

Test Information:

Sample No.:	2Z6H-2	Test Date:	2025/04/02~2025/04/22
Test Site:	RF	Test Mode:	Transmitting
Tester:	Leo Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.5-27.9	Relative Humidity: (%)	47-56	ATM Pressure: (kPa)	101.5-101.6
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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	2025/03/31	2026/03/30
R&S	Spectrum Analyzer	FSU26	200256	2025/03/31	2026/03/30
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

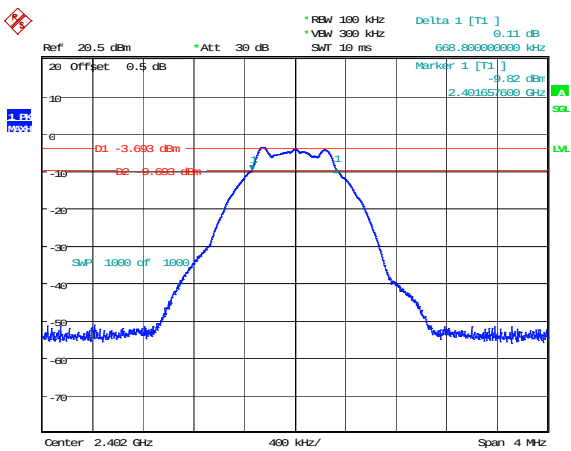
Channel	Result (MHz)	Limit (MHz)	Verdict
Low	0.669	≥0.5	Pass
Middle	0.672	≥0.5	Pass
High	0.669	≥0.5	Pass

BLE 2M

Channel	Result (MHz)	Limit (MHz)	Verdict
Low	1.176	≥0.5	Pass
Middle	1.166	≥0.5	Pass
High	1.158	≥0.5	Pass

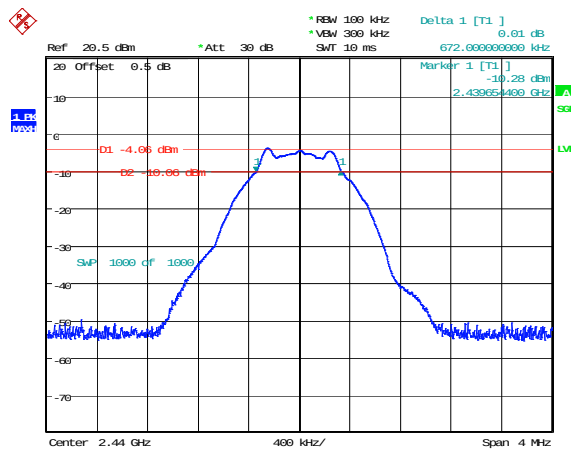
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:21:49

