

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: (°C):	25	Relative Humidity: (%)	60	ATM Pressure: (kPa)	100
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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

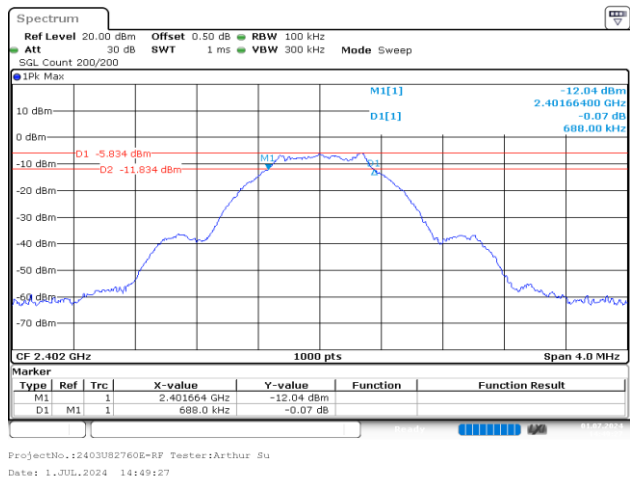
Mode	Value (MHz)	Limit (MHz)	Result
Low	0.688	0.5	Pass
Middle	0.684	0.5	Pass
High	0.720	0.5	Pass

BLE 2M

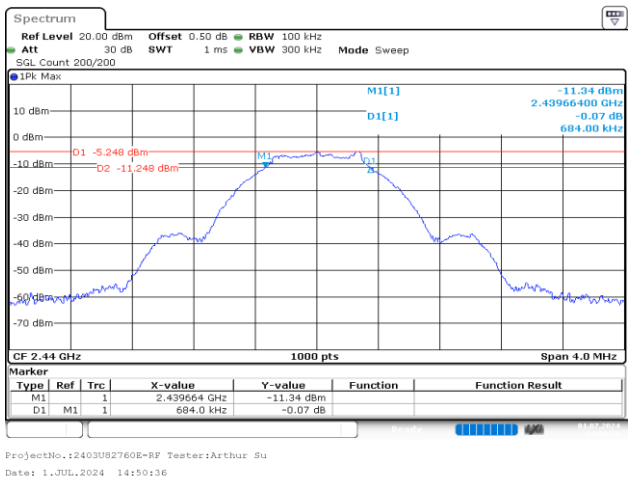
Mode	Value (MHz)	Limit (MHz)	Result
Low	1.172	0.5	Pass
Middle	1.188	0.5	Pass
High	1.268	0.5	Pass

