

Test Information:

Sample No.:	3BXU-2	Test Date:	2025/11/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Chloe Zhao	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25	Relative Humidity: (%)	44	ATM Pressure: (kPa)	101.9
----------------------	----	---------------------------	----	------------------------	-------

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101591	2025/03/31	2026/03/30
R&S	Spectrum Analyzer	FSU26	200256	2025/03/31	2026/03/30

* 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).

4.3.1 6dB Emission Bandwidth

Chain 0, BLE 1M

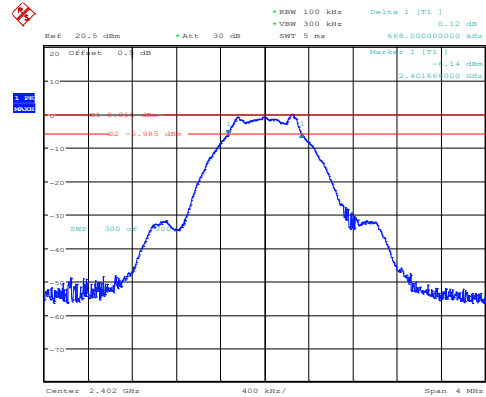
Channel	Result (MHz)	Limit (MHz)	Verdict
Low	0.668	≥0.5	Pass
Middle	0.693	≥0.5	Pass
High	0.668	≥0.5	Pass

Chain 0, BLE 2M

Channel	Result (MHz)	Limit (MHz)	Verdict
Low	1.267	≥0.5	Pass
Middle	1.177	≥0.5	Pass
High	1.195	≥0.5	Pass