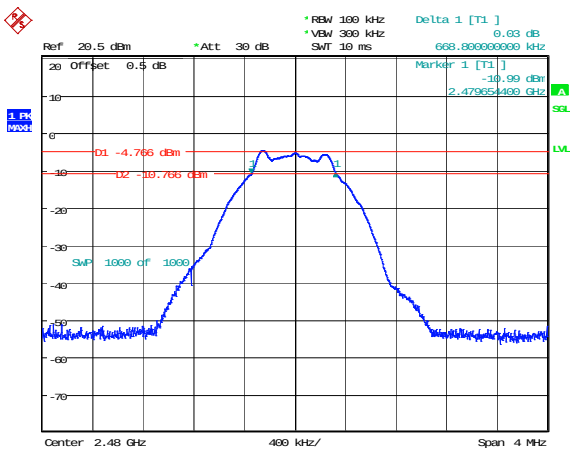
BLE_1M_Middle_Channel



Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:36:34

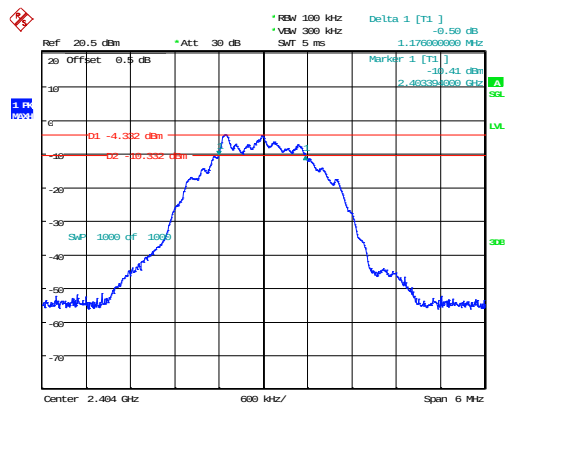
BLE 2M

BLE_1M_High_Channel



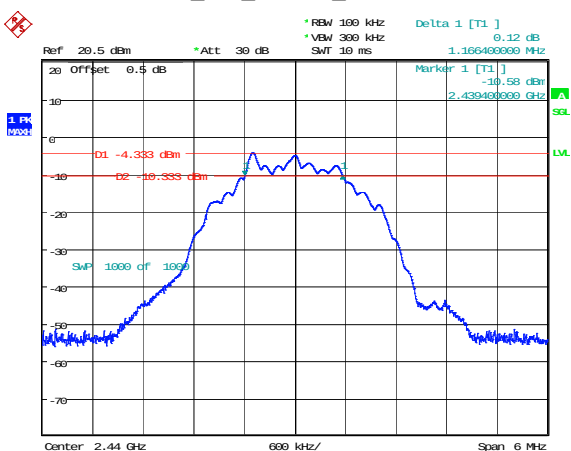
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:45:04

BLE_2M_Low_Channel



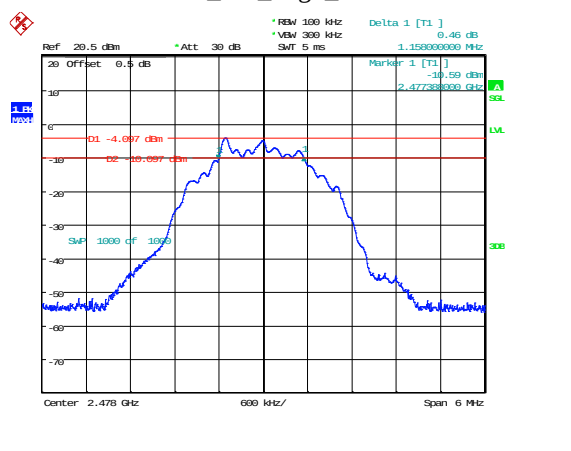
ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 22.APR.2025 22:39:23

BLE_2M_Middle_Channel



Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:57:36

BLE_2M_High_Channel



ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 22.APR.2025 22:44:36

99% Occupied Bandwidth

BLE 1M

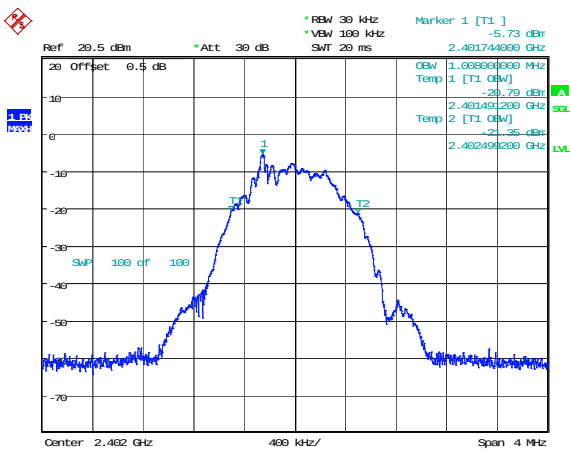
Channel	99% OBW (MHz)
Low	1.008
Middle	1.008
High	1.008

BLE 2M

Channel	99% OBW (MHz)
Low	2.016
Middle	2.011
High	2.010

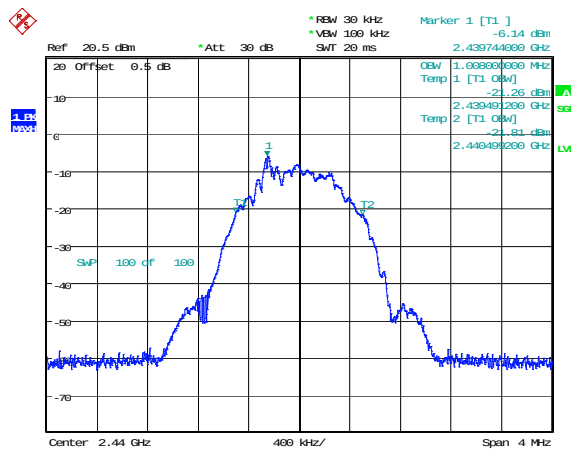
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:22:05

