

Test Information:

Sample No.:	2VG2-2	Test Date:	2024/12/21~2024/12/23
Test Site:	RF	Test Mode:	Transmitting
Tester:	Lingling Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	24.5-24.7	Relative Humidity: (%)	46-47	ATM Pressure: (kPa)	101.9-102.3
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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	211002	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

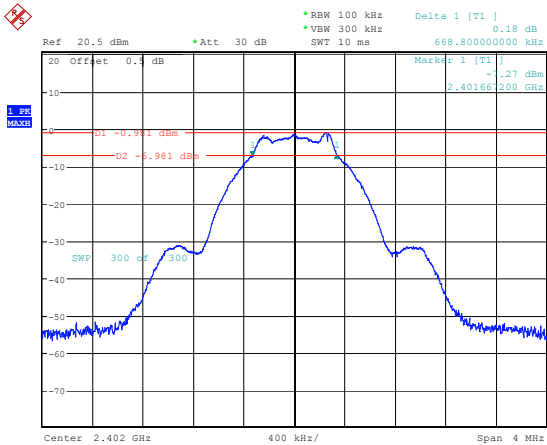
Channel	Result (MHz)	Limit (MHz)	Verdict
Low	0.669	≥ 0.5	Pass
Middle	0.672	≥ 0.5	Pass
High	0.701	≥ 0.5	Pass

BLE 2M

Channel	Result (MHz)	Limit (MHz)	Verdict
Low	1.181	≥ 0.5	Pass
Middle	1.176	≥ 0.5	Pass
High	1.186	≥ 0.5	Pass

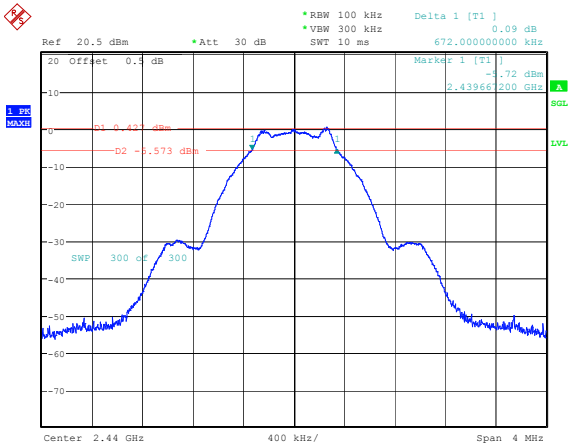
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 21.DEC.2024 14:15:14

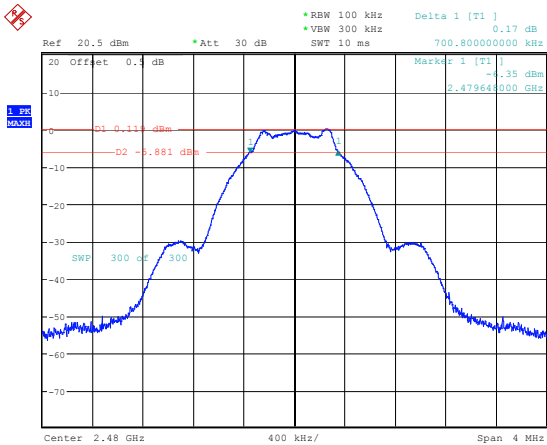
BLE_1M_Middle_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 21.DEC.2024 14:17:29

