

FCC Part 15.247

Test Information:

Serial No.:	2FUQ-1	Test Date:	2023-12-29
Test Site:	RF	Test Mode:	Transmitting
Tester:	Arthur Su	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	22.7	Relative Humidity: (%)	60	ATM Pressure: (kPa)	101.5
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	200256	2023-03-31	2024-03-30
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A

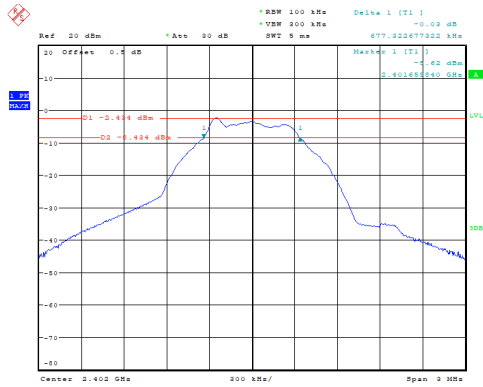
* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

6dB Emission Bandwidth**BLE 1M**

Mode	Value (MHz)	Limit (MHz)	Result
Low	0.677	0.5	Pass
Middle	0.671	0.5	Pass
High	0.674	0.5	Pass

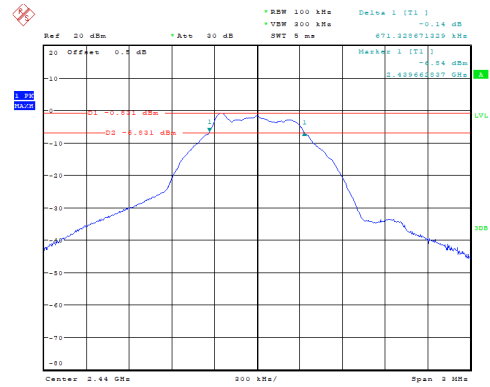
BLE 1M

Low 0.677 MHz



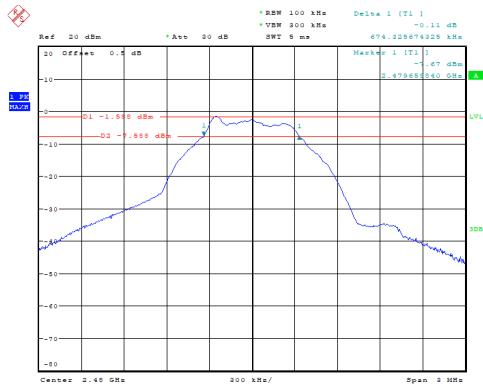
ProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.DEC.2023 14:51:10

Middle 0.671 MHz



ProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.DEC.2023 14:52:46

High 0.674 MHz



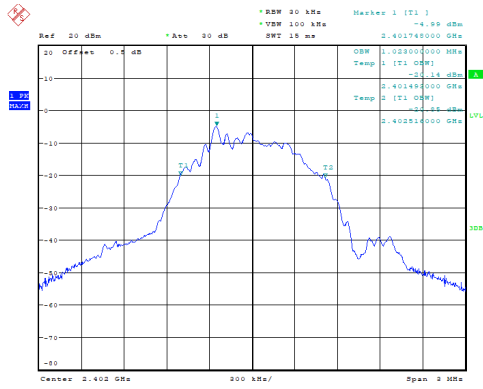
ProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.DEC.2023 14:53:47

99% Occupied Bandwidth**BLE 1M**

Mode	99% OBW (MHz)
Low	1.023
Middle	1.020
High	1.023

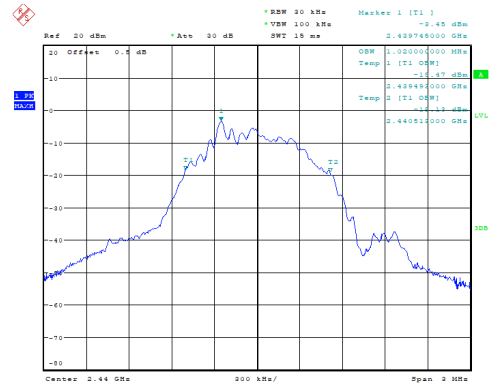
BLE 1M

Low 1.023 MHz



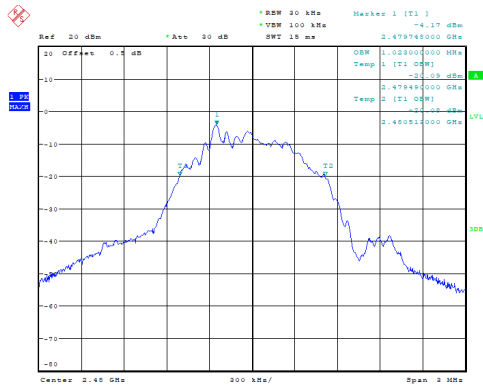
ProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.DEC.2023 15:21:55

