

Test Information:

Sample No.:	2TUX-1	Test Date:	2024/11/12
Test Site:	RF	Test Mode:	Transmitting
Tester:	Lingling Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	27.5	Relative Humidity: (%)	56	ATM Pressure: (kPa)	100.8
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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	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

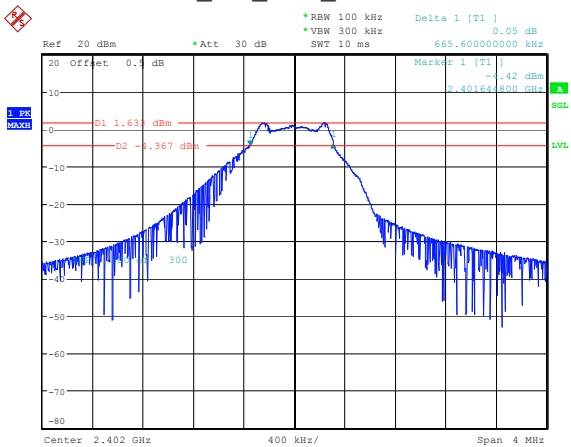
Channel	Result (MHz)	Limit (MHz)	Verdict
Low	0.666	≥ 0.5	Pass
Middle	0.675	≥ 0.5	Pass
High	0.685	≥ 0.5	Pass

BLE 2M

Channel	Result (MHz)	Limit (MHz)	Verdict
Low	1.181	≥ 0.5	Pass
Middle	1.158	≥ 0.5	Pass
High	1.222	≥ 0.5	Pass

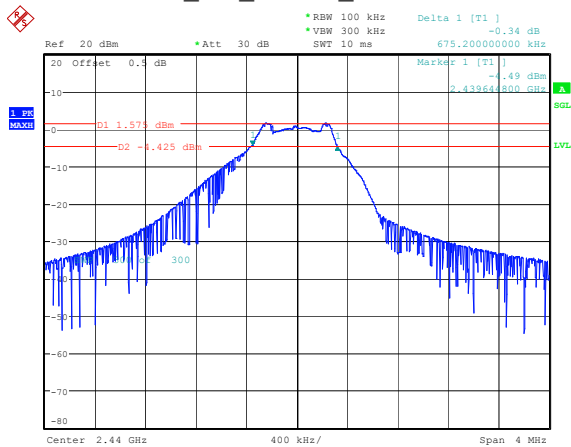
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:03:34

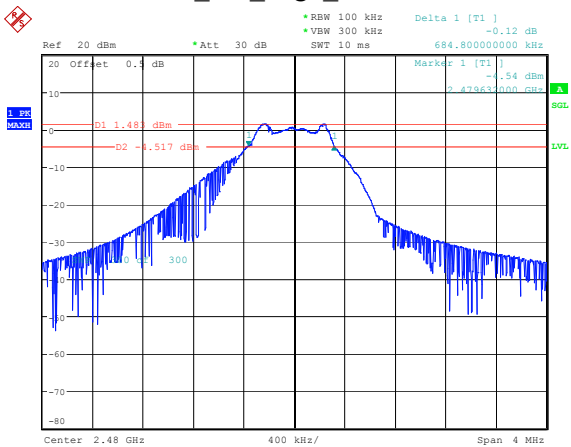
BLE_1M_Middle_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:06:27

