

Appendix A

Test Information:

|             |             |              |                       |
|-------------|-------------|--------------|-----------------------|
| Sample No.: | 31AX-1      | Test Date:   | 2025/04/21~2025/06/27 |
| Test Site:  | RF          | Test Mode:   | Transmitting          |
| Tester:     | Lingling Li | Test Result: | Pass                  |

Environmental Conditions:

|                      |           |                           |       |                        |             |
|----------------------|-----------|---------------------------|-------|------------------------|-------------|
| Temperature:<br>(°C) | 25.1-25.8 | Relative Humidity:<br>(%) | 61-63 | ATM Pressure:<br>(kPa) | 100.6-101.6 |
|----------------------|-----------|---------------------------|-------|------------------------|-------------|

Test Equipment List and Details:

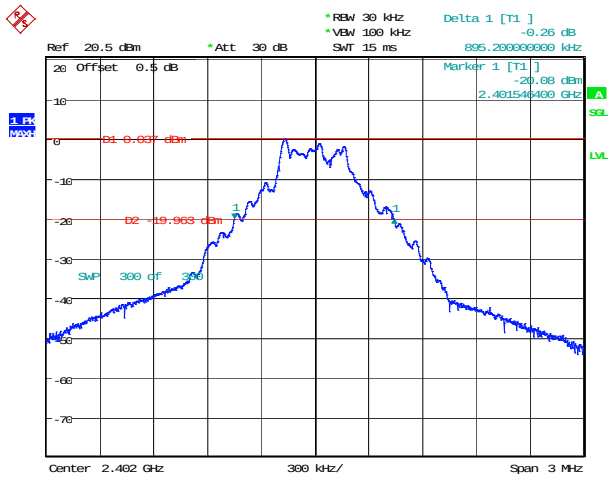
| Manufacturer | Description       | Model | Serial Number | Calibration Date | Calibration Due Date |
|--------------|-------------------|-------|---------------|------------------|----------------------|
| R&S          | Spectrum Analyzer | FSU26 | 100147        | 2025/03/31       | 2026/03/30           |
| R&S          | Spectrum Analyzer | FSU26 | 200256        | 2025/03/31       | 2026/03/30           |

\* 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**

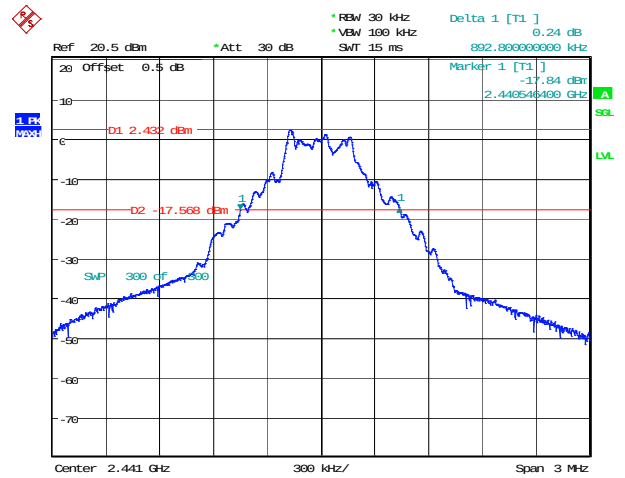
| Mode | Channel | Result (MHz) |
|------|---------|--------------|
| DH1  | Low     | 0.895        |
|      | Middle  | 0.893        |
|      | High    | 0.898        |
| 2DH1 | Low     | 1.289        |
|      | Middle  | 1.270        |
|      | High    | 1.270        |
| 3DH1 | Low     | 1.270        |
|      | Middle  | 1.270        |
|      | High    | 1.272        |

DH1\_Low



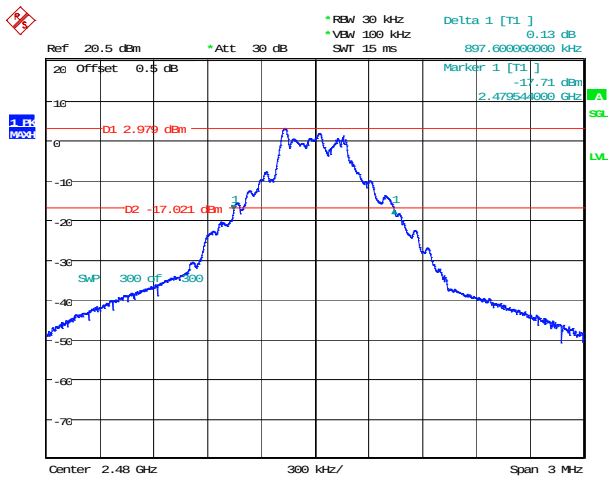
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 21.APR.2025 15:53:58

DH1\_Middle



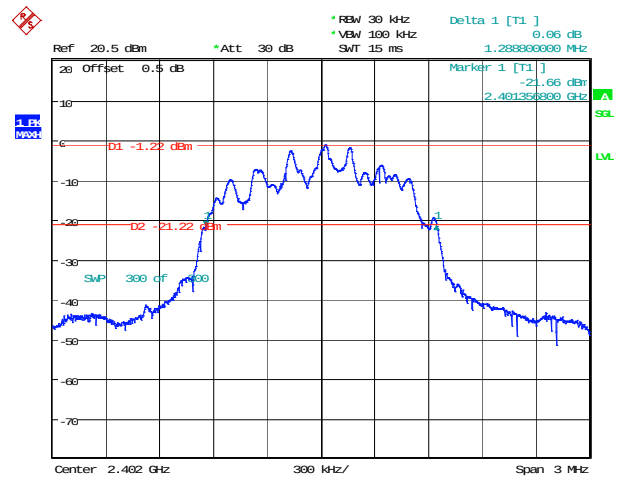
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 21.APR.2025 16:10:21

DH1\_High



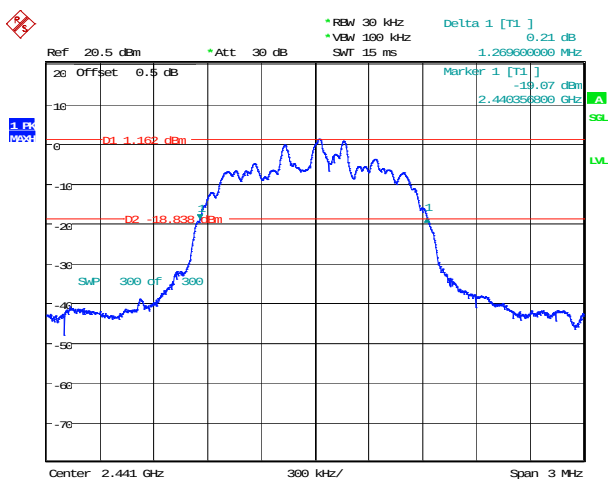
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 21.APR.2025 16:15:00

