

Test Information:

Sample No.:	2X9R-2	Test Date:	2025/02/21
Test Site:	RF	Test Mode:	Transmitting
Tester:	Lingling Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24	Relative Humidity: (%)	52	ATM Pressure: (kPa)	101.9
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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	211003	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**

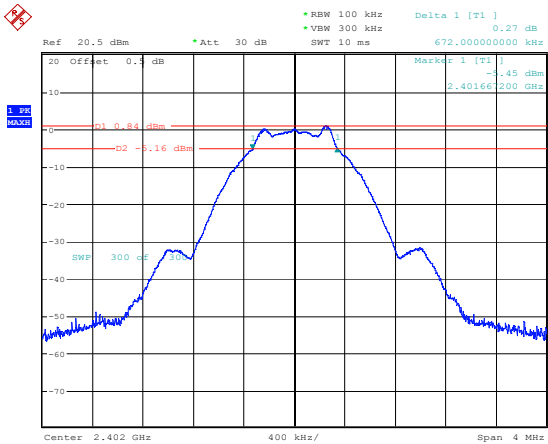
Channel	Result (MHz)	Limit (MHz)	Verdict
Low	0.672	≥ 0.5	Pass
Middle	0.672	≥ 0.5	Pass
High	0.672	≥ 0.5	Pass

BLE 2M

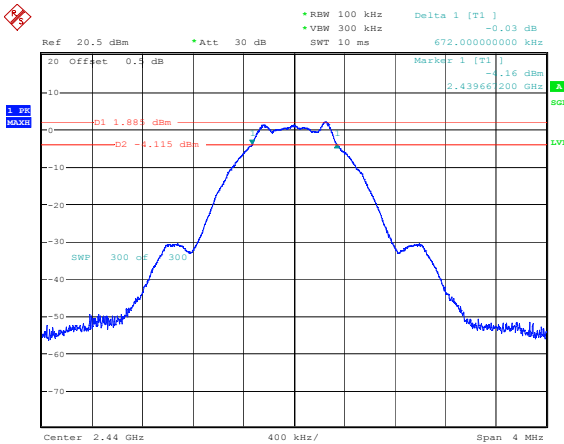
Channel	Result (MHz)	Limit (MHz)	Verdict
Low	1.238	≥ 0.5	Pass
Middle	1.248	≥ 0.5	Pass
High	1.248	≥ 0.5	Pass