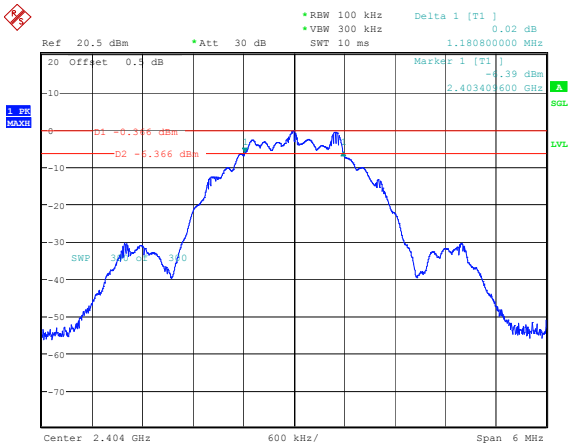
BLE 2M

BLE_1M_High_Channel



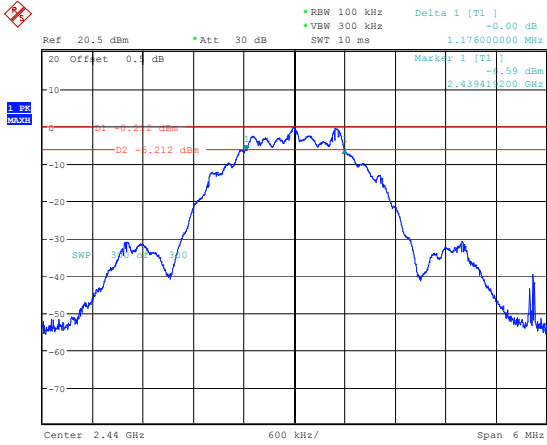
Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 21.DEC.2024 14:20:55

BLE_2M_Low_Channel



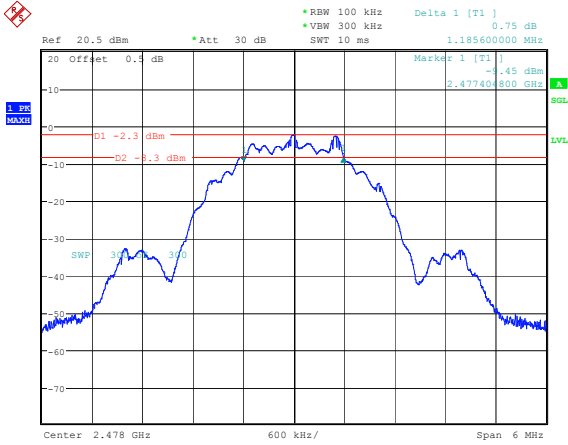
Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 23.DEC.2024 09:46:09

BLE_2M_Middle_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 21.DEC.2024 14:23:52

BLE_2M_High_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 23.DEC.2024 09:49:37

99% Occupied Bandwidth

BLE 1M

Channel	99% OBW (MHz)
Low	1.037
Middle	1.037
High	1.034

BLE 2M

Channel	99% OBW (MHz)
Low	2.054
Middle	2.064
High	2.059

Maximum Conducted Output Power

BLE 1M

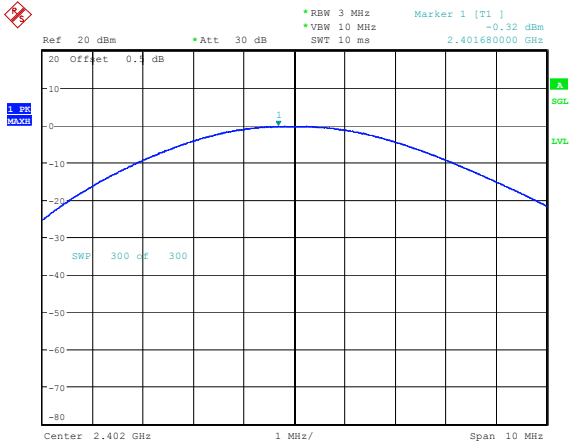
Channel	Result (dBm)	Limit (dBm)	Verdict
Low	-0.32	30.00	Pass
Middle	1.14	30.00	Pass
High	1.09	30.00	Pass

BLE 2M

Channel	Result (dBm)	Limit (dBm)	Verdict
Low	0.91	30.00	Pass
Middle	1.18	30.00	Pass
High	-1.00	30.00	Pass

