

# TEST REPORT

REPORT NUMBER: 4788346123-1

COMPANY NAME: LAKALA JAPAN

EUT DESCRIPTION: Lakala Easy POS

MODEL: Q50

SERIAL NUMBER: QR61xxxxxxxxxx

ISSUE DATE: 19-Apr-18

DATE TESTED: 16-Mar-18 & 19-Apr-18

APPLICABLE STANDARDS: JAPAN RADIO LAW RADIO EQUIPMENT REGULATIONS

TEST METHOD: Notice 88 of Ordinance Concerning Technical Regulations Conformity Certification of Specified Radio Equipment

Place of Testing: UL Verification Services (Guangzhou) Co., Ltd., Song Shan Lake Branch  
Room 204, Building 10, Innovation Technology Park, Song Shan Lake Hi tech

Test Result: Pass

Classification of Specified Radio Equipment: Article 2 Clause 1 Item 19

Type of radio wave, Frequency and antenna power: G1D 2412-2472MHz (Interval of 5MHz 13ch) 0.00899W/MHz

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Verification Services (Guangzhou) Co., Ltd., Song Shan Lake Branch and all revisions are duly noted

Approved & Released By:

Stephen



Engineer Full Name:

Stephen Guo

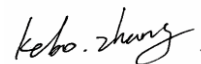
Engineer Title:

Laboratory Manager

UL Verification Services (Guangzhou) Co., LTD.  
Songshan Lake Branch

Tested By:

Kebo



Engineer Full Name:

Kebo Zhang

Engineer Title:

Engineer

UL Verification Services (Guangzhou) Co., LTD.  
Songshan Lake Branch

1. EUT Information

|                                        |
|----------------------------------------|
| Report No. : 4788346123-1              |
| Applicant : LAKALA JAPAN               |
| Equipment Description: Lakala Easy POS |
| Model No. : Q50                        |
| SerialNo. : QR61xxxxxxxxxx             |
| The number of Tx Antenna : 1           |
| Max Antenna Gain : 2.0dBi              |
| Mode : IEEE802.11b                     |
| Type of Radio wave : G1D               |

|                                                                            |                                                                        |
|----------------------------------------------------------------------------|------------------------------------------------------------------------|
| Supply Voltage                                                             | Modulation                                                             |
| <input checked="" type="radio"/> DC <input type="radio"/> AC    3.70V      | <input checked="" type="radio"/> DS ( e.g. WLAN 11b)                   |
| -                                                                          | <input type="radio"/> OFDM & OBW≤ 26MHz ( e.g. WLAN 11g, 11n HT20)     |
| Voltage Condition                                                          | <input type="radio"/> OFDM & OBW 26~38MHz (e.g. WLAN 11n HT40)         |
| <input checked="" type="radio"/> Non-Extreme <input type="radio"/> Extreme | <input type="radio"/> Other Modulation (e.g. GFSK, Not BT)             |
| Normal DC3.7V                                                              | EUT has                                                                |
| Normal-10% -                                                               | <input checked="" type="radio"/> ANT Connector                         |
| Normal+10% -                                                               | <input type="radio"/> No ANT Connector                      distance - |

The worst-case data rate for each mode is determined to be as follows, based on preliminary test of the chipset utilized in this radio.  
All final tests were made at the Lowest Rate.

Factors

|                      |       | Other than for Power |           | For Power       |           |
|----------------------|-------|----------------------|-----------|-----------------|-----------|
|                      | [MHz] | Cable Loss [dB]      | ATT/ [dB] | Cable Loss [dB] | ATT/ [dB] |
| Low Channel (Tx1)    | 2412  | 0.50                 | 10.00     | 0.50            | 10.00     |
| Middle Channel (Tx2) | 2442  | 0.50                 | 10.00     | 0.50            | 10.00     |
| High Channel (Tx3)   | 2472  | 0.50                 | 10.00     | 0.50            | 10.00     |

## 2.TEST Result

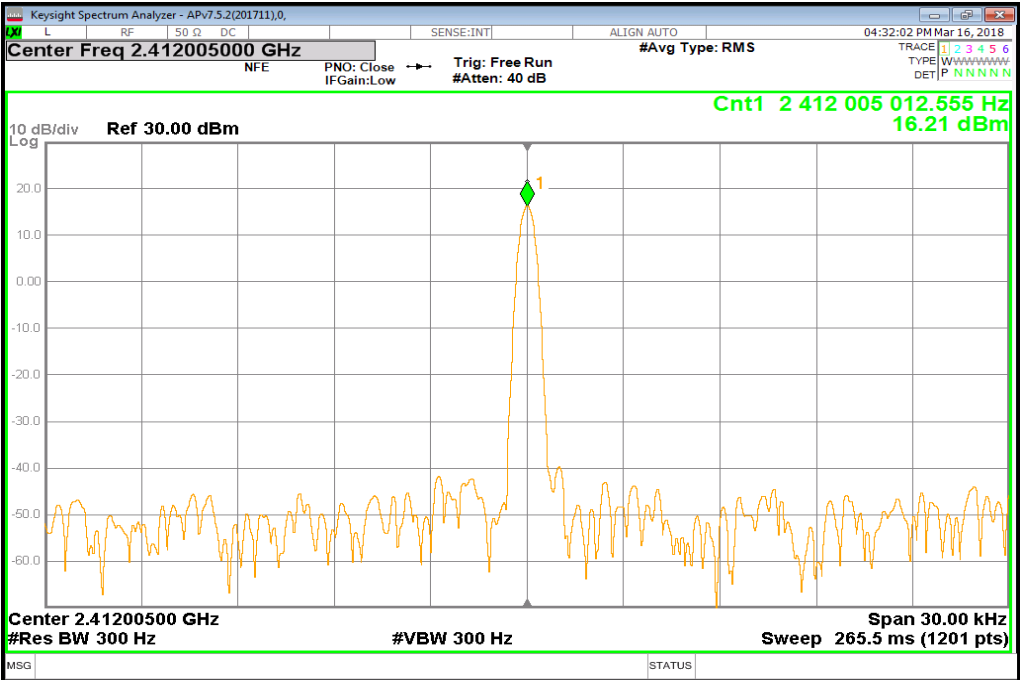
### 2.1. Frequency Tolerance

|         |              |
|---------|--------------|
| Job No. | 4788346123-1 |
| Remark1 |              |
| Remark2 |              |

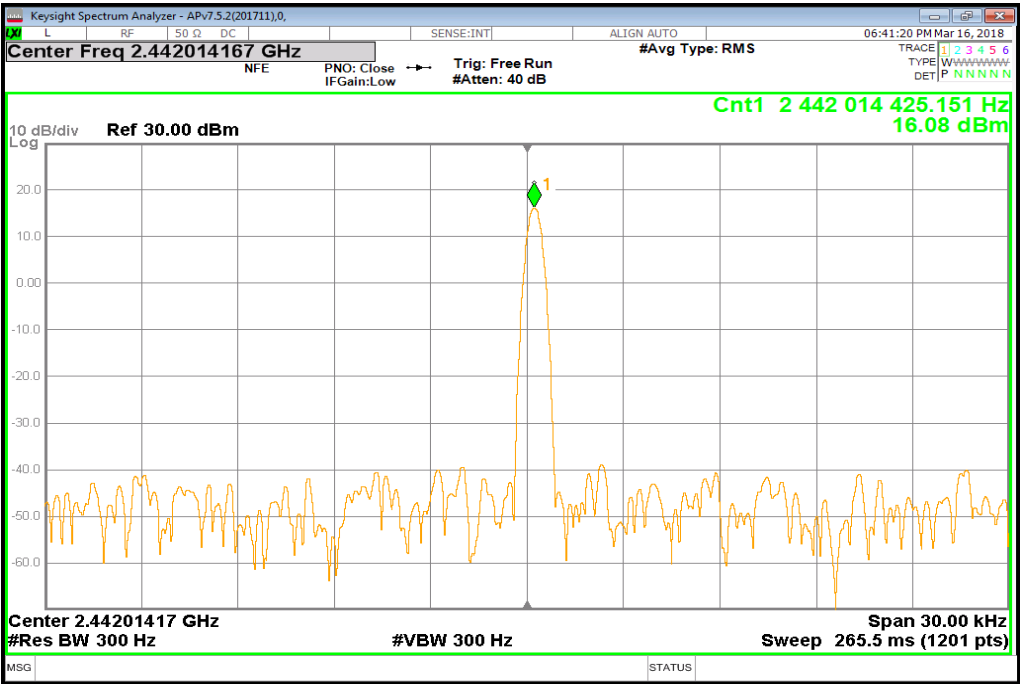
[ DATA]

| Voltage | Freq.<br>[MHz] | Result<br>[MHz] | Tolerance<br>[kHz] | Tolerance<br>[ppm] | Limit<br>[ppm] |
|---------|----------------|-----------------|--------------------|--------------------|----------------|
| DC3.7V  | 2412           | 2412.0050       | 5.0000             | 2.07               | ±50.0          |
|         | 2442           | 2442.0144       | 14.4000            | 5.90               | ±50.0          |
|         | 2472           | 2472.0158       | 15.8000            | 6.39               | ±50.0          |

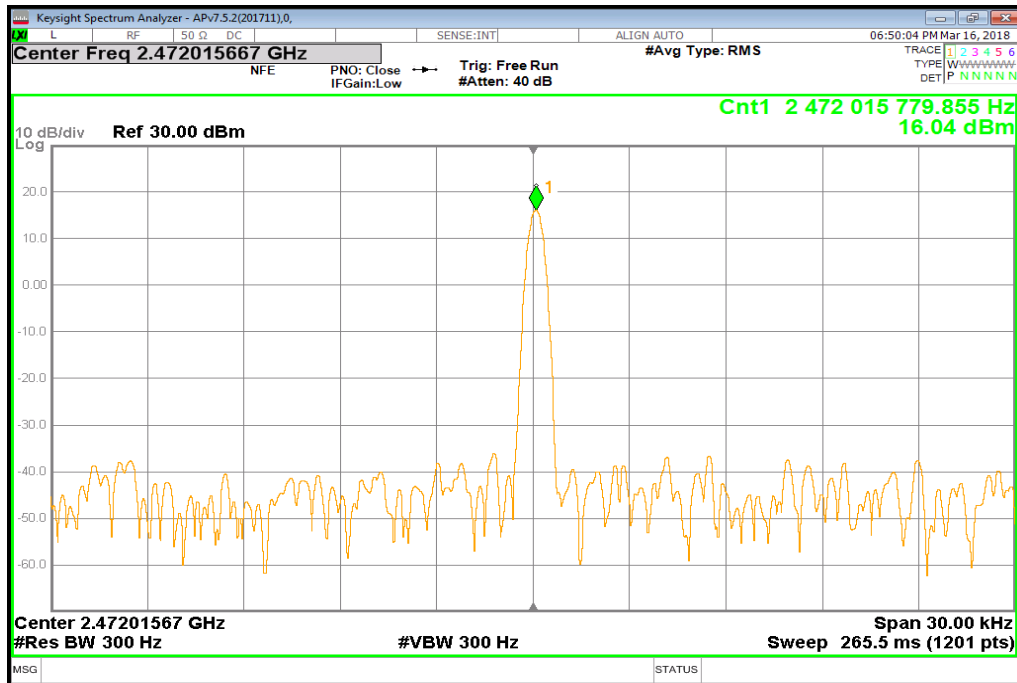
Tx1\_Freq\_Nom



Tx2\_Freq\_Nom



Tx3\_Freq\_Nom



2.2. Occupied Bandwidth / Spreading Bandwidth

|         |              |
|---------|--------------|
| Job No. | 4788346123-1 |
| Remark1 |              |
| Remark2 |              |