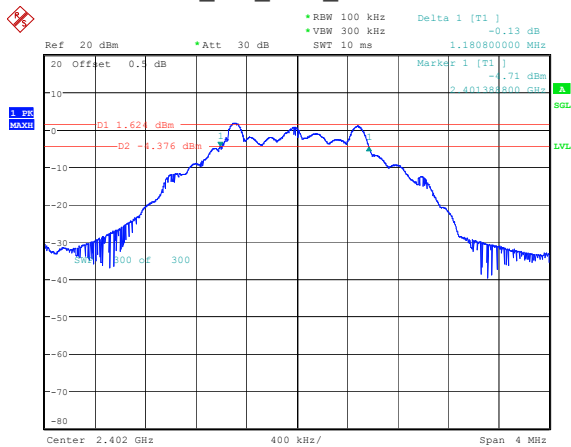
BLE 2M

BLE_1M_High_Channel



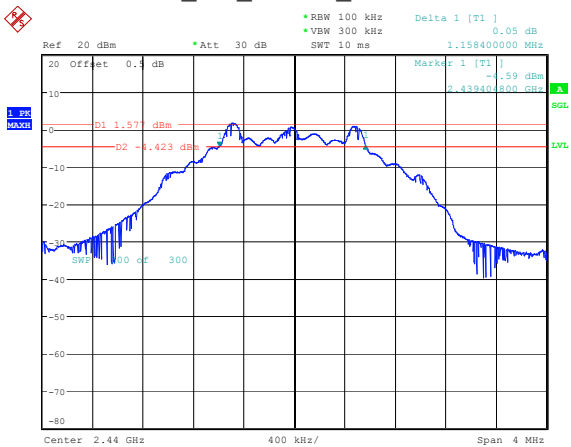
Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:10:53

BLE_2M_Low_Channel



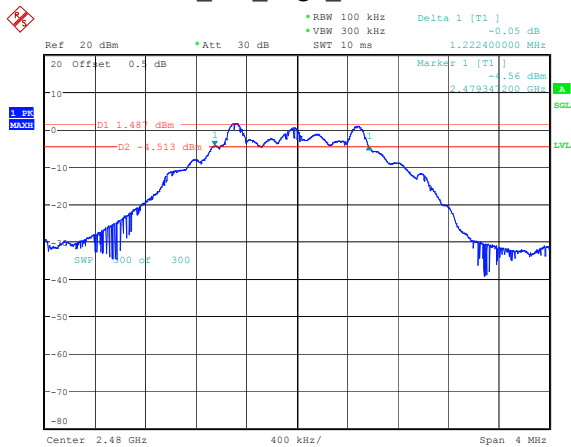
Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:15:59

BLE_2M_Middle_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:19:15

BLE_2M_High_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:23:54

99% Occupied Bandwidth

BLE 1M

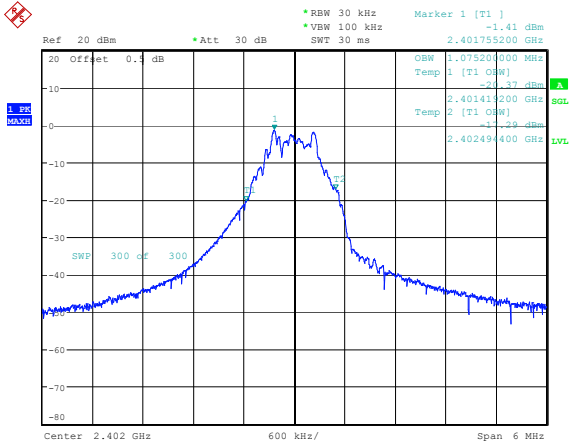
Channel	99% OBW (MHz)
Low	1.075
Middle	1.114
High	1.162

BLE 2M

Channel	99% OBW (MHz)
Low	2.011
Middle	2.035
High	2.069

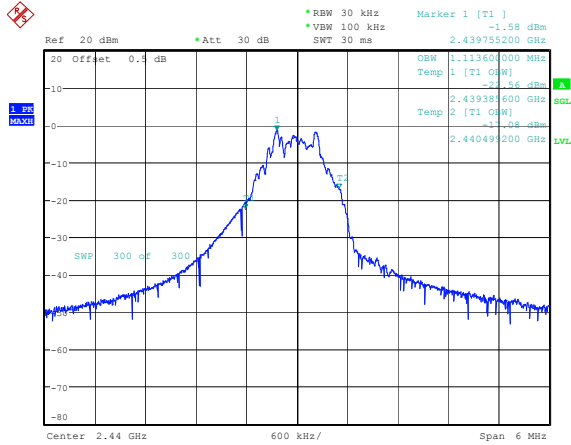
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:04:35