BLE 1M

Low 0.688MHz

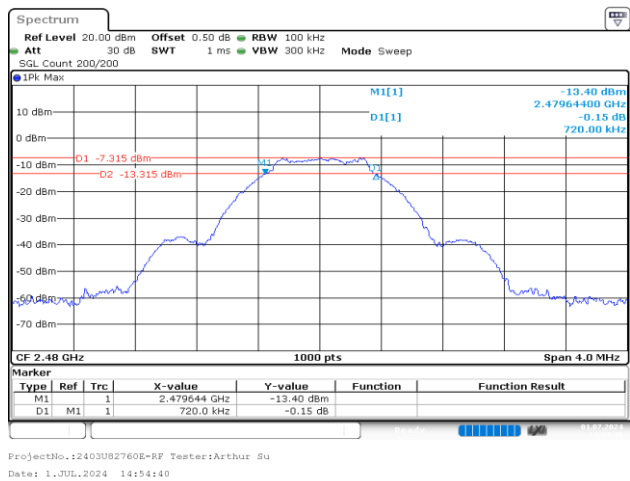


Middle 0.684MHz

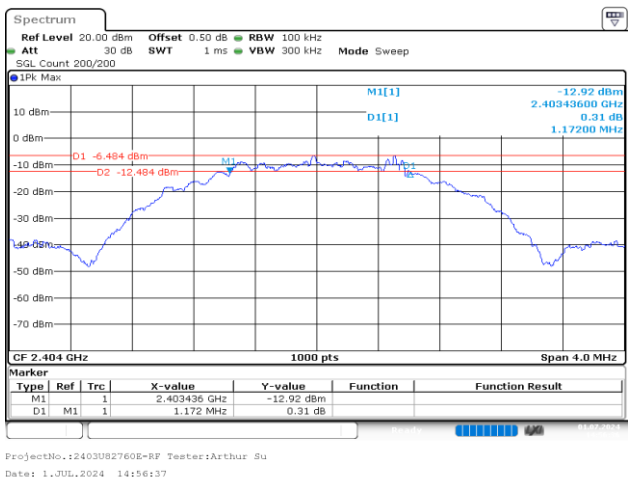


BLE 2M

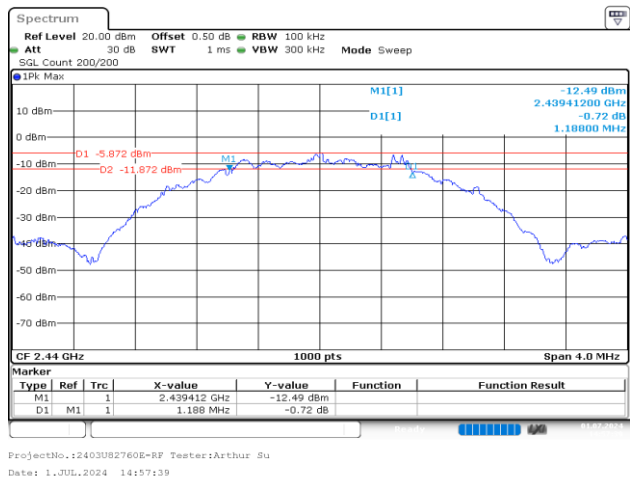
High 0.720MHz



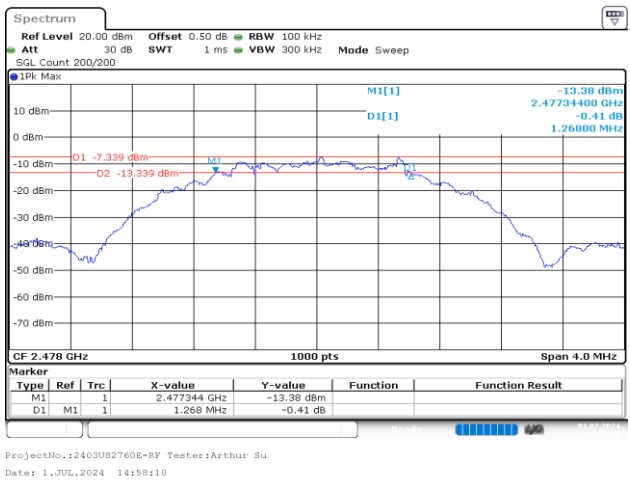
Low 1.172MHz



Middle 1.188MHz



High 1.268MHz



Maximum Conducted Output Power

BLE 1M

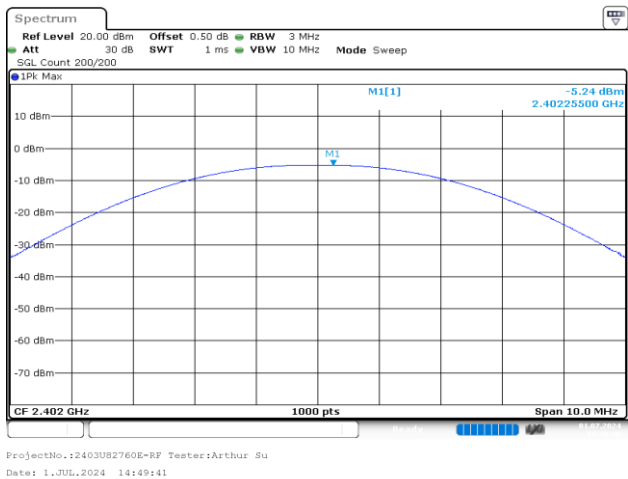
Mode	Value (dBm)	Limit (dBm)	Result
Low	-5.24	30.00	Pass
Middle	-4.80	30.00	Pass
High	-6.09	30.00	Pass