2DH1\_Low



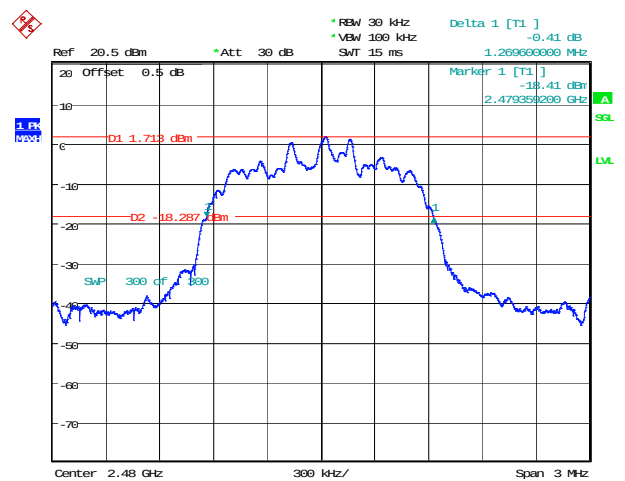
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 21.APR.2025 16:21:22

2DH1\_Middle



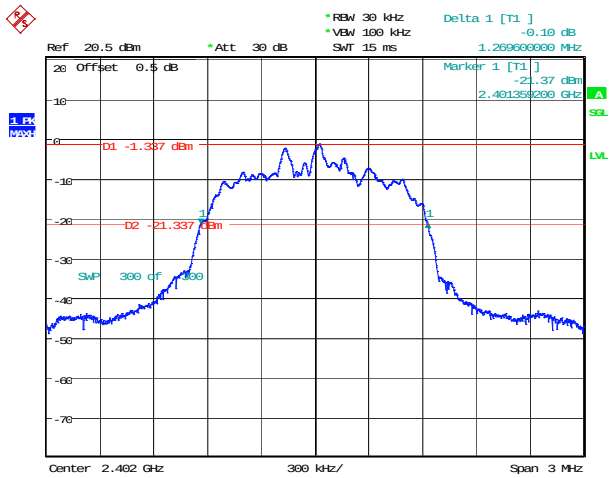
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 21.APR.2025 16:31:03

2DH1\_High



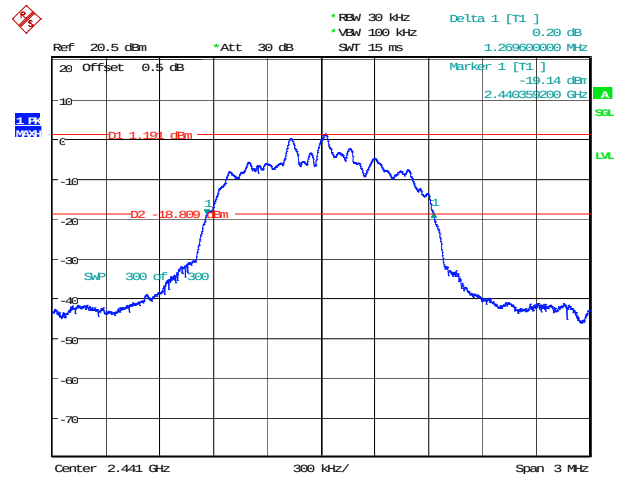
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 21.APR.2025 17:02:59

3DH1\_Low



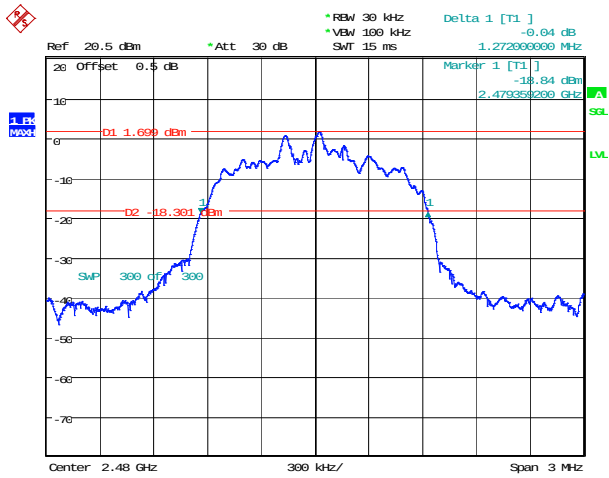
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 21.APR.2025 16:51:19

3DH1\_Middle



Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 21.APR.2025 16:55:45

3DH1\_High

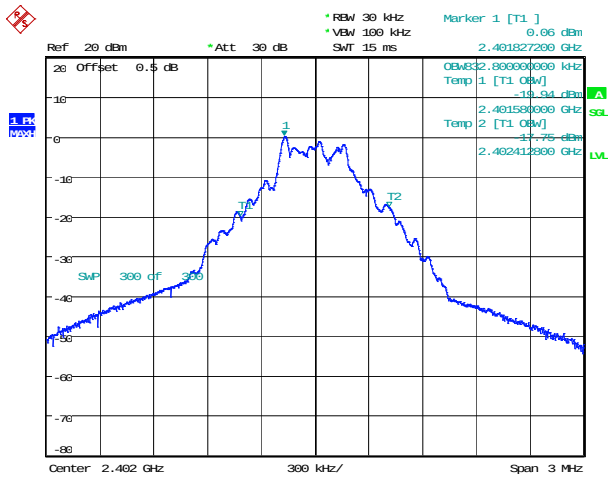


Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 21.APR.2025 16:57:16

**99% Occupied Bandwidth**

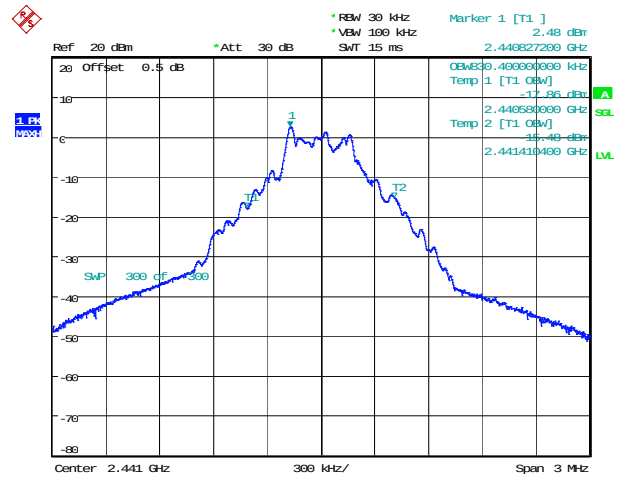
| Mode | Channel | 99% OBW<br>(MHz) |
|------|---------|------------------|
| DH1  | Low     | 0.833            |
|      | Middle  | 0.830            |
|      | High    | 0.830            |
| 2DH1 | Low     | 1.150            |
|      | Middle  | 1.169            |
|      | High    | 1.075            |
| 3DH1 | Low     | 1.166            |
|      | Middle  | 1.164            |
|      | High    | 1.164            |

DH1\_Low



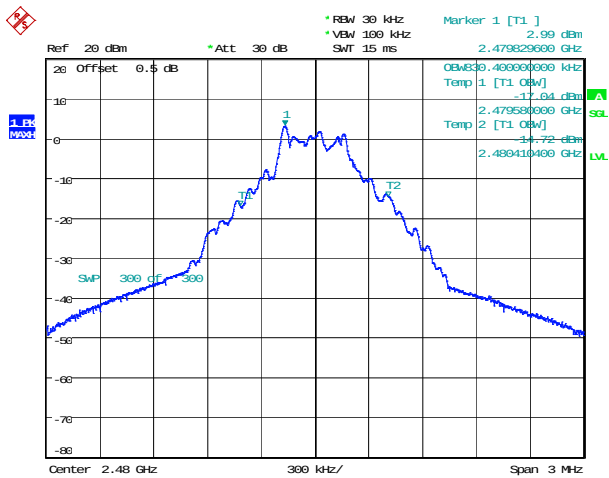
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
 Date: 21.APR.2025 15:56:33