[ DATA]

99% Occupied Frequency Bandwidth

| Voltage | Freq.<br>[MHz] | Result<br>[MHz] | Limit<br>[MHz] |
|---------|----------------|-----------------|----------------|
| DC3.7V  | 2412           | 14.8940         | 26             |
|         | 2442           | 14.8920         | 26             |
|         | 2472           | 14.8940         | 26             |

Spreading Bandwidth

| Voltage | Freq.<br>[MHz] | Result<br>[MHz] | Result<br>[kHz] | Limit<br>[kHz] |
|---------|----------------|-----------------|-----------------|----------------|
| DC3.7V  | 2412           | 9.6400          | 9640.0          | 500            |
|         | 2442           | 9.6350          | 9635.0          | 500            |
|         | 2472           | 9.6370          | 9637.0          | 500            |

Spreading Factor

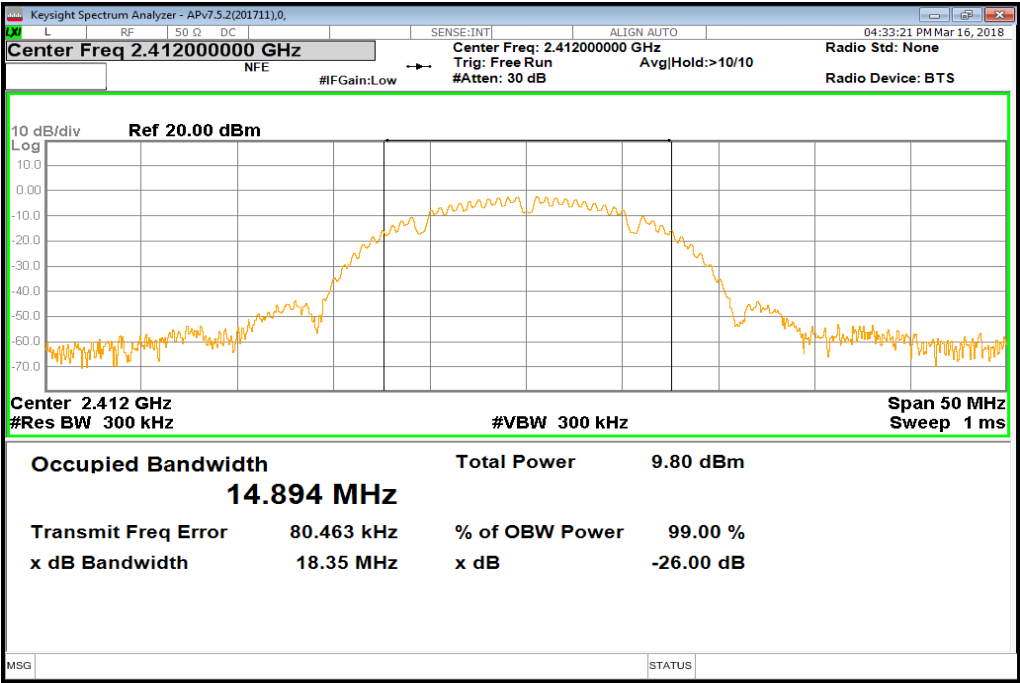
|                 |                  |
|-----------------|------------------|
| 1Mbps, 2Mbps    | 9.64 (Limit: >5) |
| 5.5Mbps, 11Mbps | 7.01 (Limit: >5) |

Symbol Rate

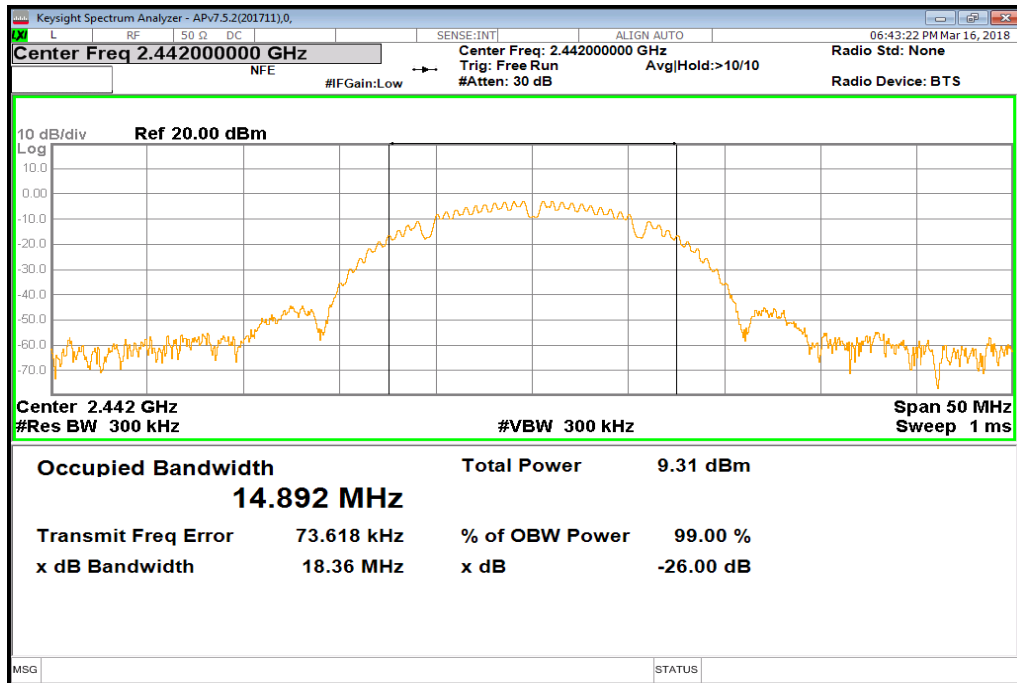
|            |
|------------|
| 1 Msps     |
| 1.375 Msps |