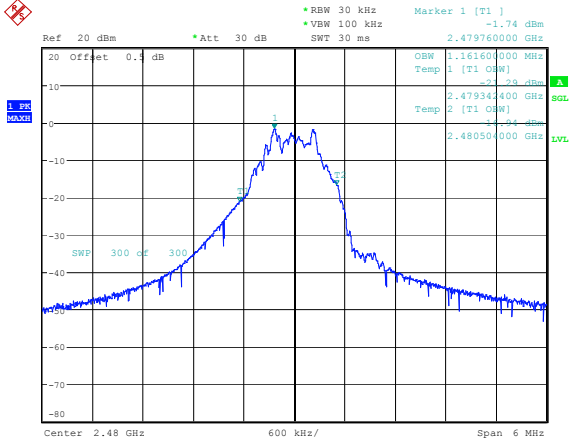
BLE_1M_Middle_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:08:01

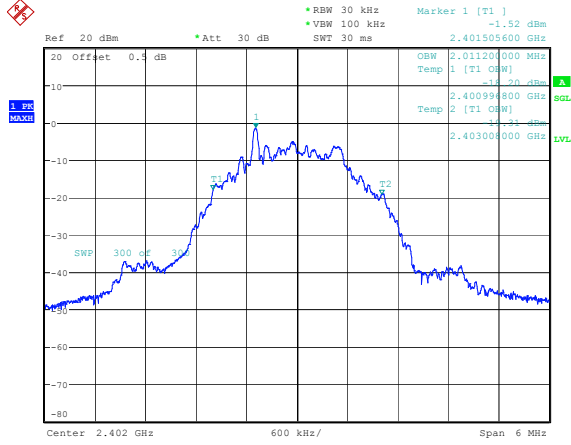
BLE 2M

BLE_1M_High_Channel



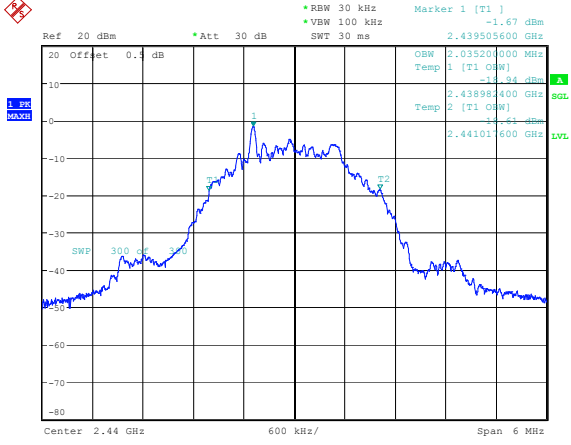
Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:11:28

BLE_2M_Low_Channel



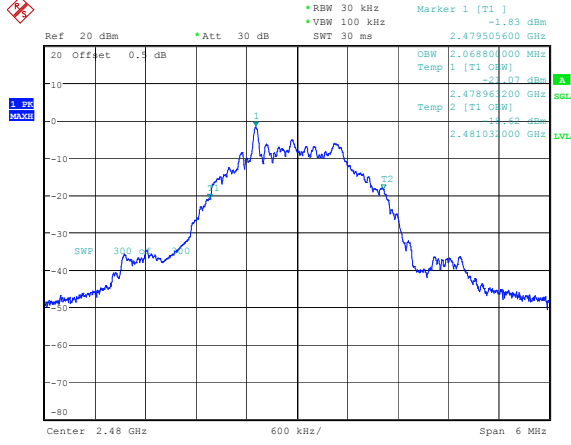
Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:16:33

BLE_2M_Middle_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:19:45

BLE_2M_High_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:24:33

Maximum Conducted Output Power

BLE 1M

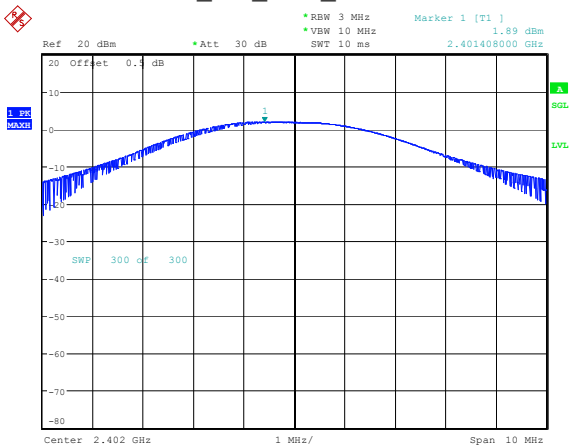
Channel	Result (dBm)	Limit (dBm)	Verdict
Low	1.89	30.00	Pass
Middle	1.84	30.00	Pass
High	1.77	30.00	Pass

