

## FCC Part 15.247

## Test Information:

<b>Serial No.:</b>	2J60-3	<b>Test Date:</b>	2024/04/03
<b>Test Site:</b>	RF	<b>Test Mode:</b>	Transmitting
<b>Tester:</b>	Lingling Li	<b>Test Result:</b>	Pass

## Environmental Conditions:

<b>Temperature:</b> (°C)	26.1	<b>Relative Humidity:</b> (%)	48	<b>ATM Pressure:</b> (kPa)	101.3
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## Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	100147	2024/04/01	2025/03/31
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).

**6dB Emission Bandwidth****BLE 1M**

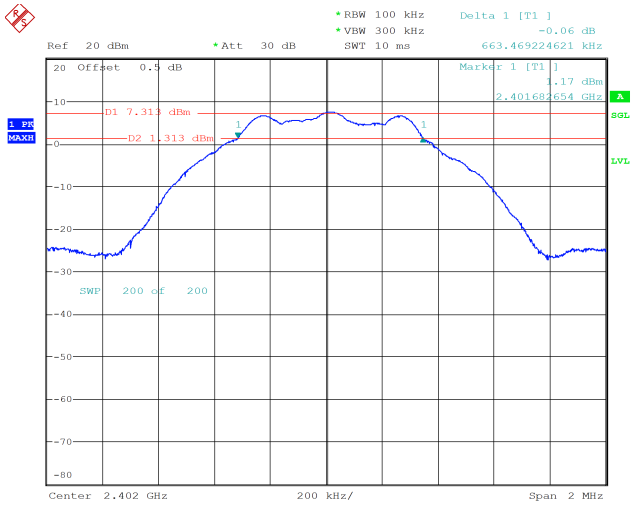
<b>Mode</b>	<b>Value (MHz)</b>	<b>Limit (MHz)</b>	<b>Result</b>
Low	0.663	0.5	Pass
Middle	0.667	0.5	Pass
High	0.662	0.5	Pass

**BLE 2M**

<b>Mode</b>	<b>Value (MHz)</b>	<b>Limit (MHz)</b>	<b>Result</b>
Low	1.151	0.5	Pass
Middle	1.154	0.5	Pass
High	1.148	0.5	Pass