BLE 2M

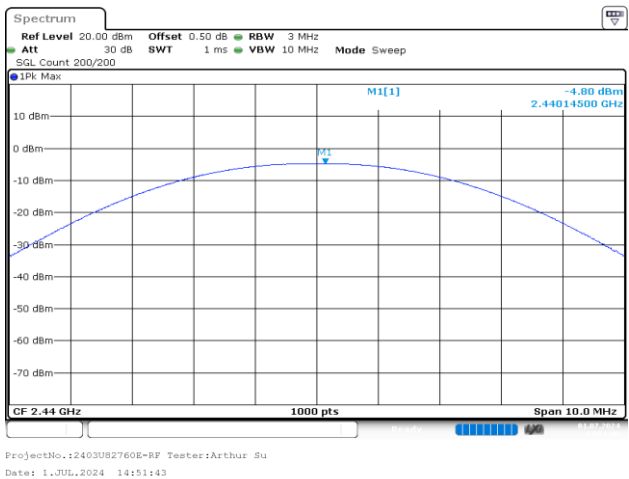
Mode	Value (dBm)	Limit (dBm)	Result
Low	-5.09	30.00	Pass
Middle	-4.74	30.00	Pass
High	-5.57	30.00	Pass

BLE 1M

Low -5.24dBm

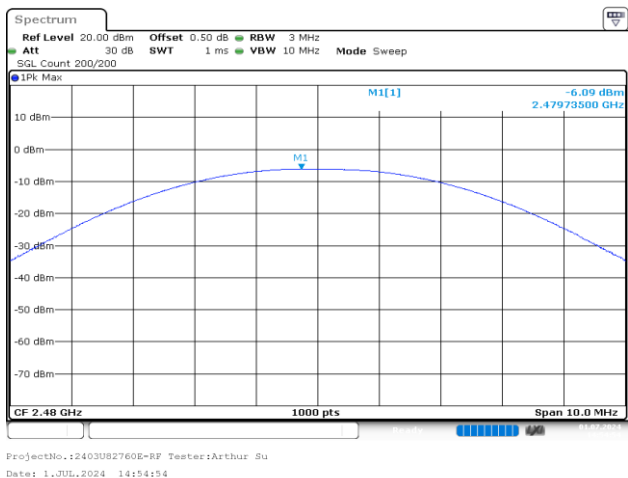


Middle -4.80dBm

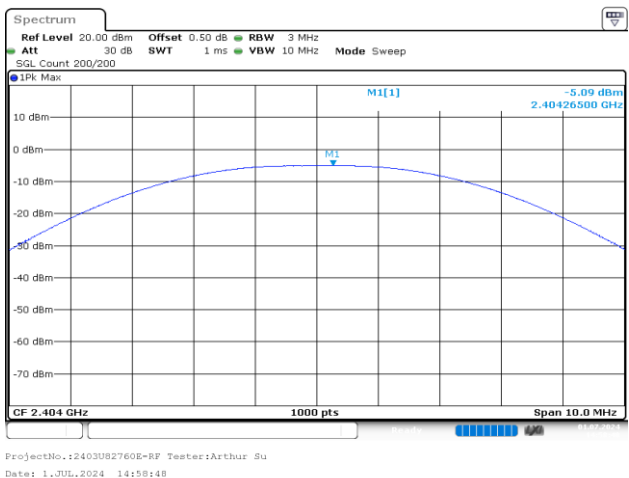


BLE 2M

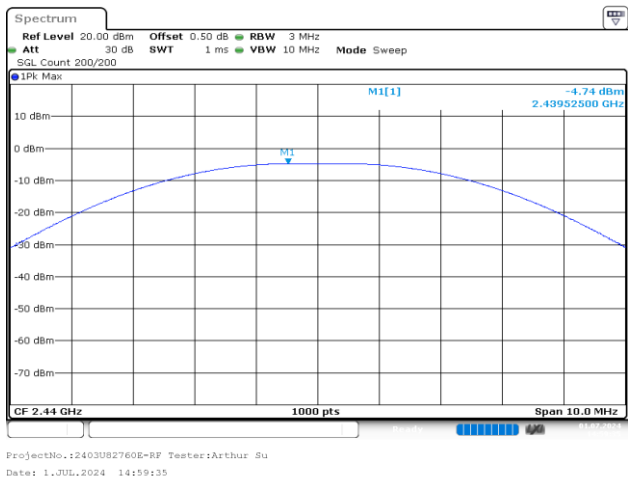
High -6.09dBm



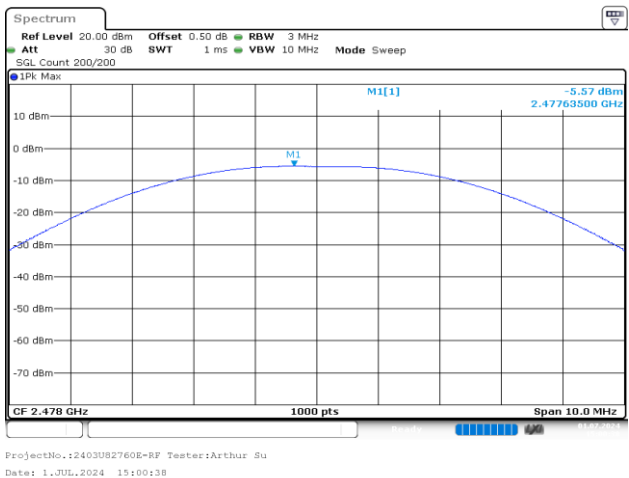
Low -5.09dBm



Middle -4.74dBm



High -5.57dBm



100 kHz Bandwidth of Frequency Band Edge

BLE 1M

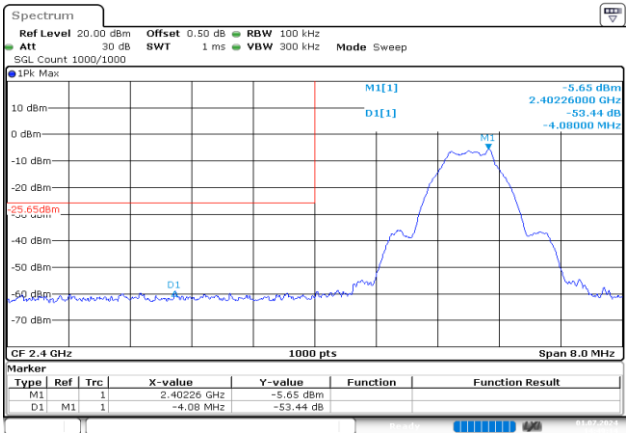
Mode	Value (dB)	Limit (dB)	Result
Low	53.44	20.00	Pass
High	52.31	20.00	Pass

