45

Maximum Conducted Output Power

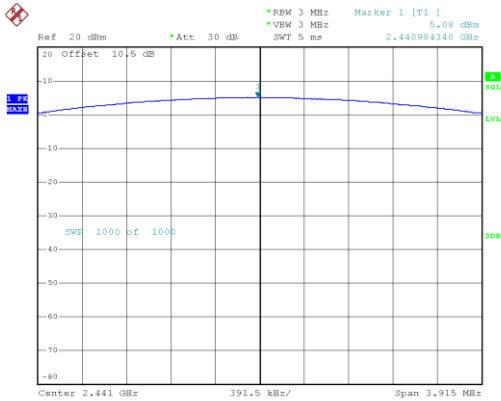
Test Modes	Packet Type	Test Frequency (MHz)	Peak Output Power (dBm)	Limit (dBm)	Verdict
BDR Mode (GFSK)	DH1	2402	4.98	21.00	Pass
		2441	5.08	21.00	Pass
		2480	5.20	21.00	Pass
EDR Mode ($\pi/4$ -DQPSK)	2DH1	2402	7.43	21.00	Pass
		2441	7.56	21.00	Pass
		2480	7.72	21.00	Pass
EDR Mode (8DPSK)	3DH1	2402	7.93	21.00	Pass
		2441	8.01	21.00	Pass
		2480	8.25	21.00	Pass

DH1_Low



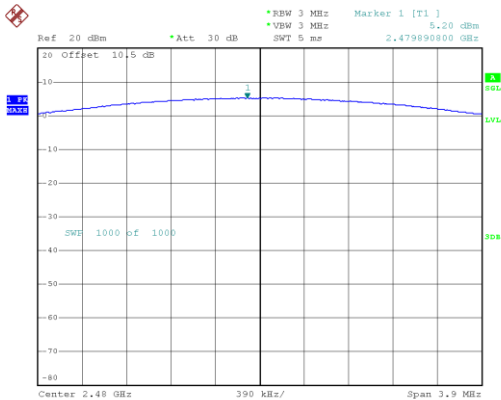
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 15:05:04

DH1_Middle



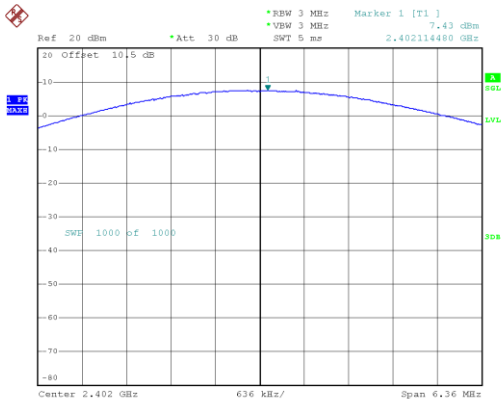
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 15:06:22

DH1_High



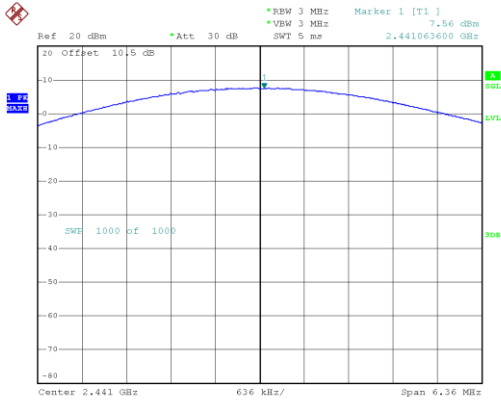
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 15:07:11

2DH1_Low



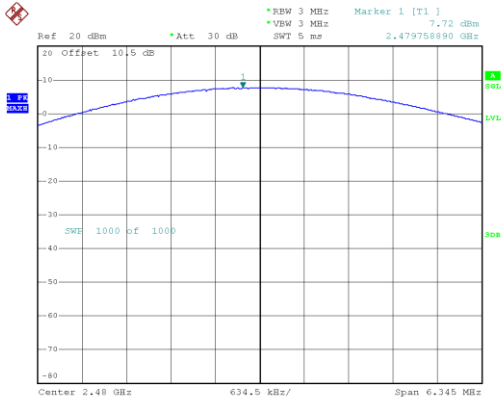
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 15:08:20

2DH1_Middle



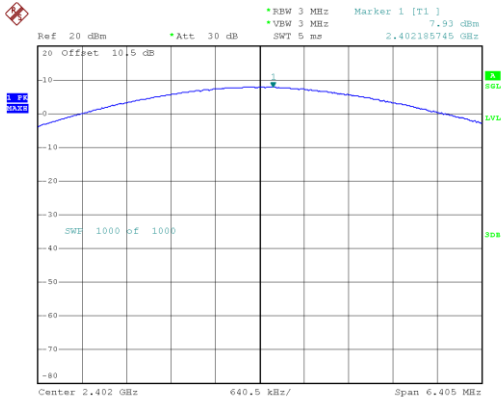
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 15:09:11

2DH1_High



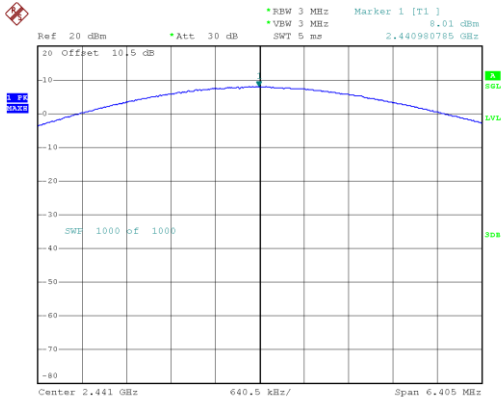
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 15:10:27

