Test Information:

Serial No.:	2NI0-2	**Test Date:**	2024/07/01
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Arthur Su	**Test Result:**	Pass

Environmental Conditions:

Temperature: (℃):	25	**Relative Humidity: (%)**	60	**ATM Pressure: (kPa)**	100

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101591	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

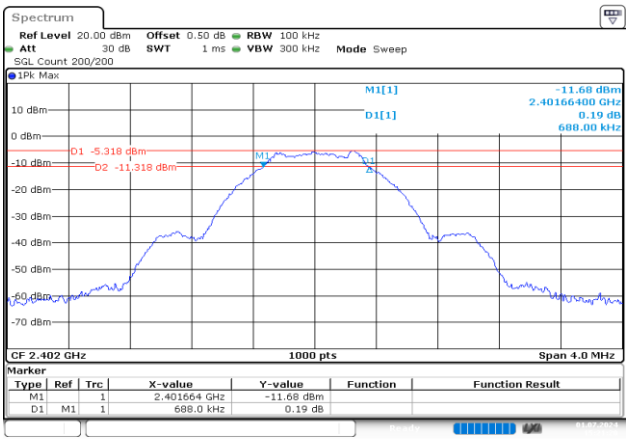
Mode	Value (MHz)	Limit (MHz)	Result
Low	0.688	0.5	Pass
Middle	0.692	0.5	Pass
High	0.668	0.5	Pass

BLE 2M

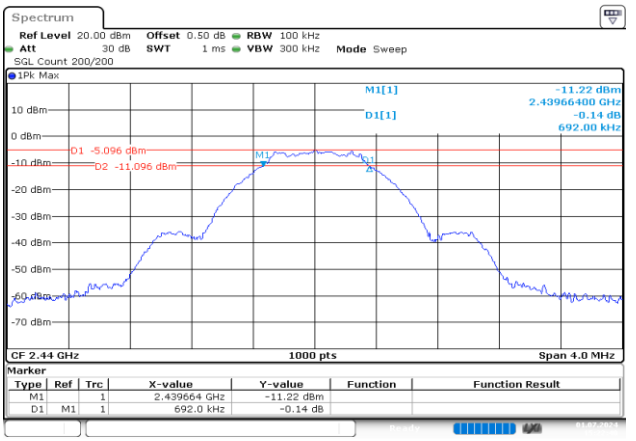
Mode	Value (MHz)	Limit (MHz)	Result
Low	1.176	0.5	Pass
Middle	1.148	0.5	Pass
High	1.244	0.5	Pass

