```
Project No.: 2407W89604E-RF          Temp/Humi/ATM: 23.6℃/56%/100.1kPa
Test Mode: 3DH1-2480                 Tested by: Wlif Wu
EUT Model: SLM927                    Power Source: AC 120V/60Hz
Test distance: 3m
```
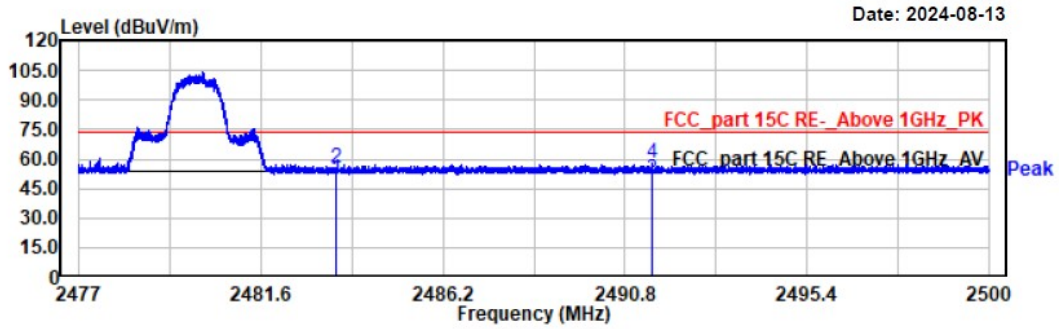

| Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	11.73	37.75	49.48	54.00	4.52	vertical	Average
2483.50	17.59	37.75	55.34	74.00	18.66	vertical	Peak
2491.48	11.65	37.90	49.55	54.00	4.45	vertical	Average
2491.48	20.08	37.90	57.98	74.00	16.02	vertical	Peak

FCC §15.247(b) (1) –SPOT CHECK PEAK OUTPUT POWER MEASUREMENT

Applicable Standard

According to §15.247(b) (1), for frequency hopping systems operating in the 2400–2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. And for all other frequency hopping systems in the 2400–2483.5 MHz band: 0.125 watts.
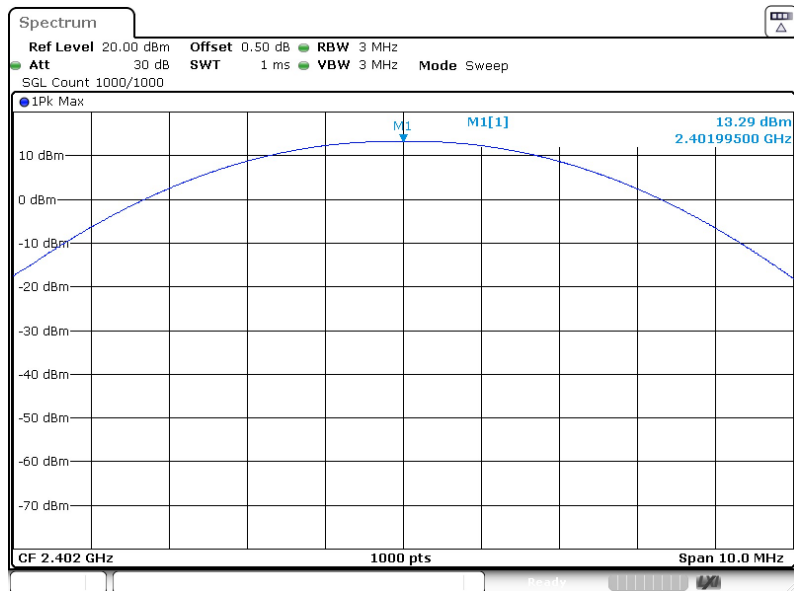
EUT Setup
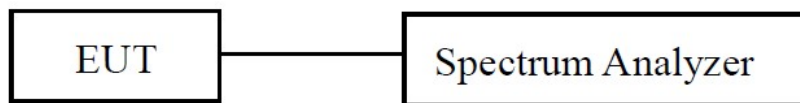
Test Procedure

a. Use the following spectrum analyzer settings:
      1) Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel.
      2) RBW > 20 dB bandwidth of the emission being measured.
      3) VBW ≥ RBW.
      4) Sweep: Auto.
      5) Detector function: Peak.
      6) Trace: Max hold.
b. Allow trace to stabilize.
c. Use the marker-to-peak function to set the marker to the peak of the emission.
d. The indicated level is the peak output power, after any corrections for external attenuators and cables.
e. A plot of the test results and setup description shall be included in the test report.