3DH1_Low



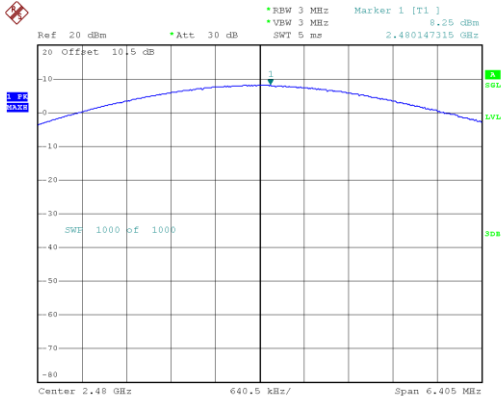
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 15:11:32

3DH1_Middle



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 15:12:30

3DH1_High



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 16:08:33

Time of Occupancy (dwell time)

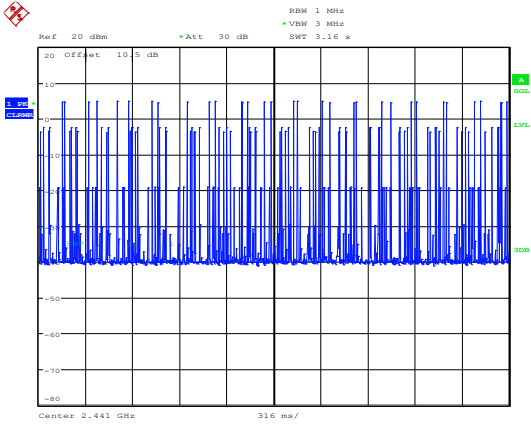
Test Modes	Packet Type	Channel	Burst Width (ms)	Total Hops (Num)	Result (s)	Limit (s)	Verdict
BDR Mode (GFSK)	DH1	Hopping	0.393	310	0.126	≤ 0.4	Pass
	DH3	Hopping	1.663	140	0.266	≤ 0.4	Pass
	DH5	Hopping	2.936	60	0.313	≤ 0.4	Pass
EDR Mode (π/4-DQPSK)	2DH1	Hopping	0.402	320	0.129	≤ 0.4	Pass
	2DH3	Hopping	1.670	180	0.267	≤ 0.4	Pass
	2DH5	Hopping	2.939	60	0.313	≤ 0.4	Pass
EDR Mode (8DPSK)	3DH1	Hopping	0.403	310	0.129	≤ 0.4	Pass
	3DH3	Hopping	1.665	110	0.266	≤ 0.4	Pass
	3DH5	Hopping	2.928	110	0.312	≤ 0.4	Pass

Note 1: A period time = 0.4*79 = 31.6(S), Result = Burst Width * Total hops

Note 2: Total hops = Hopping Number in 3.16s*10

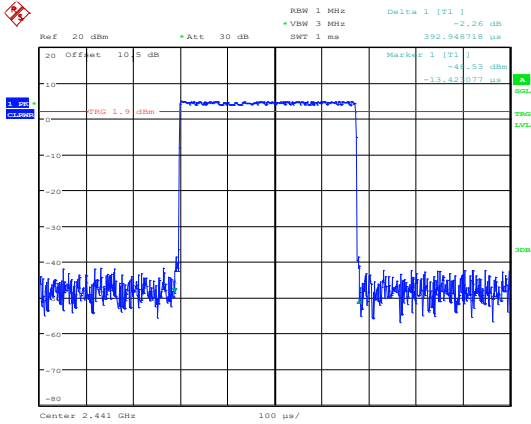
Note 3: Hopping Number in 3.16s = Total of highest signals in 3.16s(Second high signals were another channel)

DH1_Hopping



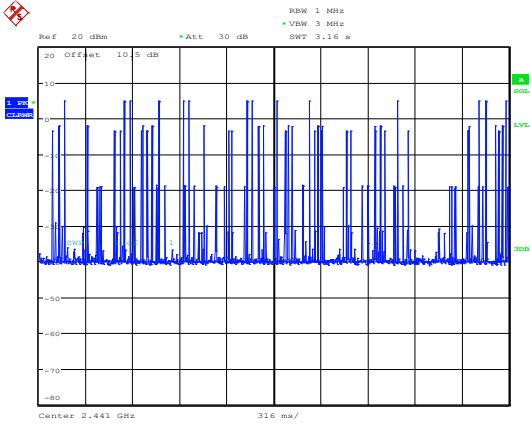
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:16:09

DH1_Hopping



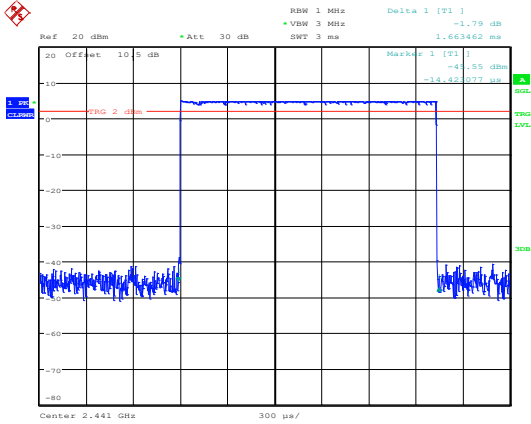
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:17:04

DH3_Hopping



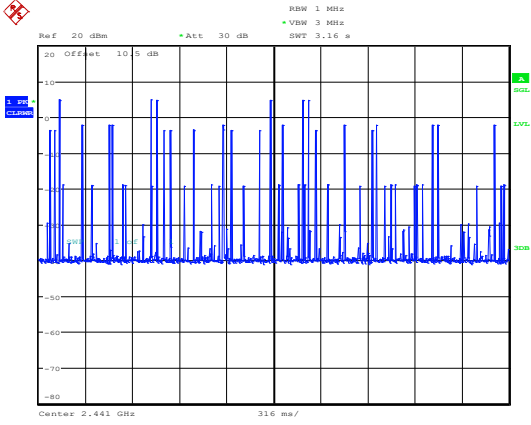
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 09:51:44