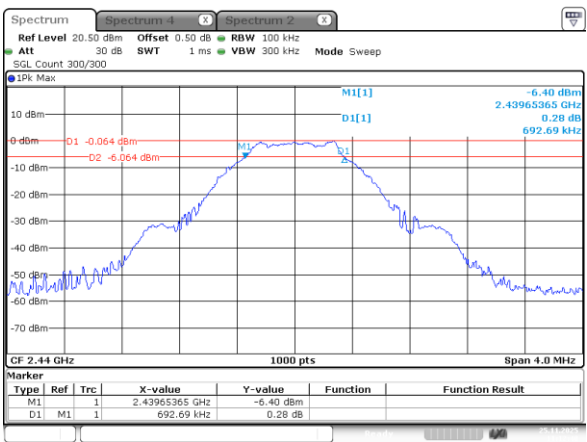
BLE 1M

BLE_1M_Low_Channel



ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:40:31

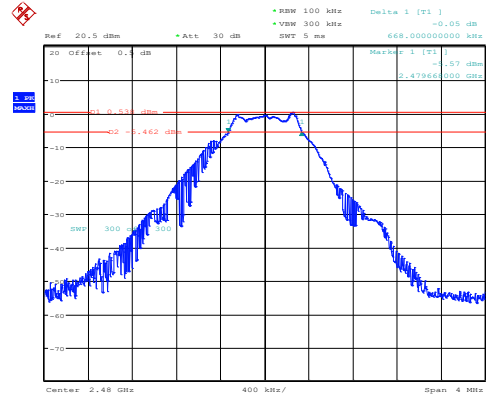
BLE_1M_Middle_Channel



ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 11:12:48

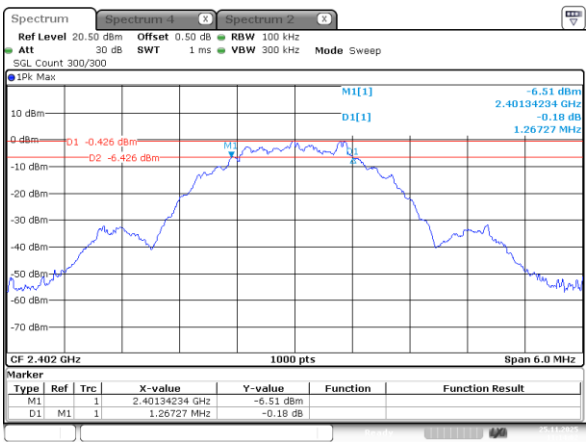
BLE 2M

BLE_1M_High_Channel



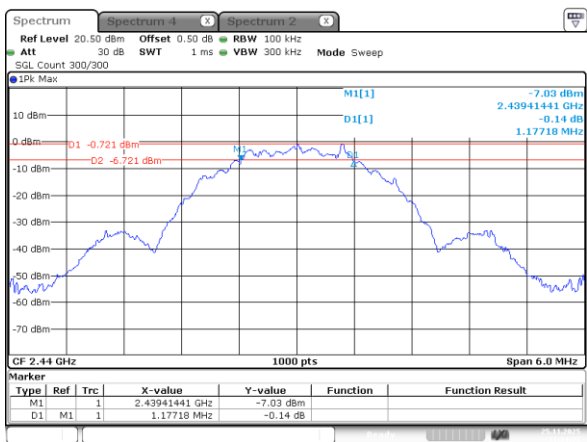
ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:42:23

BLE_2M_Low_Channel



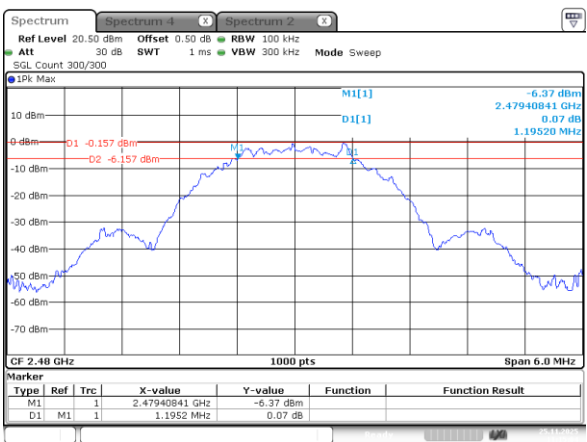
ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 11:14:02