Test Data

Test Mode：	Transmitting	Test Engineer:	Ash Lin
Test Date:	2024-09-13	Test Voltage：	DC 3.8V
Test Result:	Compliance	Environment:	Temp.: 24.5℃ Humi.: 55% Atm.:100.2kPa

Test Modes	Test Frequency (MHz)	Peak Conducted Output Power (dBm)	Limits (dBm)
BDR Mode (GFSK)	2402	13.29	21
	2441	13.70	21
	2480	13.09	21
EDR Mode (π/4-DQPSK)	2402	12.70	21
	2441	12.91	21
	2480	12.68	21
EDR Mode (8DPSK)	2402	12.97	21
	2441	13.20	21
	2480	12.89	21

BDR(GFSK): 2402MHz

BDR(GFSK): 2441MHz

```
Spectrum

Ref Level  20.00 dBm   Offset  0.50 dB  ● RBW  3 MHz
● Att          30 dB   SWT        1 ms  ● VBW  3 MHz    Mode Sweep
  SGL Count 1000/1000
● 1Pk Max
                                           M1      M1[1]              13.70 dBm
                                                                 2.44109500 GHz
 10 dBm

  0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

CF 2.441 GHz                    1000 pts                  Span 10.0 MHz
```

ProjectNo.:2407W89604E-RF Tester:Ash Lin
Date: 13.SEP.2024 18:14:48

BDR(GFSK): 2480MHz

```
Spectrum

Ref Level  20.00 dBm   Offset  0.50 dB  ● RBW  3 MHz
● Att          30 dB   SWT        1 ms  ● VBW  3 MHz    Mode Sweep
  SGL Count 1000/1000
● 1Pk Max
                                         M1        M1[1]              13.09 dBm
                                                                 2.47984500 GHz
 10 dBm

  0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

CF 2.48 GHz                     1000 pts                  Span 10.0 MHz
```