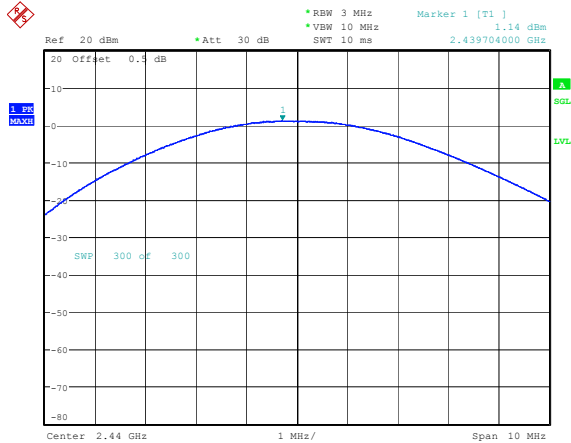
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 21.DEC.2024 14:16:19

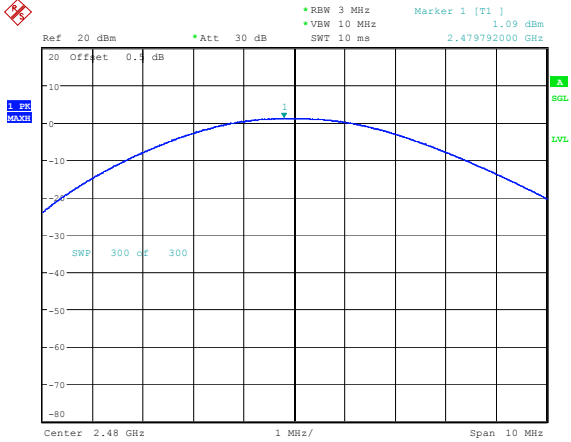
BLE_1M_Middle_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 21.DEC.2024 14:18:25

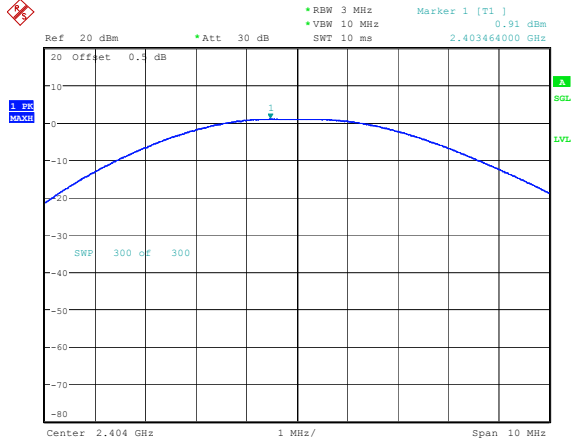
BLE 2M

BLE_1M_High_Channel



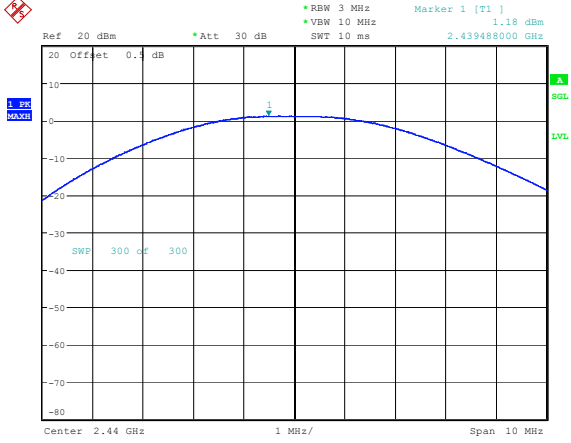
Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 21.DEC.2024 14:21:53

BLE_2M_Low_Channel



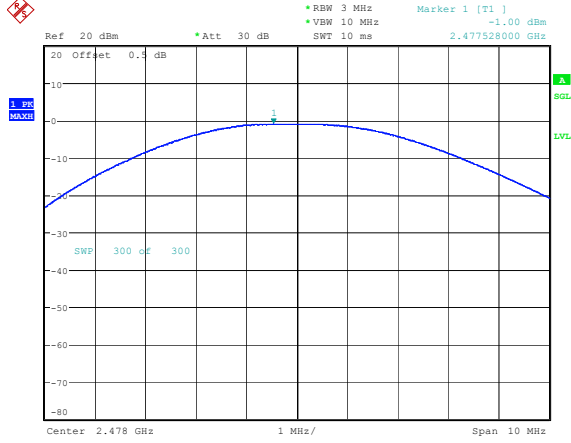
Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 23.DEC.2024 09:47:03