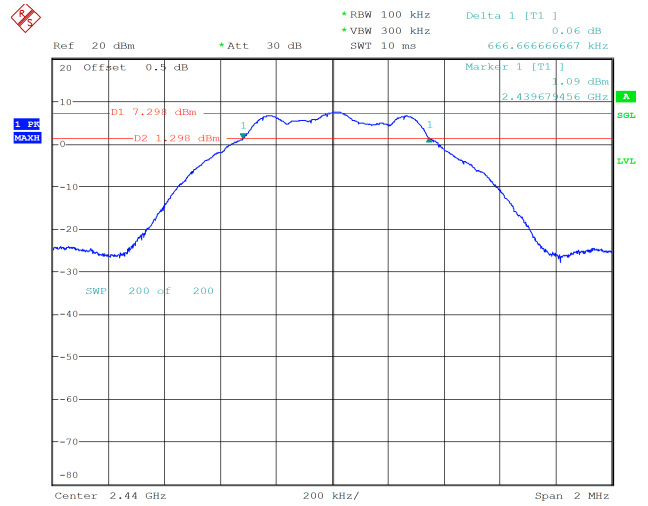
BLE 1M

Low 0.663 MHz



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 17:38:06

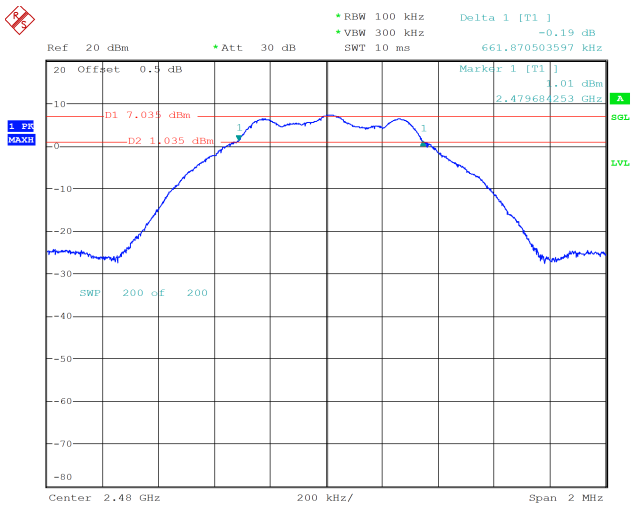
Middle 0.667 MHz



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 17:41:53

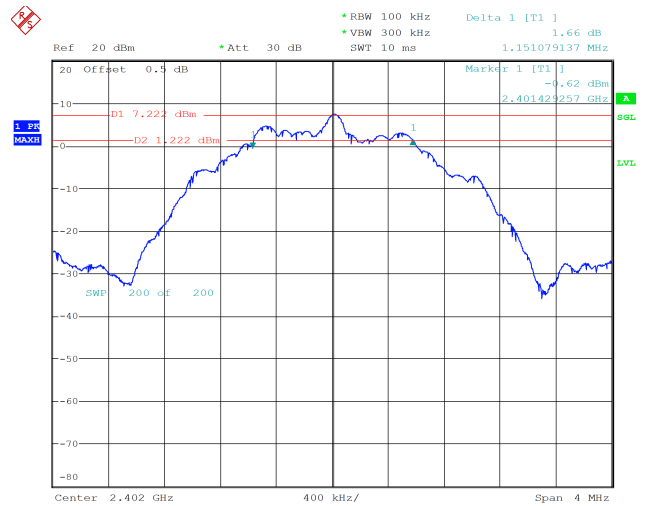
BLE 2M

High 0.662 MHz



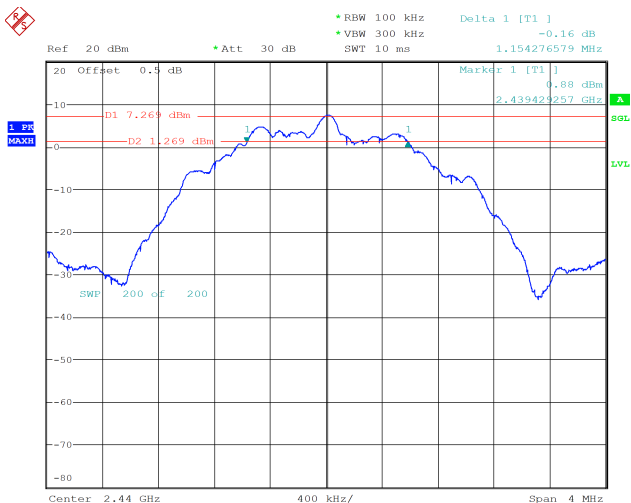
Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 17:44:48

Low 1.151 MHz



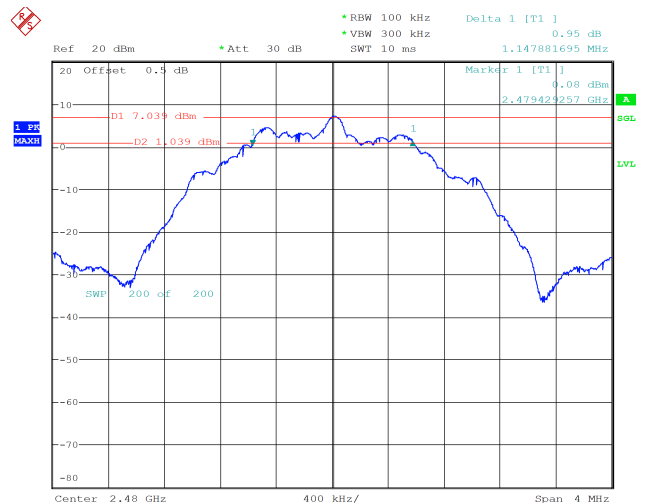
Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 18:01:59

Middle 1.154 MHz



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 18:08:44

High 1.148 MHz



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 18:14:59

**99% Occupied Bandwidth****BLE 1M**

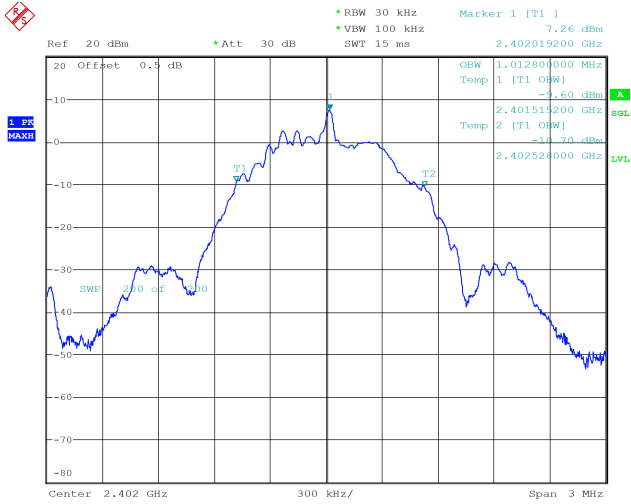
<b>Mode</b>	<b>99% OBW (MHz)</b>
Low	1.013
Middle	1.013
High	1.015