BLE 1M

Low 0.688MHz

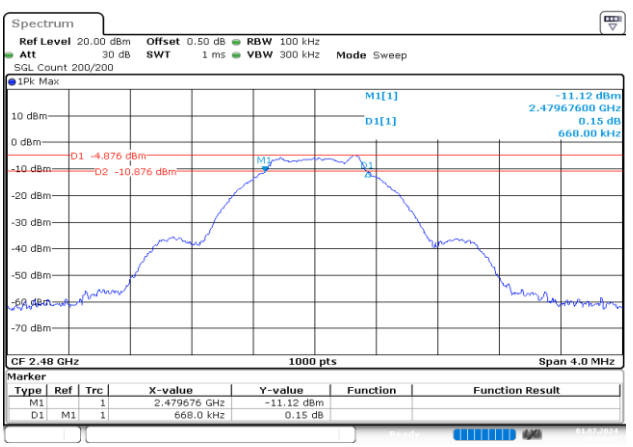


Middle 0.692MHz

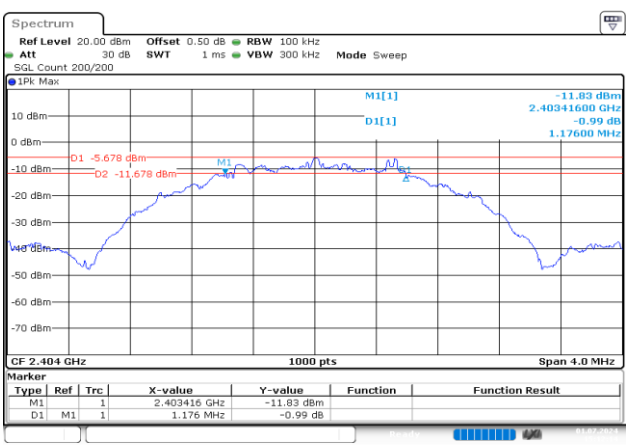


BLE 2M

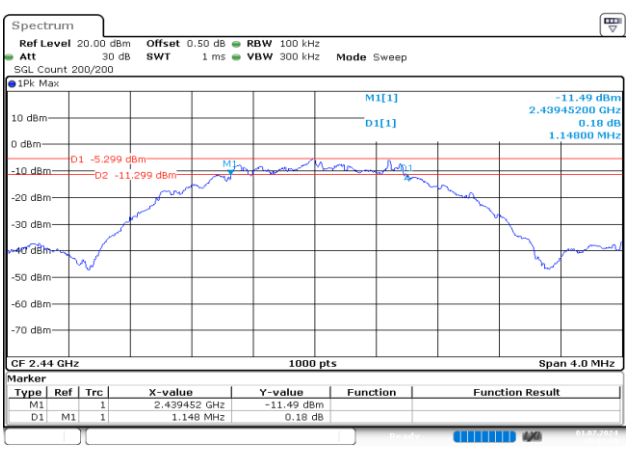
High 0.668MHz



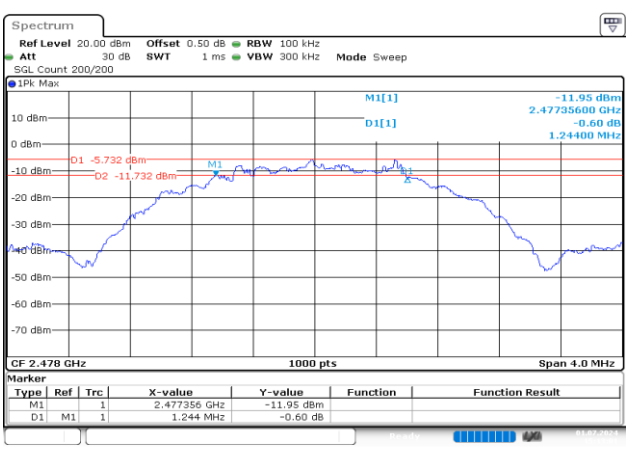
Low 1.176MHz



Middle 1.148MHz



High 1.244MHz



Maximum Conducted Output Power

BLE 1M

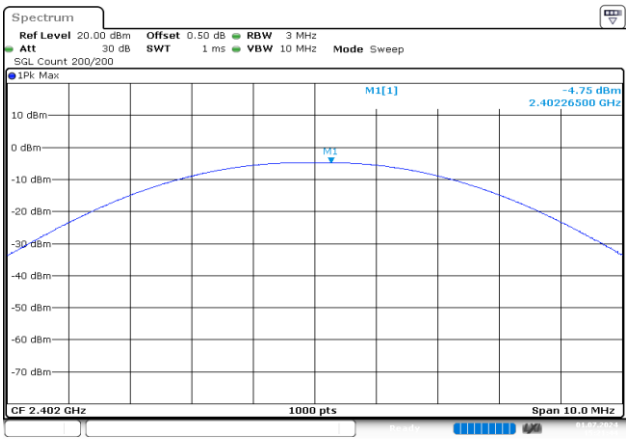
Mode	Value (dBm)	Limit (dBm)	Result
Low	-4.75	30.00	Pass
Middle	-4.24	30.00	Pass
High	-4.45	30.00	Pass

BLE 2M

Mode	Value (dBm)	Limit (dBm)	Result
Low	-4.62	30.00	Pass
Middle	-4.22	30.00	Pass
High	-4.31	30.00	Pass