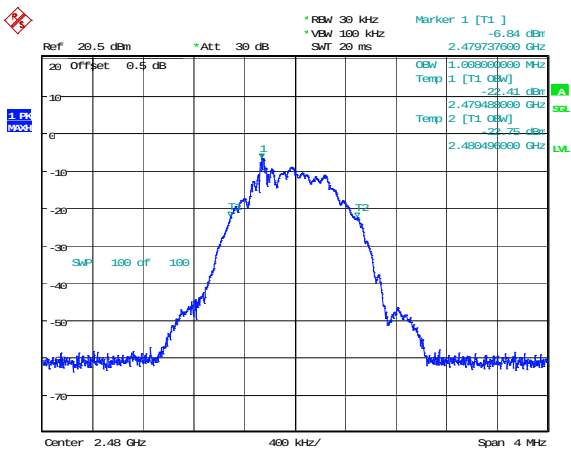
BLE_1M_Middle_Channel



Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:36:50

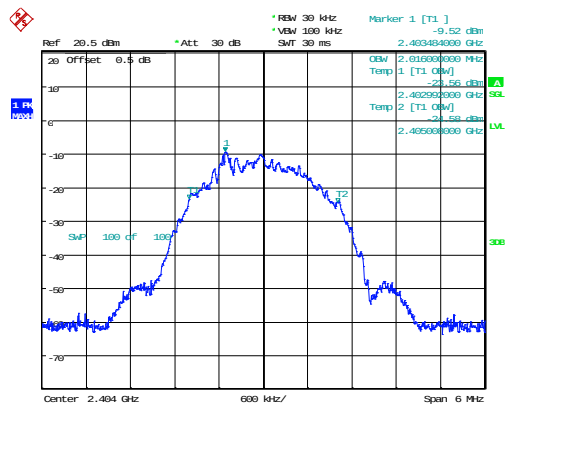
BLE 2M

BLE_1M_High_Channel



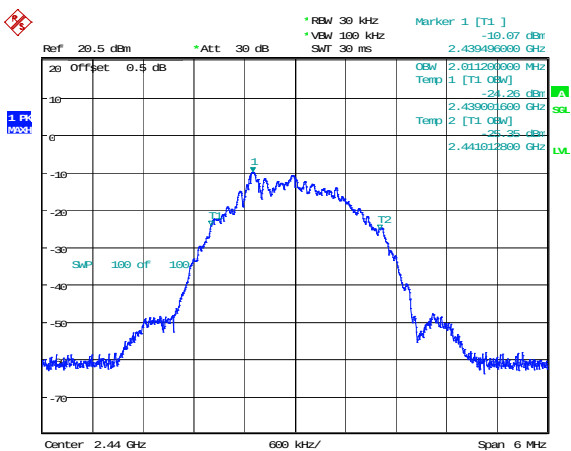
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:45:22

BLE_2M_Low_Channel



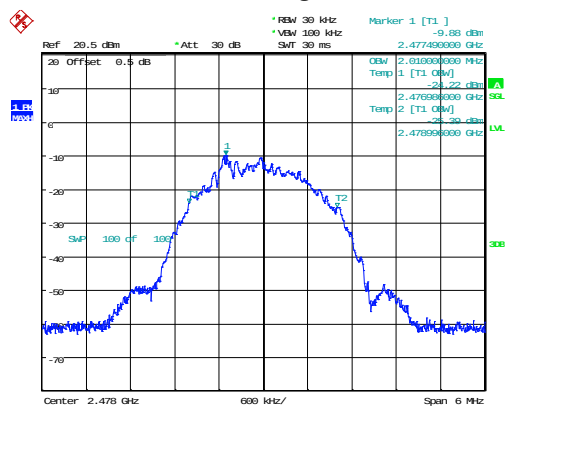
ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 22.APR.2025 22:39:47

BLE_2M_Middle_Channel



Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:57:52

BLE_2M_High_Channel



ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 22.APR.2025 22:45:01

Maximum Conducted Output Power

BLE 1M

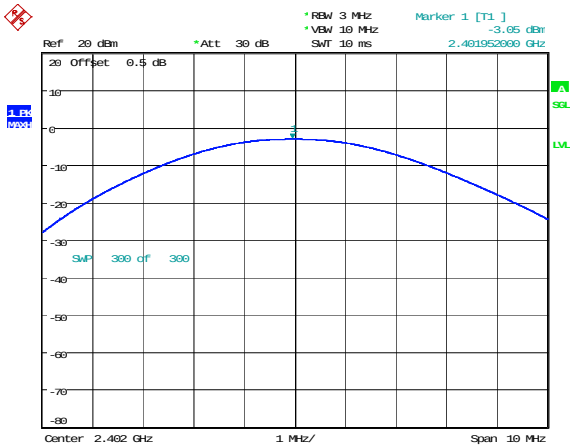
Channel	Peak Output Power (dBm)	Limit (dBm)	Verdict
Low	-3.05	30.00	Pass
Middle	-3.42	30.00	Pass
High	-4.23	30.00	Pass