DH1\_Middle



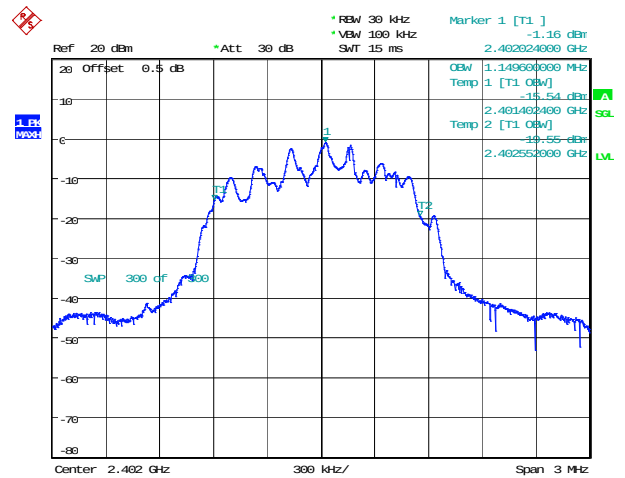
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
 Date: 21.APR.2025 16:10:51

DH1\_High



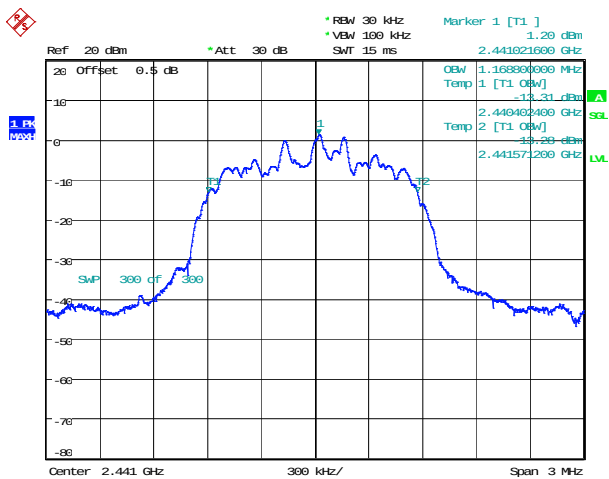
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
 Date: 21.APR.2025 16:18:03

2DH1\_Low



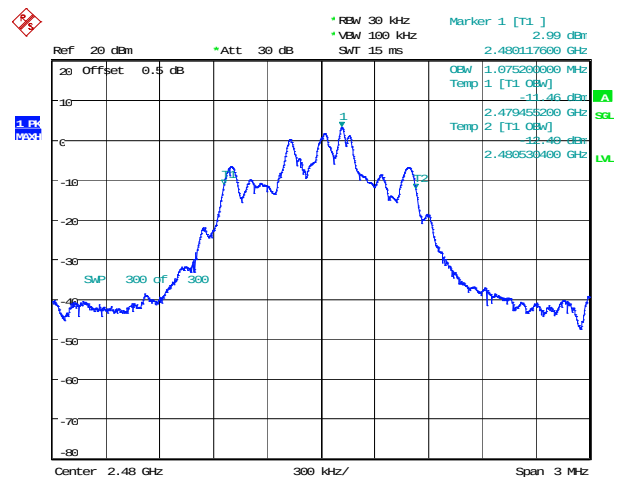
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
 Date: 21.APR.2025 16:23:57

2DH1\_Middle



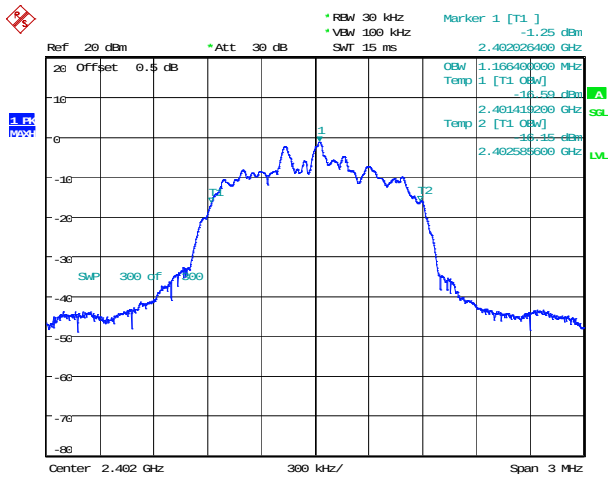
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
 Date: 21.APR.2025 16:31:33

2DH1\_High



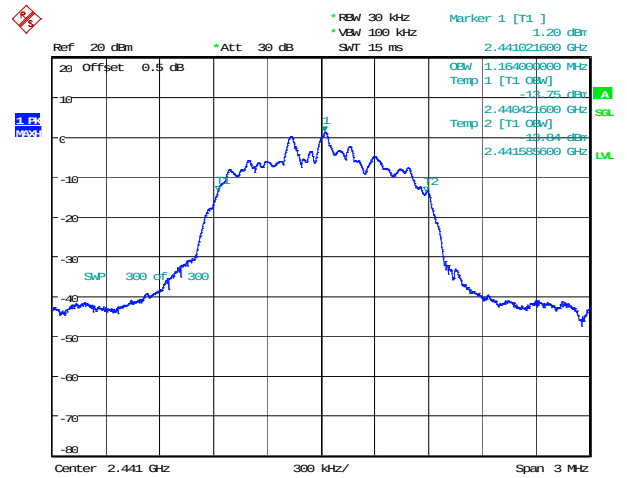
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
 Date: 21.APR.2025 16:46:48

3DH1\_Low



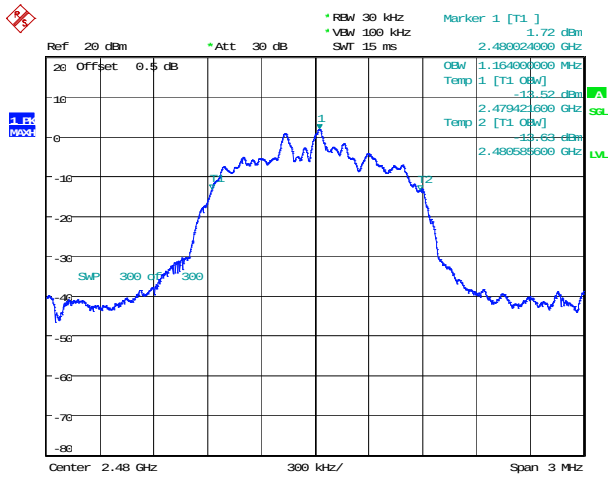
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 21.APR.2025 16:53:57

3DH1\_Middle



Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 21.APR.2025 16:56:14

3DH1\_High



Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 21.APR.2025 17:00:16

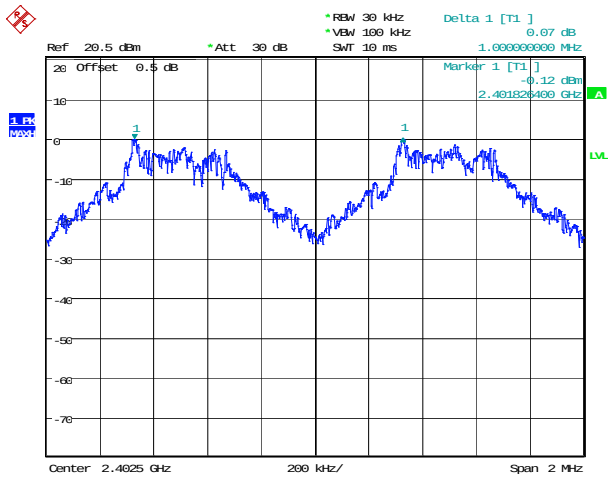
**Channel Separation**

| Mode | Channel | Result (MHz) | Limit (MHz) | Verdict |
|------|---------|--------------|-------------|---------|
| DH1  | Low     | 1            | 0.859       | Pass    |
|      | Middle  | 0.994        | 0.859       | Pass    |
|      | High    | 1            | 0.859       | 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.