DH3_Hopping



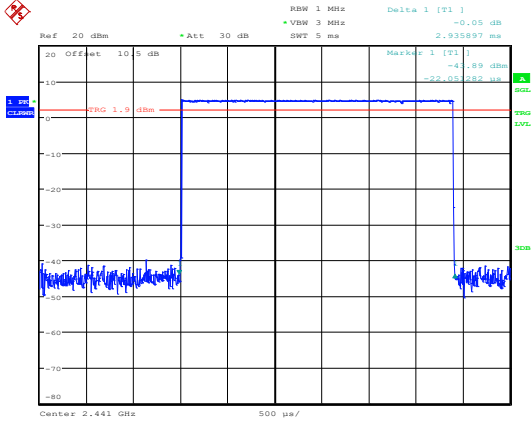
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 09:52:50

DH5_Hopping



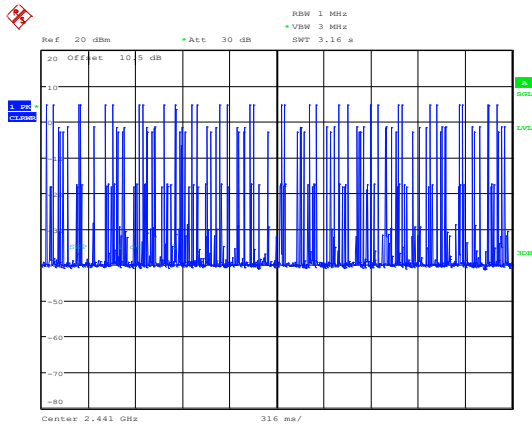
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:03:45

DH5_Hopping



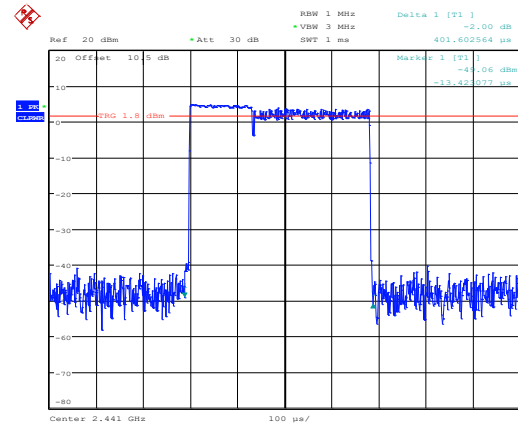
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:04:26

2DH1_Hopping



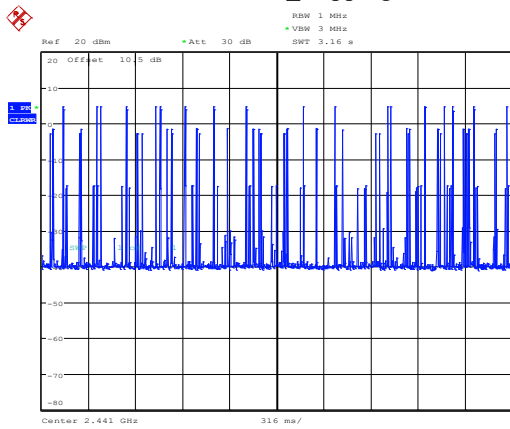
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 09:56:27

2DH1_Hopping



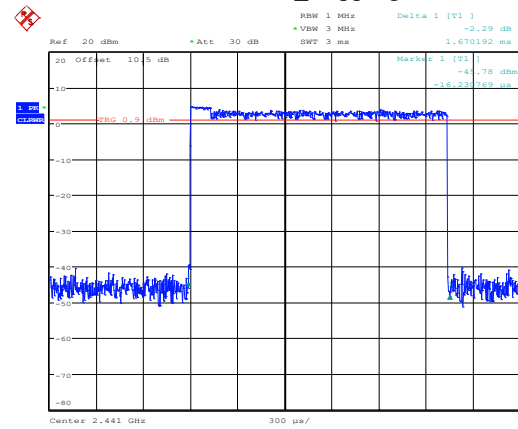
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 09:57:12

2DH3_Hopping



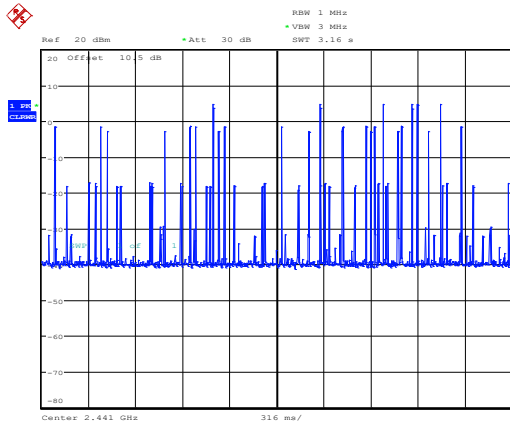
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 09:57:33

2DH3_Hopping



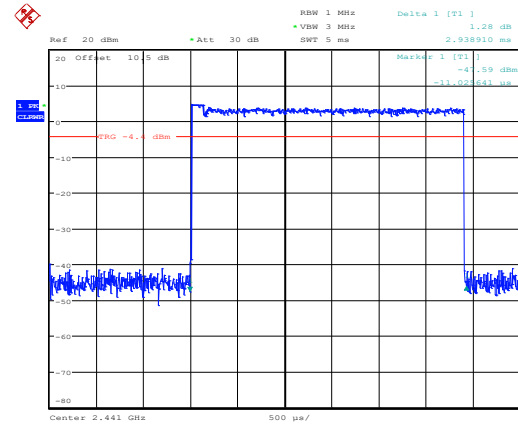
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 09:58:18