BLE_2M_Middle_Channel



ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 11:14:34

BLE_2M_High_Channel



ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 11:15:04

4.3.2 Maximum Conducted Output Power

Chain 0, BLE 1M

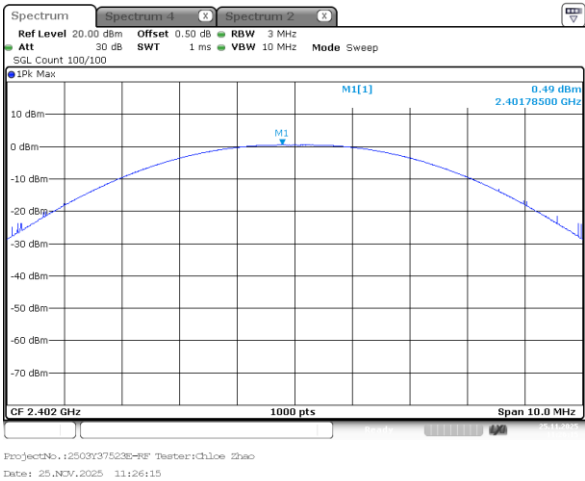
Channel	Peak Output Power (dBm)	Limit (dBm)	Verdict
Low	0.49	30.00	Pass
Middle	0.10	30.00	Pass
High	0.71	30.00	Pass

Chain 0, BLE 2M

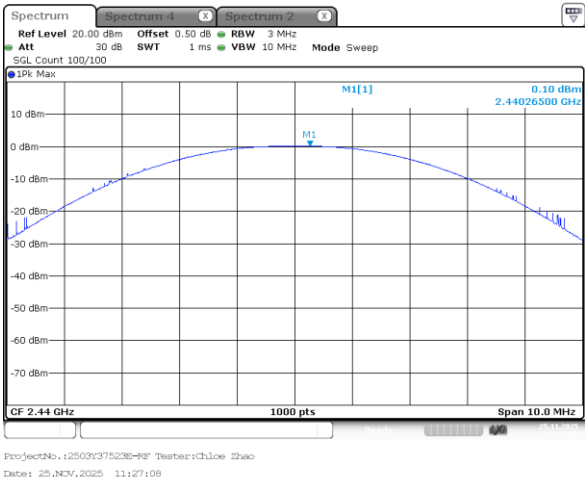
Channel	Peak Output Power (dBm)	Limit (dBm)	Verdict
Low	0.50	30.00	Pass
Middle	0.09	30.00	Pass
High	0.72	30.00	Pass