BLE 2M

Channel	Peak Output Power (dBm)	Limit (dBm)	Verdict
Low	-2.87	30.00	Pass
Middle	-3.53	30.00	Pass
High	-3.39	30.00	Pass

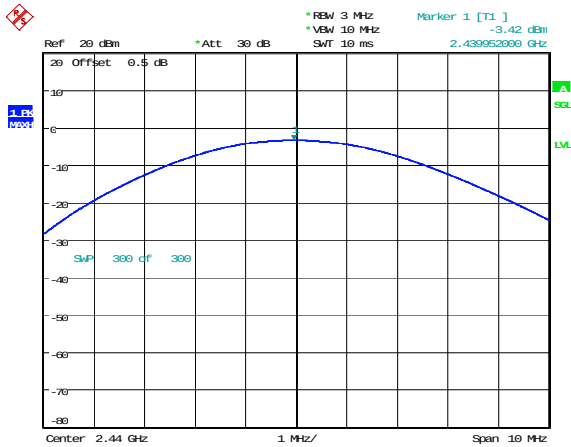
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:34:44

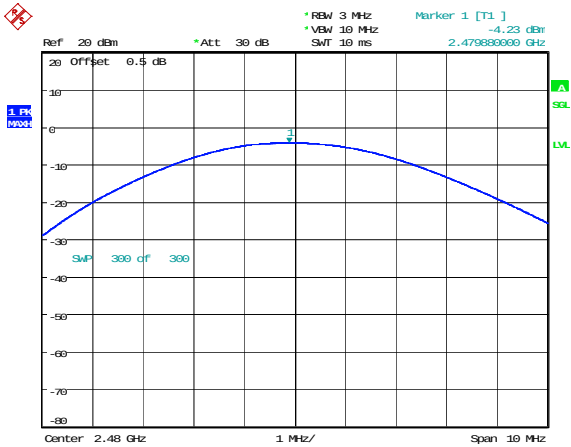
BLE_1M_Middle_Channel



Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:40:59

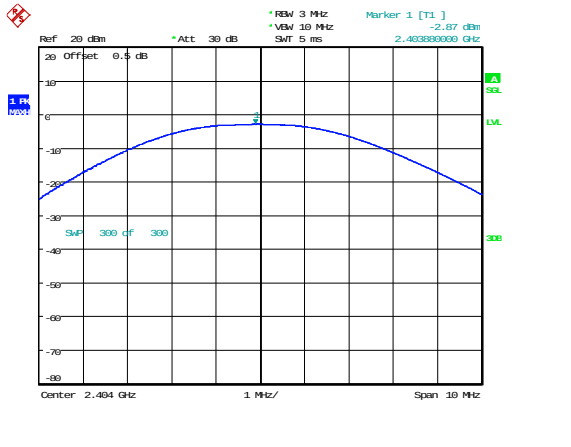
BLE 2M

BLE_1M_High_Channel



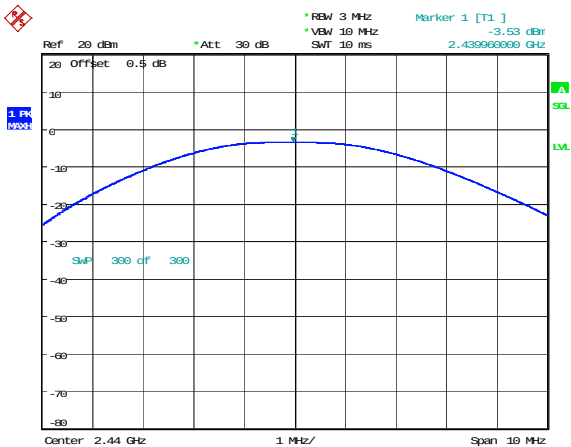
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:45:47