Middle 1.020 MHz



ProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.DEC.2023 15:25:43

High 1.023 MHz



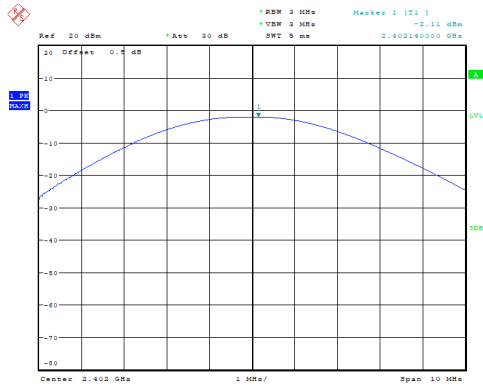
ProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.DEC.2023 15:23:55

Maximum Conducted Output Power**BLE 1M**

Mode	Value (dBm)	Limit (dBm)	Result
Low	-2.11	30.00	Pass
Middle	-0.57	30.00	Pass
High	-1.37	30.00	Pass

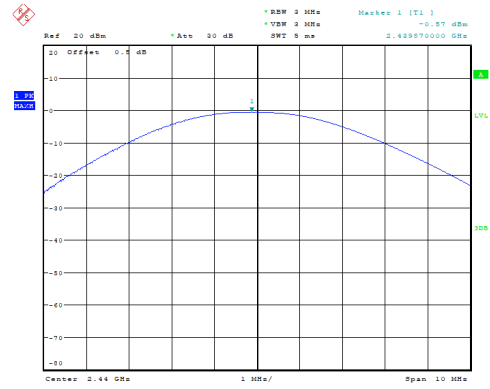
BLE 1M

Low -2.11 dBm



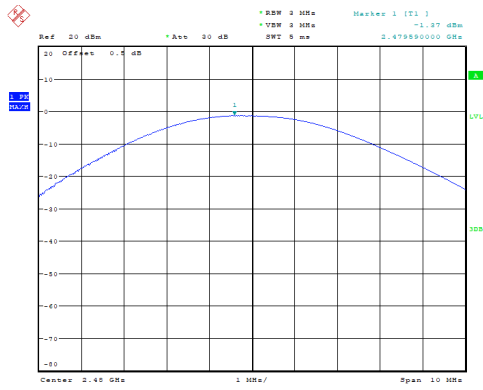
ProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.DEc.2023 14:32:10

Middle -0.57 dBm



ProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.DEc.2023 14:39:48

High -1.37 dBm



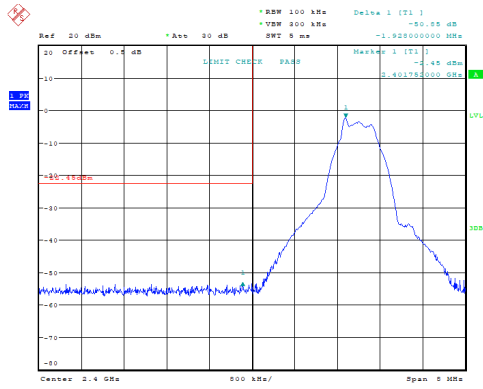
ProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.DEc.2023 14:42:20

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

Mode	Value (dB)	Limit (dB)	Result
Low	50.85	20.00	Pass
High	51.65	20.00	Pass

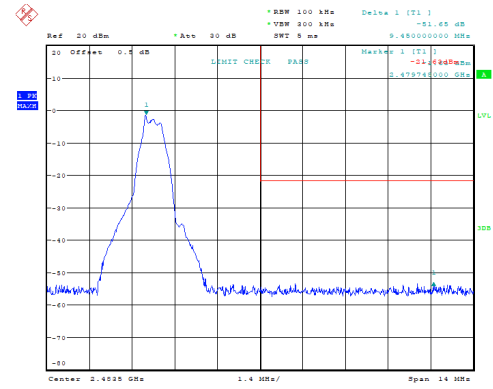
BLE 1M

Low 50.85 dB



ProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.EEC.2023 14:32:54

High 51.65 dB



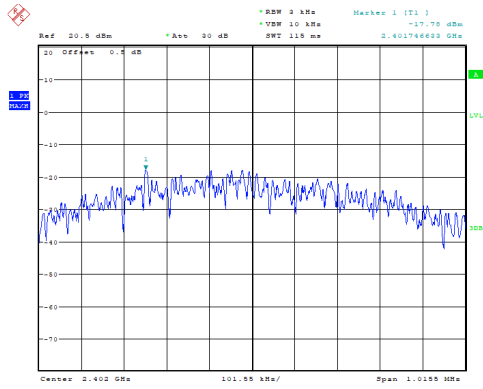
ProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.EEC.2023 14:43:04