99% Occupied Frequency Bandwidth

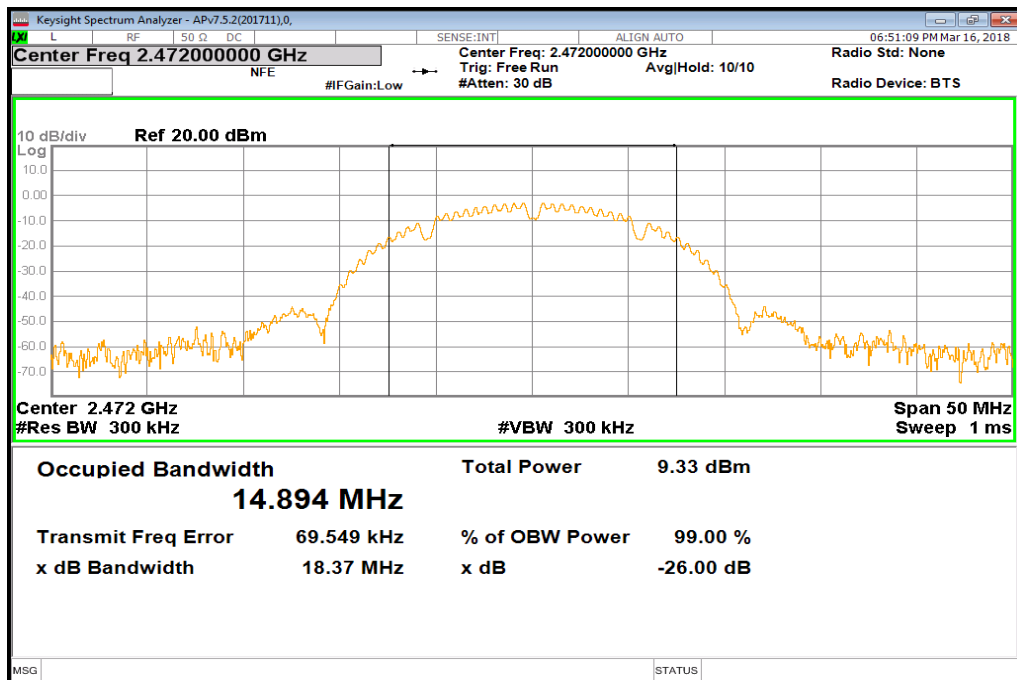
Tx1\_99OBW\_Nom



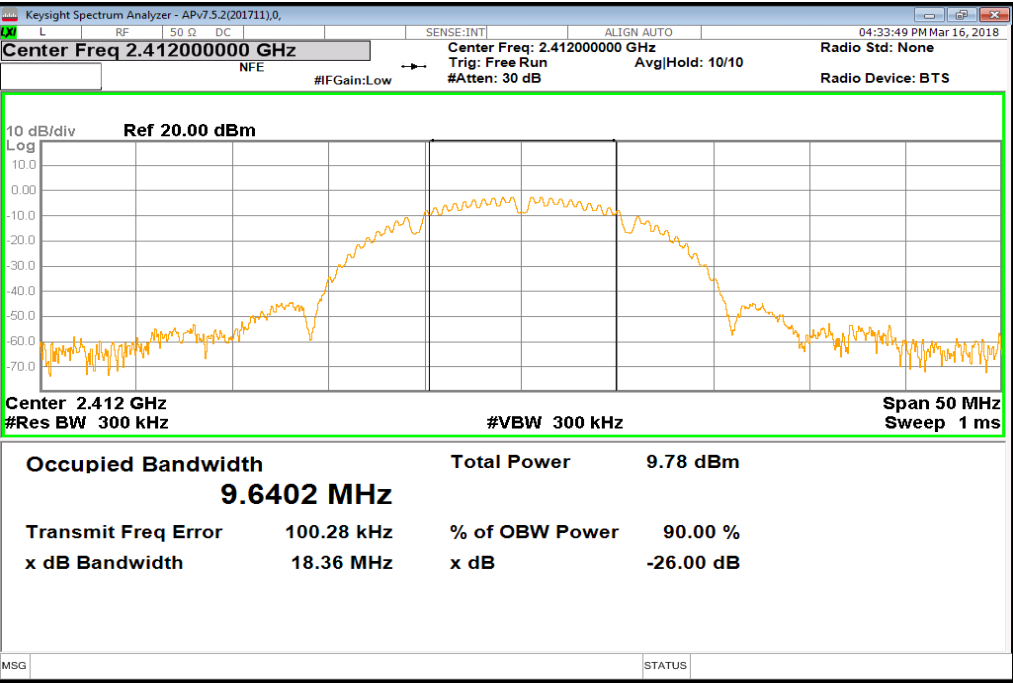
Tx2\_99OBW\_Nom



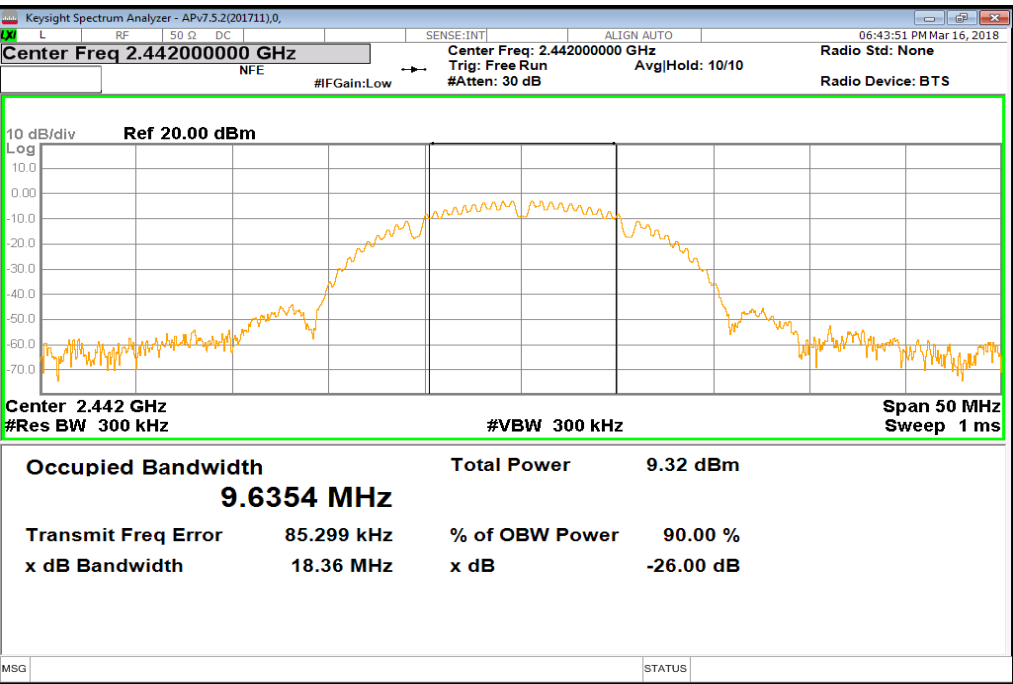
Tx3\_99OBW\_Nom

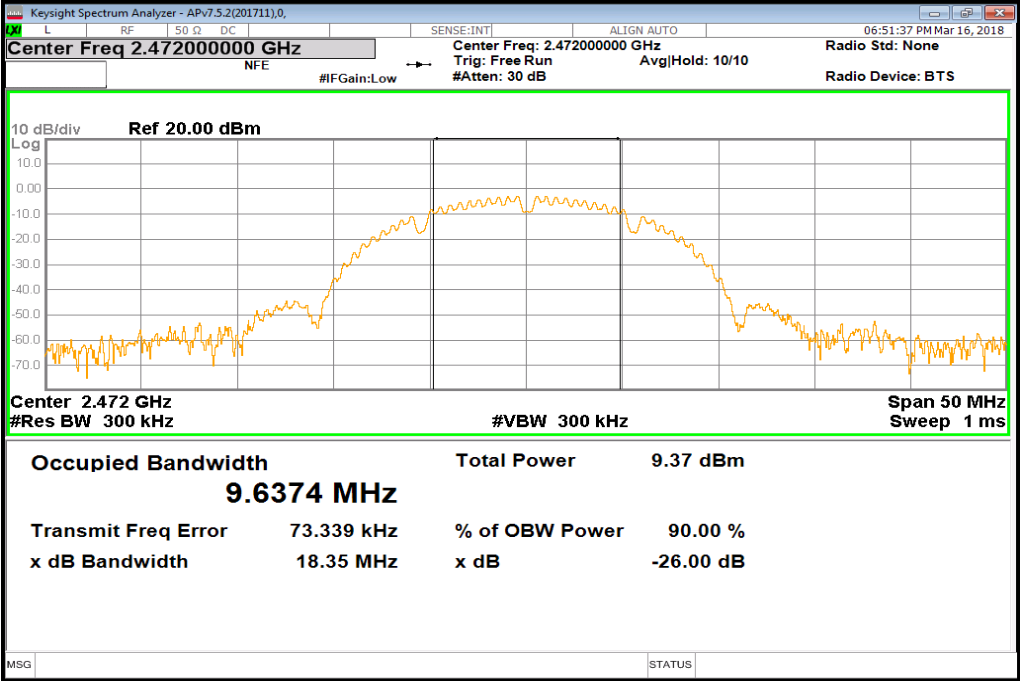


Spreading Bandwidth  
Tx1\_90OBW\_Nom



Tx2\_90OBW\_Nom





2.3. Unwanted Emission Strength

|         |              |
|---------|--------------|
| Job No. | 4788346123-1 |
| Remark1 |              |
| Remark2 |              |

[ DATA]

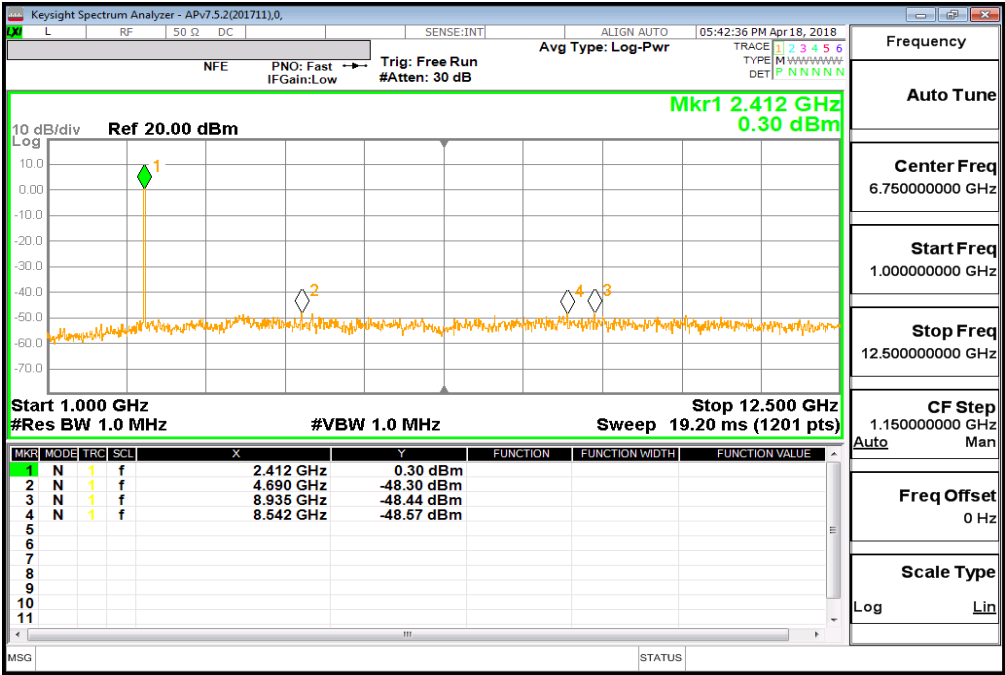
| Voltage | Freq. | Freq.   | S/A     | Cable | Atten. | Result | Result | Limit  | Remark |
|---------|-------|---------|---------|-------|--------|--------|--------|--------|--------|
|         | [MHz] | [MHz]   | Reading | Loss  | Loss   | [dBm]  | [uW]   | [uW]   |        |
|         |       |         | [dBm]   | [dB]  | [dB]   |        |        |        |        |
| DC3.7V  | 2412  | 4690.00 | -48.30  | 0.50  | 10.00  | -37.80 | 0.166  | 2.500  | ◆4     |
|         |       | 8935.00 | -48.44  | 0.50  | 10.00  | -37.94 | 0.161  | 2,500  | ◆4     |
|         |       | 8542.00 | -48.57  | 0.50  | 10.00  | -38.07 | 0.156  | 2,500  | ◆4     |
|         |       | 761.54  | -71.74  | 0.50  | 10.00  | -61.24 | 0.001  | 2,500  | ◆1     |
|         |       | 2386.99 | -50.26  | 0.50  | 10.00  | -39.76 | 0.106  | 2,500  | ◆1     |
|         |       | 2399.99 | -38.95  | 0.50  | 10.00  | -28.45 | 1.429  | 25,000 | ◆2     |
|         |       | 2399.42 | -39.79  | 0.50  | 10.00  | -29.29 | 1.178  | 25,000 | ◆2     |
|         |       | 2399.00 | -45.66  | 0.50  | 10.00  | -35.16 | 0.305  | 25,000 | ◆2     |
|         | 2442  | 3933.00 | -48.49  | 0.50  | 10.00  | -37.99 | 0.159  | 2,500  | ◆4     |
|         |       | 3894.00 | -48.50  | 0.50  | 10.00  | -38.00 | 0.158  | 2,500  | ◆4     |
|         |       | 4086.00 | -48.72  | 0.50  | 10.00  | -38.22 | 0.151  | 2,500  | ◆4     |
|         |       | 894.10  | -71.35  | 0.50  | 10.00  | -60.85 | 0.001  | 2,500  | ◆1     |
|         | 2472  | 3798.00 | -48.12  | 0.50  | 10.00  | -37.62 | 0.173  | 2,500  | ◆4     |
|         |       | 3885.00 | -48.41  | 0.50  | 10.00  | -37.91 | 0.162  | 2,500  | ◆4     |
|         |       | 3772.00 | -48.49  | 0.50  | 10.00  | -37.99 | 0.159  | 2,500  | ◆4     |
|         |       | 868.20  | -71.22  | 0.50  | 10.00  | -60.72 | 0.001  | 2,500  | ◆1     |
|         |       | 2483.51 | -38.89  | 0.50  | 10.00  | -28.39 | 1.449  | 25,000 | ◆3     |
|         |       | 2496.51 | -49.24  | 0.50  | 10.00  | -38.74 | 0.134  | 2,500  | ◆4     |
|         |       | 2484.75 | -40.43  | 0.50  | 10.00  | -29.93 | 1.016  | 25,000 | ◆3     |
|         |       | 2485.00 | -46.48  | 0.50  | 10.00  | -35.98 | 0.252  | 25,000 | ◆3     |

Sample Calculation :

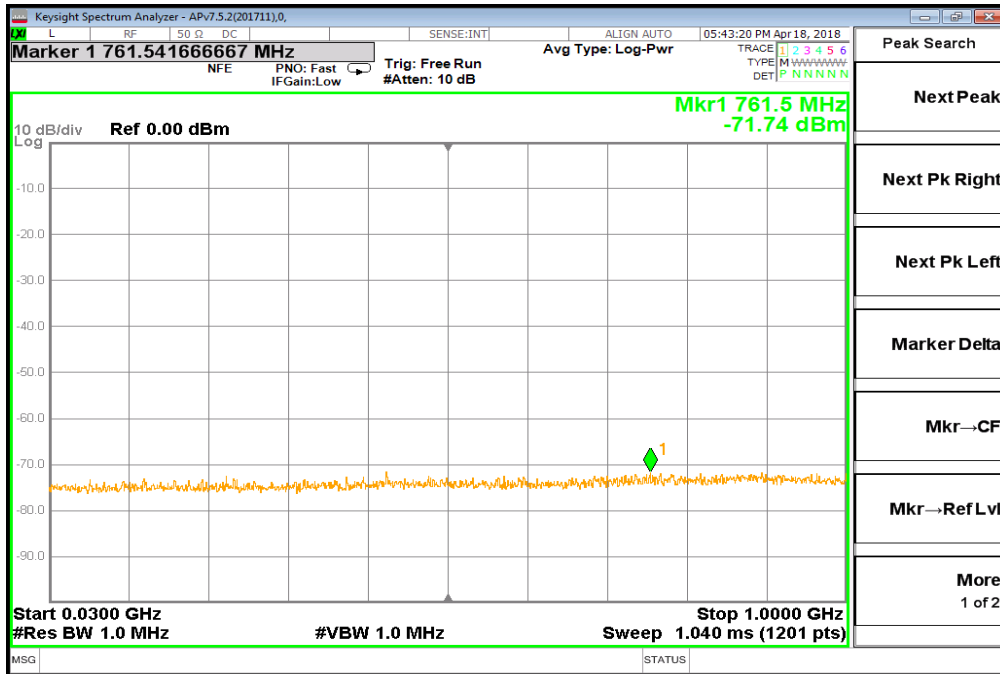
Result = Reading + Cable Loss + Attenuator