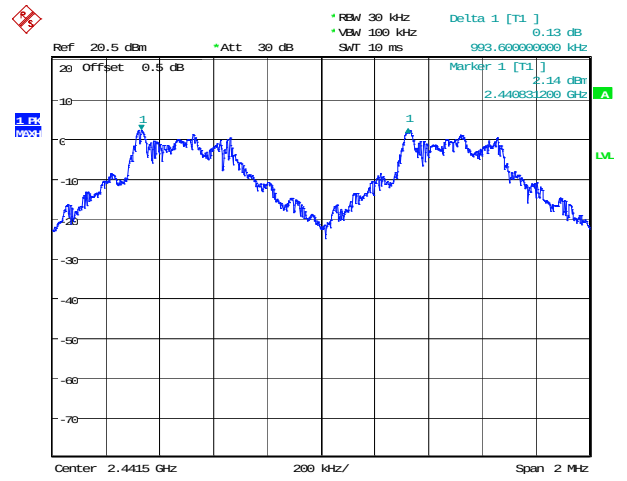


DH1\_Low



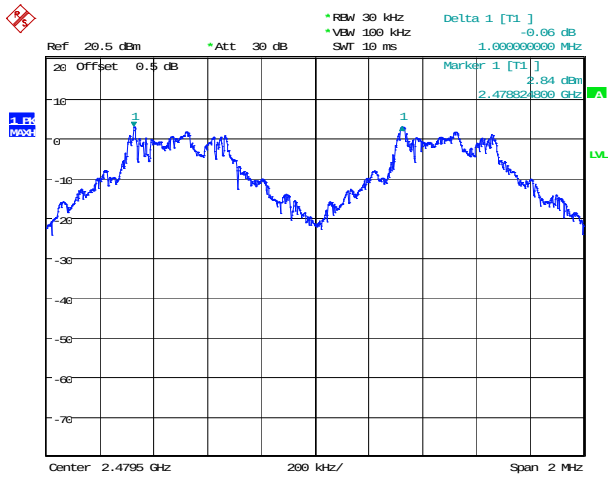
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 22.APR.2025 10:05:52

DH1\_Middle



Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 22.APR.2025 10:15:25

DH1\_High



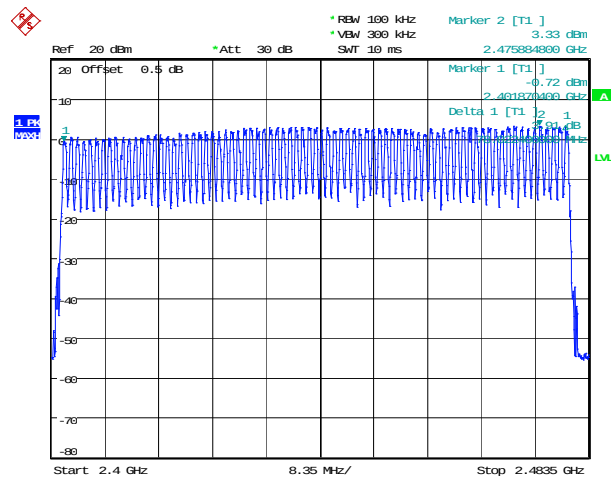
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 22.APR.2025 10:21:51

**Number of Hopping Frequency**

| Mode | Channel | Result | Limit | Verdict |
|------|---------|--------|-------|---------|
| 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.

## DH1\_Hopping

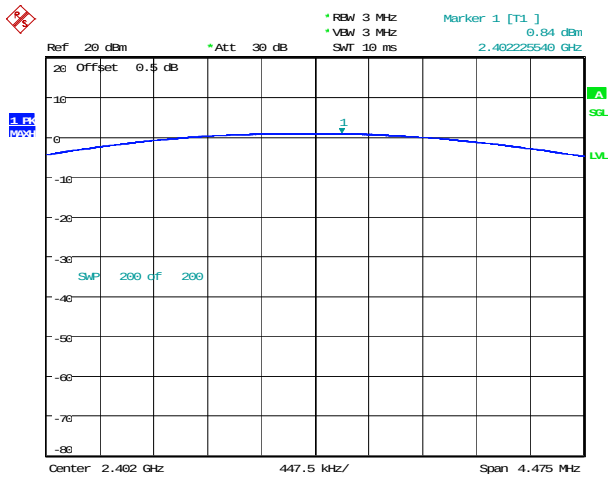


Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 27.APR.2025 10:00:58

**Maximum Conducted Output Power**

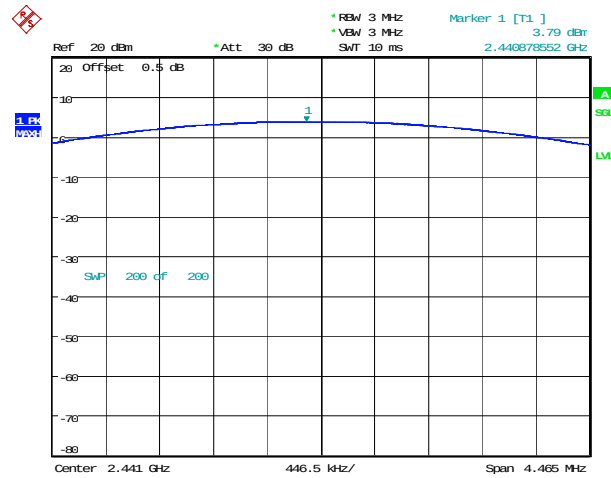
| Mode | Test Frequency (MHz) | Peak Output Power (dBm) | Limit (dBm) | Verdict |
|------|----------------------|-------------------------|-------------|---------|
| DH1  | 2402                 | 0.84                    | 21.00       | Pass    |
|      | 2441                 | 3.79                    | 21.00       | Pass    |
|      | 2480                 | 4.29                    | 21.00       | Pass    |
| 2DH1 | 2402                 | 3.18                    | 21.00       | Pass    |
|      | 2441                 | 5.59                    | 21.00       | Pass    |
|      | 2480                 | 6.00                    | 21.00       | Pass    |
| 3DH1 | 2402                 | 3.72                    | 21.00       | Pass    |
|      | 2441                 | 6.08                    | 21.00       | Pass    |
|      | 2480                 | 6.50                    | 21.00       | Pass    |