BLE 2M

Channel	Result (dBm)	Limit (dBm)	Verdict
Low	1.93	30.00	Pass
Middle	1.91	30.00	Pass
High	1.85	30.00	Pass

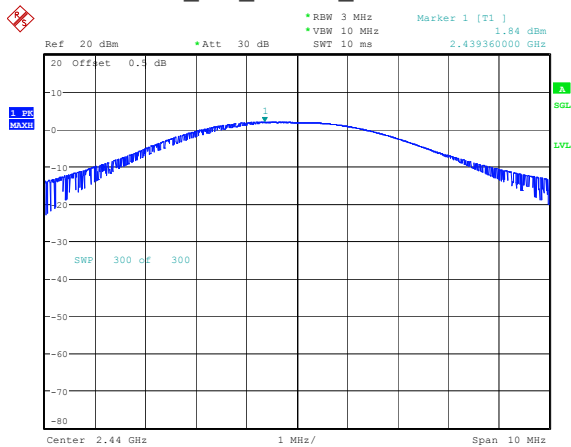
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:05:01

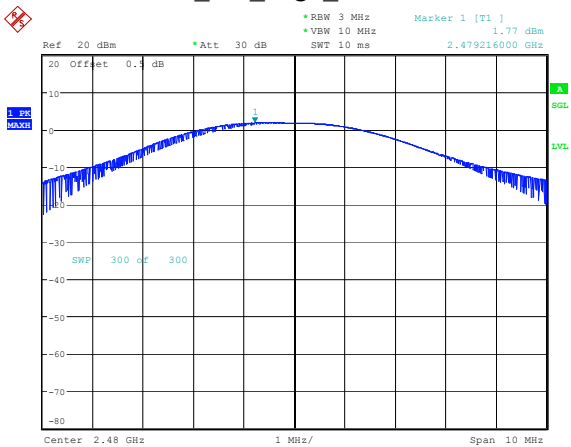
BLE_1M_Middle_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:08:27

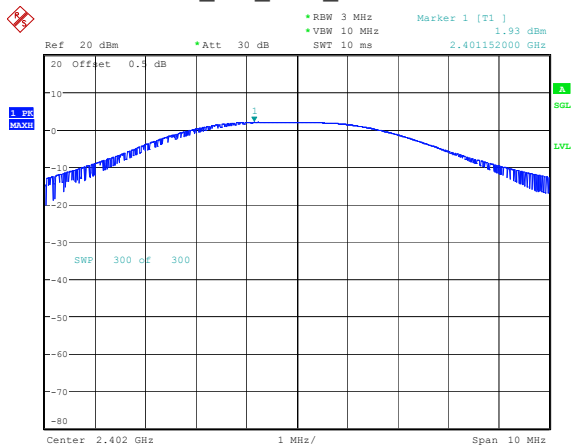
BLE 2M

BLE_1M_High_Channel



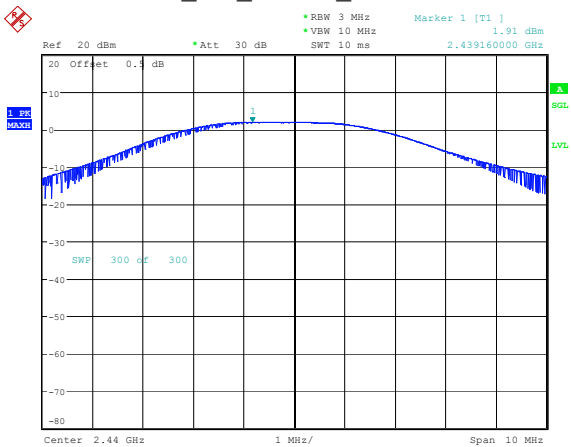
Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:11:54