- ◆1:Freq Range1 (≥ 30MHz, < 2,387MHz)
- ◆2:Freq Range2 (2,387MHz以上, < 2,400MHz)
- ◆3:Freq Range3 (> 2,483.5MHz, ≤ 2,496.5MHz)
- ◆4:Freq Range4 (> 2,496.5MHz, ≤ 12.5GHz)

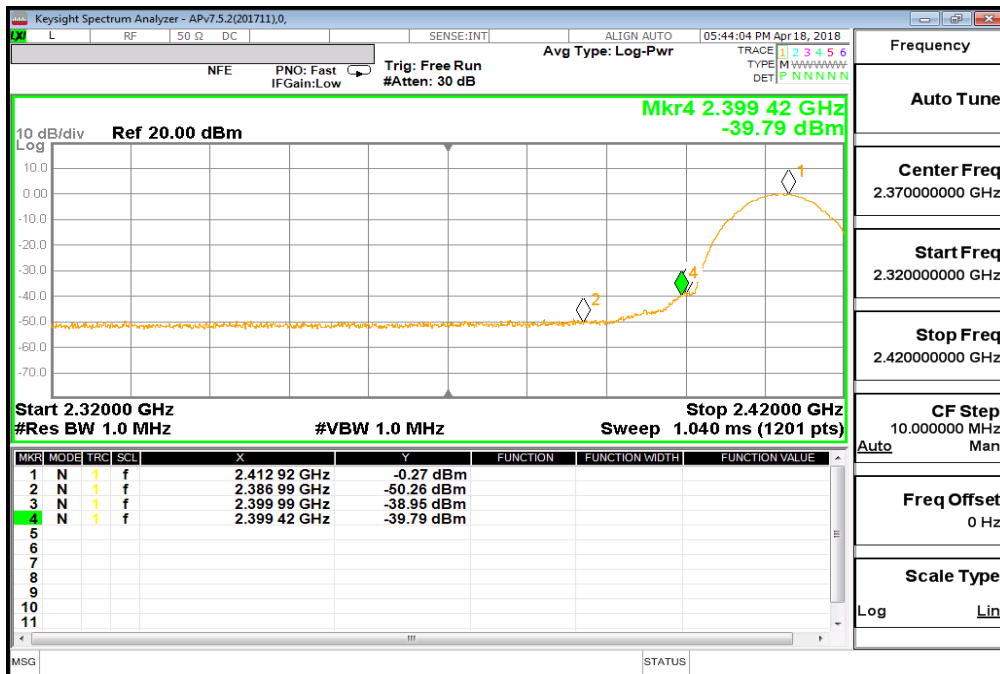
Tx1\_SpuriousM\_Nom



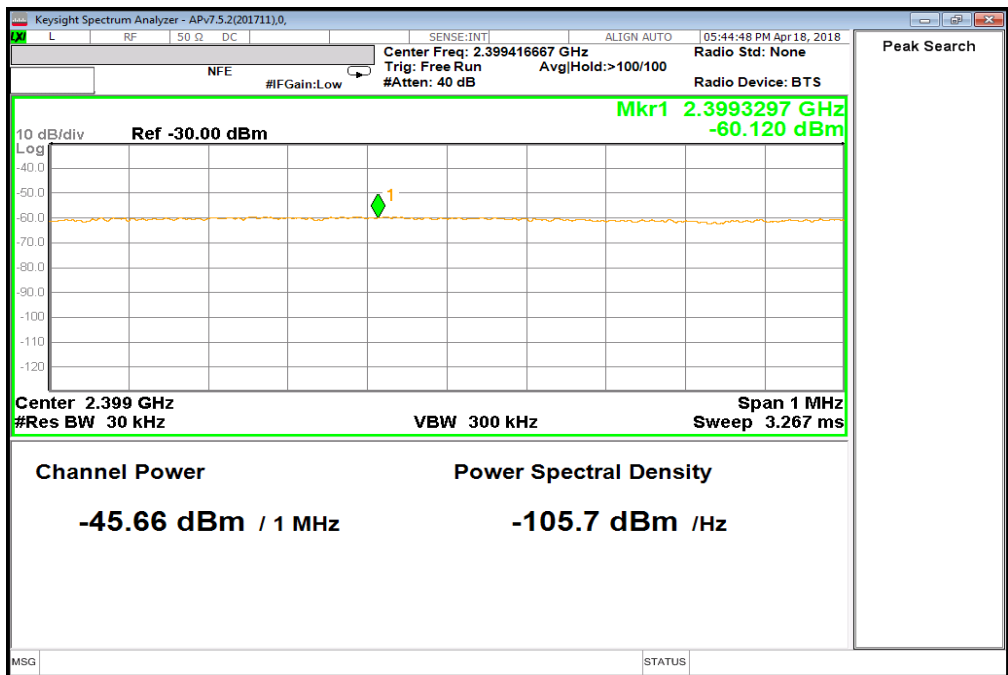
Tx1\_SpuriousG\_Nom



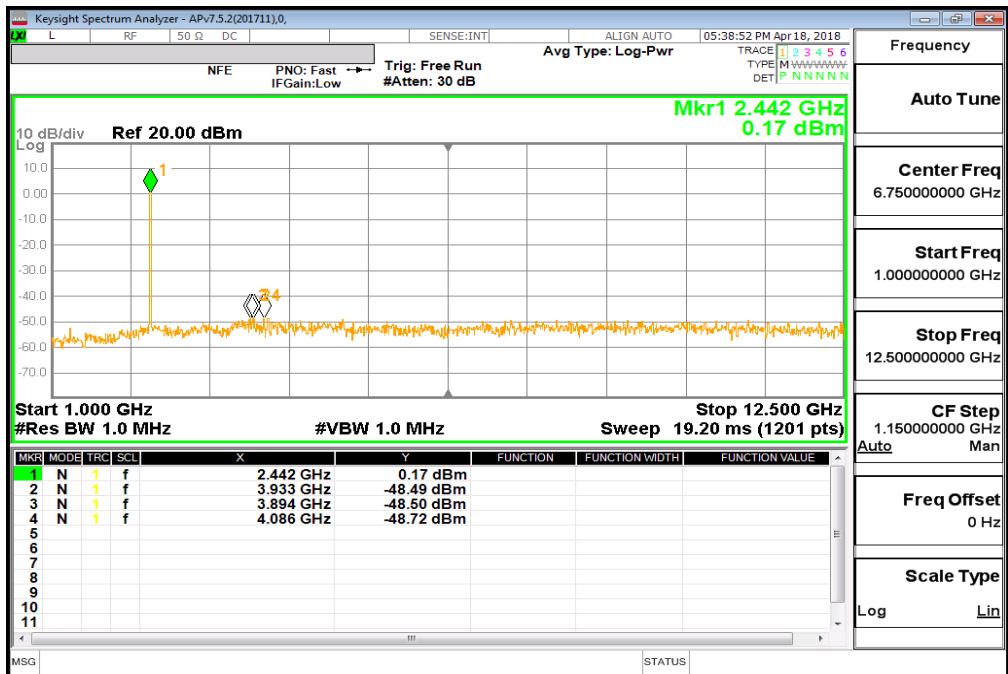
Tx1\_BandEdgeLow\_Nom



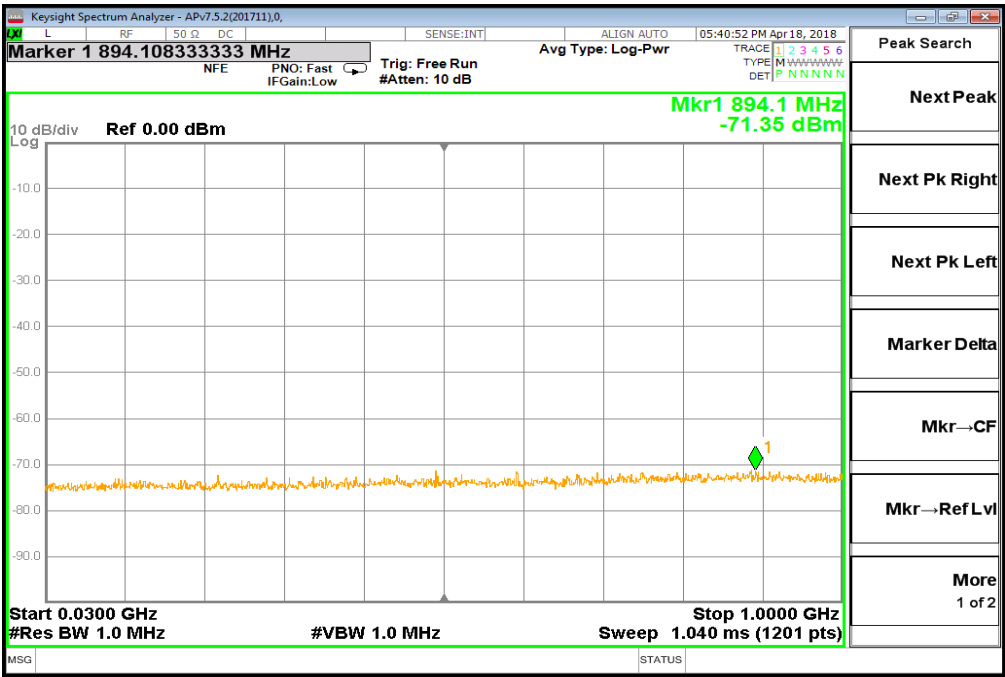
Tx1\_BandEdgeLowZoom\_Nom



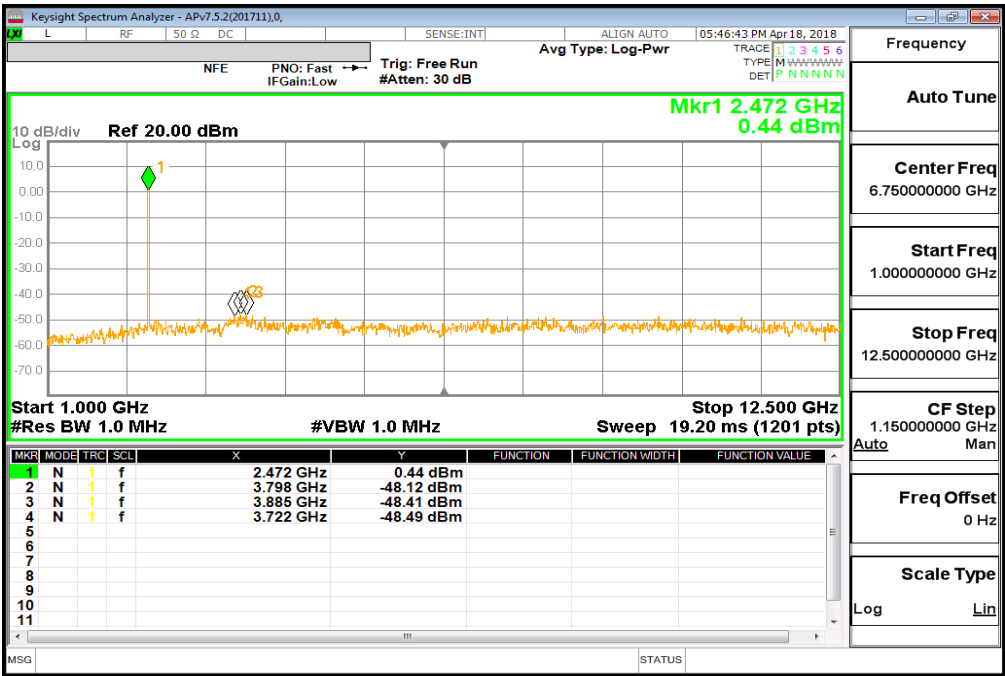
Tx2\_SpuriousM\_Nom



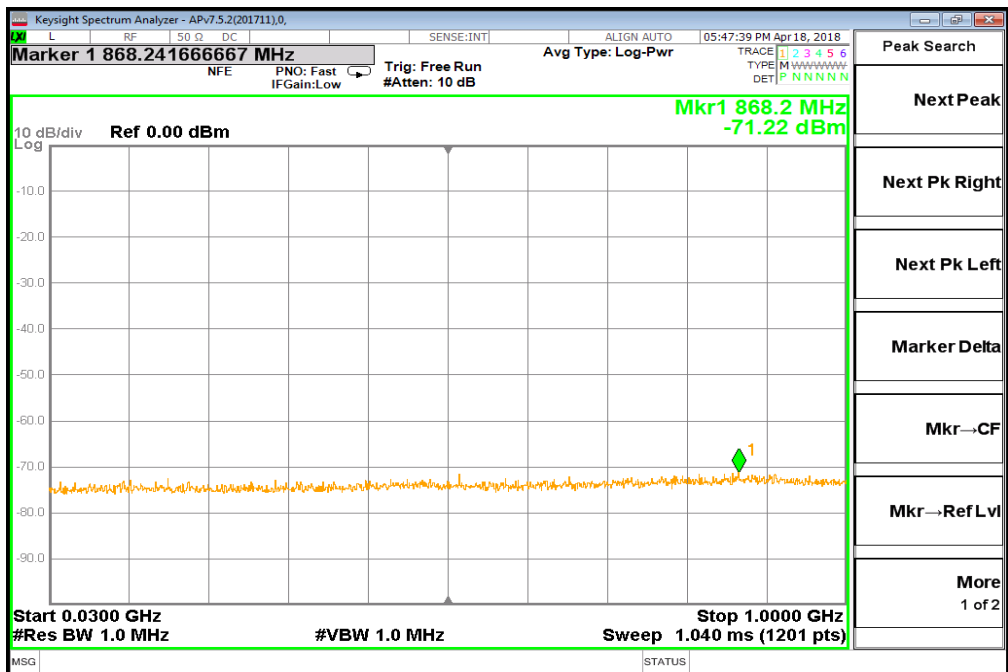
Tx2\_SpuriousG\_Nom



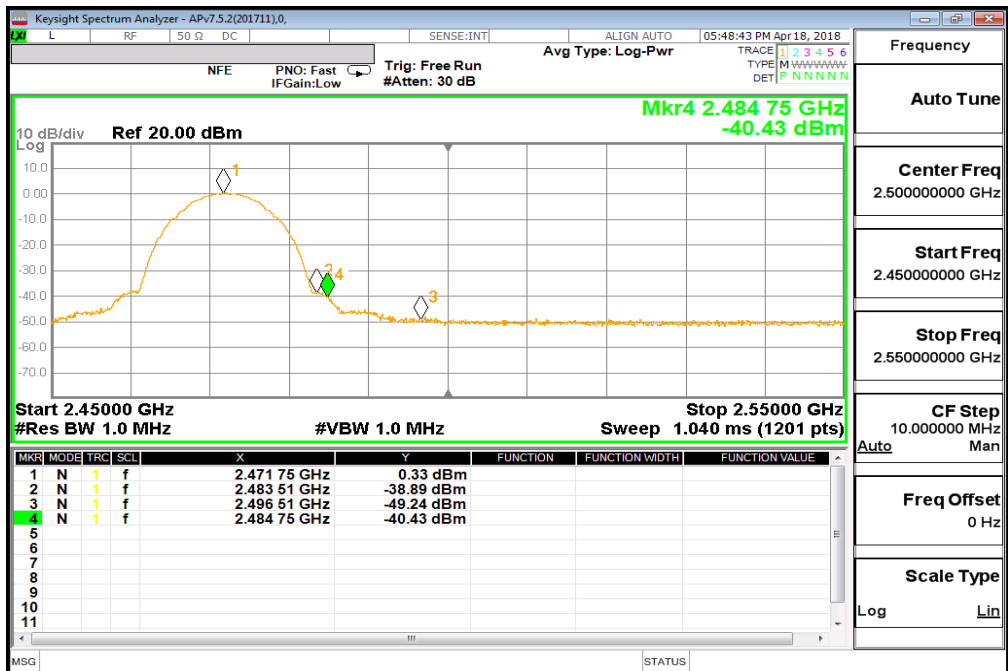
Tx3\_SpuriousM\_Nom

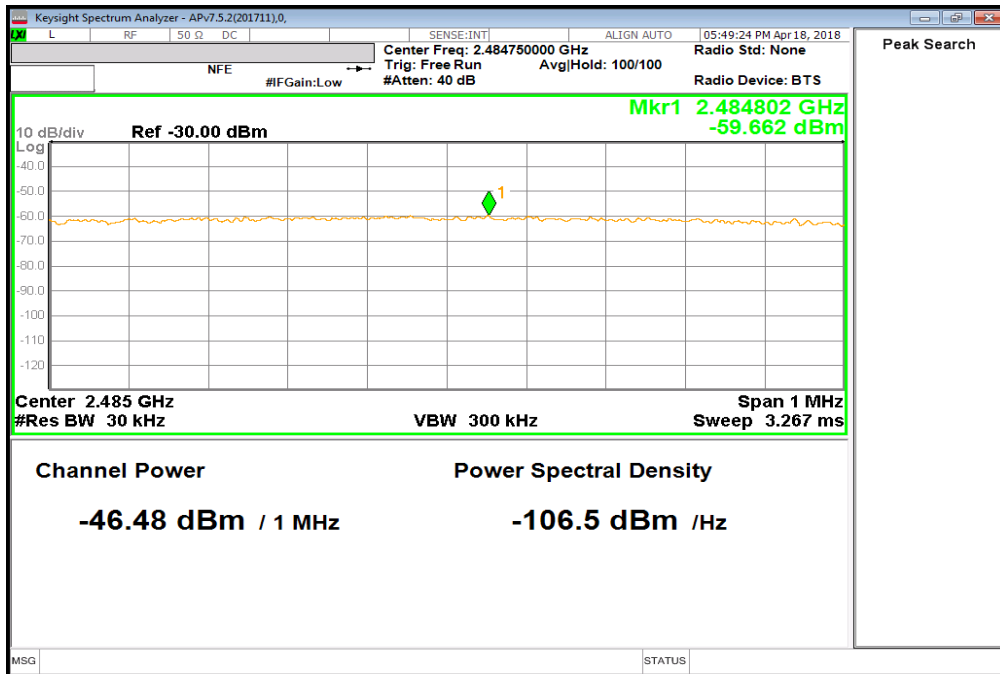


Tx3\_SpuriousG\_Nom



Tx3\_BandEdgeHigh\_Nom





2.4. Output Power

|         |              |
|---------|--------------|
| Job No. | 4788346123-1 |
| Remark1 |              |
| Remark2 |              |

[ DATA ]

| Voltage | Chain | Freq. | Reading | Cable Loss | Atten. Loss | Result   | Burst Rate | ENBW Rate | Output Power | Antenna Gain | E.I.R.P. |
|---------|-------|-------|---------|------------|-------------|----------|------------|-----------|--------------|--------------|----------|
|         |       | [MHz] | [dBm]   | [dB]       | [dB]        | [W/MHz]  |            |           | [W/MHz]      | [dBi]        | [W/MHz]  |
| DC3.7V  | 0     | 2412  | -2.97   | 0.50       | 10.00       | 0.005662 | 1.00       | 1.00      | 0.005662     | 2.00         | 0.008974 |