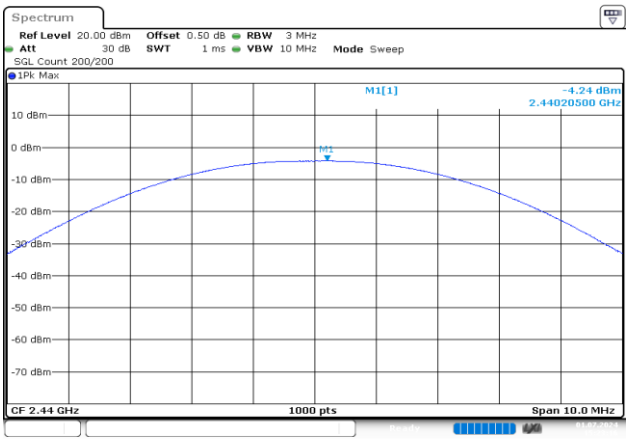
BLE 1M

Low -4.75dBm



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:21:44

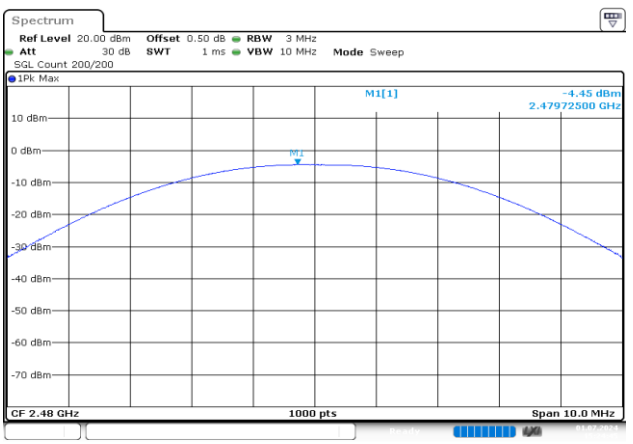
Middle -4.24dBm



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:23:16

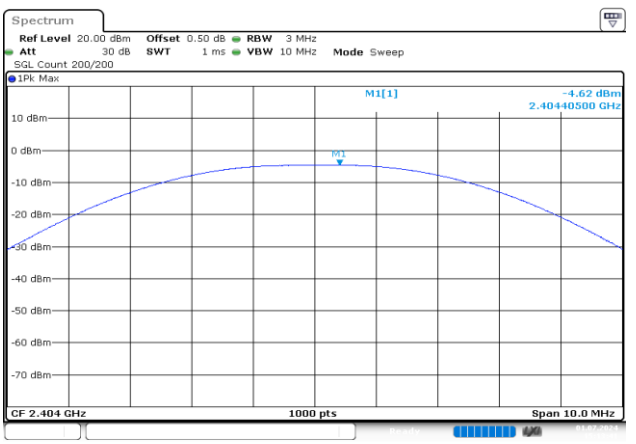
BLE 2M

High -4.45dBm



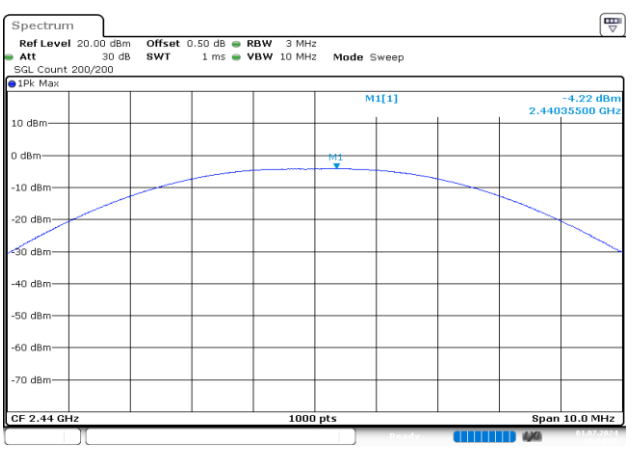
ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:24:45

Low -4.62dBm



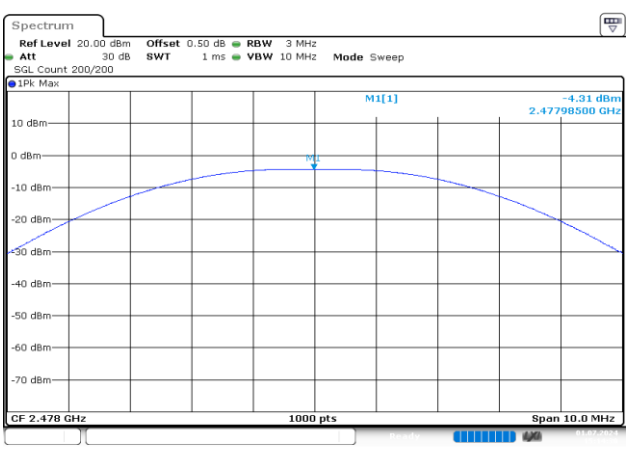
ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:13:41