BLE 1M

BLE_1M_Low_Channel

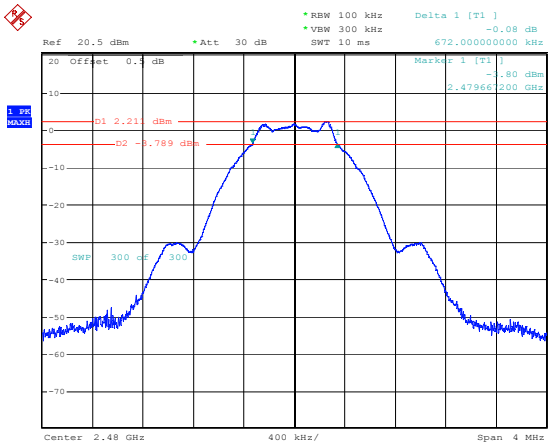


BLE_1M_Middle_Channel

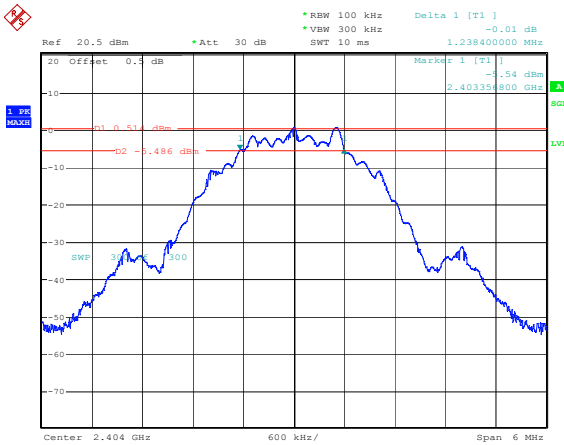


BLE 2M

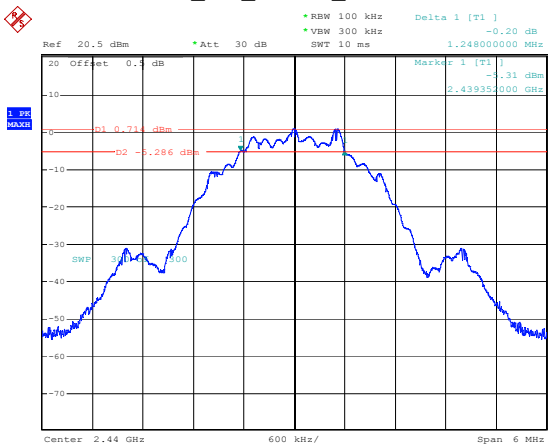
BLE_1M_High_Channel



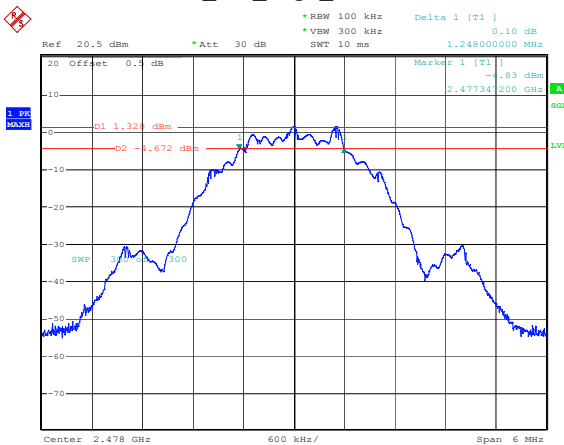
BLE_2M_Low_Channel



BLE_2M_Middle_Channel



BLE_2M_High_Channel



Maximum Conducted Output Power**BLE 1M**

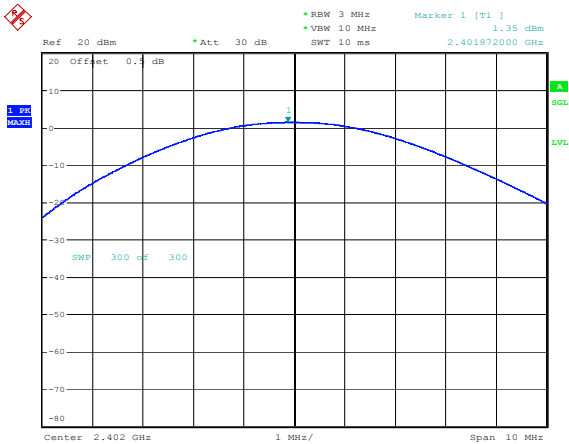
Channel	Result (dBm)	Limit (dBm)	Verdict
Low	1.35	30.00	Pass
Middle	2.34	30.00	Pass
High	2.71	30.00	Pass

BLE 2M

Channel	Result (dBm)	Limit (dBm)	Verdict
Low	2.04	30.00	Pass
Middle	2.17	30.00	Pass
High	2.68	30.00	Pass

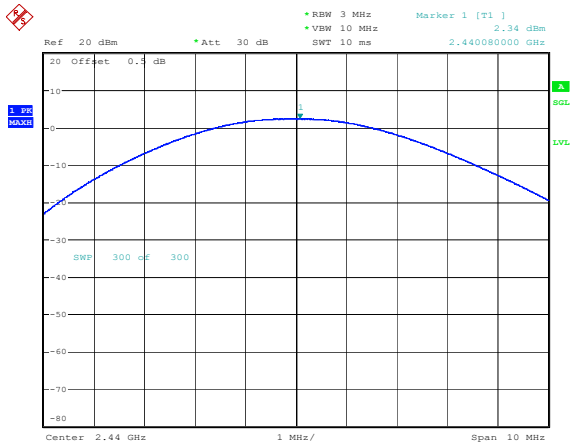
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:08:36