|         |       | 2442  | -2.21   | 0.50       | 10.00       | 0.006745 | 1.00       | 1.00      | 0.006745     | 2.00         | 0.010691 |
|         |       | 2472  | -2.39   | 0.50       | 10.00       | 0.006471 | 1.00       | 1.00      | 0.006471     | 2.00         | 0.010257 |

Sample Calculation :  
Output Power = 10 ^ ( ( Reading [dBm] + Cable Loss + Atten. Loss ) / 10 ) \* Burst Rate / ENBW  
E.I.R.P. = Output Power \* 10^(Antenna Gain[dBi]/10)

[Total Power / Result and Limit]

| Voltage | Freq. | Output Power |                  |          |                 | E.I.R.P. |           |           |
|---------|-------|--------------|------------------|----------|-----------------|----------|-----------|-----------|
|         |       | Result       | Tolerance Result | Limit    | Tolerance Limit | Result   | Result    | Limit     |
|         |       | [W/MHz]      | [%]              | [W/MHz]  | [%]             | [W/MHz]  | [dBm/MHz] | [dBm/MHz] |
| DC3.7V  | 2412  | 0.005662     | -37.0            | 0.010000 | +20 ~ -80       | 0.008974 | 9.53      | 12.14     |
|         | 2442  | 0.006745     | -25.0            | 0.010000 | +20 ~ -80       | 0.010691 | 10.29     | 12.14     |
|         | 2472  | 0.006471     | -28.0            | 0.010000 | +20 ~ -80       | 0.010257 | 10.11     | 12.14     |

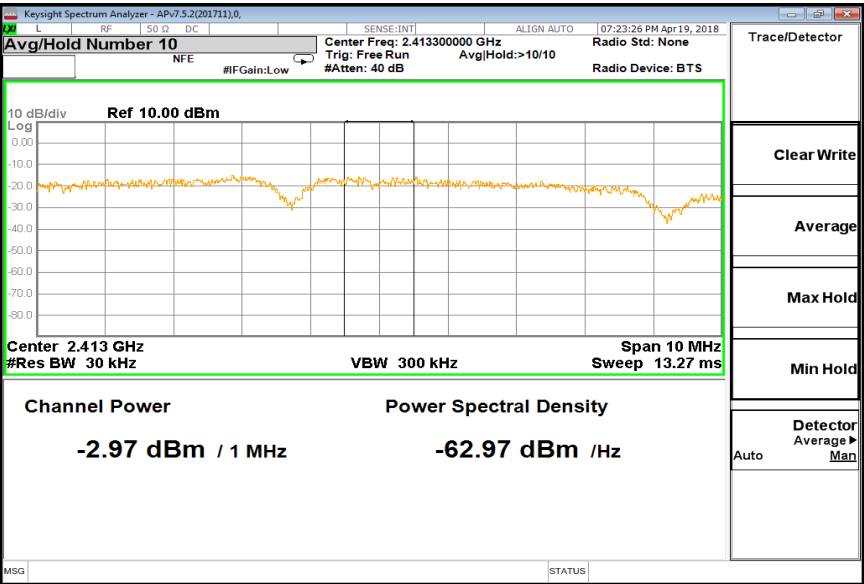
Sample Calculation :  
Tolerance = Output Power Result / Declared Output Power \* 100 - 100.