DH1\_Low



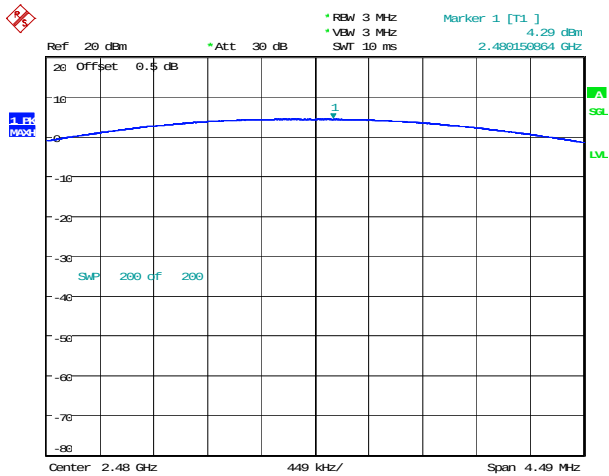
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 27.APR.2025 10:26:07

DH1\_Middle



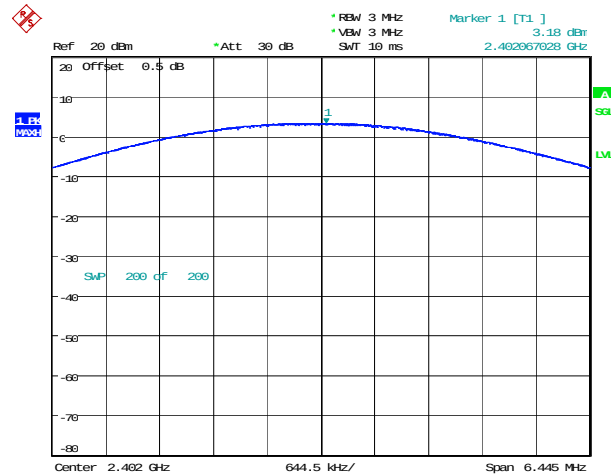
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 21.APR.2025 16:11:28

DH1\_High



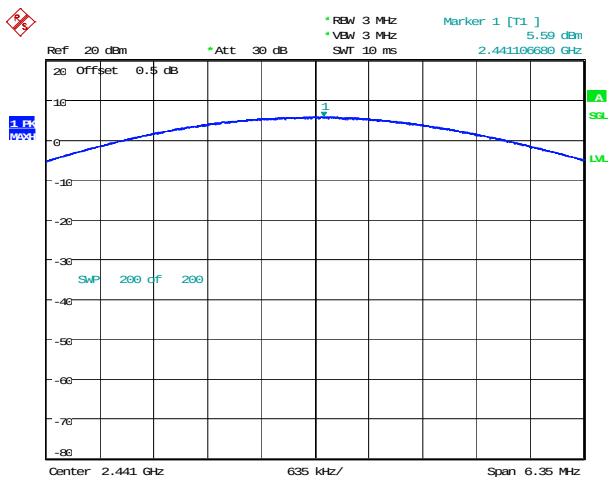
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 21.APR.2025 16:18:26

2DH1\_Low



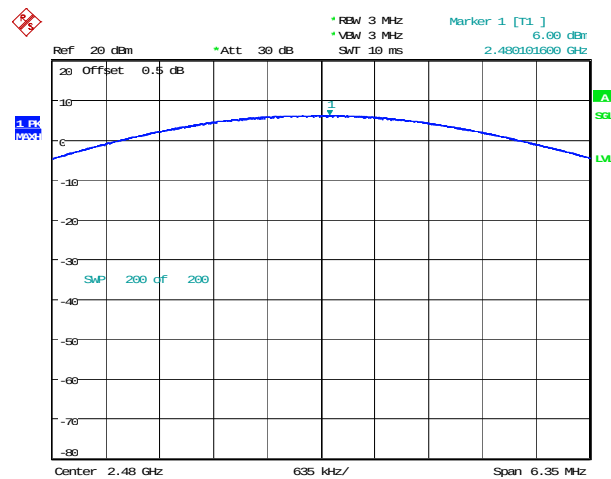
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 21.APR.2025 16:24:16

2DH1\_Middle



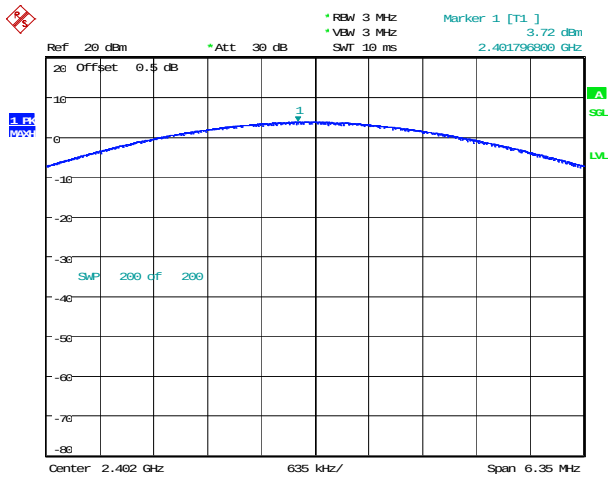
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 21.APR.2025 16:31:54

2DH1\_High



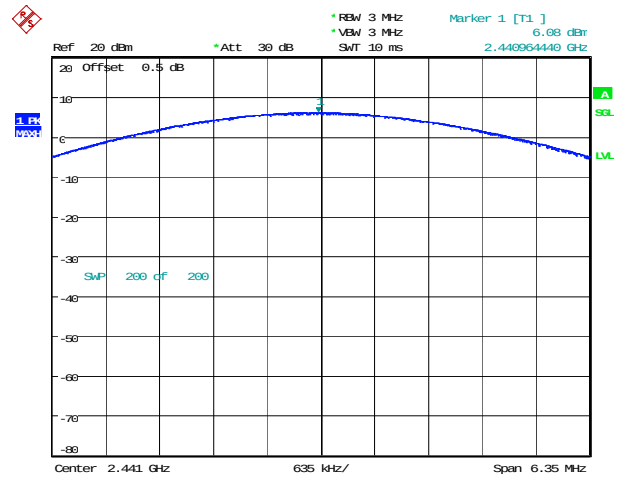
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 21.APR.2025 17:03:21

3DH1\_Low



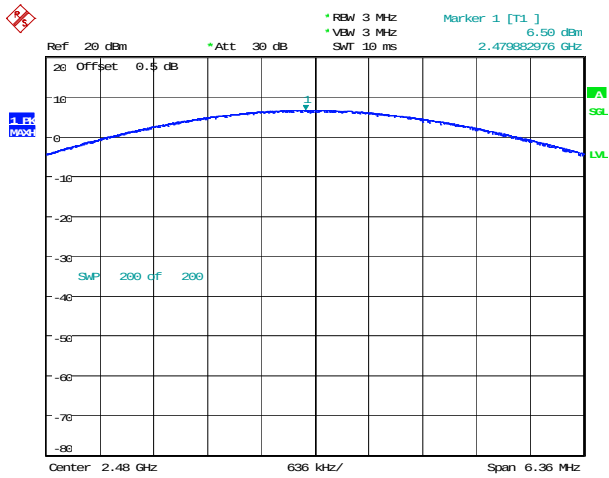
Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 21.APR.2025 16:54:18