BLE_2M_Low_Channel



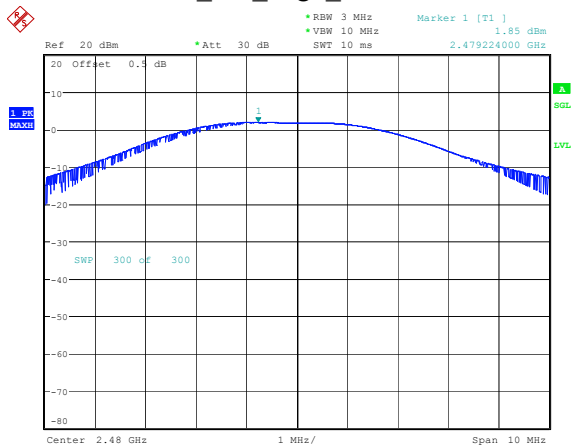
Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:16:59

BLE_2M_Middle_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:20:11

BLE_2M_High_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:25:00

Power Spectral Density

BLE 1M

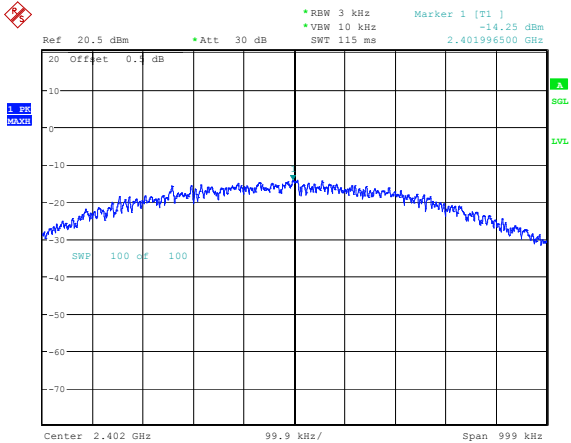
Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-14.25	8	Pass
Middle	-14.31	8	Pass
High	-14.76	8	Pass

BLE 2M

Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-17.62	8	Pass
Middle	-17.77	8	Pass
High	-17.79	8	Pass

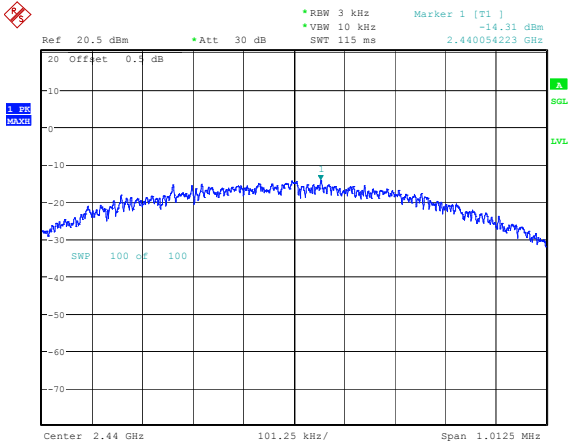
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:05:25

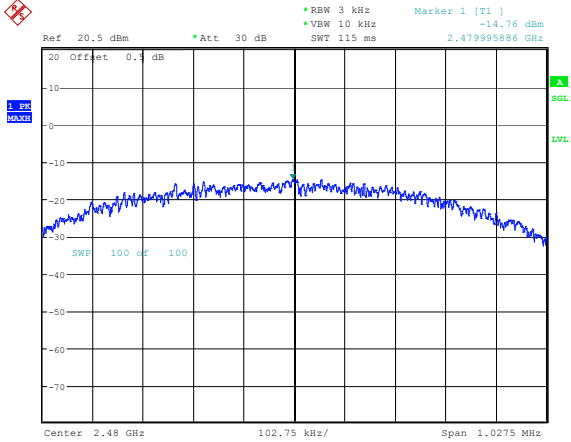
BLE_1M_Middle_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:08:52