Middle -4.22dBm



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:14:06

High -4.31dBm



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:14:31

100 kHz Bandwidth of Frequency Band Edge

BLE 1M

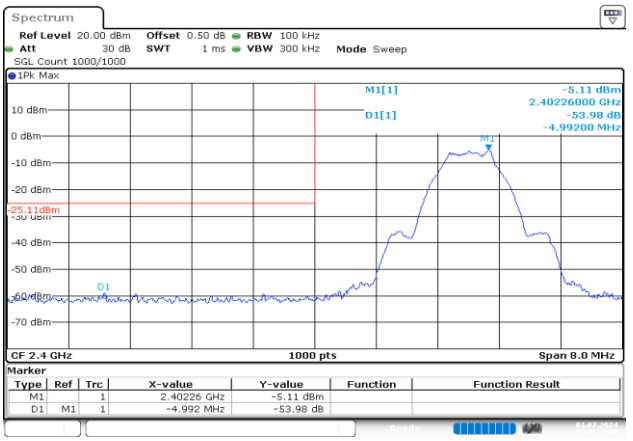
Mode	Value (dB)	Limit (dB)	Result
Low	53.98	20.00	Pass
High	54.03	20.00	Pass

BLE 2M

Mode	Value (dB)	Limit (dB)	Result
Low	53.68	20.00	Pass
High	53.75	20.00	Pass

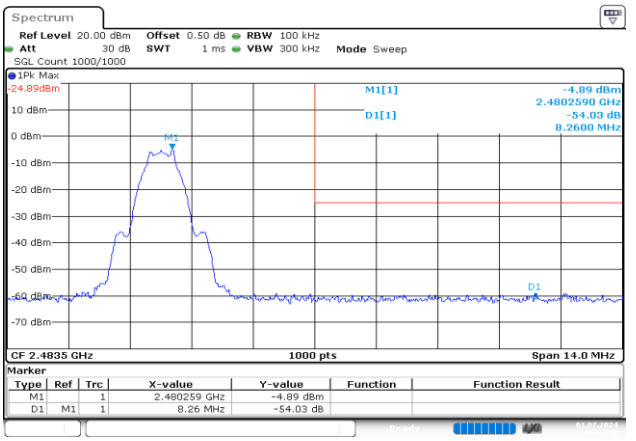
BLE 1M

Low 53.98dB



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:21:07

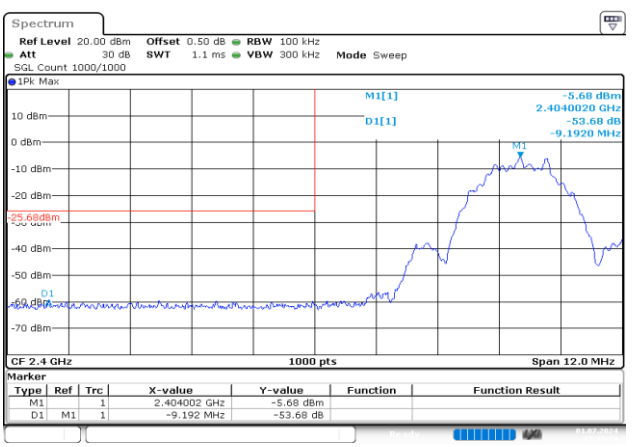
High 54.03dB



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:24:18

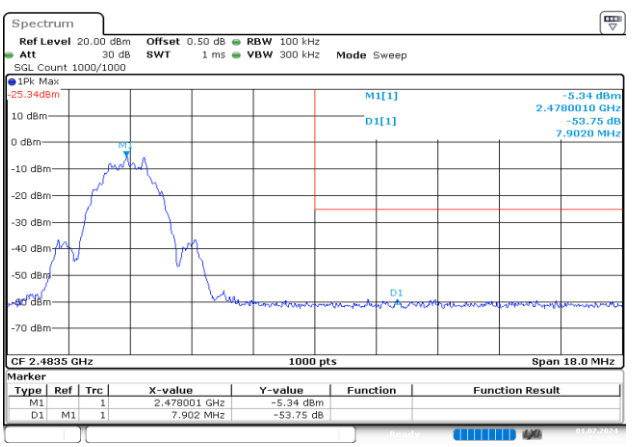
BLE 2M

Low 53.68dB



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:15:25

High 53.75dB



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:15:55

Power Spectral Density

BLE 1M

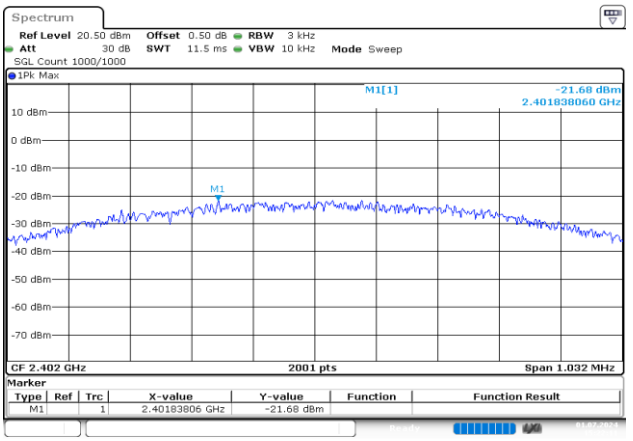
Mode	Value (dBm/3kHz)	Limit (dBm/3kHz)	Result
Low	-21.68	8.00	Pass
Middle	-21.14	8.00	Pass
High	-21.36	8.00	Pass

BLE 2M

Mode	Value (dBm/3kHz)	Limit (dBm/3kHz)	Result
Low	-23.53	8.00	Pass
Middle	-23.15	8.00	Pass
High	-23.19	8.00	Pass