**BLE 2M**

<b>Mode</b>	<b>99% OBW (MHz)</b>
Low	2.006
Middle	2.006
High	2.006

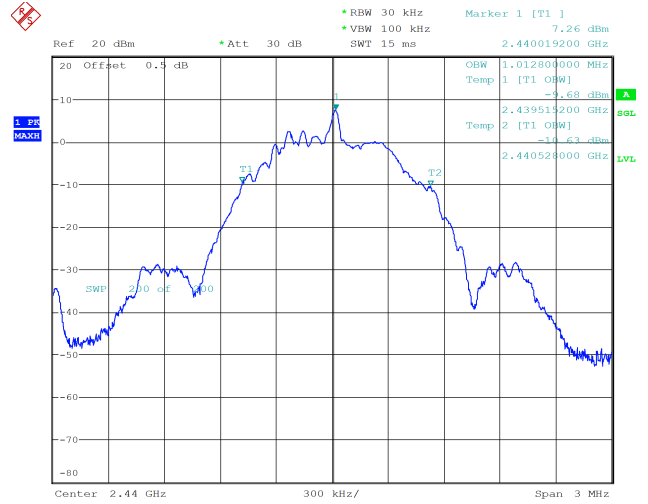
BLE 1M

Low 1.013 MHz



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
Date: 3.APR.2024 17:38:29

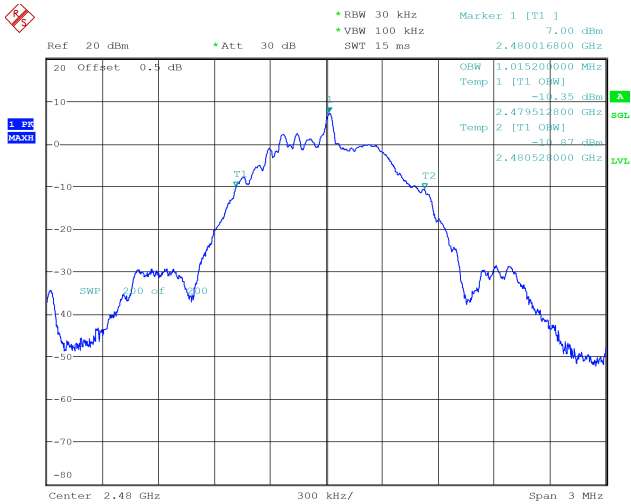
Middle 1.013 MHz



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
Date: 3.APR.2024 17:42:15

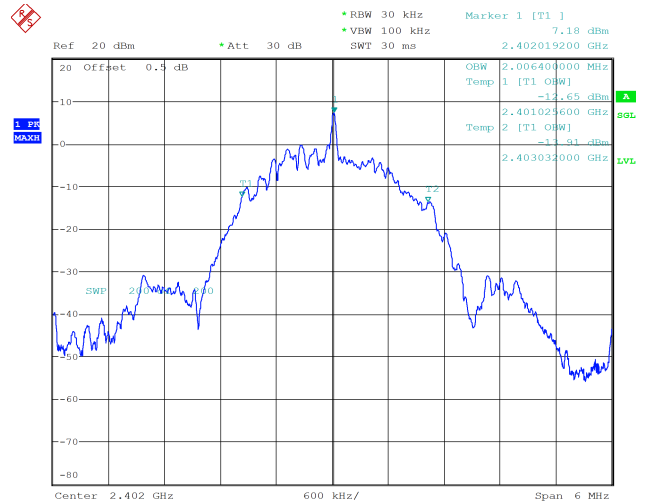
BLE 2M

High 1.015 MHz



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
Date: 3.APR.2024 17:45:11

Low 2.006 MHz



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
Date: 3.APR.2024 18:02:24

Middle 2.006 MHz



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
Date: 3.APR.2024 18:09:07

High 2.006 MHz