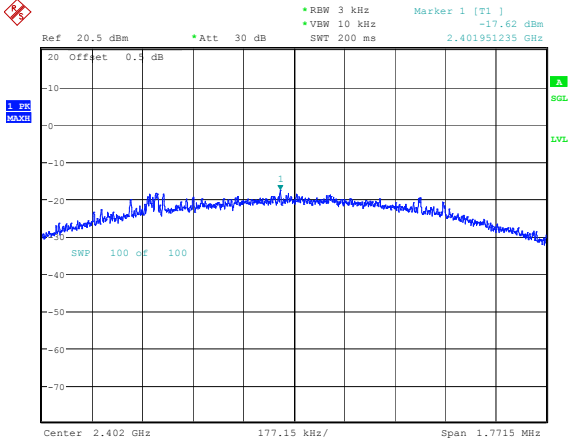
BLE 2M

BLE_1M_High_Channel



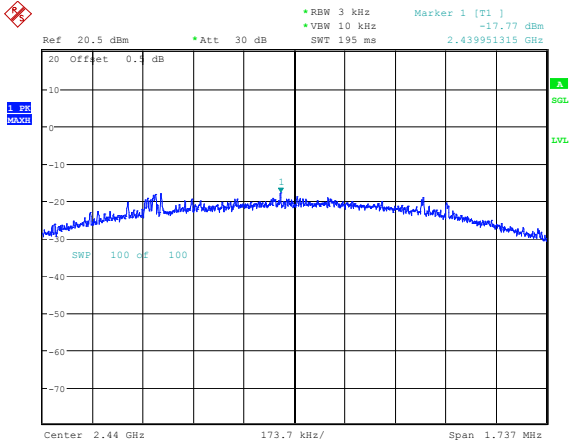
Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:12:18

BLE_2M_Low_Channel



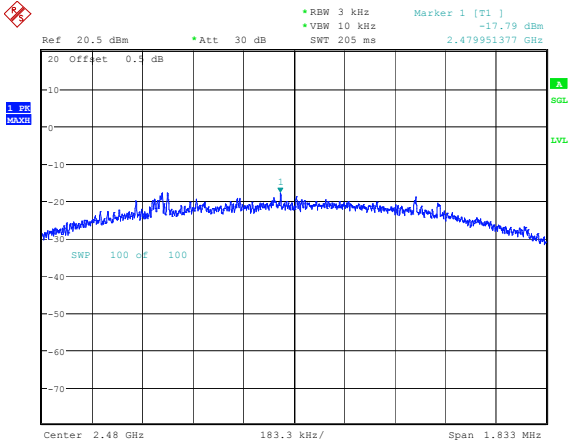
Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:17:31

BLE_2M_Middle_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:20:42

BLE_2M_High_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:25:33

100 kHz Bandwidth of Frequency Band Edge

BLE 1M

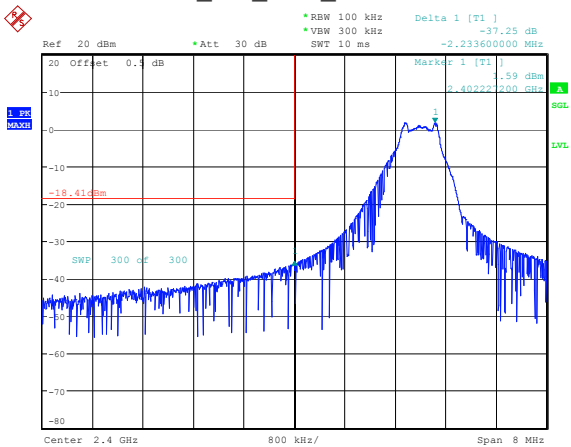
Channel	Result (dB)	Limit (dB)	Verdict
Low	37.25	20	Pass
High	41.79	20	Pass