2DH5_Hopping



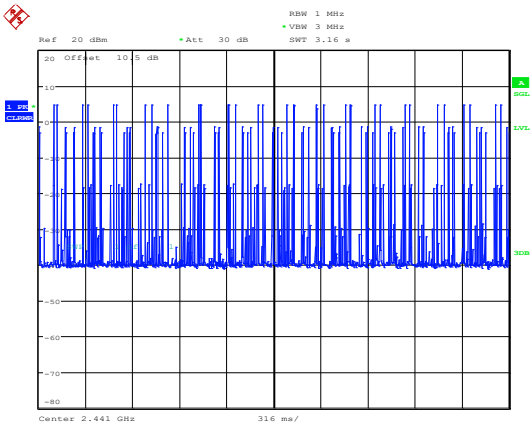
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 09:58:39

2DH5_Hopping



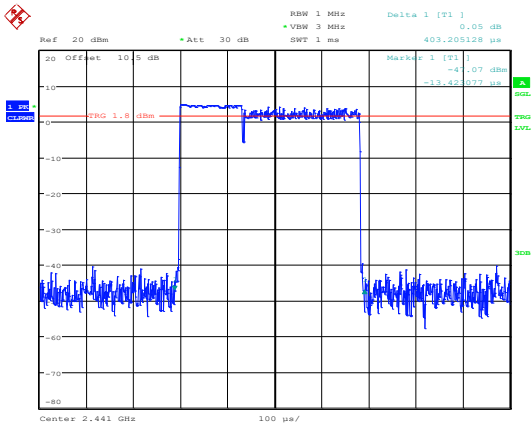
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 09:59:30

3DH1_Hopping



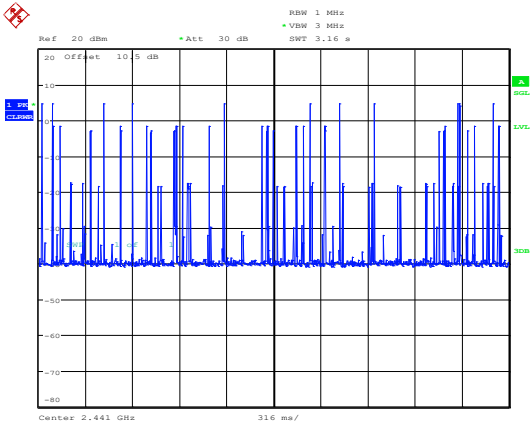
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 09:59:53

3DH1_Hopping



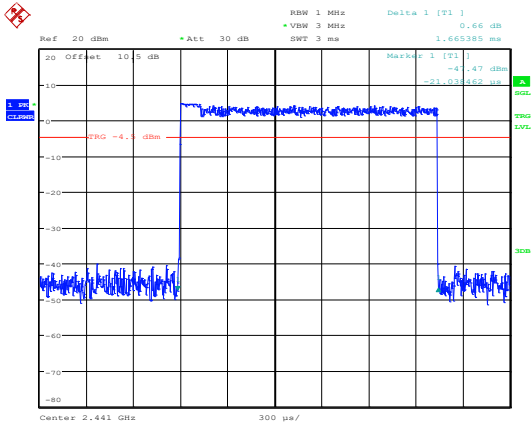
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:00:35

3DH3_Hopping



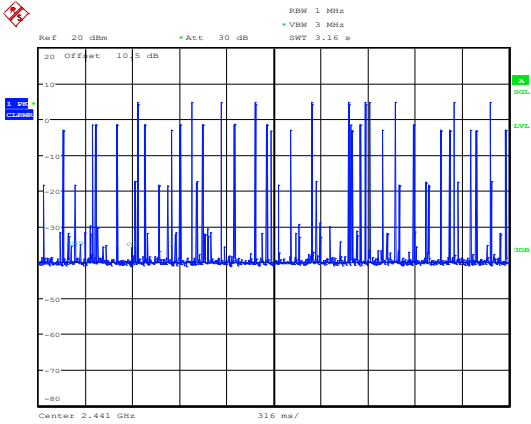
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:00:57

3DH3_Hopping



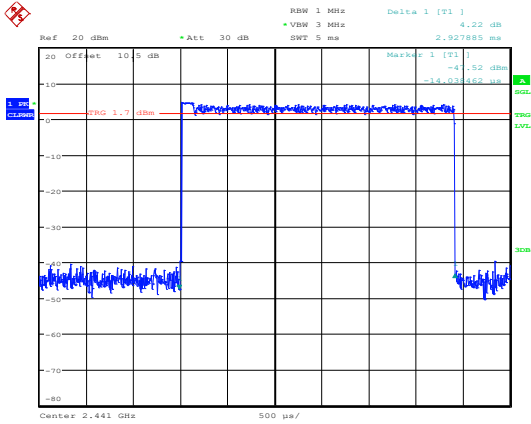
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:01:54