BLE_2M_Middle_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 21.DEC.2024 14:24:50

BLE_2M_High_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 23.DEC.2024 09:50:42

Power Spectral Density

BLE 1M

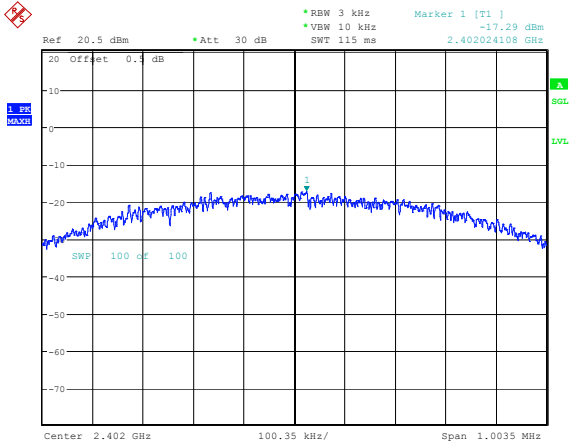
Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-17.29	8	Pass
Middle	-15.97	8	Pass
High	-16.22	8	Pass

BLE 2M

Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-18.44	8	Pass
Middle	-18.25	8	Pass
High	-20.30	8	Pass

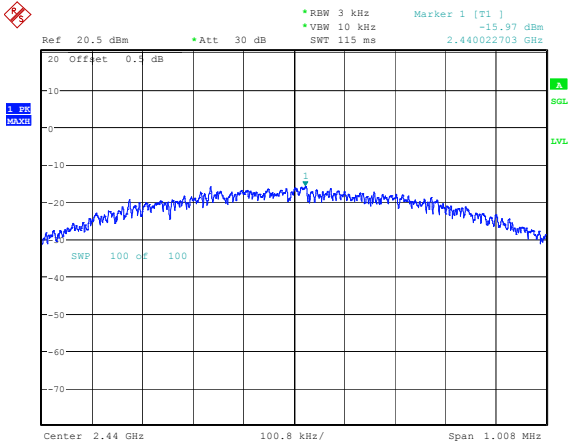
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 21.DEC.2024 14:16:43

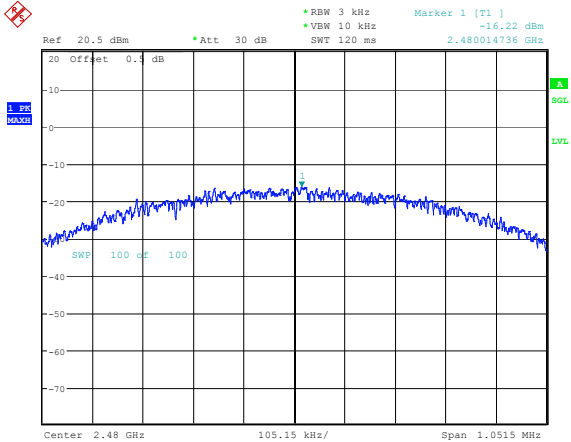
BLE_1M_Middle_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 21.DEC.2024 14:18:48