BLE 2M

Channel	Result (dB)	Limit (dB)	Verdict
Low	31.89	20	Pass
High	41.66	20	Pass

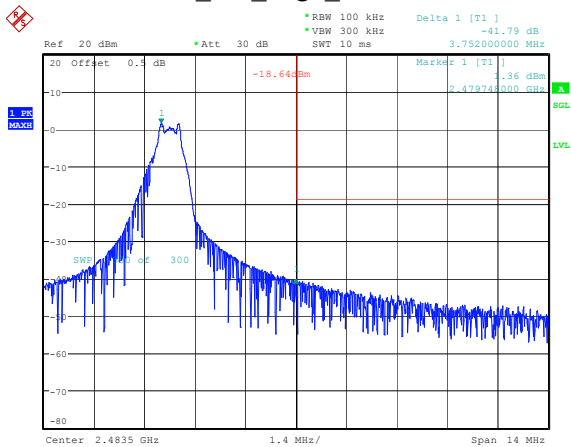
BLE 1M

BLE_1M_Low_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:03:04

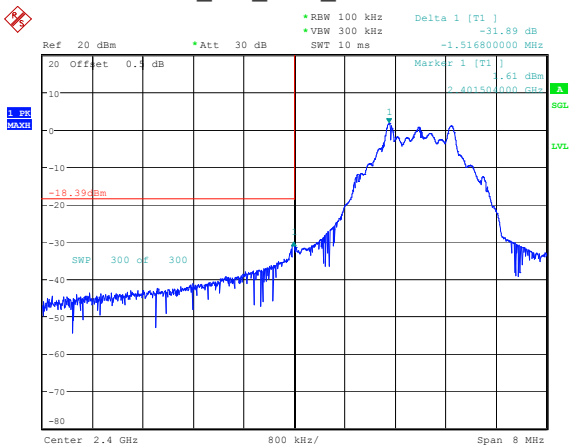
BLE_1M_High_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:10:18

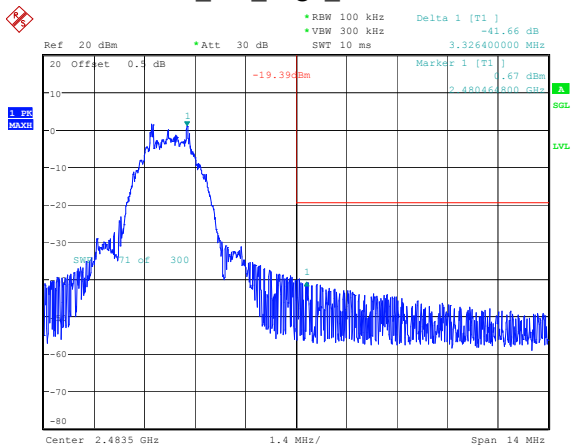
BLE 2M

BLE_2M_Low_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:15:29

BLE_2M_High_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:23:19

Duty Cycle

BLE 1M

Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
Middle	2.155	2.510	85.86	0.66	464	0.5

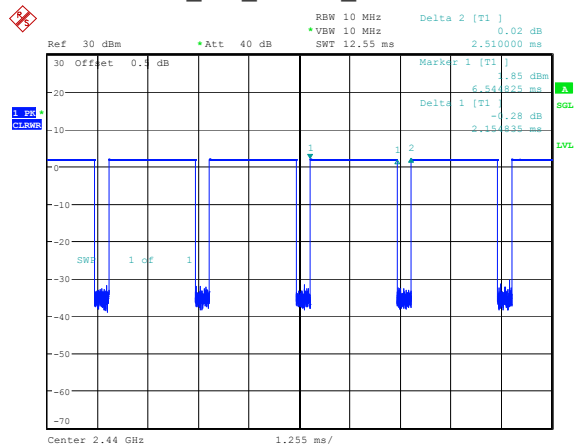
BLE 2M

Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
Middle	1.093	1.880	58.14	2.36	915	1

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

BLE 1M

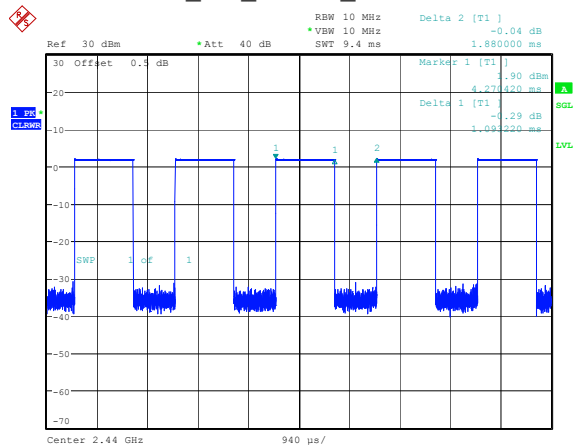
BLE_1M_Middle_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 14:56:49

BLE 2M

BLE_2M_Middle_Channel



Comment: ProjectNo.:2403Y67126E-RF Tester:Lingling Li
Date: 12.NOV.2024 15:21:38

*****END*****