BLE 2M

Mode	Value (dB)	Limit (dB)	Result
Low	53.44	20.00	Pass
High	51.70	20.00	Pass

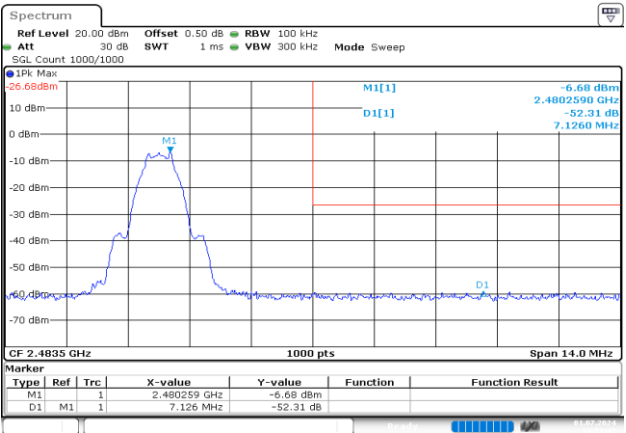
BLE 1M

Low 53.44dB



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 14:49:14

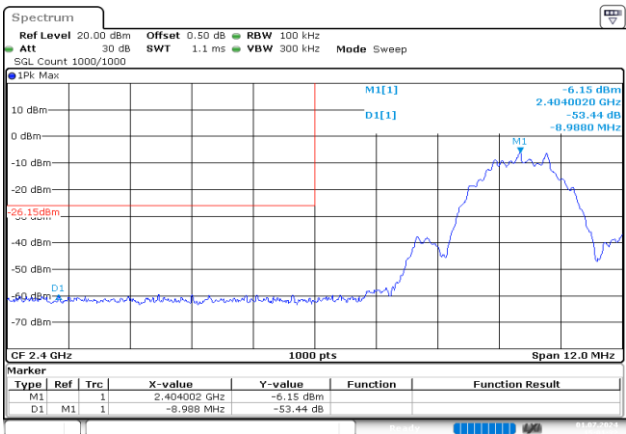
High 52.31dB



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 14:52:42

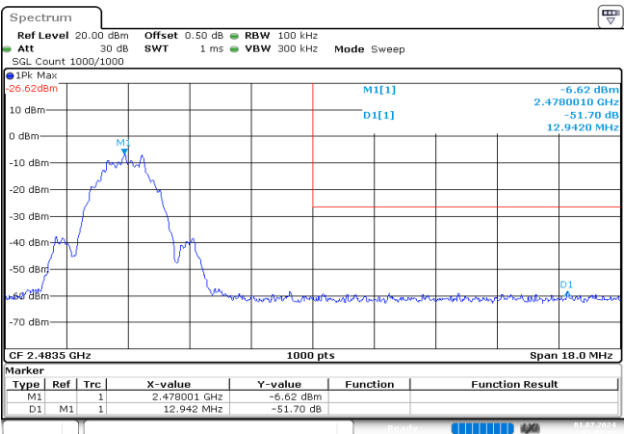
BLE 2M

Low 53.44dB



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High 51.70dB