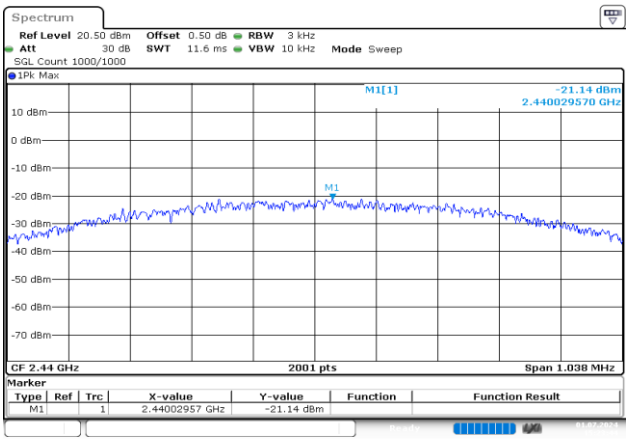
BLE 1M

Low -21.68dBm/3kHz



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:22:12

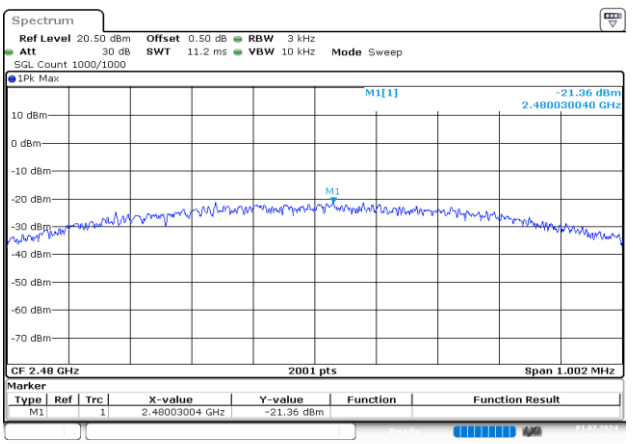
Middle -21.14dBm/3kHz



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:23:44

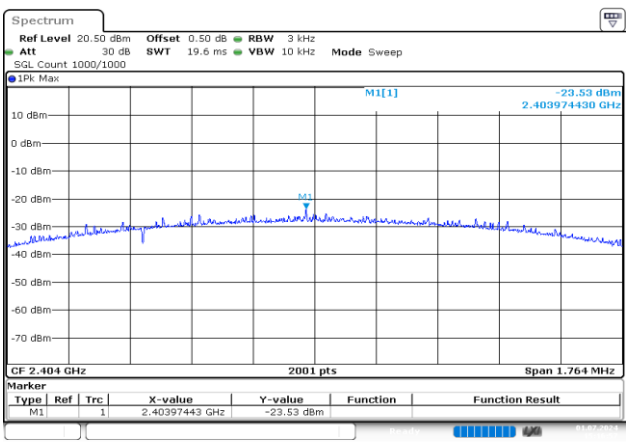
BLE 2M

High -21.36dBm/3kHz



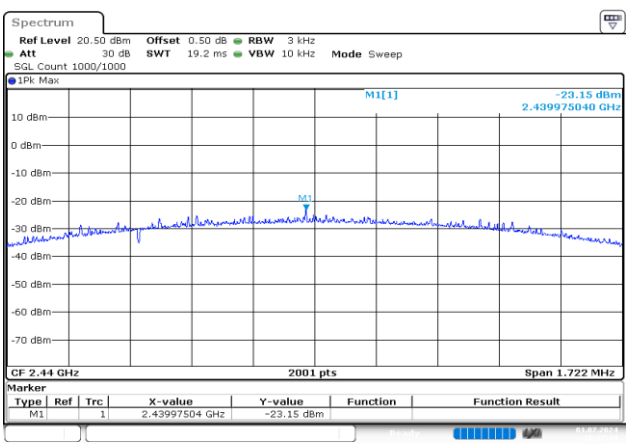
ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:25:12

Low -23.53dBm/3kHz



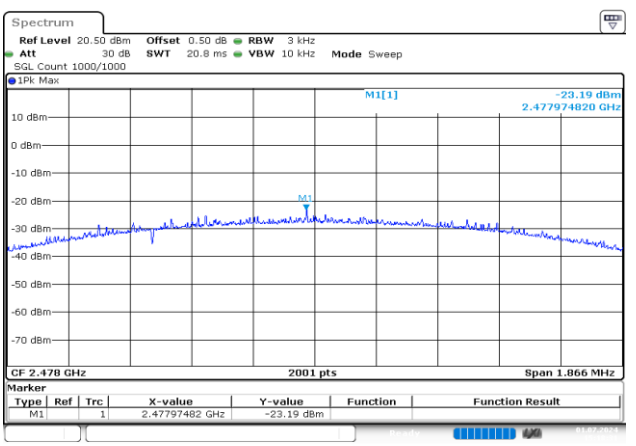
ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:16:58

Middle -23.15dBm/3kHz



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:17:44

High -23.19dBm/3kHz