3DH5_Hopping



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:02:17

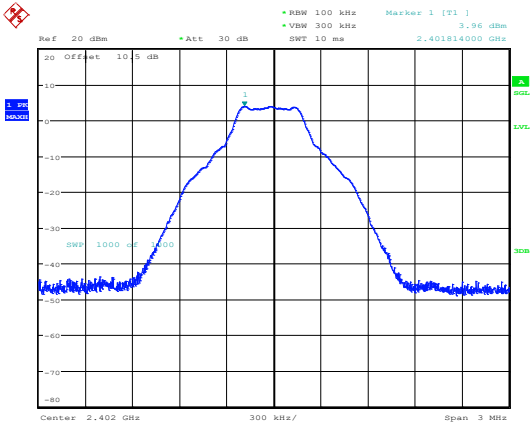
3DH5_Hopping



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:03:01

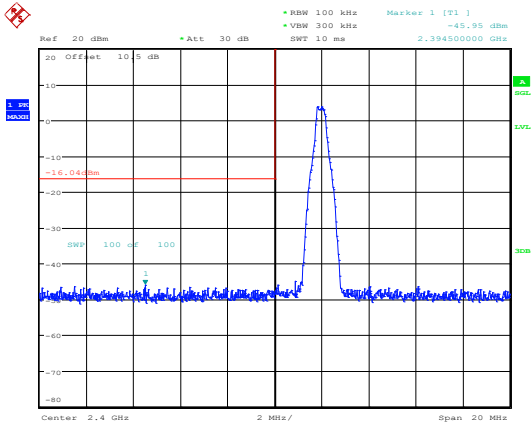
Conducted Spurious Emission

DH1_Low_Reference Level



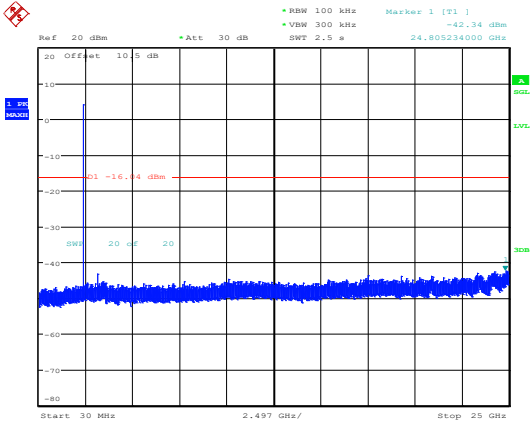
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:40:59

DH1_Low



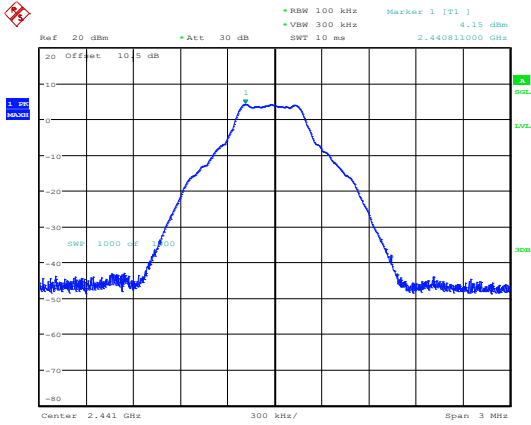
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:41:14

DH1_Low



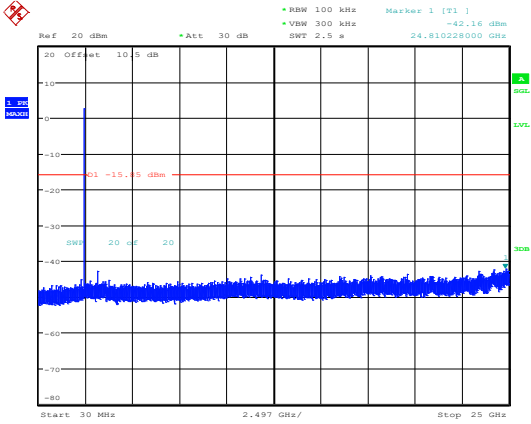
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:42:23

DH1_Middle_Reference Level



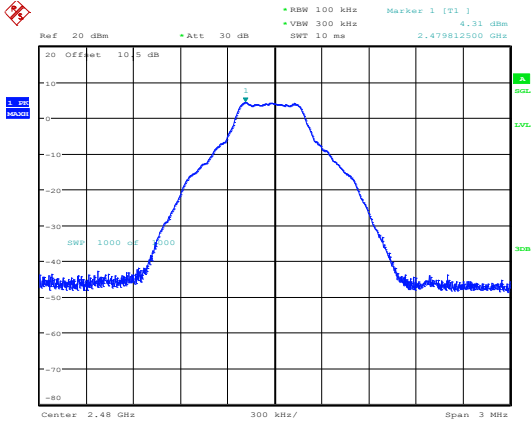
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:43:38

DH1_Middle



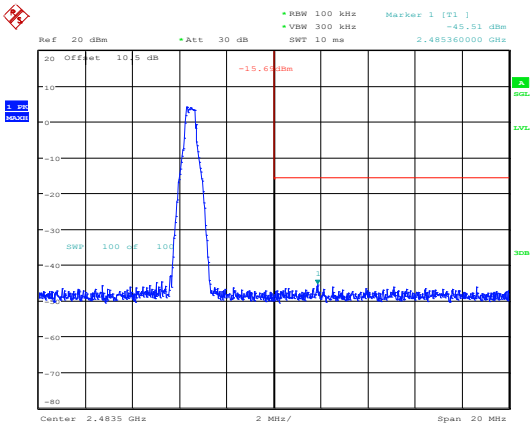
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:44:40

DH1_High_Reference Level



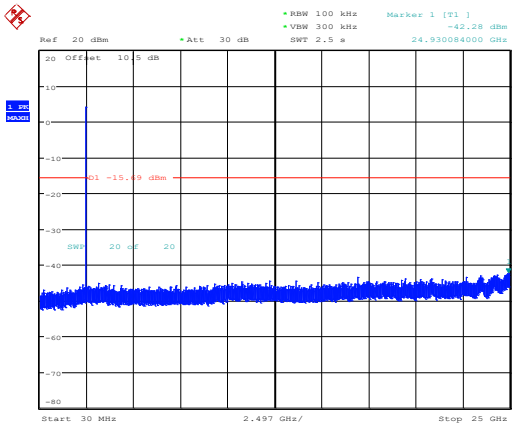
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:46:00

DH1_High



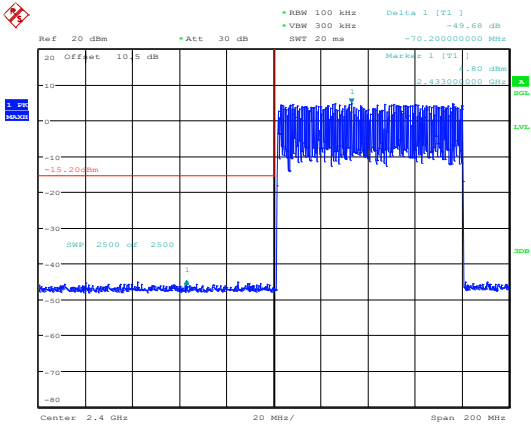
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:46:15