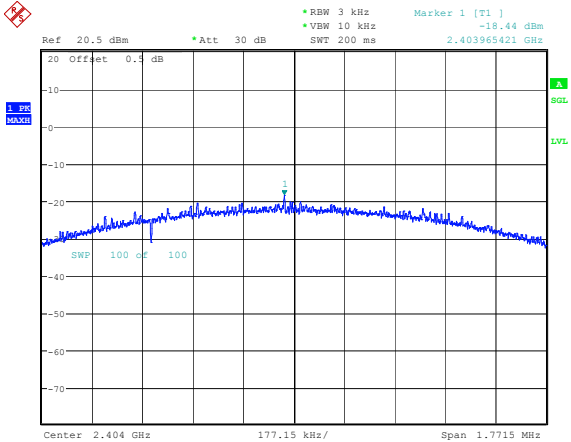
BLE 2M

BLE_1M_High_Channel



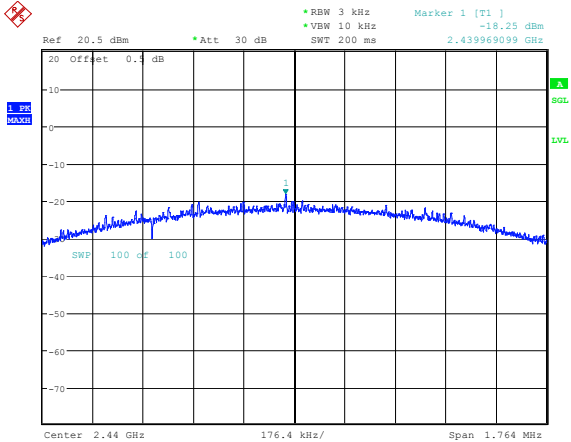
Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 21.DEC.2024 14:22:19

BLE_2M_Low_Channel



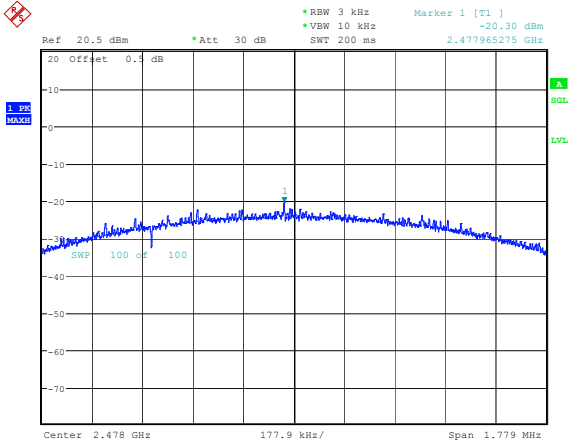
Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 23.DEC.2024 09:47:34

BLE_2M_Middle_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 21.DEC.2024 14:25:22

BLE_2M_High_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 23.DEC.2024 09:51:14

100 kHz Bandwidth of Frequency Band Edge

BLE 1M

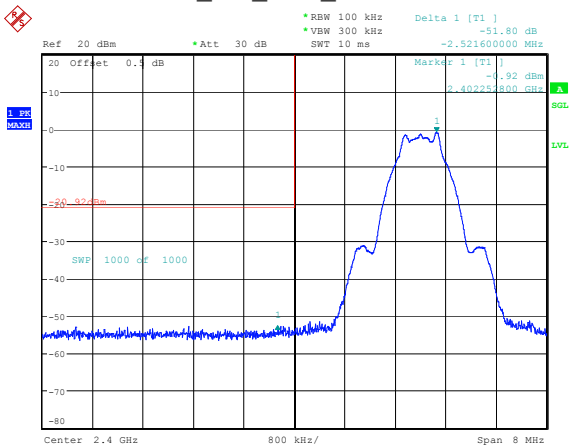
Channel	Result (dB)	Limit (dB)	Verdict
Low	51.80	20	Pass
High	52.87	20	Pass

BLE 2M

Channel	Result (dB)	Limit (dB)	Verdict
Low	30.37	20	Pass
High	50.17	20	Pass

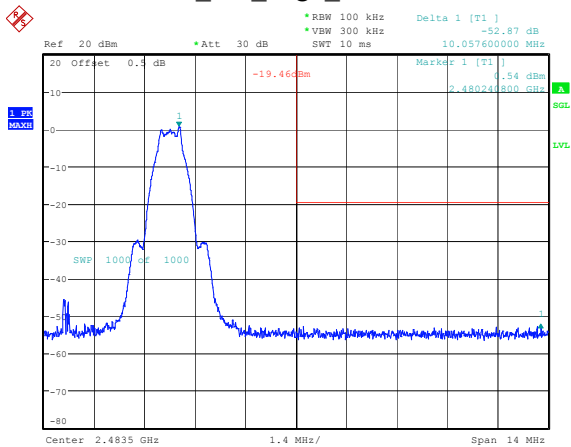
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 21.DEC.2024 14:14:43