BLE 1M

BLE_1M_Low_Channel

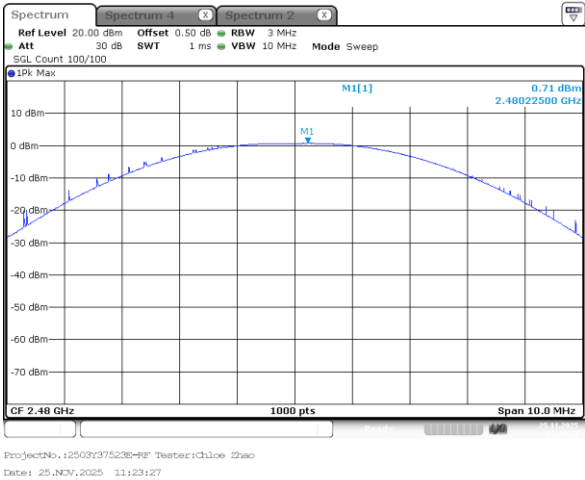


BLE_1M_Middle_Channel

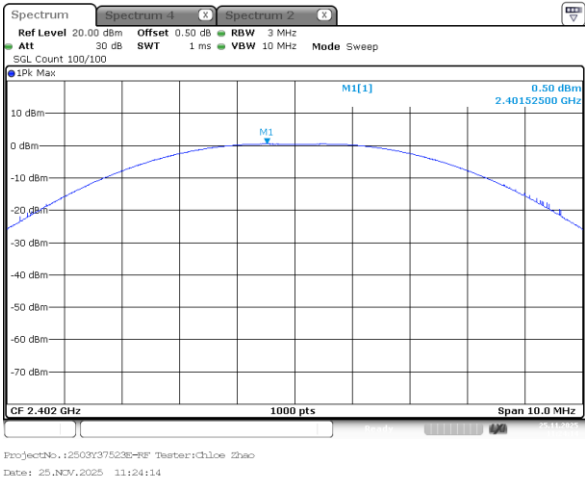


BLE 2M

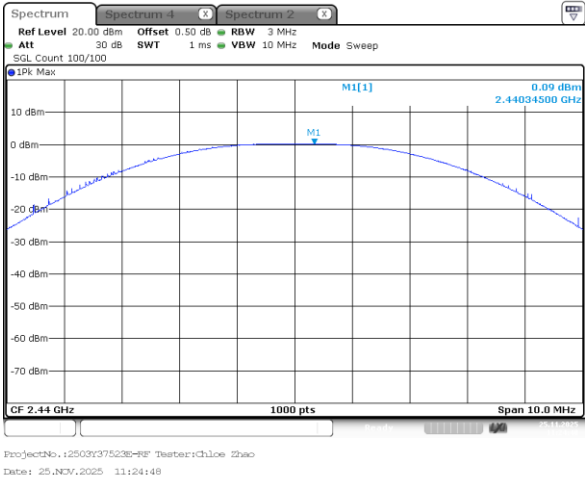
BLE_1M_High_Channel



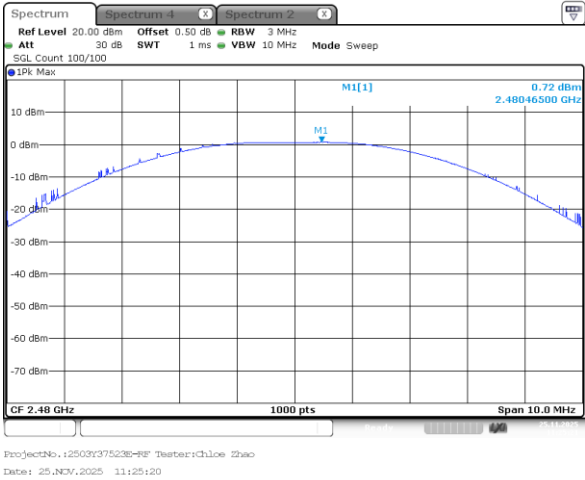
BLE_2M_Low_Channel



BLE_2M_Middle_Channel



BLE_2M_High_Channel



4.3.3 Power Spectral Density

Chain 0, BLE 1M

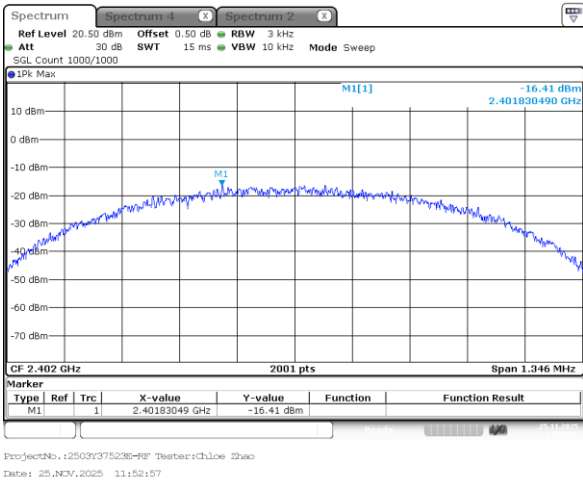
Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-16.41	8	Pass
Middle	-16.76	8	Pass
High	-16.16	8	Pass

Chain 0, BLE 2M

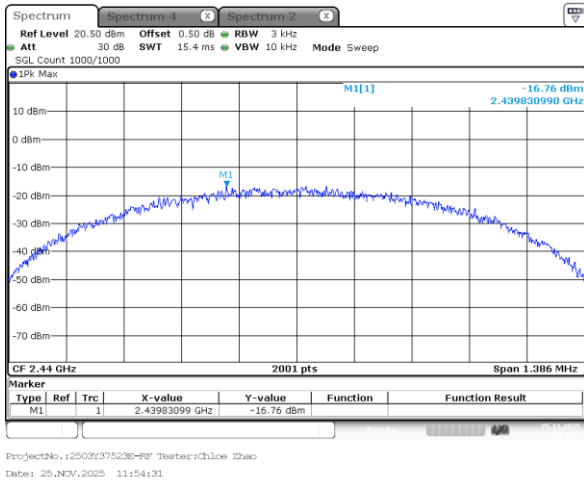
Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-19.00	8	Pass
Middle	-19.23	8	Pass
High	-18.77	8	Pass