[Declared Output Power]

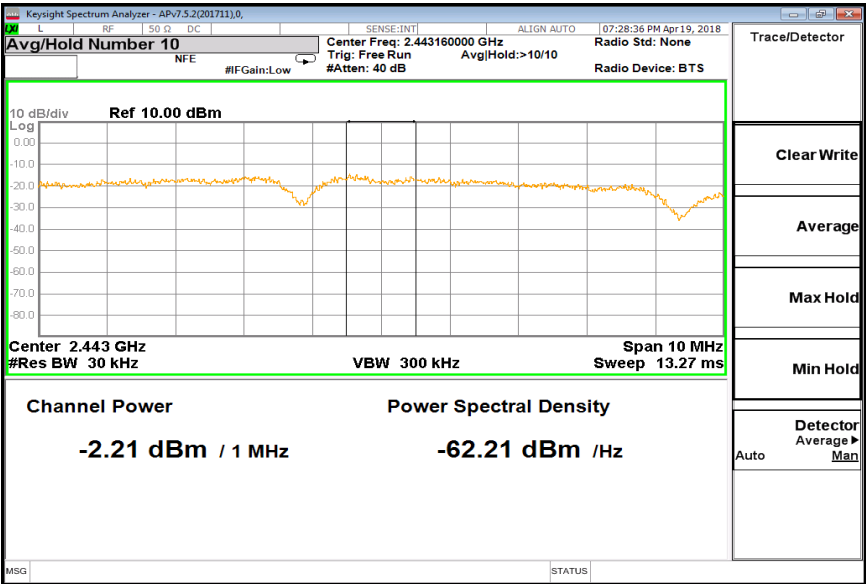
|                                     |          |         |                                    |          |           |
|-------------------------------------|----------|---------|------------------------------------|----------|-----------|
| Average of Output Power Result      | 0.006293 | [W/MHz] | Average of E.I.R.P. Result         | 0.009974 | [W/MHz]   |
| Declared Output Power               | 0.008990 | [W/MHz] | E.I.R.P. for Declared Output Power | 11.54    | [dBm/MHz] |
| +20                                 | 0.010788 | [W/MHz] |                                    |          |           |
| Middle (Declared Output Power -30%) | 0.006293 | [W/MHz] |                                    |          |           |
| -80                                 | 0.001798 | [W/MHz] |                                    |          |           |

Sample Calculation :  
E.I.R.P. for Declared Output Power  
= 10 \* Log (Average of E.I.R.P. Result \* (Declared Output Power / Average of Output Power Result ) \* 1000)

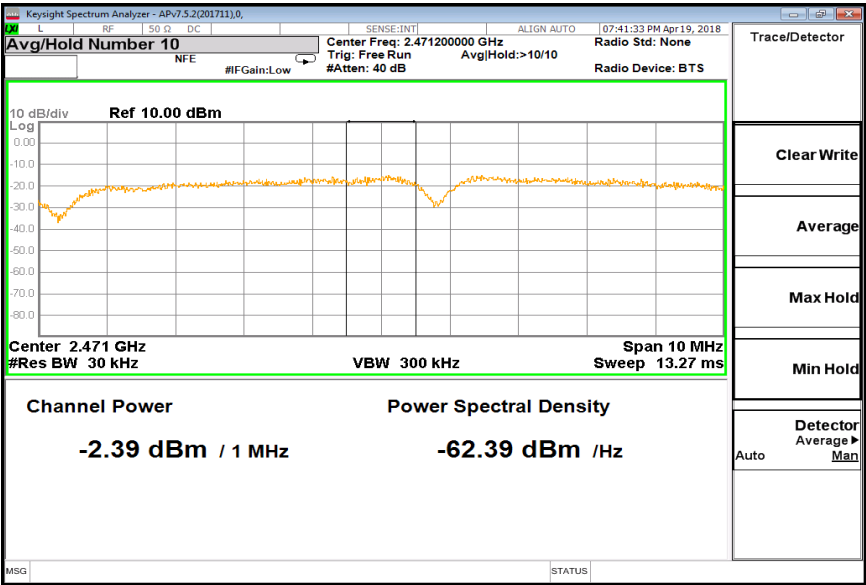
Tx1\_Power\_Chain0\_Nom



Tx2\_Power\_Chain0\_Nom



Tx3\_Power\_Chain0\_Nom



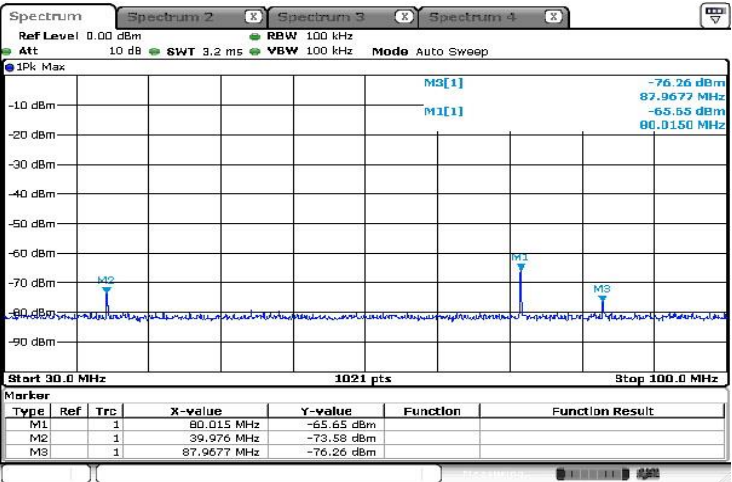
2.5. Secondary Radiated Emission Strength

|         |              |
|---------|--------------|
| Job No. | 4788346123-1 |
| Remark1 |              |
| Remark2 |              |

| [ DATA ] |       |        |             |            |             |        |        |        |        |
|----------|-------|--------|-------------|------------|-------------|--------|--------|--------|--------|
| Voltage  | Freq. | Freq.  | S/A Reading | Cable Loss | Atten. Loss | Result | Result | Limit  | Remark |
| [V]      | [MHz] | [MHz]  | [dBm]       | [dB]       | [dB]        | [dBm]  | [nW]   | [nW]   |        |
| DC3.7V   | 2412  | 80.0   | -65.65      | 1.50       | 0.00        | -64.15 | 0.385  | 4.000  | ✦5     |
|          |       | 40.0   | -73.58      | 1.50       | 0.00        | -72.08 | 0.062  | 4.000  | ✦5     |
|          |       | 88.0   | -76.26      | 1.50       | 0.00        | -74.76 | 0.033  | 4.000  | ✦5     |
|          |       | 160.0  | -62.98      | 1.50       | 0.00        | -61.48 | 0.711  | 4.000  | ✦5     |
|          |       | 200.4  | -71.48      | 1.50       | 0.00        | -69.98 | 0.100  | 4.000  | ✦5     |
|          |       | 240.4  | -72.22      | 1.50       | 0.00        | -70.72 | 0.085  | 4.000  | ✦5     |
|          |       | 320.3  | -73.27      | 1.50       | 0.00        | -71.77 | 0.067  | 4.000  | ✦5     |
|          |       | 480.1  | -74.14      | 1.50       | 0.00        | -72.64 | 0.054  | 4.000  | ✦5     |
|          |       | 640.0  | -74.68      | 1.50       | 0.00        | -73.18 | 0.048  | 4.000  | ✦5     |
|          |       | 560.0  | -74.86      | 1.50       | 0.00        | -73.36 | 0.046  | 4.000  | ✦5     |
| DC3.7V   | 2442  | \      | \           | \          | \           | \      | 1.592  | 4.000  | SUM    |
|          |       | 2414.0 | -60.51      | 1.50       | 0.00        | -59.01 | 1.256  | 20.000 | ✦6     |
|          |       | 80.0   | -65.66      | 1.50       | 0.00        | -64.16 | 0.384  | 4.000  | ✦5     |
|          |       | 40.0   | -73.76      | 1.50       | 0.00        | -72.26 | 0.059  | 4.000  | ✦5     |
|          |       | 88.0   | -77.14      | 1.50       | 0.00        | -75.64 | 0.027  | 4.000  | ✦5     |
|          |       | 160.0  | -62.84      | 1.50       | 0.00        | -61.34 | 0.735  | 4.000  | ✦5     |
|          |       | 200.0  | -70.04      | 1.50       | 0.00        | -68.54 | 0.140  | 4.000  | ✦5     |
|          |       | 120.0  | -75.56      | 1.50       | 0.00        | -74.06 | 0.039  | 4.000  | ✦5     |
|          |       | 200.4  | -71.28      | 1.50       | 0.00        | -69.78 | 0.105  | 4.000  | ✦5     |
|          |       | 240.4  | -71.93      | 1.50       | 0.00        | -70.43 | 0.091  | 4.000  | ✦5     |
| DC3.7V   | 2472  | 320.3  | -73.20      | 1.50       | 0.00        | -71.70 | 0.068  | 4.000  | ✦5     |
|          |       | 480.1  | -74.66      | 1.50       | 0.00        | -73.16 | 0.048  | 4.000  | ✦5     |
|          |       | 719.9  | -75.21      | 1.50       | 0.00        | -73.71 | 0.043  | 4.000  | ✦5     |
|          |       | 280.3  | -75.22      | 1.50       | 0.00        | -73.72 | 0.042  | 4.000  | ✦5     |
|          |       | 560.0  | -74.50      | 1.50       | 0.00        | -73.00 | 0.050  | 4.000  | ✦5     |
|          |       | 640.0  | -75.23      | 1.50       | 0.00        | -73.73 | 0.042  | 4.000  | ✦5     |
|          |       | 999.6  | -75.11      | 1.50       | 0.00        | -73.61 | 0.044  | 4.000  | ✦5     |
|          |       | 499.7  | -74.51      | 1.50       | 0.00        | -73.01 | 0.050  | 4.000  | ✦5     |
|          |       | \      | \           | \          | \           | \      | 1.967  | 4.000  | SUM    |
|          |       | 2414.0 | -51.36      | 1.50       | 0.00        | -49.86 | 10.328 | 20.000 | ✦6     |
| DC3.7V   | 2472  | 2334.7 | -58.60      | 1.50       | 0.00        | -57.10 | 1.950  | 20.000 | ✦6     |
|          |       | \      | \           | \          | \           | \      | 12.277 | 20.000 | SUM    |
|          |       | 80.0   | -66.61      | 1.50       | 0.00        | -65.11 | 0.308  | 4.000  | ✦5     |
|          |       | 40.0   | -74.99      | 1.50       | 0.00        | -73.49 | 0.045  | 4.000  | ✦5     |
|          |       | 160.0  | -66.49      | 1.50       | 0.00        | -64.99 | 0.317  | 4.000  | ✦5     |
|          |       | 200.0  | -69.62      | 1.50       | 0.00        | -68.12 | 0.154  | 4.000  | ✦5     |
|          |       | 240.4  | -71.26      | 1.50       | 0.00        | -69.76 | 0.106  | 4.000  | ✦5     |
|          |       | 200.4  | -72.25      | 1.50       | 0.00        | -70.75 | 0.084  | 4.000  | ✦5     |
|          |       | 480.1  | -73.35      | 1.50       | 0.00        | -71.85 | 0.065  | 4.000  | ✦5     |
|          |       | 320.3  | -73.77      | 1.50       | 0.00        | -72.27 | 0.059  | 4.000  | ✦5     |
| DC3.7V   | 2472  | 280.3  | -73.92      | 1.50       | 0.00        | -72.42 | 0.057  | 4.000  | ✦5     |
|          |       | 560.0  | -74.29      | 1.50       | 0.00        | -72.79 | 0.053  | 4.000  | ✦5     |
|          |       | 944.0  | -74.82      | 1.50       | 0.00        | -73.32 | 0.047  | 4.000  | ✦5     |
|          |       | 640.0  | -75.39      | 1.50       | 0.00        | -73.89 | 0.041  | 4.000  | ✦5     |
|          |       | 499.7  | -73.44      | 1.50       | 0.00        | -71.94 | 0.064  | 4.000  | ✦5     |
|          |       | 953.4  | -70.98      | 1.50       | 0.00        | -69.48 | 0.113  | 4.000  | ✦5     |
|          |       | \      | \           | \          | \           | \      | 1.513  | 4.000  | SUM    |
|          |       | 2414.0 | -51.16      | 1.50       | 0.00        | -49.66 | 10.814 | 20.000 | ✦6     |
|          |       | 2335.0 | -62.62      | 1.50       | 0.00        | -61.12 | 0.773  | 20.000 | ✦6     |
|          |       | \      | \           | \          | \           | \      | 11.587 | 20.000 | SUM    |