ProjectNo.:2407W89604E-RF Tester:Ash Lin
Date: 13.SEP.2024 18:15:26

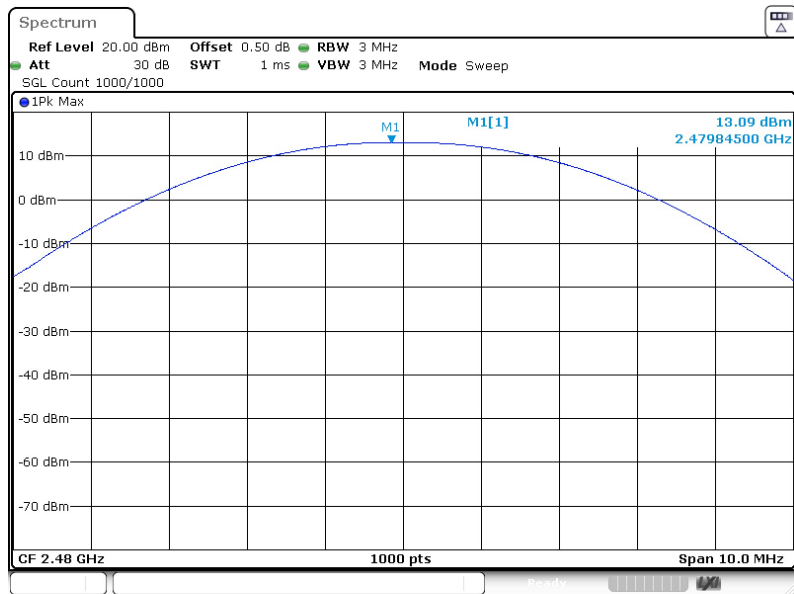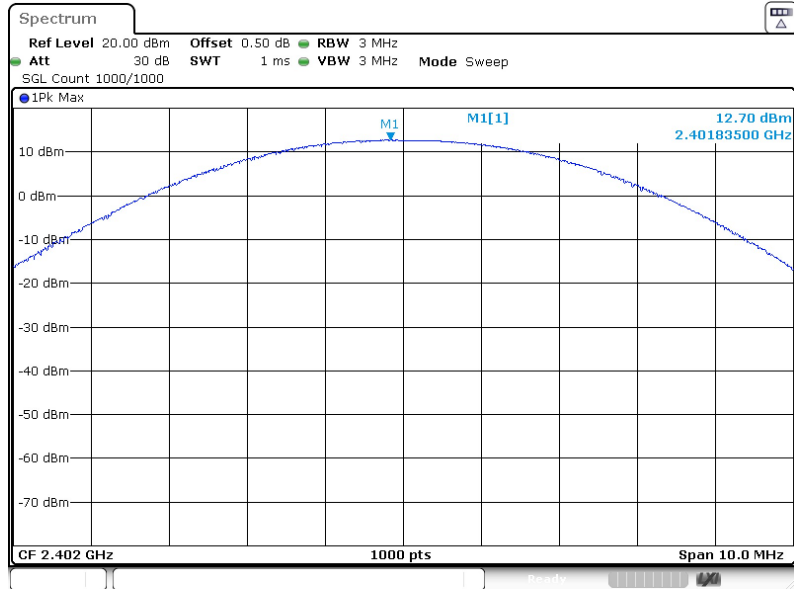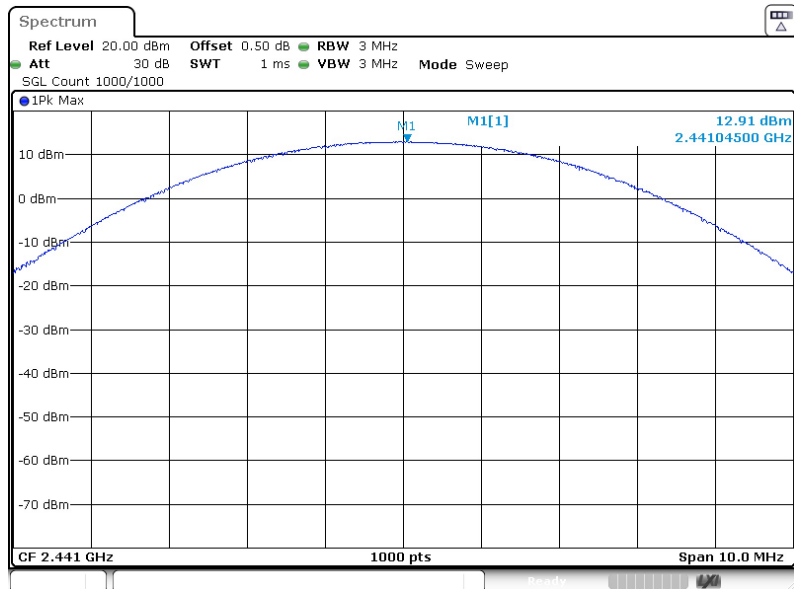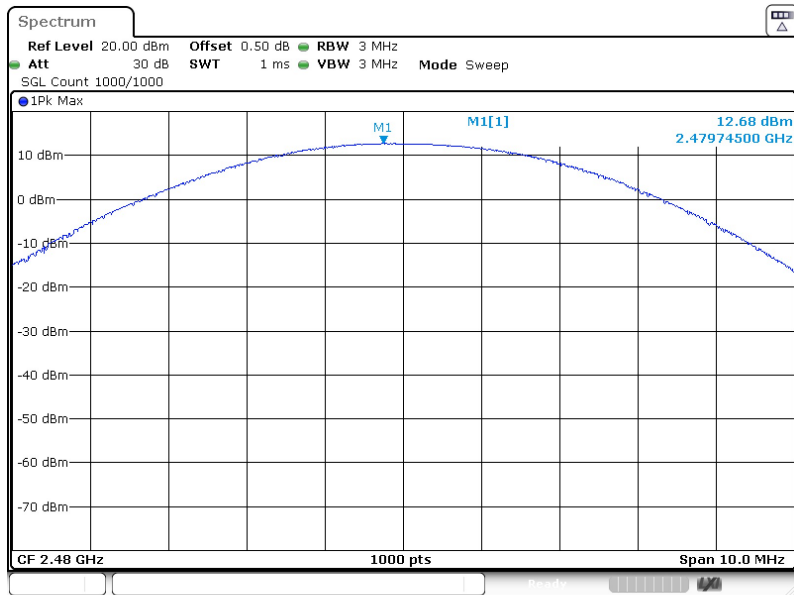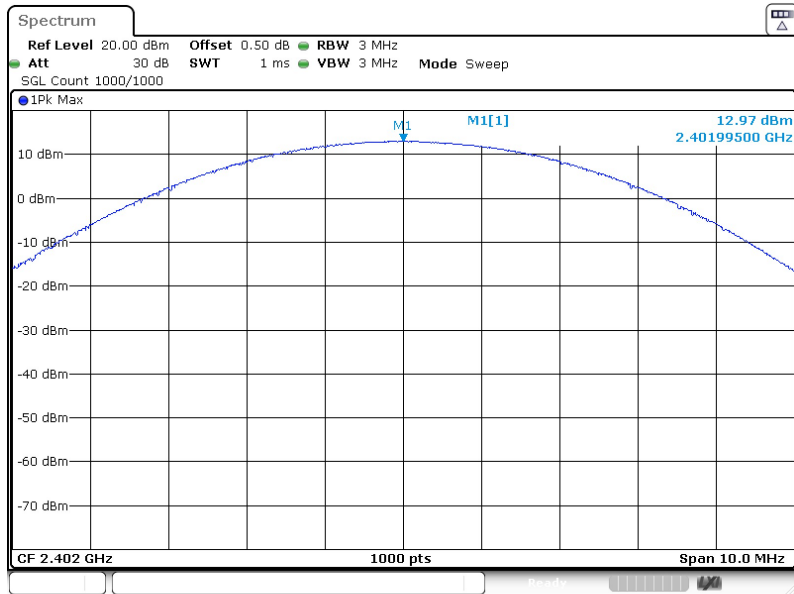## EDR Mode(π/4-DQPSK): 2402MHz