DH1_High



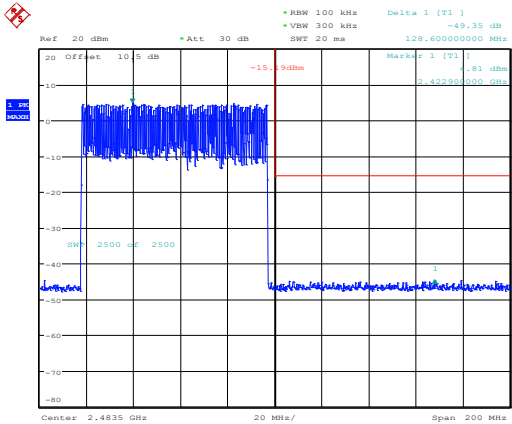
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:47:15

DH1_Hopping_Lower



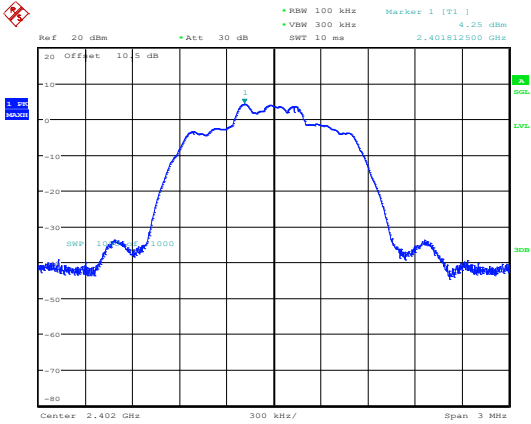
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:22:51

DH1_Hopping_Upper



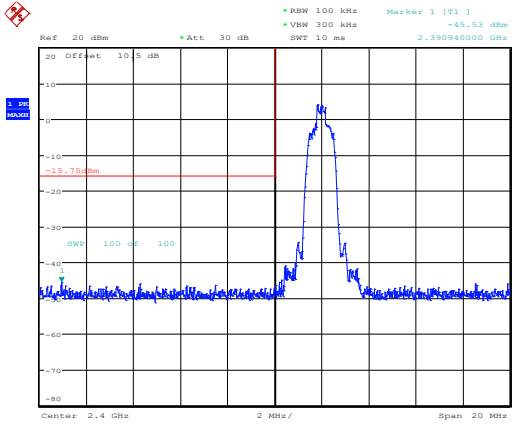
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:25:08

2DH1_Low_Reference Level



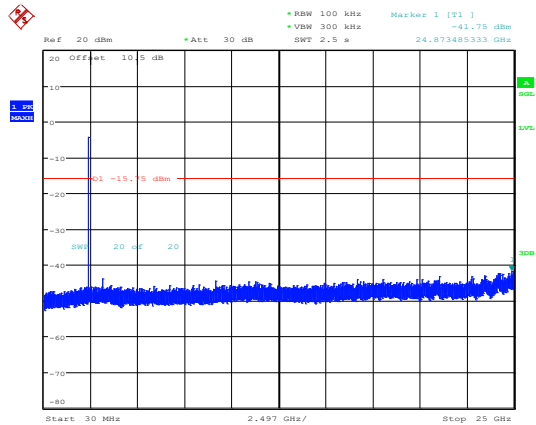
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:48:33

2DH1_Low



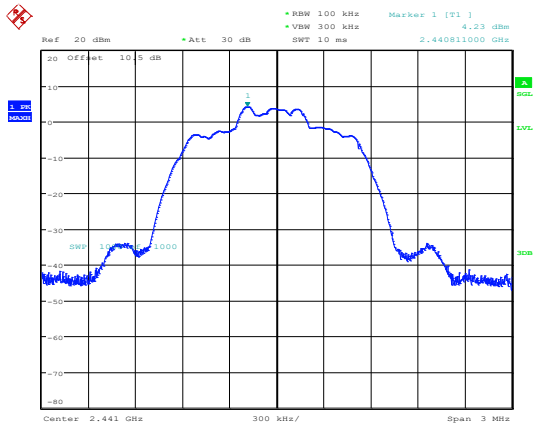
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:48:49

2DH1_Low



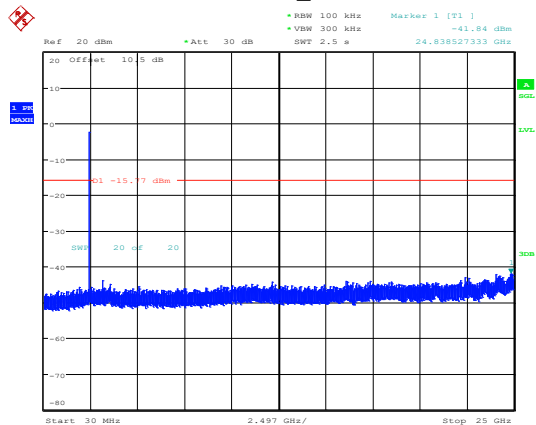
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:49:49

2DH1_Middle Reference Level



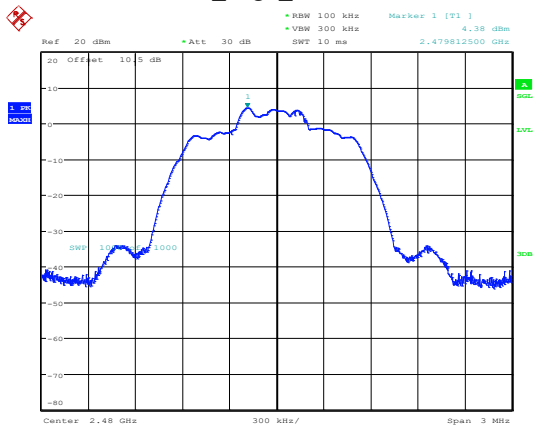
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:51:02