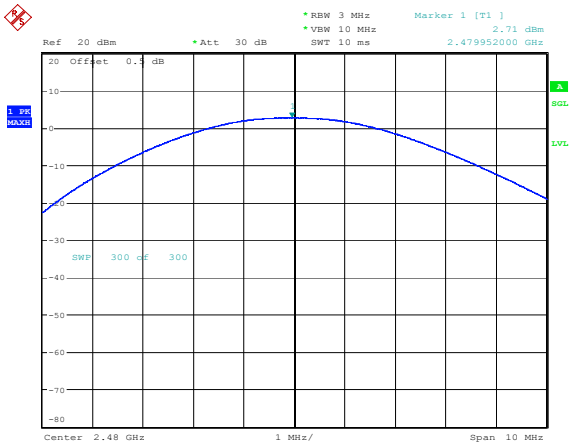
BLE_1M_Middle_Channel



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:11:05

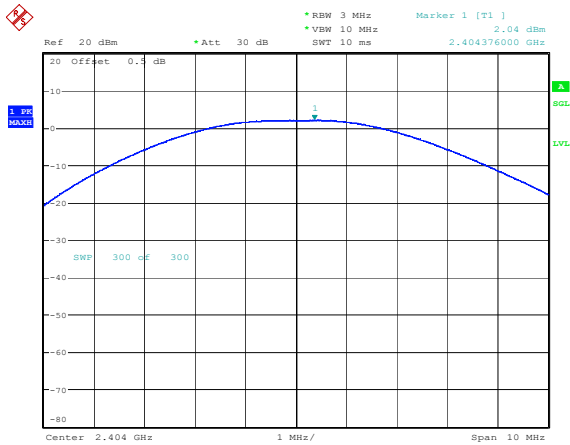
BLE 2M

BLE_1M_High_Channel



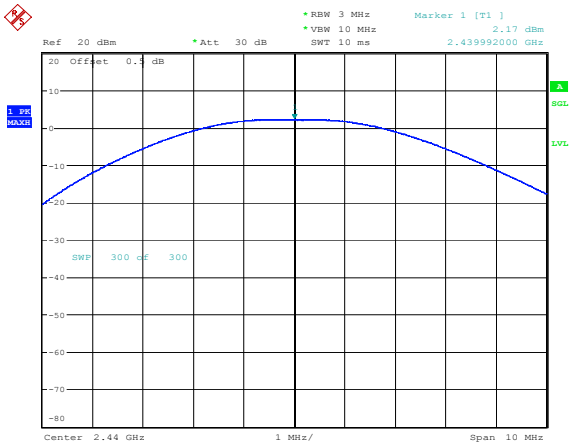
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:13:59

BLE_2M_Low_Channel



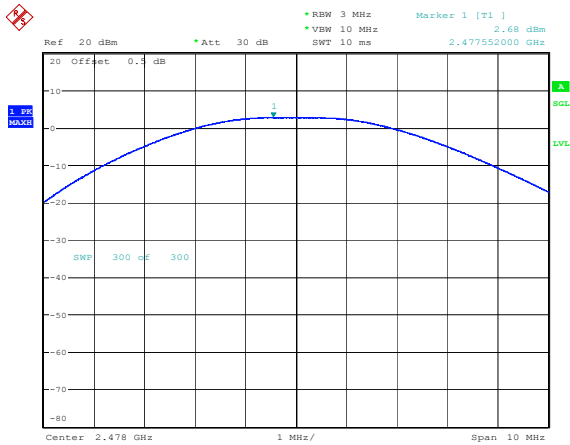
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:17:47