BLE 1M

BLE_1M_Low_Channel

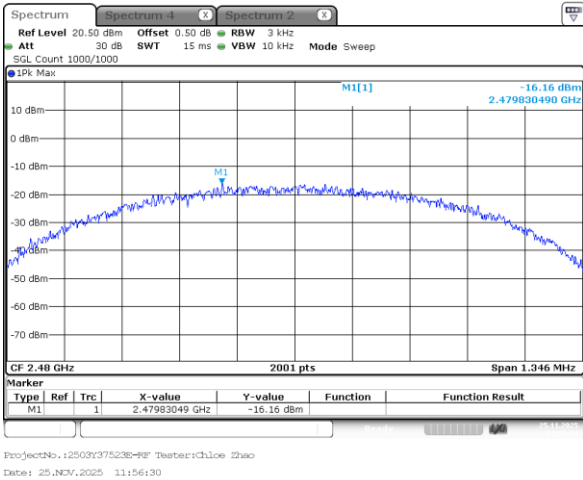


BLE_1M_Middle_Channel

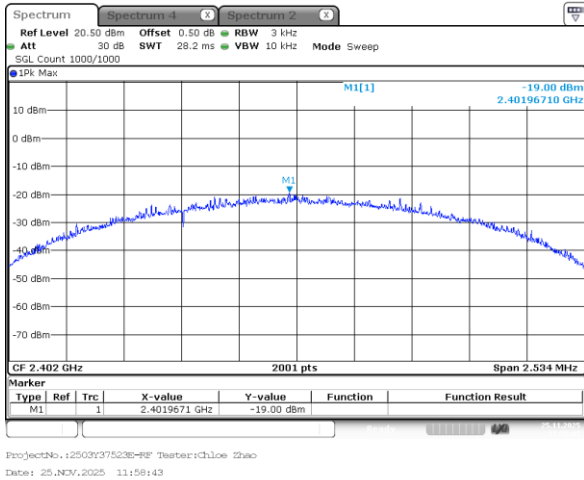


BLE 2M

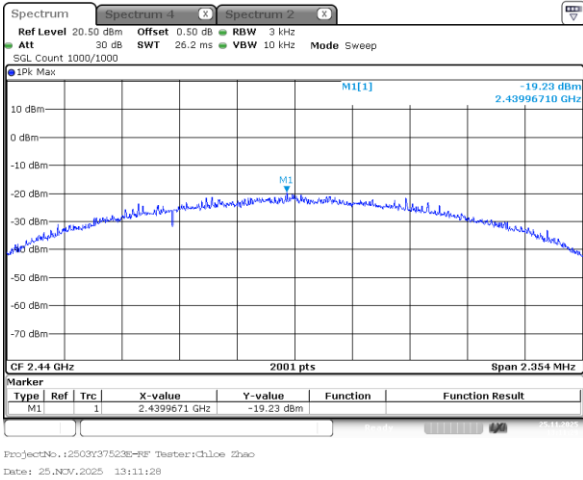
BLE_1M_High_Channel



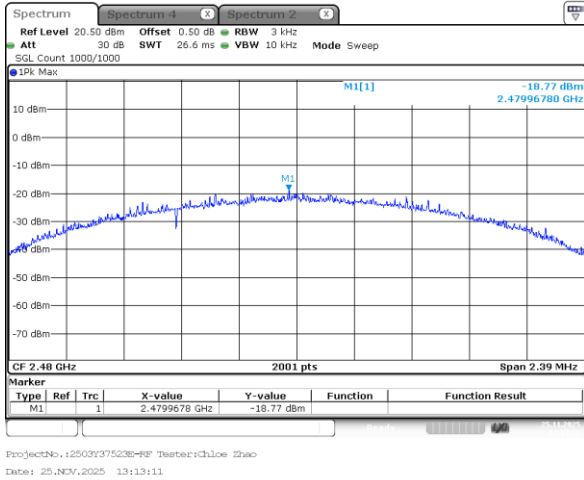
BLE_2M_Low_Channel



BLE_2M_Middle_Channel



BLE_2M_High_Channel



4.3.4 Duty Cycle

Chain 0, BLE 1M

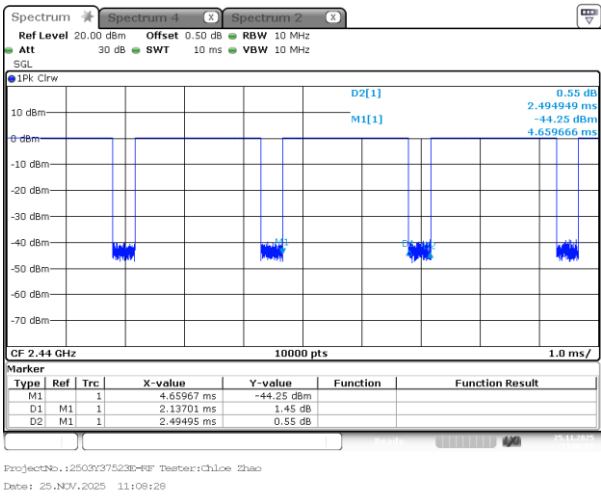
Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
Middle	2.137	NA	Not constant	NA	0	NA

Chain 0, BLE 2M

Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
Middle	1.094	NA	Not constant	NA	1	NA