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:18:31

Duty Cycle

BLE 1M

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor (dB)	1/T (Hz)	VBW Setting (kHz)
Middle	2.115	2.490	84.94	0.71	473.0	0.500

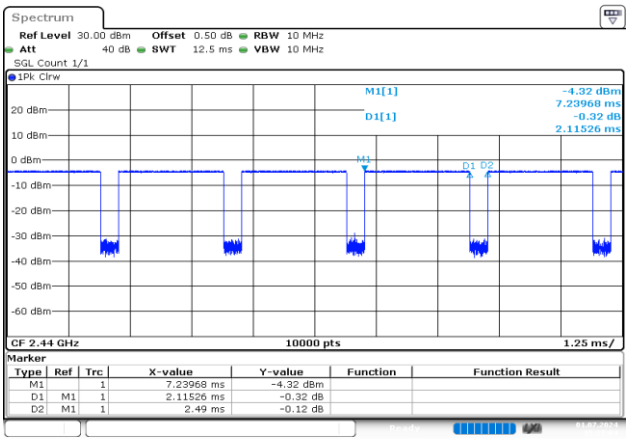
BLE 2M

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor (dB)	1/T (Hz)	VBW Setting (kHz)
Middle	1.066	1.870	57.01	2.44	938.0	1.000

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

BLE 1M

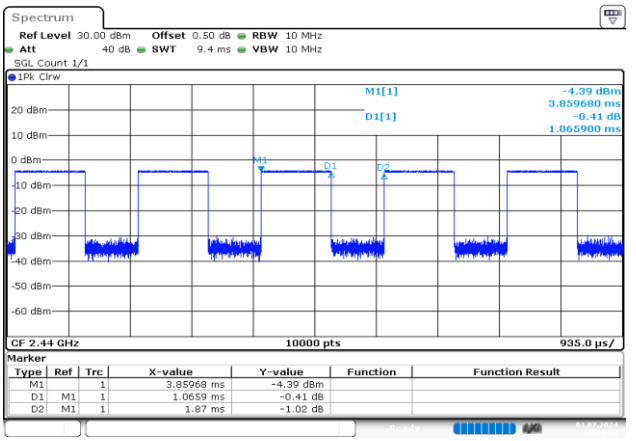
Middle



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:23:04

BLE 2M

Middle



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:19:34