3DH1\_Middle



Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 21.APR.2025 16:56:34

3DH1\_High

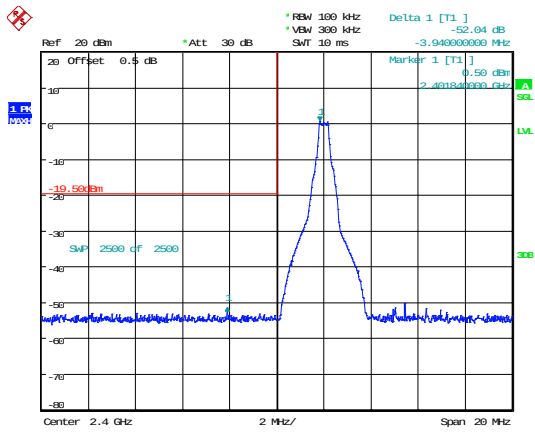


Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 21.APR.2025 17:00:36

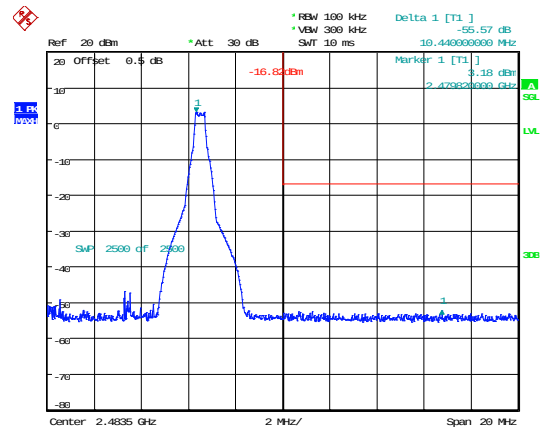
**100 kHz Bandwidth of Frequency Band Edge**

| Mode | Channel       | Result (dB) | Limit (dB) | Verdict |
|------|---------------|-------------|------------|---------|
| DH1  | Low           | 52.04       | 20.00      | Pass    |
|      | High          | 55.57       | 20.00      | Pass    |
|      | Hopping_Lower | 55.41       | 20.00      | Pass    |
|      | Hopping_Upper | 55.39       | 20.00      | Pass    |
| 2DH1 | Low           | 53.16       | 20.00      | Pass    |
|      | High          | 55.08       | 20.00      | Pass    |
|      | Hopping_Lower | 55.41       | 20.00      | Pass    |
|      | Hopping_Upper | 55.36       | 20.00      | Pass    |
| 3DH1 | Low           | 52.79       | 20.00      | Pass    |
|      | High          | 54.66       | 20.00      | Pass    |
|      | Hopping_Lower | 55.78       | 20.00      | Pass    |
|      | Hopping_Upper | 55.36       | 20.00      | Pass    |

DH1\_Low



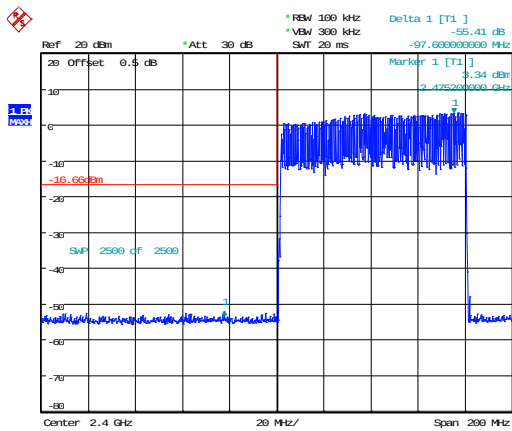
DH1\_High



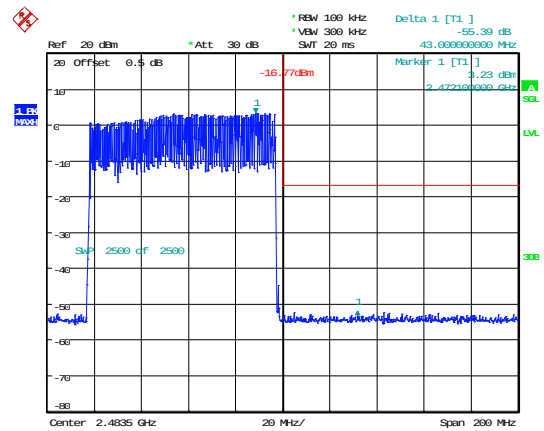
ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 27.JUN.2025 11:34:41

ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 27.JUN.2025 11:38:34

DH1\_Hopping\_Lower



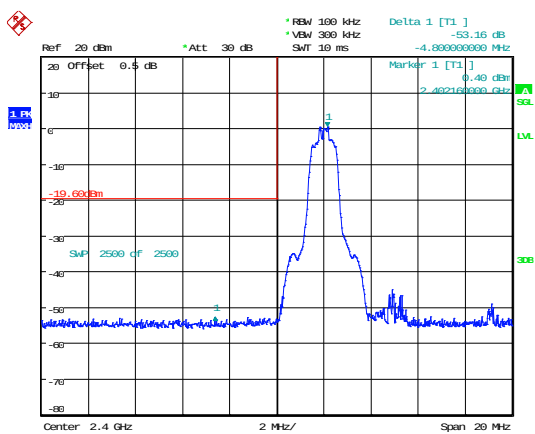
DH1\_Hopping\_Upper



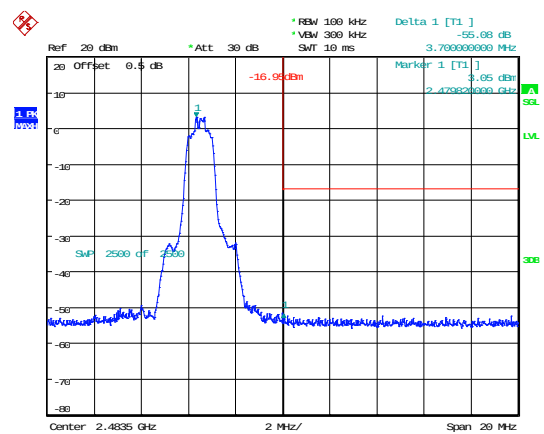
ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 27.JUN.2025 11:21:09

ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 27.JUN.2025 11:38:47

2DH1\_Low



2DH1\_High

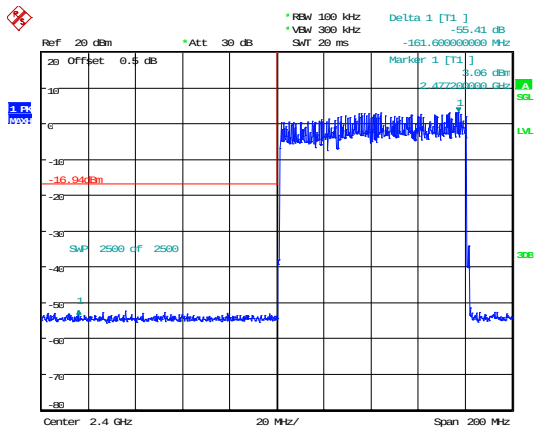


ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 27.JUN.2025 13:06:53

ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 27.JUN.2025 13:10:45

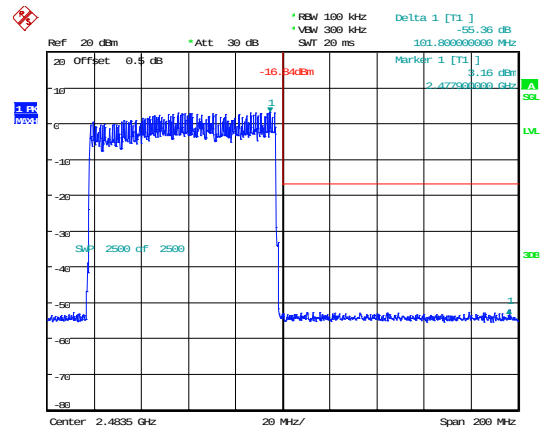


2DH1\_Hopping\_Lower



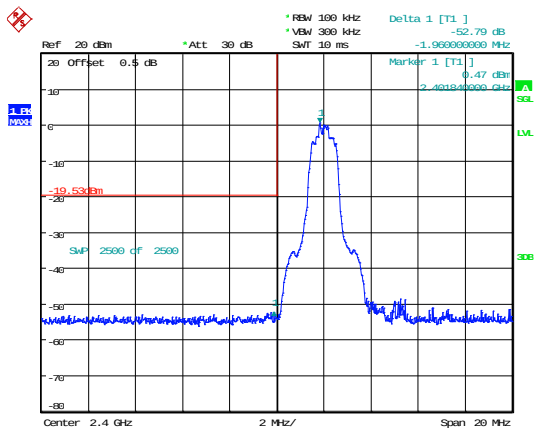
ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 27.JUN.2025 11:42:28

2DH1\_Hopping\_Upper



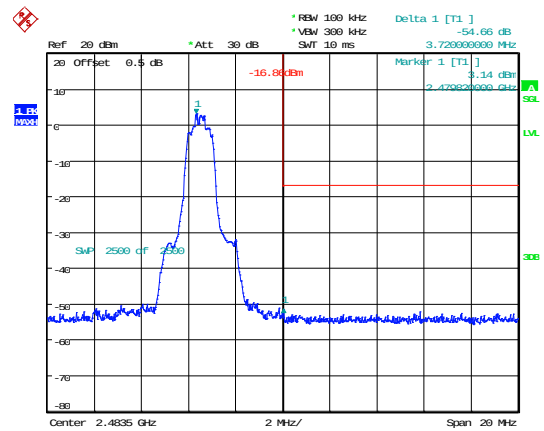
ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 27.JUN.2025 11:57:15

3DH1\_Low



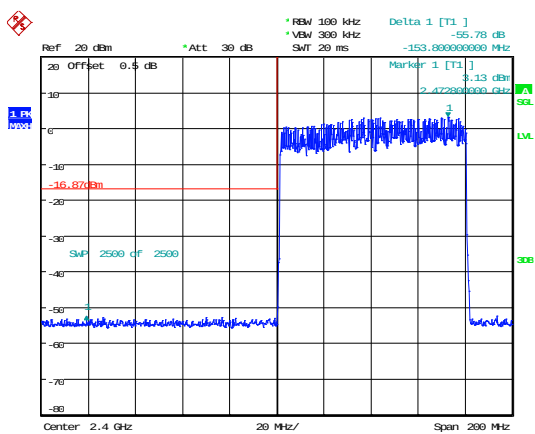
ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 27.JUN.2025 13:21:37

3DH1\_High



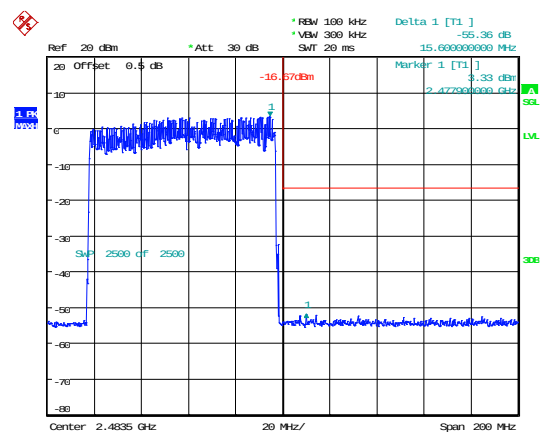
ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 27.JUN.2025 13:25:26

3DH1\_Hopping\_Lower



ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 27.JUN.2025 13:14:30

3DH1\_Hopping\_Upper



ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 27.JUN.2025 13:17:50

**Time of Occupancy (dwell time)**

| Mode | Channel | Pulse width (ms) | Dwell time (s) | Limit (s) | Verdict |
|------|---------|------------------|----------------|-----------|---------|
| DH1  | Hopping | 0.408            | 0.131          | 0.400     | Pass    |
| DH3  | Hopping | 1.668            | 0.267          | 0.400     | Pass    |
| DH5  | Hopping | 2.924            | 0.312          | 0.400     | Pass    |
| 2DH1 | Hopping | 0.402            | 0.129          | 0.400     | Pass    |
| 2DH3 | Hopping | 1.658            | 0.265          | 0.400     | Pass    |
| 2DH5 | Hopping | 2.912            | 0.311          | 0.400     | Pass    |
| 3DH1 | Hopping | 0.401            | 0.128          | 0.400     | Pass    |
| 3DH3 | Hopping | 1.656            | 0.265          | 0.400     | Pass    |
| 3DH5 | Hopping | 2.916            | 0.311          | 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**

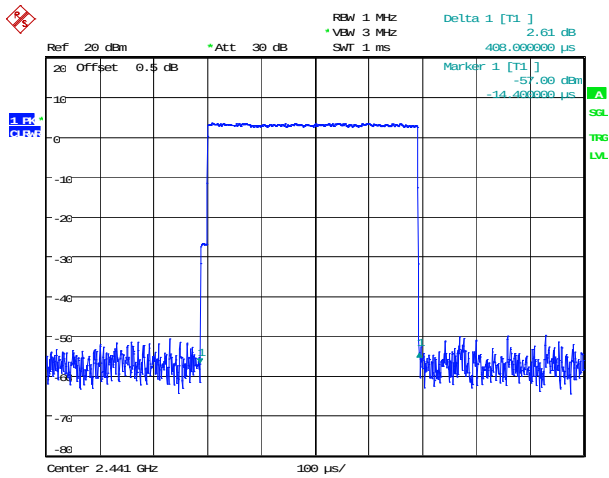
**2DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s**

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

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

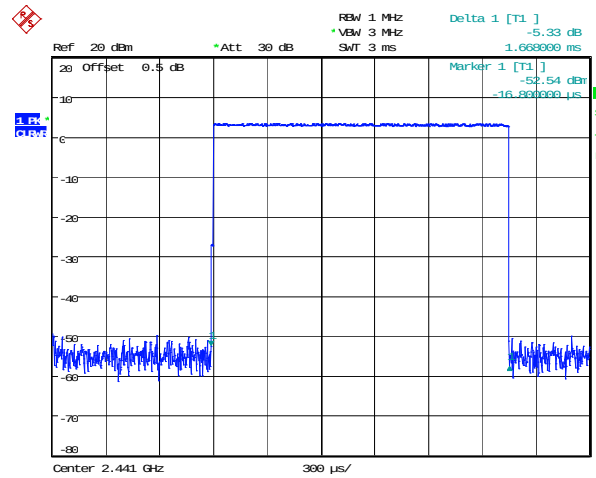
**3DH5: Dwell time=Pulse width (ms) × (1600/6/79) ×31.6 s**