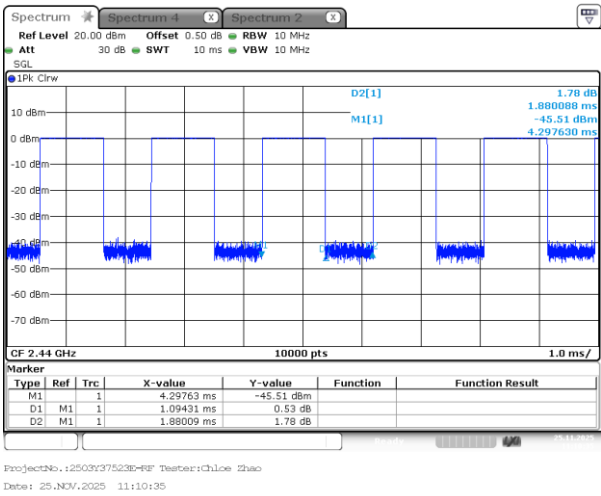
BLE 1M

BLE_1M_Middle_Channel



BLE 2M

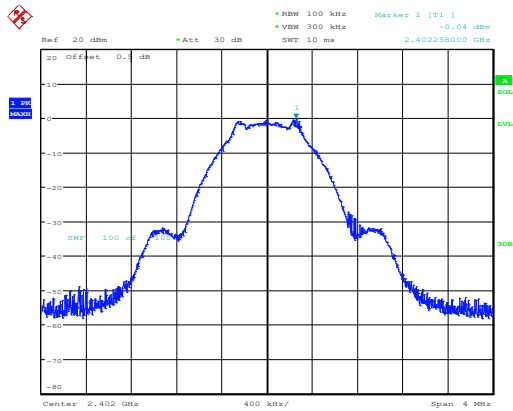
BLE_2M_Middle_Channel



4.3.5 Conducted Spurious Emission

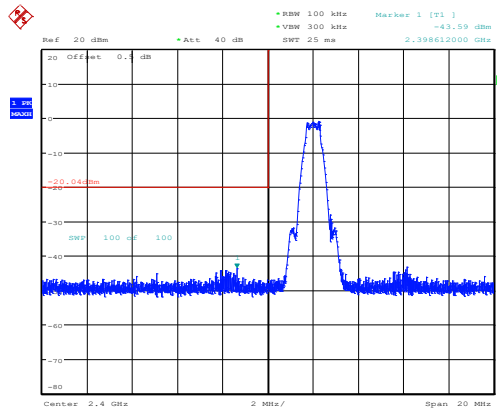
BLE 1M

BLE_1M_Low_Channel



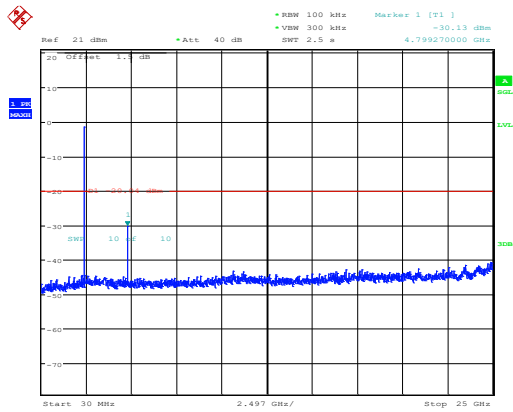
ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:44:29

BLE_1M_Low_Channel



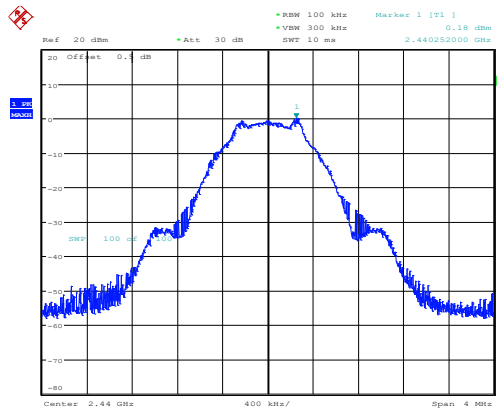
ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:44:50

BLE_1M_Low_Channel



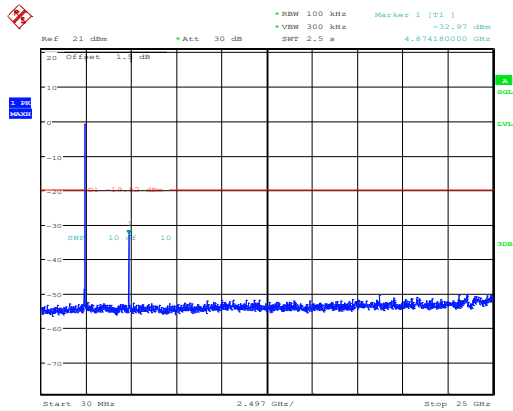
ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:45:52