ProjectNo.:2407W89604E-RF Tester:Ash Lin

Date: 13.SEP.2024 18:16:25

EDR Mode(π/4-DQPSK): 244MHz

ProjectNo.:2407W89604E-RF Tester:Ash Lin

Date: 13.SEP.2024 18:17:07

EDR Mode(π/4-DQPSK): 2480MHz

```
Spectrum
Ref Level 20.00 dBm    Offset 0.50 dB ● RBW 3 MHz
● Att        30 dB    SWT       1 ms ● VBW 3 MHz    Mode Sweep
SGL Count 1000/1000
● 1Pk Max
                                            M1[1]              12.68 dBm
                              M1                            2.47974500 GHz
10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

CF 2.48 GHz                     1000 pts                Span 10.0 MHz
```

ProjectNo.:2407W89604E-RF Tester:Ash Lin
Date: 13.SEP.2024 18:19:10

EDR Mode(8DPSK): 2402MHz

```
Spectrum
Ref Level 20.00 dBm    Offset 0.50 dB ● RBW 3 MHz
● Att        30 dB    SWT       1 ms ● VBW 3 MHz    Mode Sweep
SGL Count 1000/1000
● 1Pk Max
                                            M1[1]              12.97 dBm
                              M1                            2.40199500 GHz
10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

CF 2.402 GHz                    1000 pts                Span 10.0 MHz
```