BLE_2M_Low_Channel



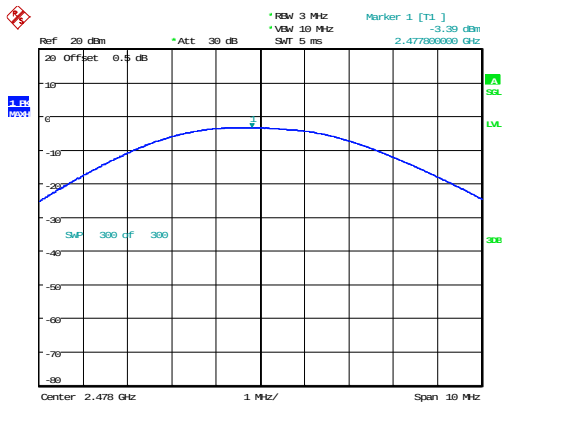
ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 22.APR.2025 22:48:16

BLE_2M_Middle_Channel



Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:58:16

BLE_2M_High_Channel



ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 22.APR.2025 22:45:25

Power Spectral Density

BLE 1M

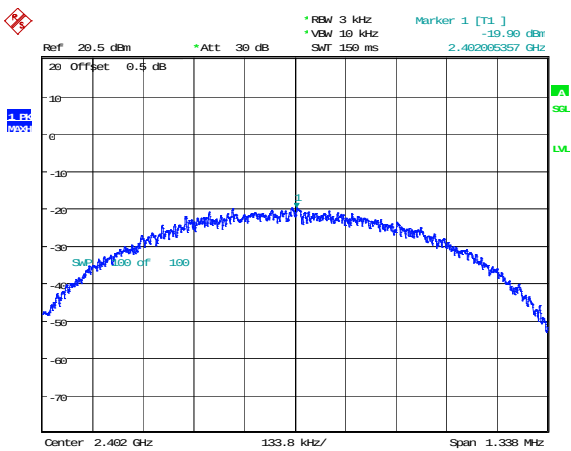
Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-19.90	8	Pass
Middle	-20.20	8	Pass
High	-21.07	8	Pass

BLE 2M

Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-23.00	8	Pass
Middle	-23.78	8	Pass
High	-23.68	8	Pass

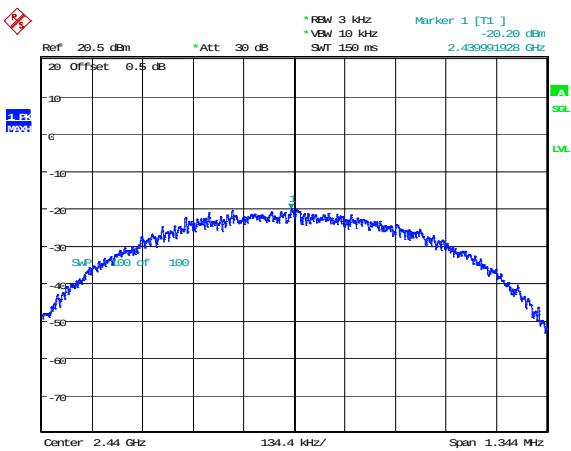
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:35:10