2DH1_Middle



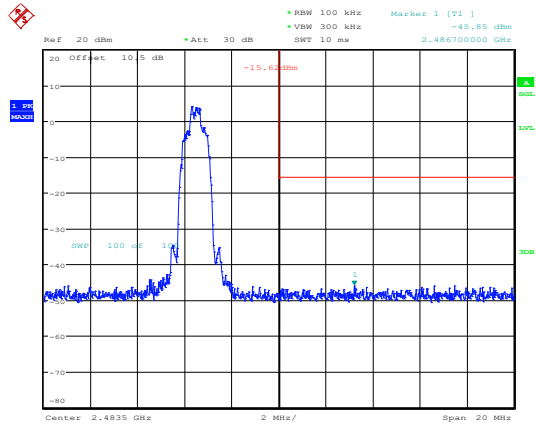
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:52:04

2DH1_High_Reference Level



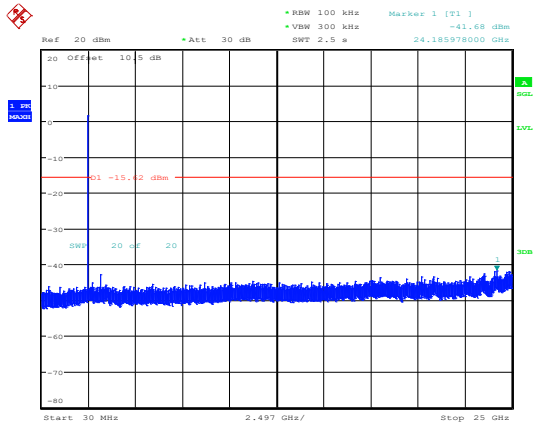
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:53:24

2DH1_High



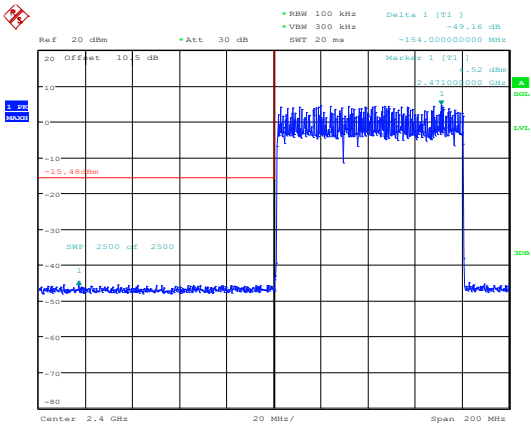
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:53:39

2DH1_High



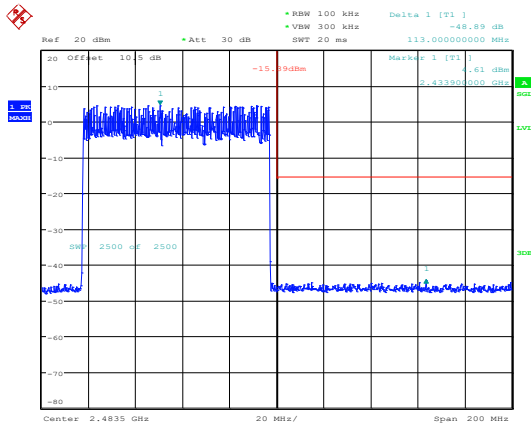
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:54:39

2DH1_Hopping_Lower



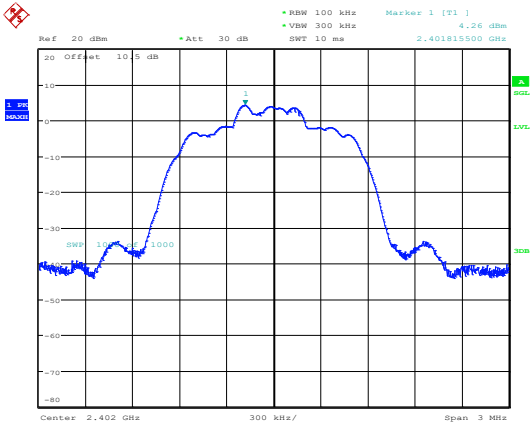
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:27:32

2DH1_Hopping_Upper



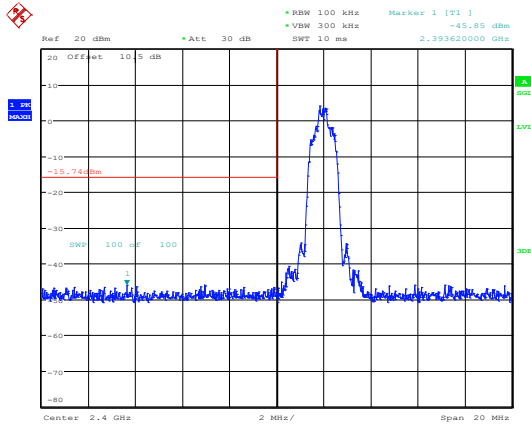
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:29:45

3DH1_Low_Reference Level



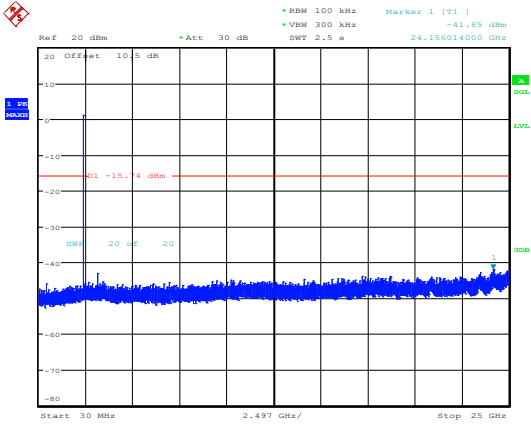
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:55:58