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
Date: 3.APR.2024 18:18:25

**Maximum Conducted Output Power****BLE 1M**

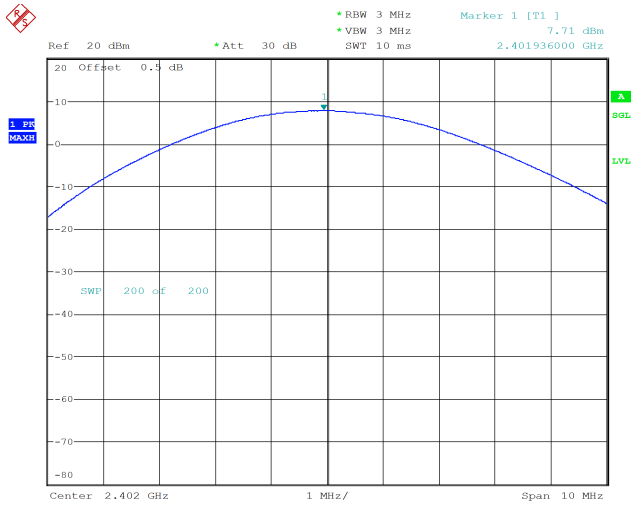
<b>Mode</b>	<b>Value (dBm)</b>	<b>Limit (dBm)</b>	<b>Result</b>
Low	7.71	30.00	Pass
Middle	7.70	30.00	Pass
High	7.46	30.00	Pass

**BLE 2M**

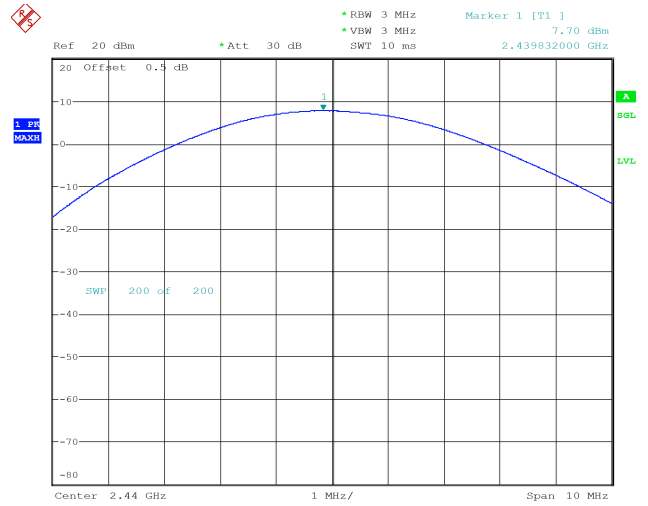
<b>Mode</b>	<b>Value (dBm)</b>	<b>Limit (dBm)</b>	<b>Result</b>
Low	7.58	30.00	Pass
Middle	7.65	30.00	Pass
High	7.43	30.00	Pass

### BLE 1M

Low 7.71 dBm



Middle 7.70 dBm

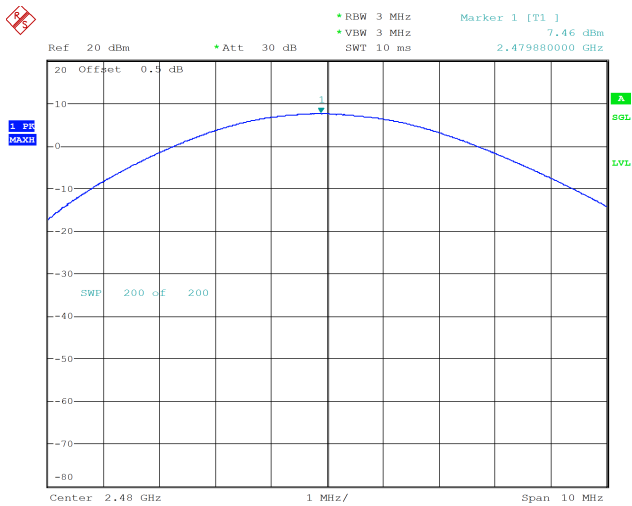


Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 17:38:49

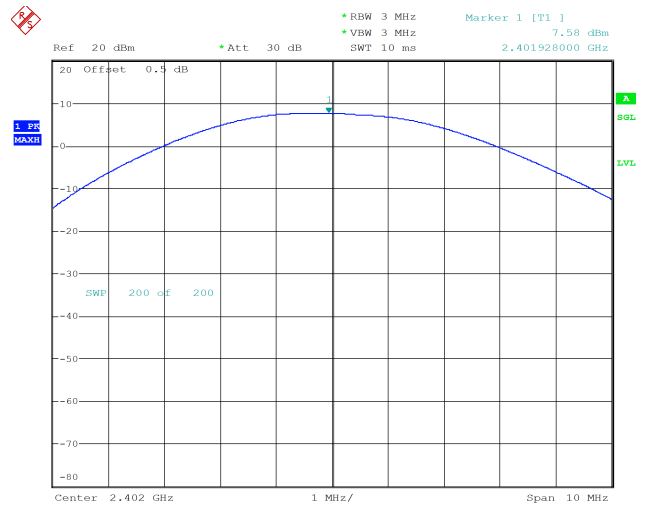
Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 17:42:35