ProjectNo.:2407W89604E-RF Tester:Ash Lin
Date: 13.SEP.2024 18:20:48

EDR Mode(8DPSK): 2441MHz

```
Spectrum
Ref Level 20.00 dBm    Offset 0.50 dB  ● RBW  3 MHz
● Att        30 dB    SWT     1 ms  ● VBW  3 MHz    Mode Sweep
SGL Count 1000/1000
● 1Pk Max
                                    M1        M1[1]              13.20 dBm
10 dBm                                                       2.44102500 GHz
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
CF 2.441 GHz                        1000 pts              Span 10.0 MHz
```
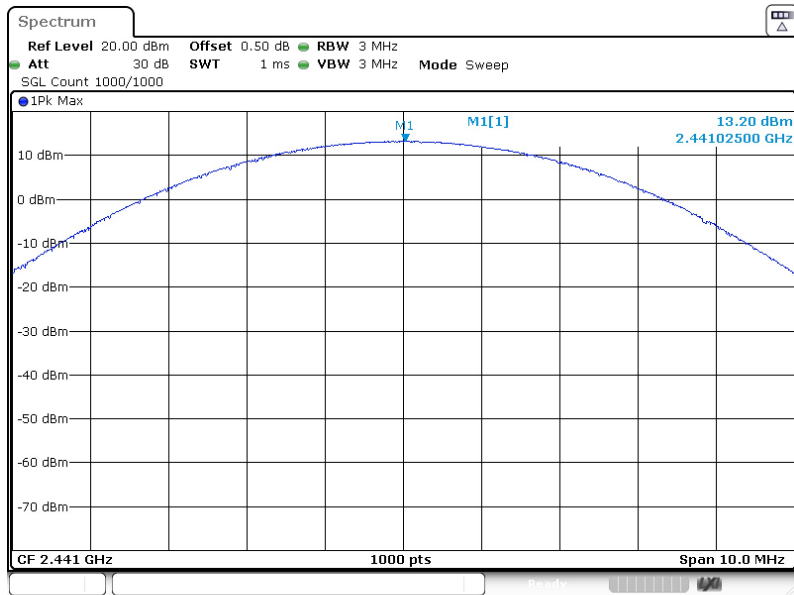
ProjectNo.:2407W89604E-RF Tester:Ash Lin

Date: 13.SEP.2024 18:21:30

EDR Mode(8DPSK): 2480MHz

```
Spectrum
Ref Level 20.00 dBm    Offset 0.50 dB  ● RBW  3 MHz
● Att        30 dB    SWT     1 ms  ● VBW  3 MHz    Mode Sweep
SGL Count 1000/1000
● 1Pk Max
                                    M1        M1[1]              12.89 dBm
10 dBm                                                       2.47998500 GHz
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
CF 2.48 GHz                         1000 pts              Span 10.0 MHz
```
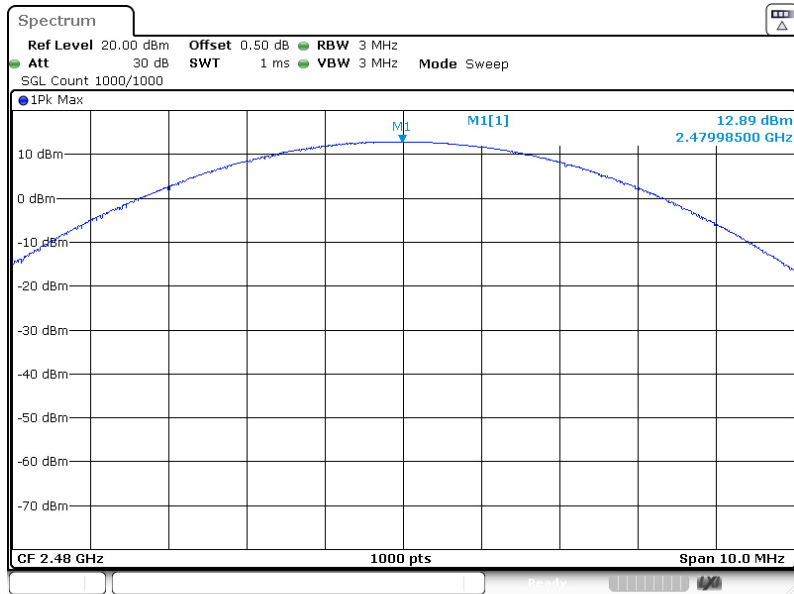
ProjectNo.:2407W89604E-RF Tester:Ash Lin

Date: 13.SEP.2024 18:22:25

EUT PHOTOGRAPHS

Please refer to the attachment 2407W89604E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2407W89604E-RF-INP EUT INTERNAL PHOTOGRAPHS.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2407W89604E-RF-TSP-01_TEST SETUP PHOTOGRAPHS.

Declarations

1. Bay Area Compliance Laboratories Corp. (Xiamen) is not responsible for authenticity of any information provided by the applicant. Information from the applicant that may affect test results are marked with an asterisk "★".

2. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested.

3. Unless required by the rule provided by the applicant or product regulations, then decision rule in this report did not consider the uncertainty.

4. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor k=2 with the 95.45% confidence interval.

5. This report cannot be reproduced except in full, without prior written approval of Bay Area Compliance Laboratories Corp. (Xiamen).

6. This report is valid only with a valid digital signature. The digital signature may be available only under the adobe software above version 7.0.

***** END OF REPORT *****