3DH1_Low



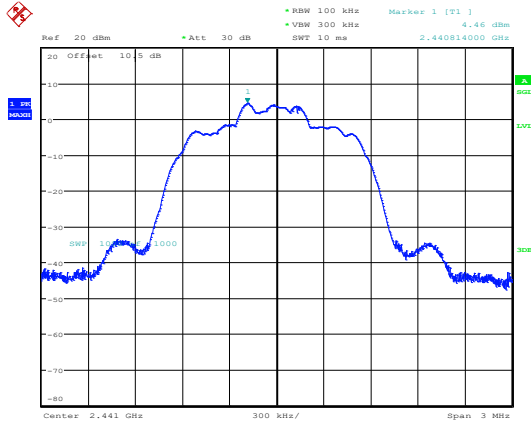
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:56:13

3DH1_Low



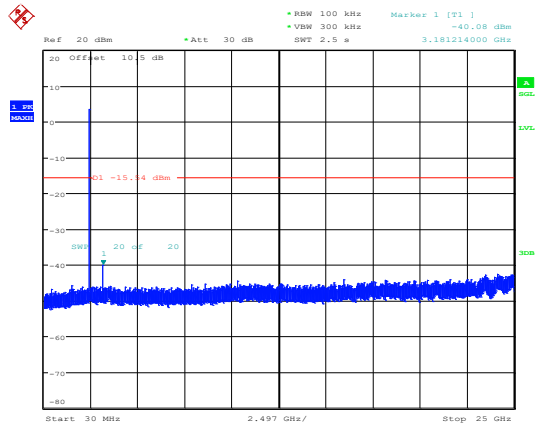
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:57:13

3DH1_Middle_Reference Level



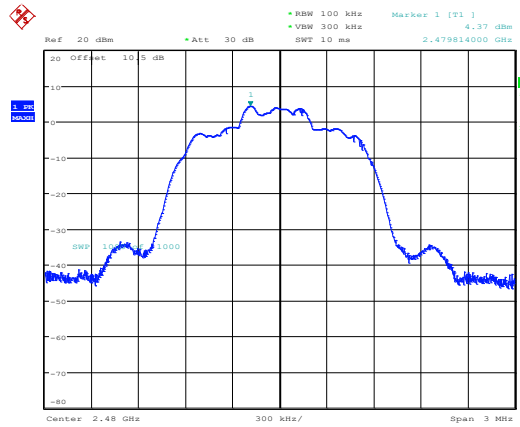
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:58:30

3DH1_Middle



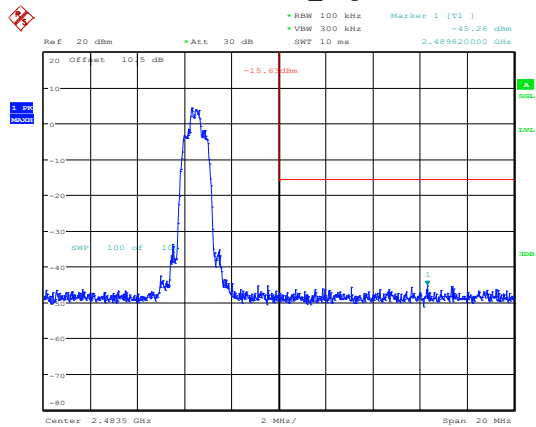
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:59:31

3DH1_High_Reference Level



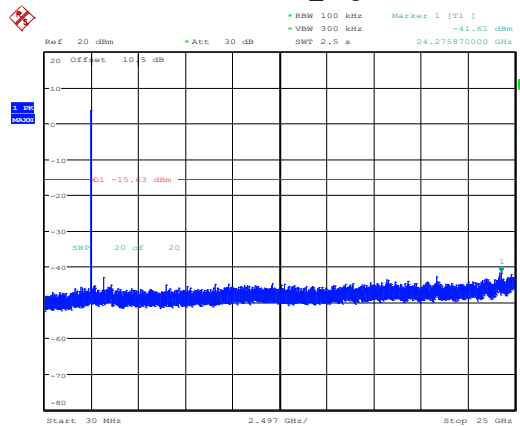
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:00:40

3DH1_High



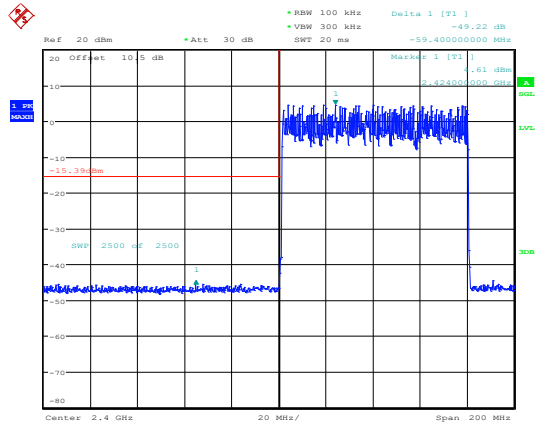
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Date: 27.AUG.2025 11:00:55

3DH1_High



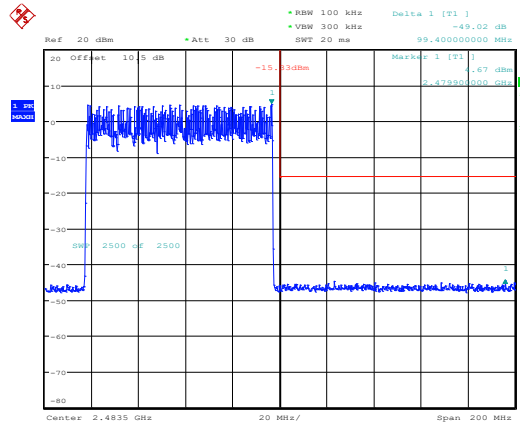
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:01:57

3DH1_Hopping_Lower



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:32:08

3DH1_Hopping_Upper



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 10:39:12

**** END ****