### BLE 2M

High 7.46 dBm



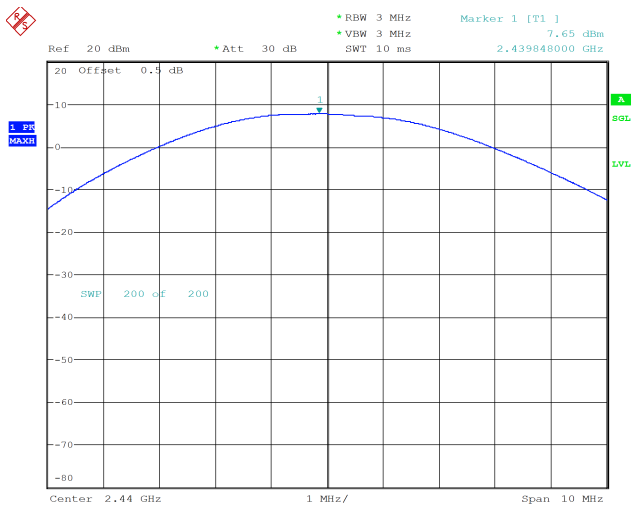
Low 7.58 dBm



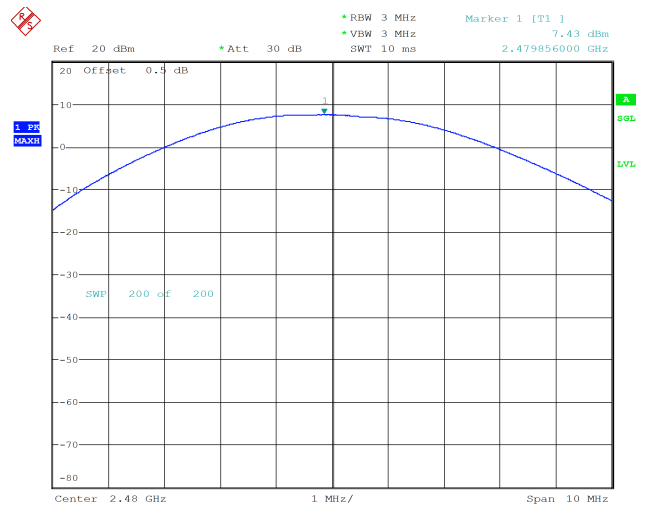
Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 17:45:31

Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 18:02:44

Middle 7.65 dBm



High 7.43 dBm



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 18:11:11

Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 18:18:45

**100 kHz Bandwidth of Frequency Band Edge****BLE 1M**

<b>Mode</b>	<b>Value (dB)</b>	<b>Limit (dB)</b>	<b>Result</b>
Low	40.19	20.00	Pass
High	51.20	20.00	Pass

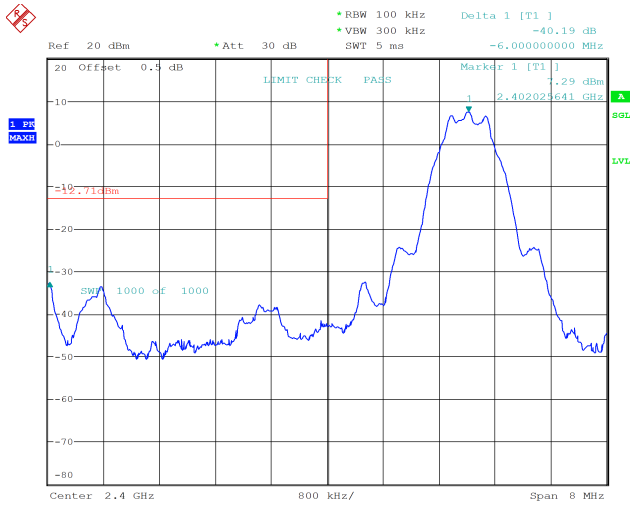
**BLE 2M**

<b>Mode</b>	<b>Value (dB)</b>	<b>Limit (dB)</b>	<b>Result</b>
Low	32.26	20.00	Pass
High	54.72	20.00	Pass