BLE_1M_Middle_Channel



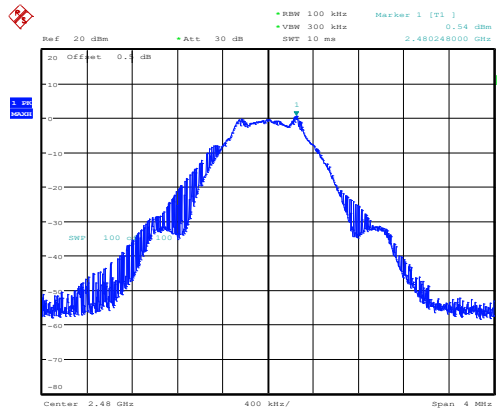
ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:47:05

BLE_1M_Middle_Channel



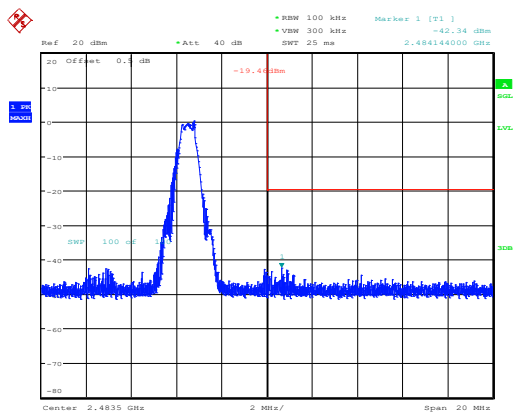
ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:47:42

BLE_1M_High_Channel



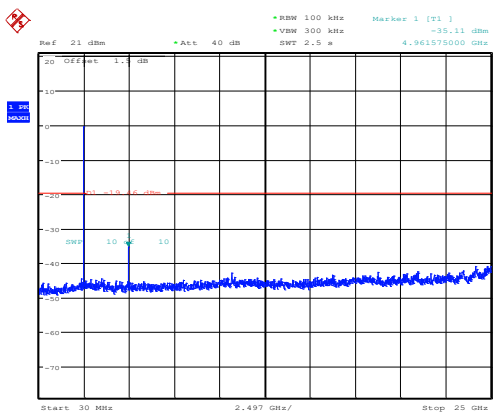
ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:48:19

BLE_1M_High_Channel



ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:48:42

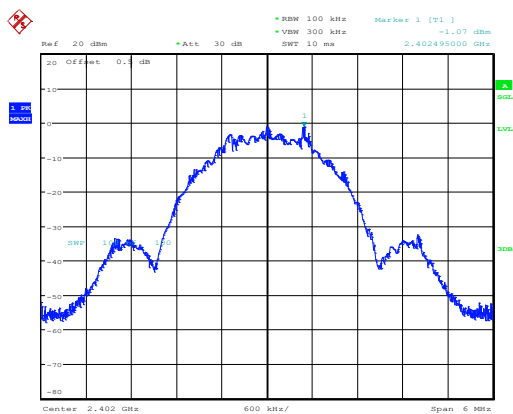
BLE_1M_High_Channel



ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:49:18

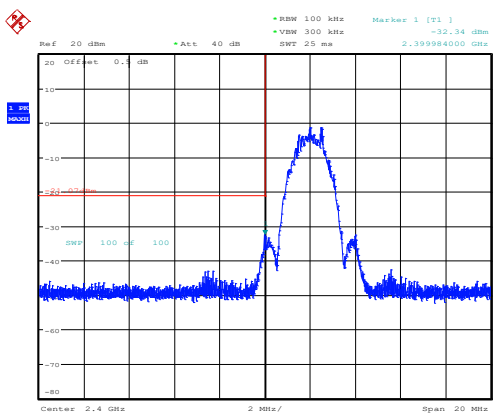
BLE 2M

BLE_2M_Low_Channel



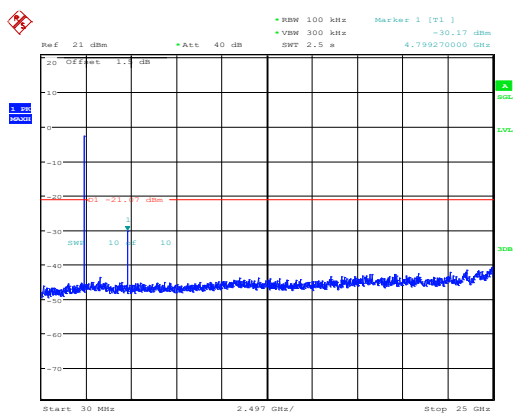
ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:49:53