Power Spectral Density**BLE 1M**

Mode	Value (dBm/3kHz)	Limit (dBm/3kHz)	Result
Low	-17.78	8.00	Pass
Middle	-16.13	8.00	Pass
High	-16.83	8.00	Pass

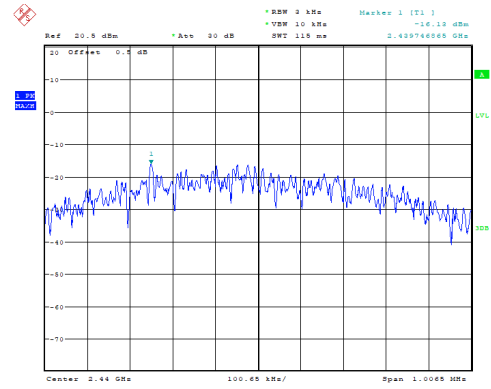
BLE 1M

Low -17.78 dBm/3kHz



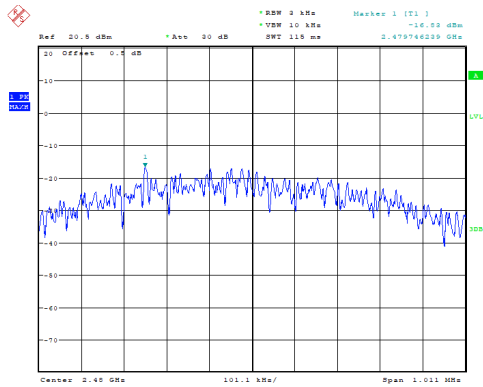
ProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.DEC.2023 14:51:25

Middle -16.13 dBm/3kHz



ProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.DEC.2023 14:53:00

High -16.83 dBm/3kHz



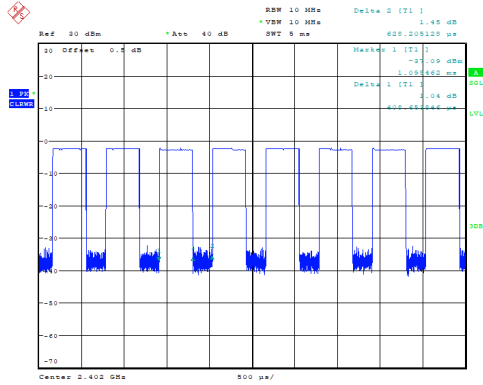
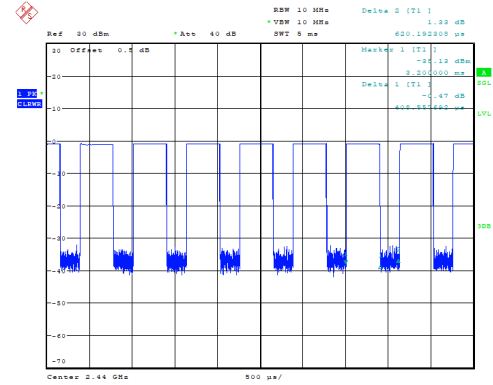
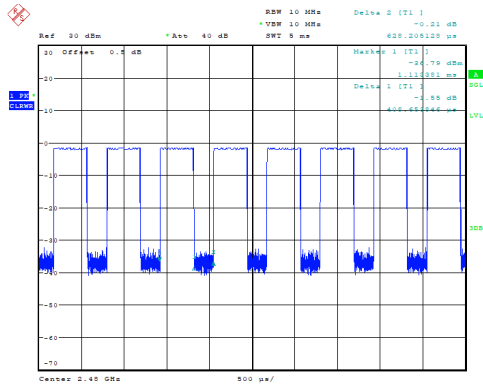
ProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.DEC.2023 14:54:01

Duty Cycle**BLE 1M**

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	1/T (Hz)	VBW Setting (kHz)	Result
Low	0.409	0.628	65.13	2445	3	Pass
Middle	0.409	0.620	65.97	2445	3	Pass
High	0.409	0.628	65.13	2445	3	Pass

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

BLE 1M

Low
0.409 ms,0.628 msProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.DEC.2023 14:36:07Middle
0.409 ms,0.620 msProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.DEC.2023 14:41:20High
0.409 ms,0.628 msProjectNo.:CR231278723-RF Tester:Arthur Su
Date: 29.DEC.2023 14:44:59