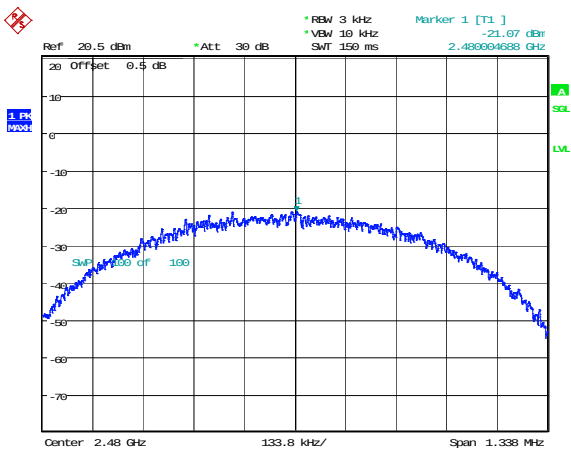
BLE_1M_Middle_Channel



Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:41:26

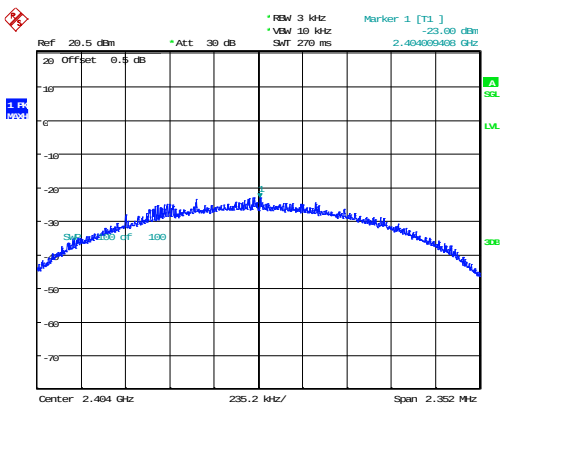
BLE 2M

BLE_1M_High_Channel



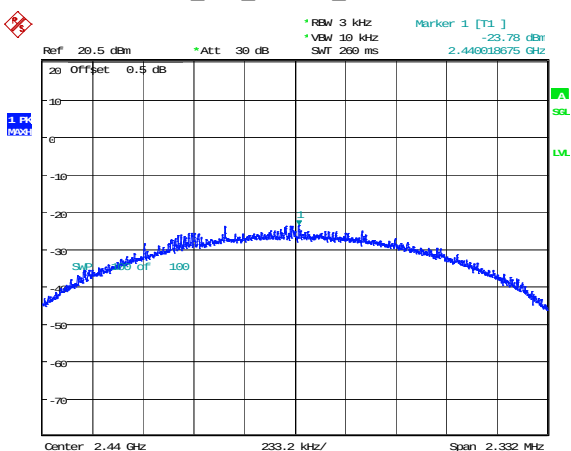
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:46:13

BLE_2M_Low_Channel



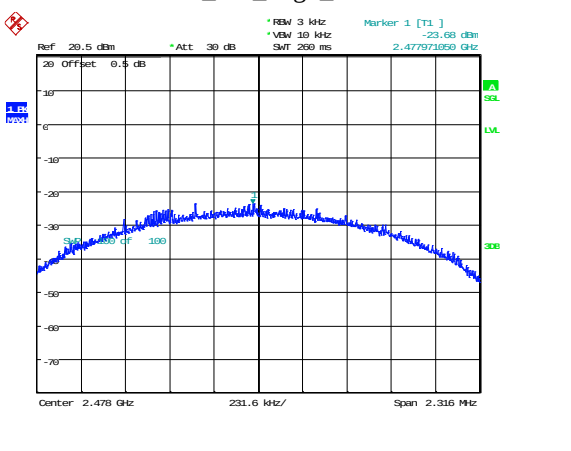
ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 22.APR.2025 22:48:56