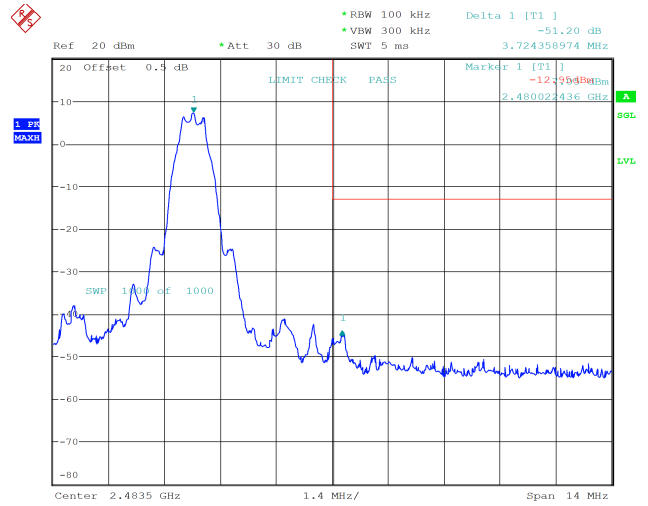
### BLE 1M

Low 40.19 dB



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 17:41:22

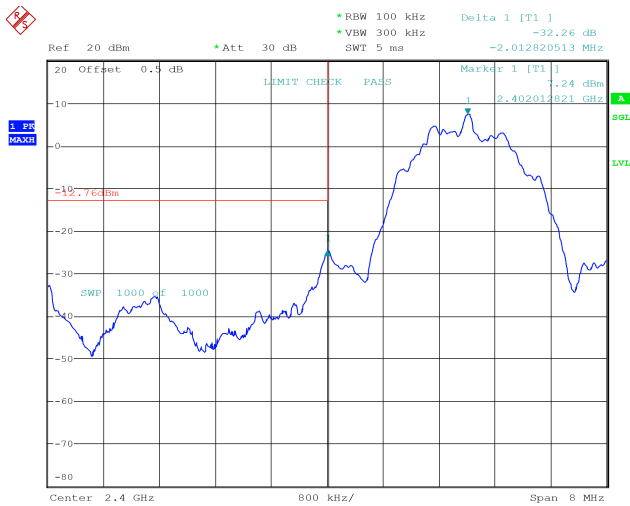
High 51.20 dB



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 17:44:26

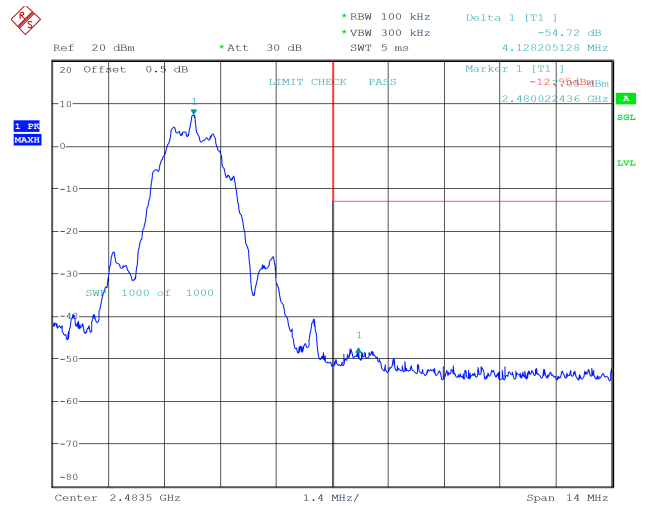
### BLE 2M

Low 32.26 dB



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 18:01:36

High 54.72 dB



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 18:14:34

**Power Spectral Density****BLE 1M**

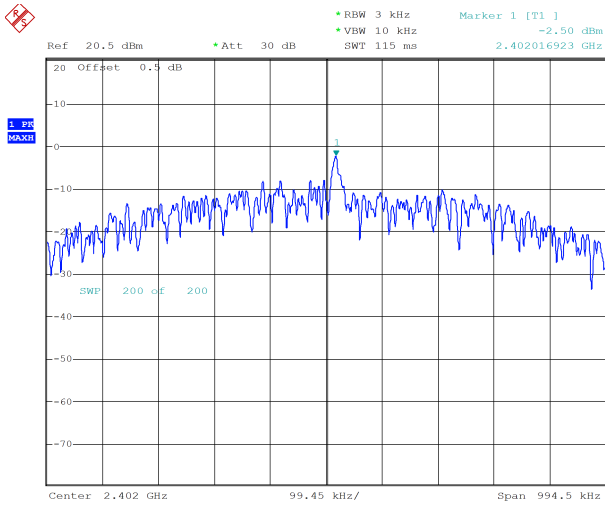
<b>Mode</b>	<b>Value (dBm/3kHz)</b>	<b>Limit (dBm/3kHz)</b>	<b>Result</b>
Low	-2.50	8.00	Pass
Middle	-2.79	8.00	Pass
High	-2.77	8.00	Pass

**BLE 2M**

<b>Mode</b>	<b>Value (dBm/3kHz)</b>	<b>Limit (dBm/3kHz)</b>	<b>Result</b>
Low	-3.39	8.00	Pass
Middle	-3.50	8.00	Pass
High	-3.53	8.00	Pass