DH1\_Hopping



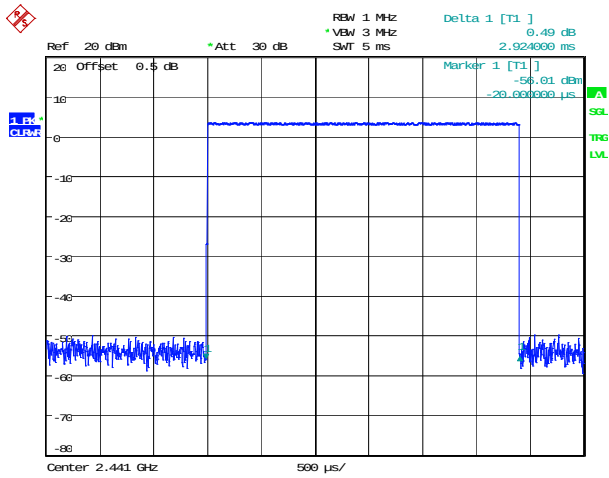
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 22.APR.2025 11:26:29

DH3\_Hopping



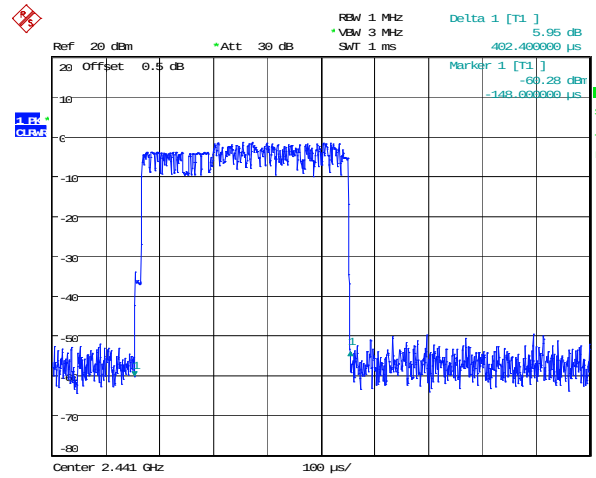
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 22.APR.2025 11:27:19

DH5\_Hopping



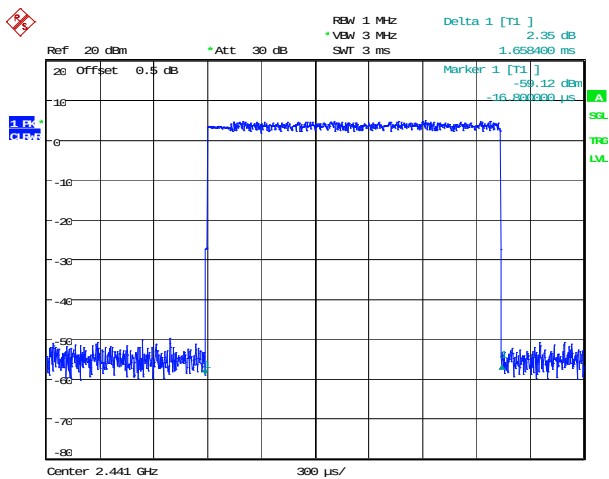
Comment: ProjectNo.:2503S02963E-RF Tester:LingLing Li  
Date: 22.APR.2025 11:51:30

2DH1\_Hopping



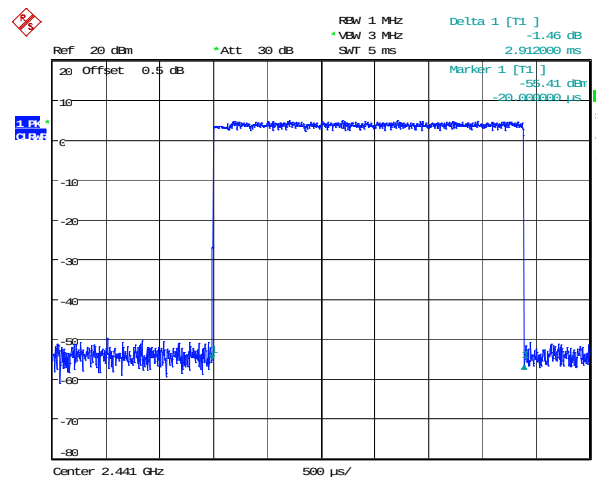
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2DH3\_Hopping



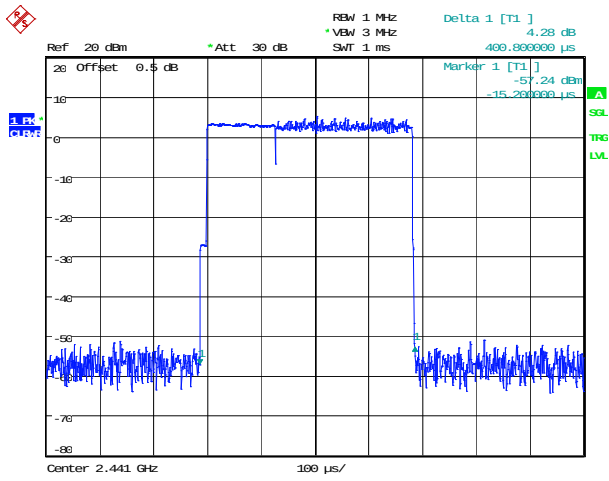
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2DH5\_Hopping



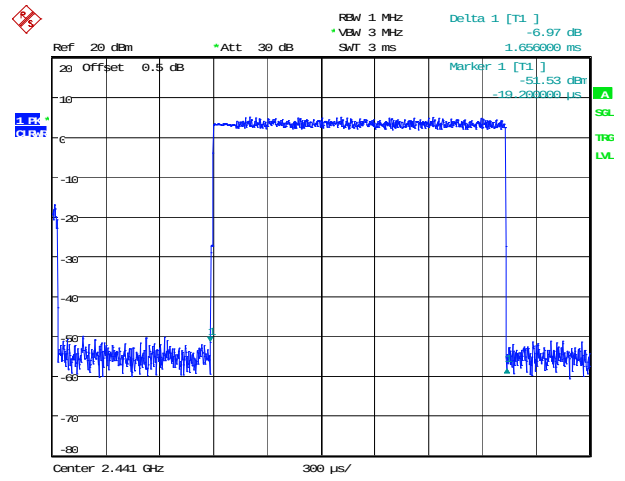
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## 3DH1\_Hopping



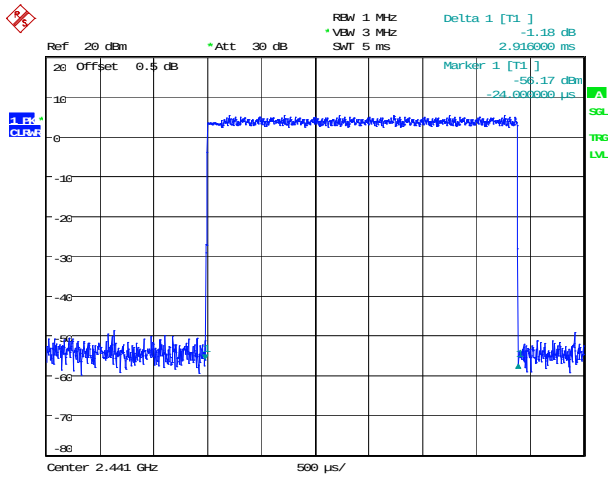
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## 3DH3\_Hopping



Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 22.APR.2025 11:33:32

## 3DH5\_Hopping



Comment: ProjectNo.:2503S02963E-RF Tester:Lingling Li  
Date: 22.APR.2025 11:34:33

\*\*\*\*\* END \*\*\*\*\*