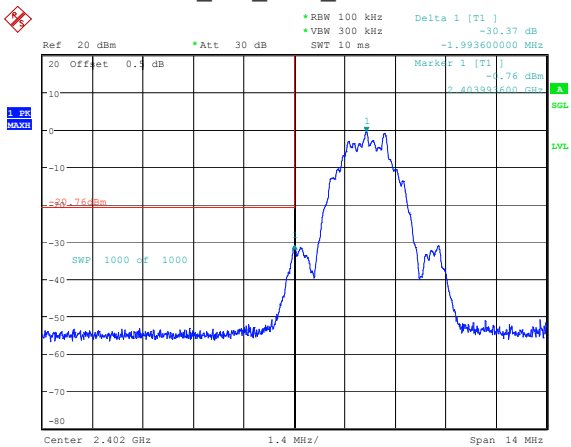
BLE_1M_High_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 21.DEC.2024 14:20:19

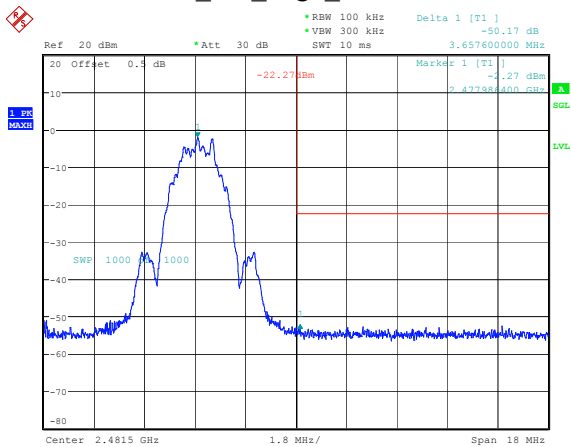
BLE 2M

BLE_2M_Low_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 23.DEC.2024 09:44:57

BLE_2M_High_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 23.DEC.2024 09:49:04

Duty Cycle

BLE 1M

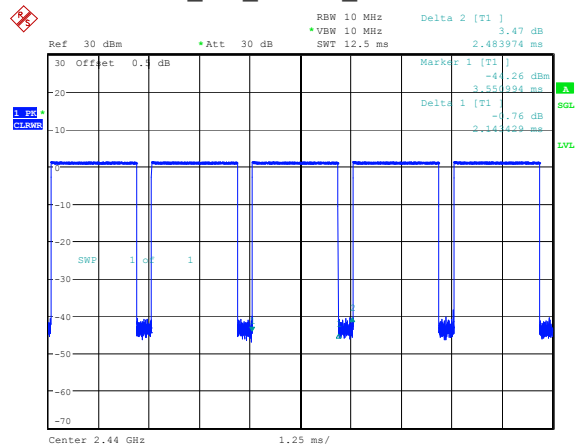
Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
Middle	2.143	2.484	86.27	0.64	467	0.500

BLE 2M

Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
Middle	1.085	1.868	58.08	2.36	922	1

BLE 1M

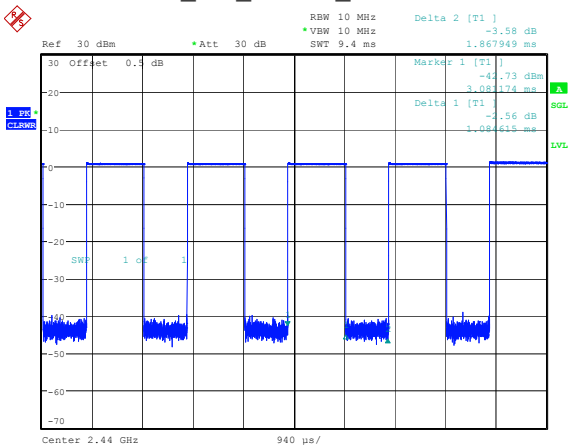
BLE_1M_Middle_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 23.DEC.2024 10:00:27

BLE 2M

BLE_2M_Middle_Channel



Comment: ProjectNo.:2403A43118E-RF Tester:Lingling Li
Date: 21.DEC.2024 14:13:09