BLE_2M_Middle_Channel



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:19:30

BLE_2M_High_Channel



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:22:44

Power Spectral Density**BLE 1M**

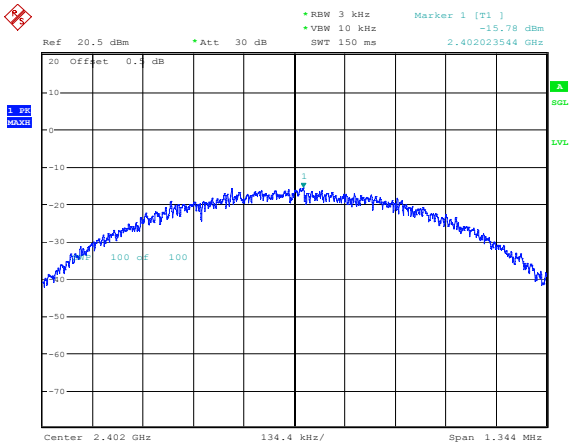
Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-15.78	8	Pass
Middle	-14.69	8	Pass
High	-14.30	8	Pass

BLE 2M

Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-17.40	8	Pass
Middle	-16.61	8	Pass
High	-16.52	8	Pass

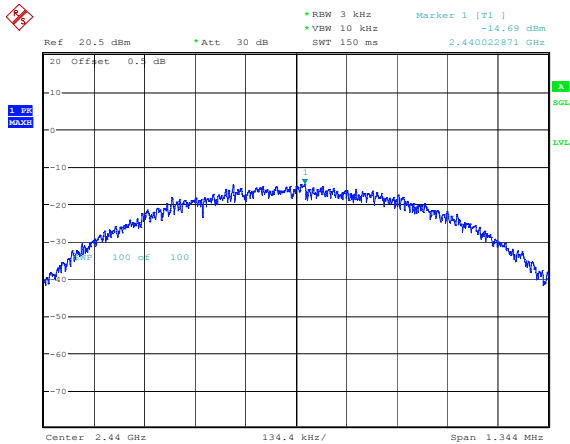
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:09:02