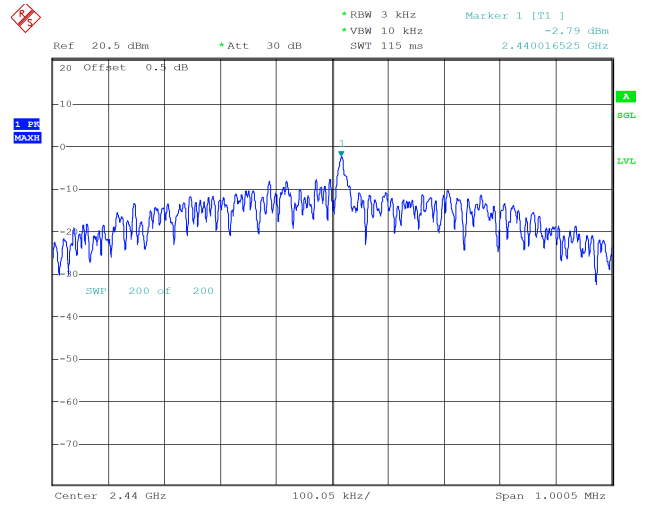
### BLE 1M

Low -2.50 dBm/3kHz



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 17:39:24

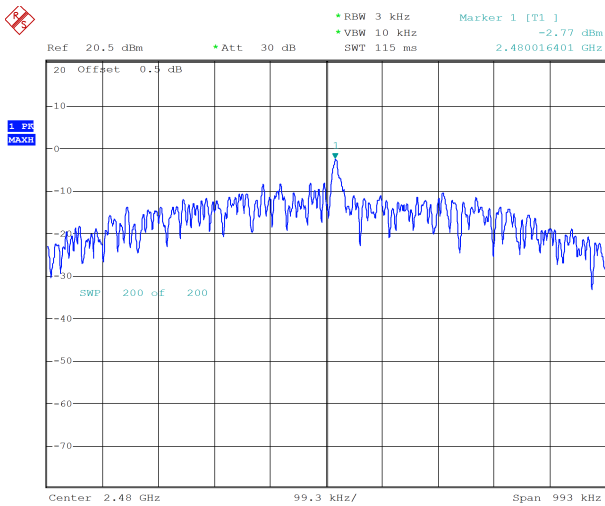
Middle -2.79 dBm/3kHz



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 17:43:09

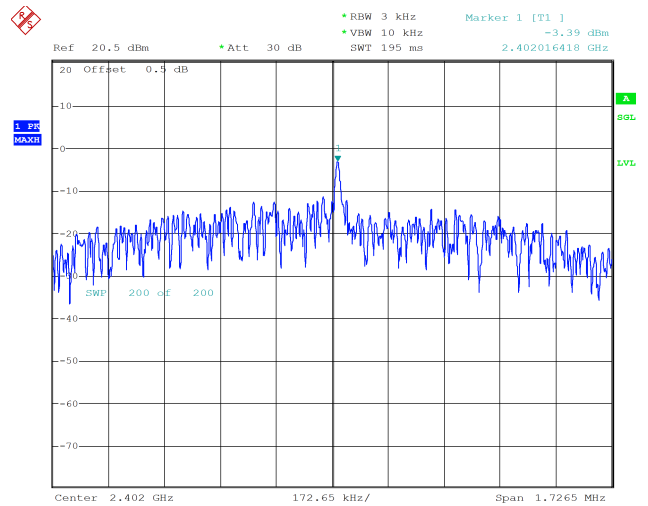
### BLE 2M

High -2.77 dBm/3kHz



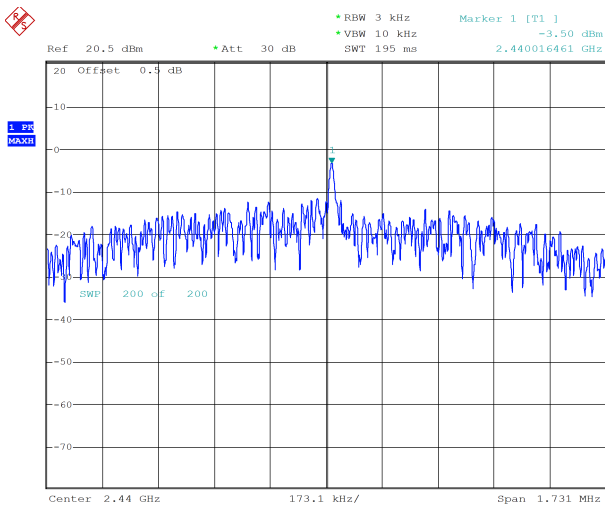
Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 17:46:05