BLE_2M_Low_Channel



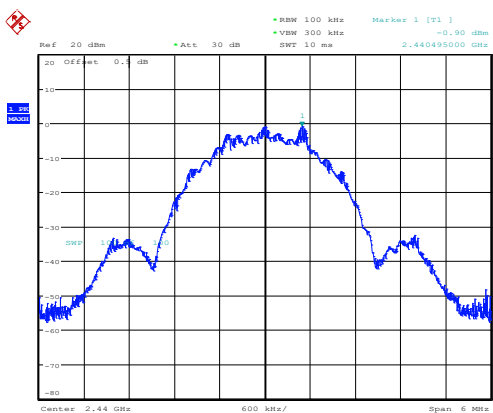
ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:50:15

BLE_2M_Low_Channel



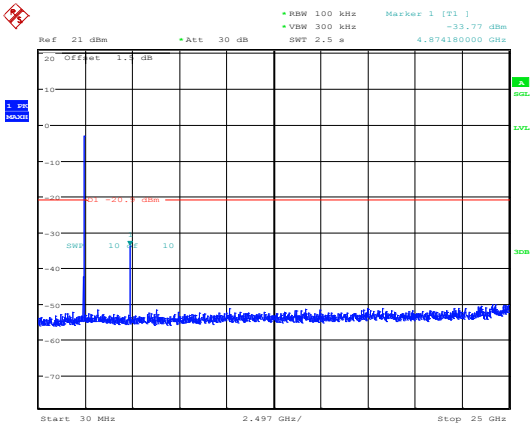
ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:50:50

BLE_2M_Middle_Channel



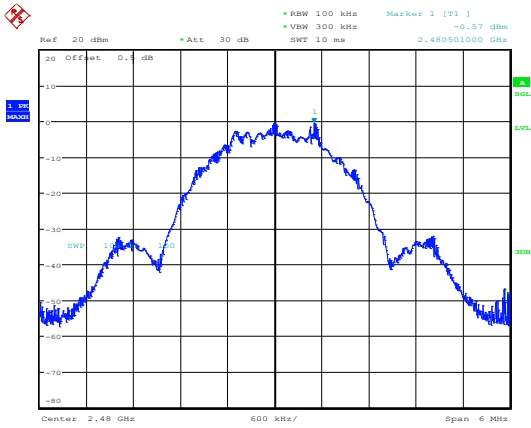
ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:52:35

BLE_2M_Middle_Channel



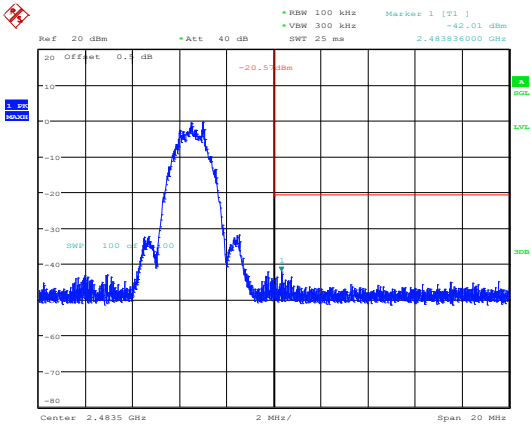
ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:53:12

BLE_2M_High_Channel



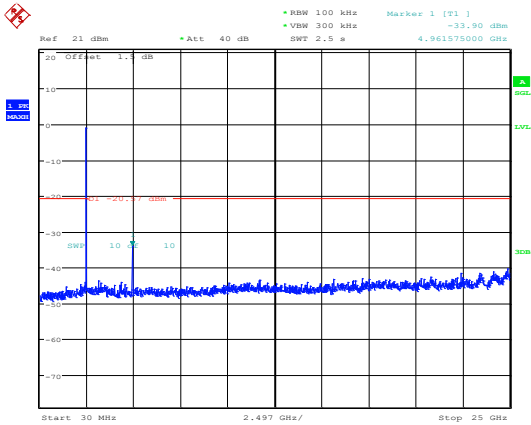
ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:53:57

BLE_2M_High_Channel



ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:54:19

BLE_2M_High_Channel



ProjectNo.:2503Y37523E-RF Tester:Chloe Zhao
Date: 25.NOV.2025 08:54:55

***** END *****