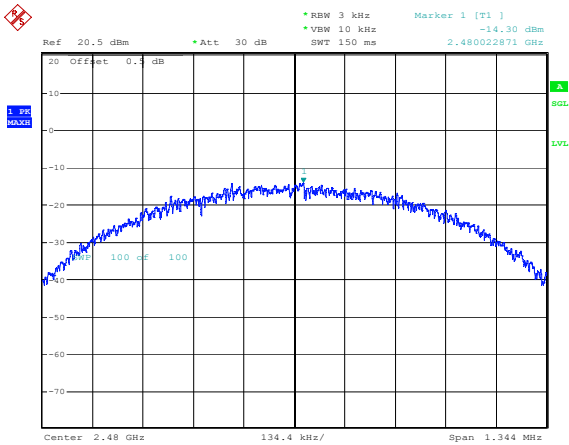
BLE_1M_Middle_Channel



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:11:31

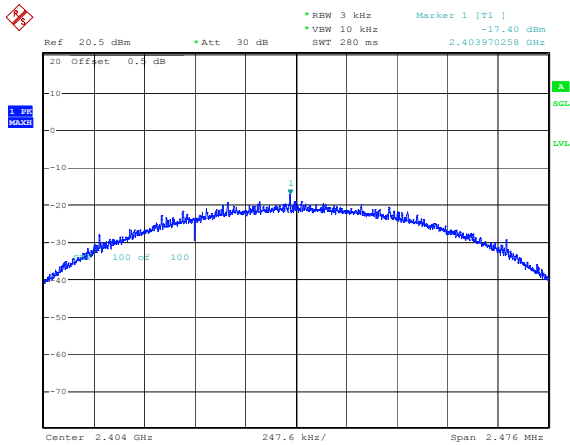
BLE 2M

BLE_1M_High_Channel



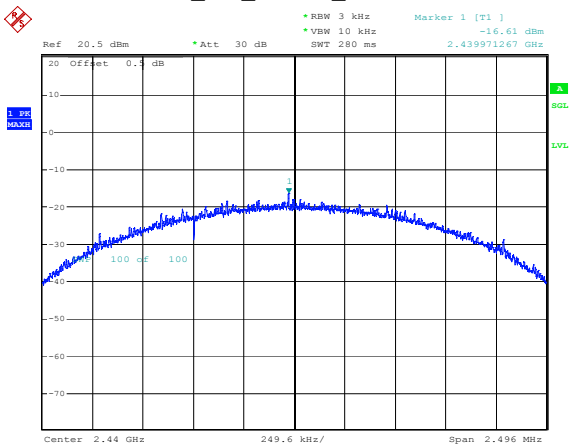
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:14:26

BLE_2M_Low_Channel



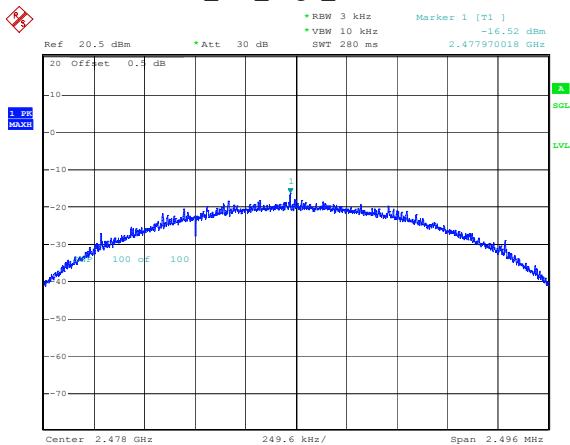
Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:18:25

BLE_2M_Middle_Channel



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:20:08

BLE_2M_High_Channel



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:23:25

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

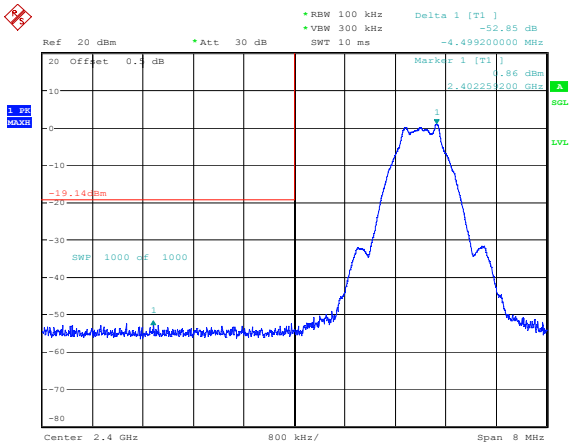
Channel	Result (dB)	Limit (dB)	Verdict
Low	52.85	20	Pass
High	54.37	20	Pass

BLE 2M

Channel	Result (dB)	Limit (dB)	Verdict
Low	32.51	20	Pass
High	53.55	20	Pass

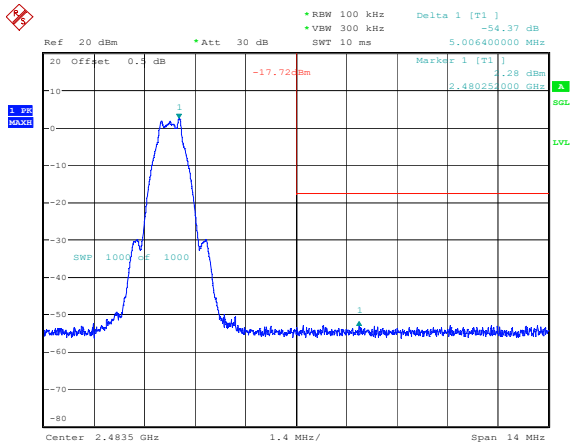
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:07:41