Low -3.39 dBm/3kHz



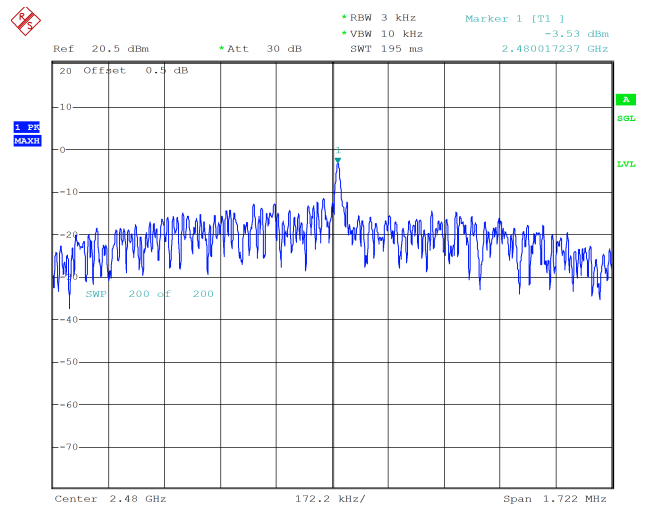
Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 18:07:55

Middle -3.50 dBm/3kHz



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 18:12:01

High -3.53 dBm/3kHz



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 18:16:35

**Duty Cycle****BLE 1M**

<b>Mode</b>	<b>Ton (ms)</b>	<b>Ton+Toff (ms)</b>	<b>Duty Cycle (%)</b>	<b>1/Ton (Hz)</b>	<b>VBW Setting (kHz)</b>
Middle	0.442	0.625	70.72	2262	3

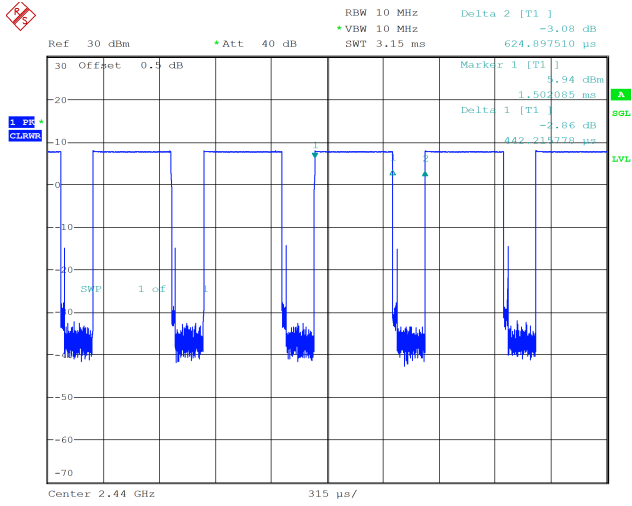
**BLE 2M**

<b>Mode</b>	<b>Ton (ms)</b>	<b>Ton+Toff (ms)</b>	<b>Duty Cycle (%)</b>	<b>1/Ton (Hz)</b>	<b>VBW Setting (kHz)</b>
Middle	0.257	0.625	41.12	3891	5

**Duty Cycle = Ton/(Ton+Toff)\*100%**

### BLE 1M

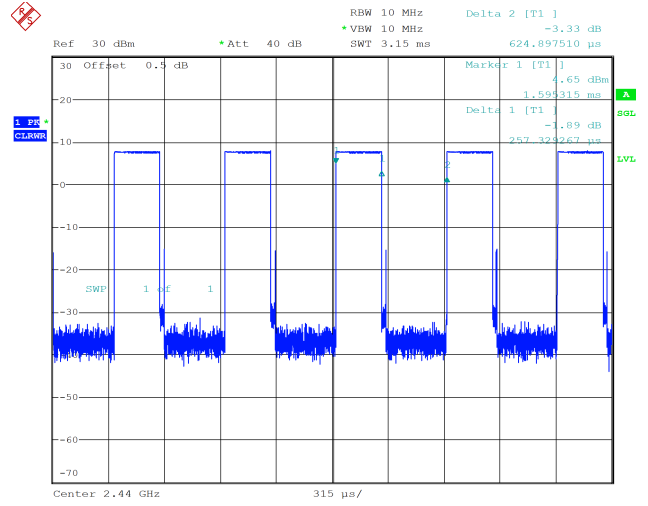
Middle  
0.442 ms,0.625ms



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 17:37:15

### BLE 2M

Middle  
0.257 ms,0.625ms



Comment: ProjectNo.:CR240315580-RF Tester:Lingling Li  
 Date: 3.APR.2024 18:00:15