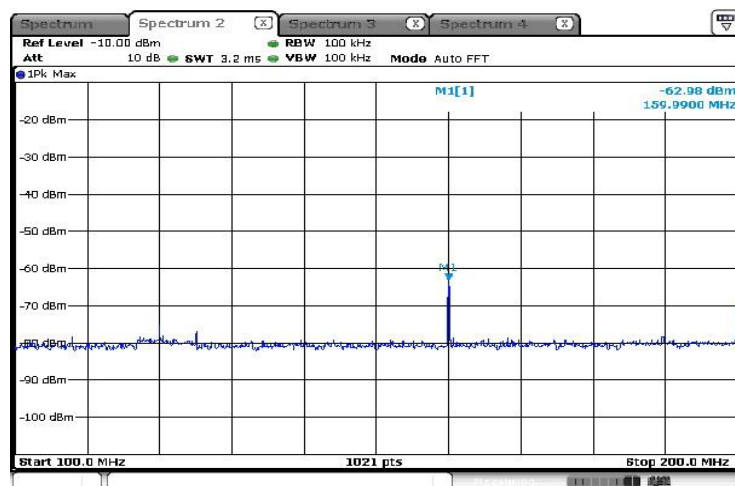
Sample Calculation :  
Result = Reading + Cable Loss + Atten loss  
✦5:Freq Range5 (≥ 30MHz, <1GHz)  
✦6:Freq Range6 (≥ 1GHz, ≤ 12.5GHz)

Rx1\_SpuriousG\_Nom (30MHz~100MHz)



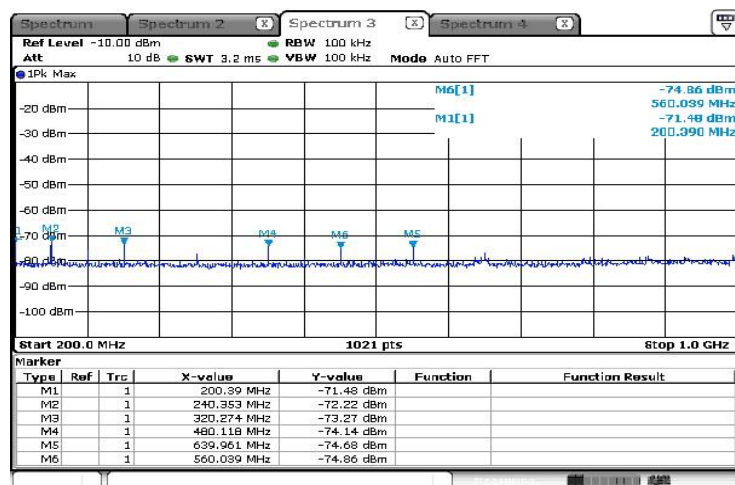
Date: 16 MAR 2018 07:24:21

Rx1\_SpuriousG\_Nom (100MHz~200MHz)



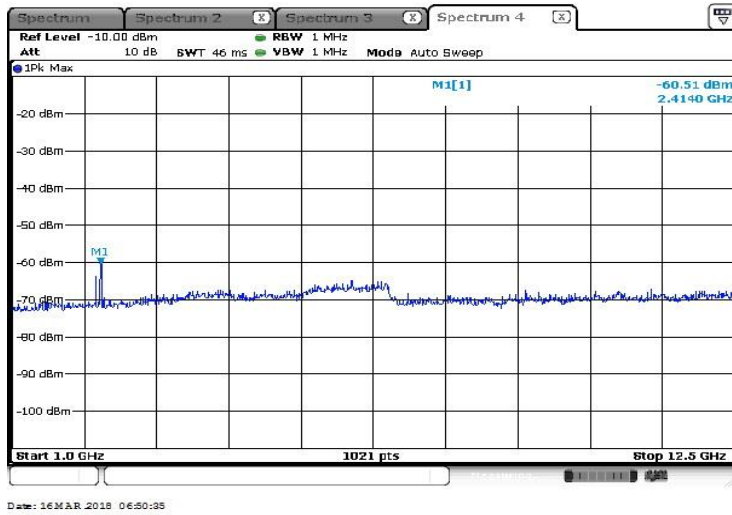
Date: 16 MAR 2018 06:48:41

Rx1\_SpuriousG\_Nom (200MHz~1000MHz)

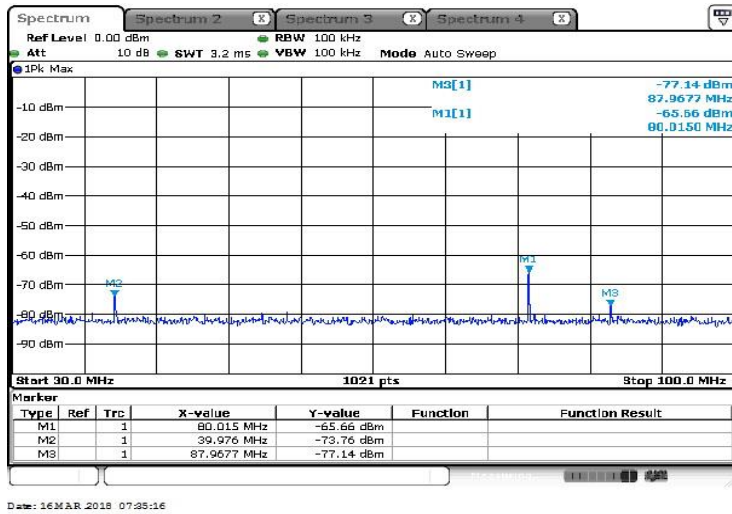


Date: 16 MAR 2018 06:49:20

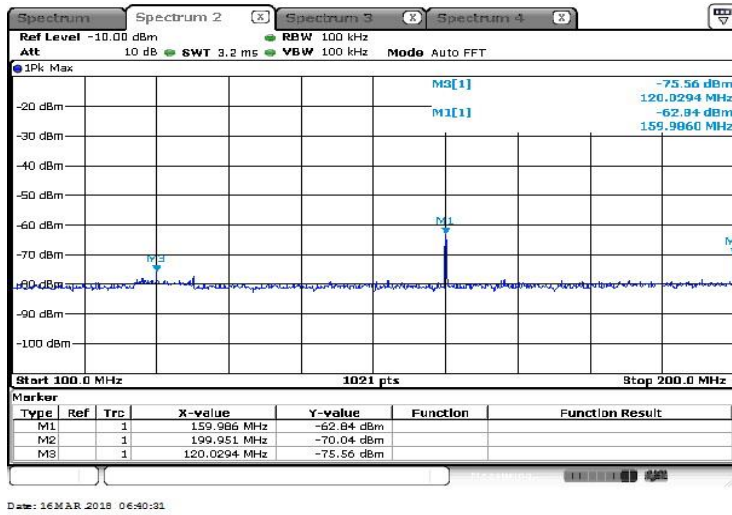
# Rx1\_SpuriousM\_Nom



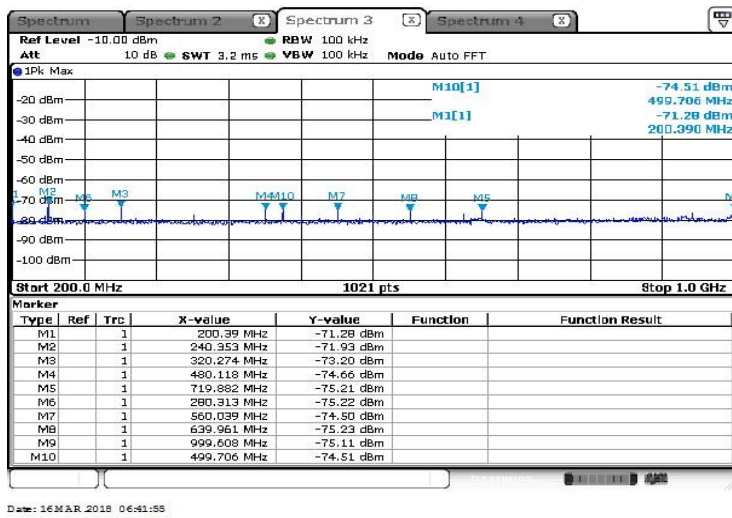
# Rx2\_SpuriousG\_Nom (30MHz~100MHz)