BLE_2M_Middle_Channel



Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:58:54

BLE_2M_High_Channel



ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 22.APR.2025 22:46:08

100 kHz Bandwidth of Frequency Band Edge

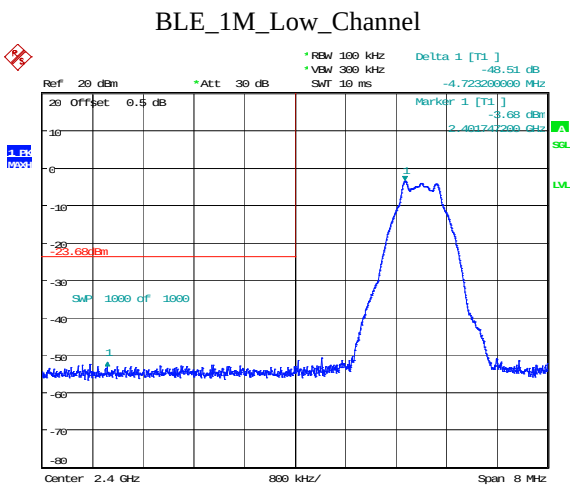
BLE 1M

Channel	Result (dB)	Limit (dB)	Verdict
Low	48.51	20	Pass
High	47.62	20	Pass

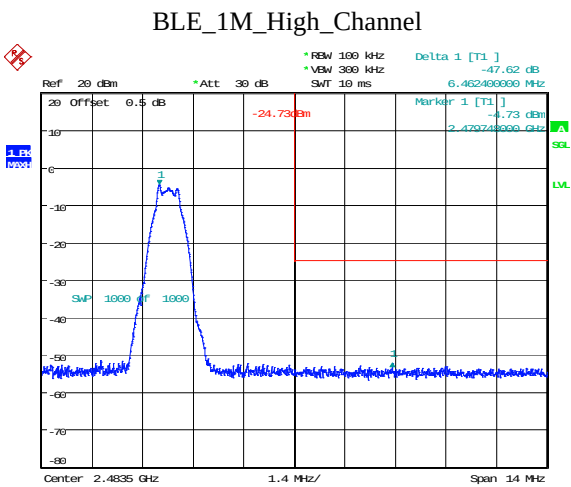
BLE 2M

Channel	Result (dB)	Limit (dB)	Verdict
Low	49.05	20	Pass
High	47.37	20	Pass

BLE 1M

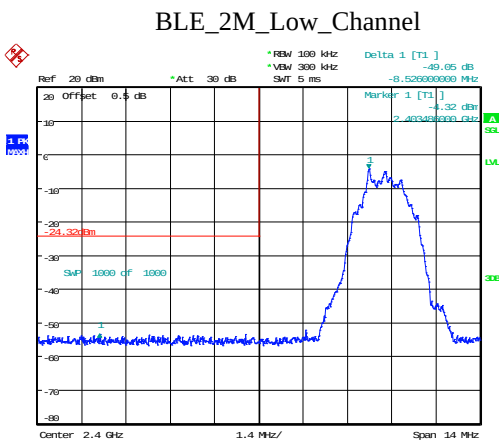


Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:20:40

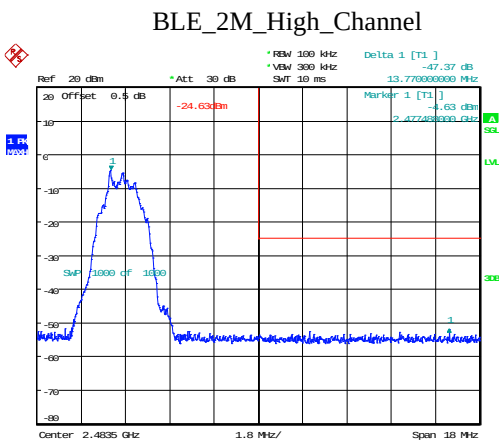


Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 08:43:42

BLE 2M



ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 22.APR.2025 22:38:18



ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 22.APR.2025 22:43:05

Duty Cycle

BLE 1M

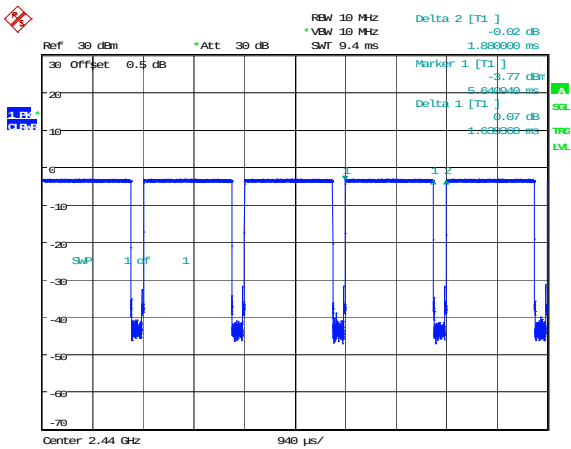
Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
Middle	1.639	1.880	87.18	0.60	610	1

BLE 2M

Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
Middle	0.823	1.250	65.84	1.82	1215	2

BLE 1M

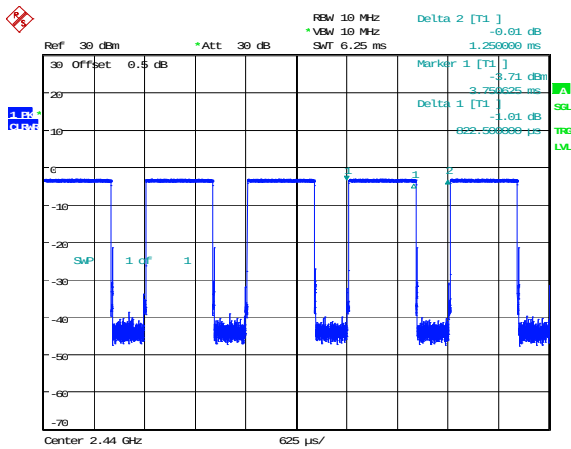
BLE_1M_Middle_Channel



Comment: ProjectNo.:2503R23056E-RF Tester:Leo L1
Date: 2.APR.2025 08:18:29

BLE 2M

BLE_2M_Middle_Channel



Comment: ProjectNo.:2503R23056E-RF Tester:Leo L1
Date: 2.APR.2025 08:19:06