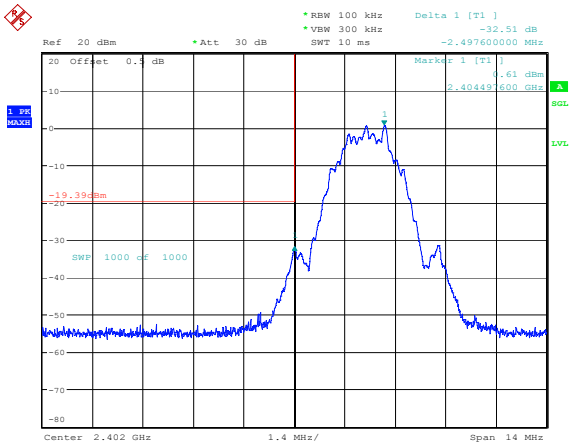
BLE_1M_High_Channel



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:13:03

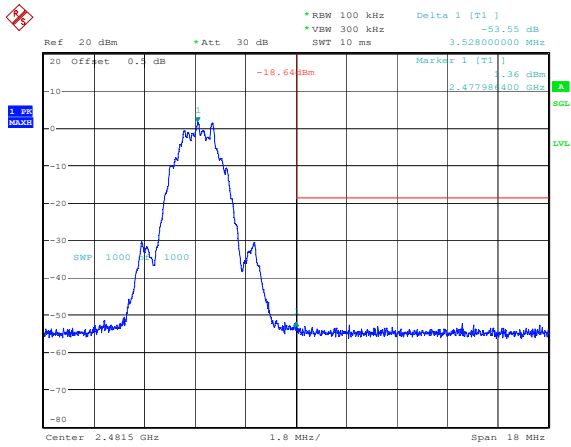
BLE 2M

BLE_2M_Low_Channel



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:16:54

BLE_2M_High_Channel



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:21:46

Duty Cycle**BLE 1M**

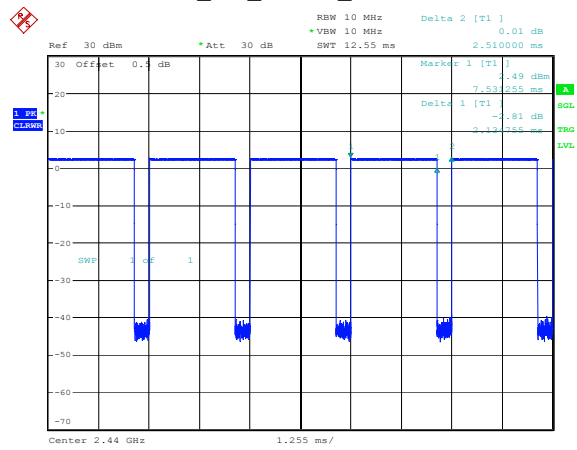
Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
Middle	2.135	2.510	85.06	0.70	468	0.500

BLE 2M

Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
Middle	1.074	1.880	57.13	2.43	931	1

BLE 1M

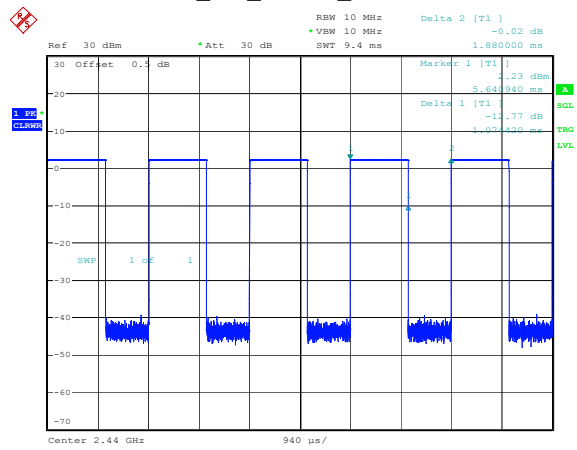
BLE_1M_Middle_Channel



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:26:24

BLE 2M

BLE_2M_Middle_Channel



Comment: ProjectNo.:2503P28739E-RF Tester:Lingling Li
Date: 21.FEB.2025 15:27:09