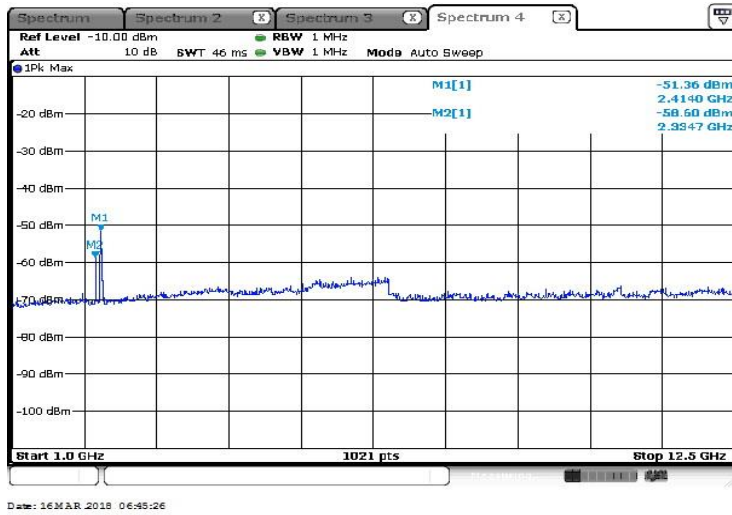
# Rx2\_SpuriousG\_Nom (100MHz~200MHz)



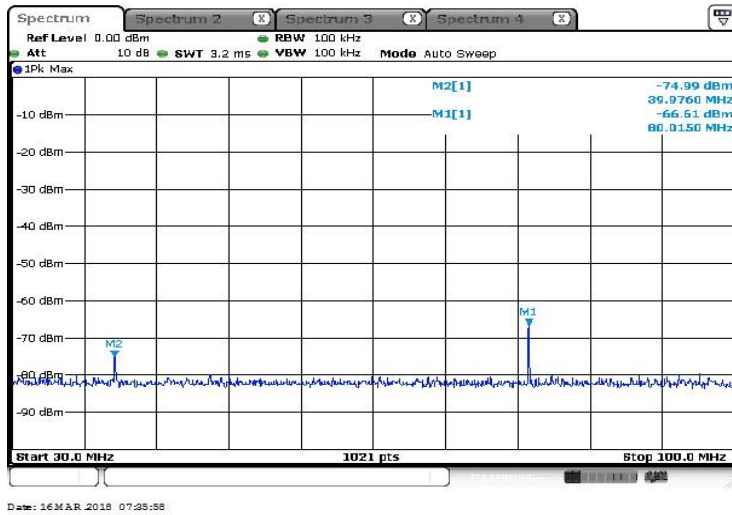
# Rx2\_SpuriousG\_Nom (200MHz~1000MHz)



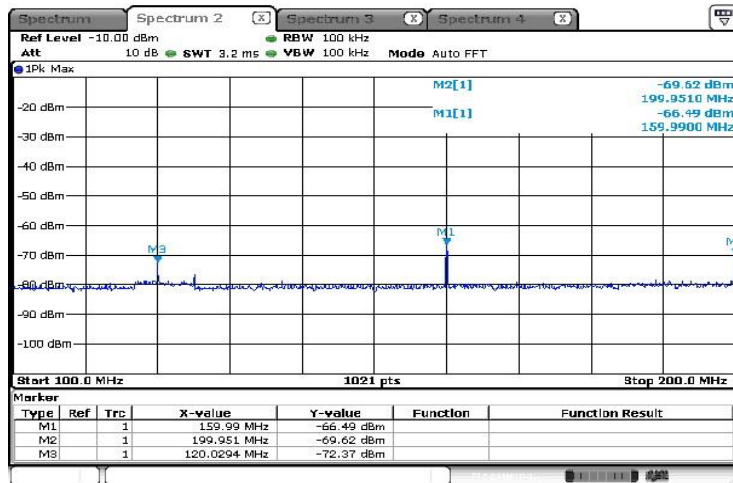
# Rx2\_SpuriousM\_Nom



# Rx3\_SpuriousG\_Nom (30MHz~100MHz)

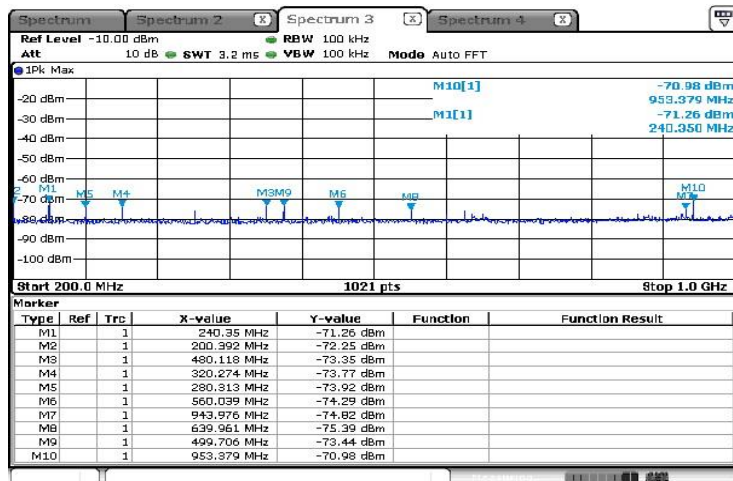


# Rx3\_SpuriousG\_Nom (100MHz~200MHz)



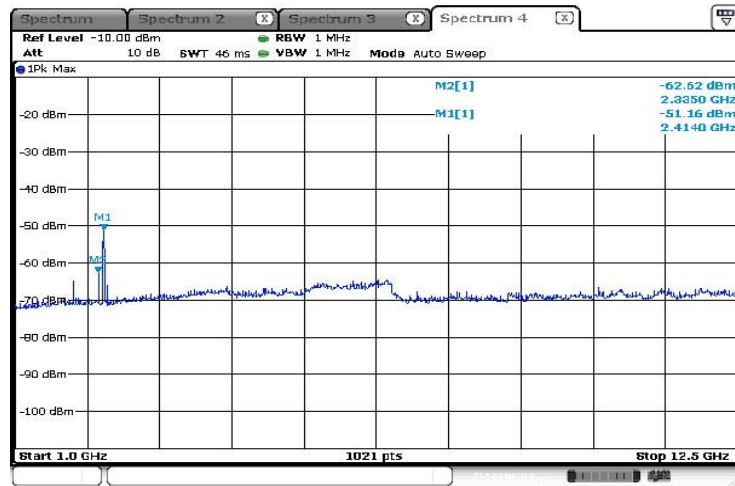
Date: 16 MAR 2018 06:56:01

# Rx3\_SpuriousG\_Nom (200MHz~1000MHz)



Date: 16 MAR 2018 06:57:08

Rx3\_SpuriousM\_Nom



Date: 16 MAR 2018 06:59:18

2.6. Duty / Burst Rate

Job No.4788346123-1

Remark1

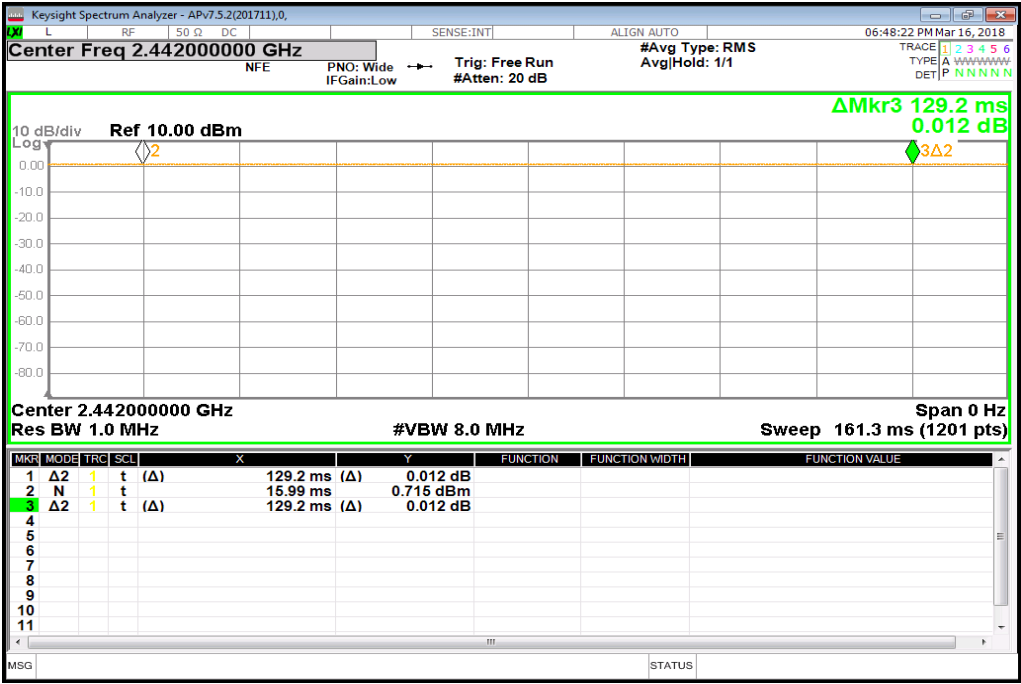
Remark2

[ DATA]

|         |       |         |        |               |                     |
|---------|-------|---------|--------|---------------|---------------------|
| Voltage | Freq. | On Time | Period | Result (Duty) | Result (Burst Rate) |
| [V]     | [MHz] | [msec]  | [msec] | [ %]          |                     |
| DC3.7V  | 2442  | 1.000   | 1.000  | 100.0         | 1.000               |

Sample Calculation :  
Result(Duty) = On Time / Period \* 100  
Result(Burst Rate) = Period / On Time

Tx2\_Duty\_Nom



### 3. Measurement Equipment

| Use | Int. No. | Kind of Equipment   | Model No. | Manufacturer | Serial No. | Calibration Authority | Calibration Date |
|-----|----------|---------------------|-----------|--------------|------------|-----------------------|------------------|
| X   | 0        | PXA signal analyzer | N9030A    | Keysight     | MY55410512 | CEPREI                | 12-Dec-17        |
|     | 0        | Power Meter         | N1912A    | Keysight     | MY55416024 | CEPREI                | 12-Dec-17        |
|     | 0        | Power Sensor        | E9323A    | Keysight     | MY55420006 | CEPREI                | 12-Dec-17        |
| X   | 0        | Signal Analyzer     | FSV40     | R&S          | 101118     | CEPREI                | 12-Dec-17        |
| X   | 0        | DC power supply     | E36103A   | Keysight     | MY55350020 | CEPREI                | 12-Dec-17        |

- Note :
1. The calibration of measurement equipment is valid for a one year period.
  2. "X" used equipment.
  3. All equipment is calibrated and traceable to ISO17025

### 4. Test Condition

| Test Item                            | Date      | Temp    | Hum | Engineer | Test Room        |
|--------------------------------------|-----------|---------|-----|----------|------------------|
| Frequency Tolerance                  | 16-Mar-18 | 23.2 °C | 61% | Kebo     | Shielding Room A |
| Occupied Bandwidth                   | 16-Mar-18 | 23.2 °C | 61% | Kebo     | Shielding Room A |
| Unwanted Emission Strength           | 18-Apr-18 | 22.5 °C | 63% | Kebo     | Shielding Room A |
| Output Power/ E.I.R.P                | 19-Apr-18 | 22.7 °C | 64% | Kebo     | Shielding Room A |
| Secondary Radiated Emission Strength | 16-Mar-18 | 23.2 °C | 61% | Kebo     | Shielding Room A |
| Burst Length / Duty                  | 16-Mar-18 | 23.2 °C | 61% | Kebo     | Shielding Room A |

## 5. TEST CONFIGURATION

PHOTO