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Date: 1.JUL.2024 15:02:12

Power Spectral Density

BLE 1M

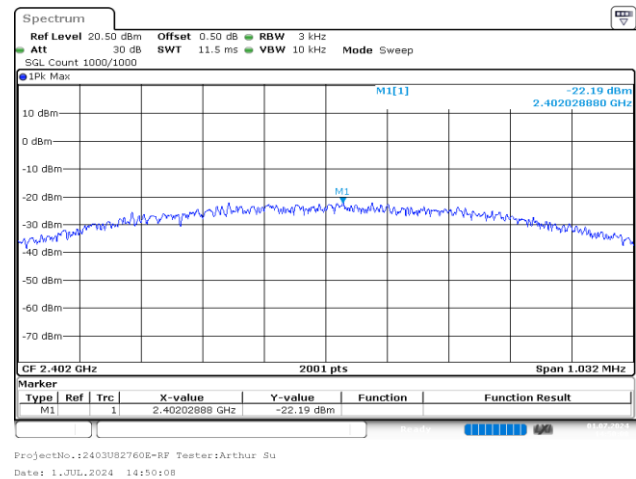
Mode	Value (dBm/3kHz)	Limit (dBm/3kHz)	Result
Low	-22.19	8.00	Pass
Middle	-21.73	8.00	Pass
High	-23.07	8.00	Pass

BLE 2M

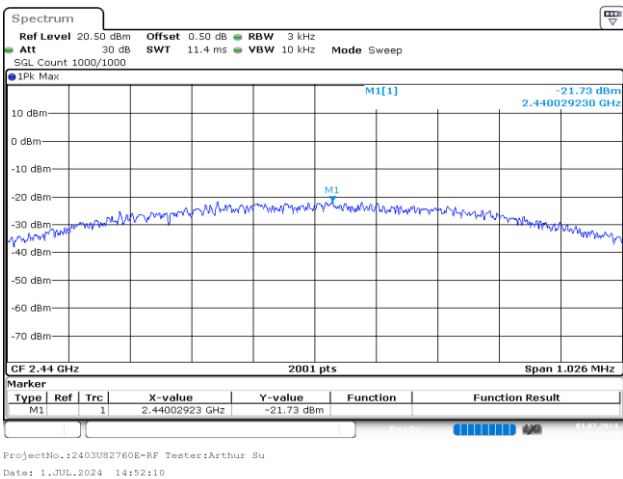
Mode	Value (dBm/3kHz)	Limit (dBm/3kHz)	Result
Low	-24.01	8.00	Pass
Middle	-23.62	8.00	Pass
High	-24.51	8.00	Pass

BLE 1M

Low -22.19dBm/3kHz

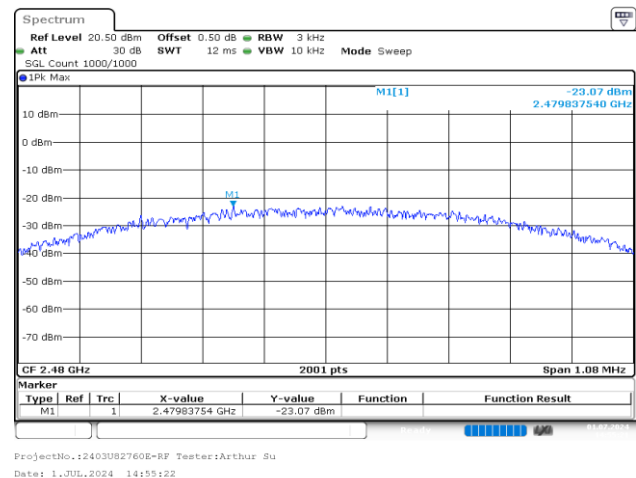


Middle -21.73dBm/3kHz

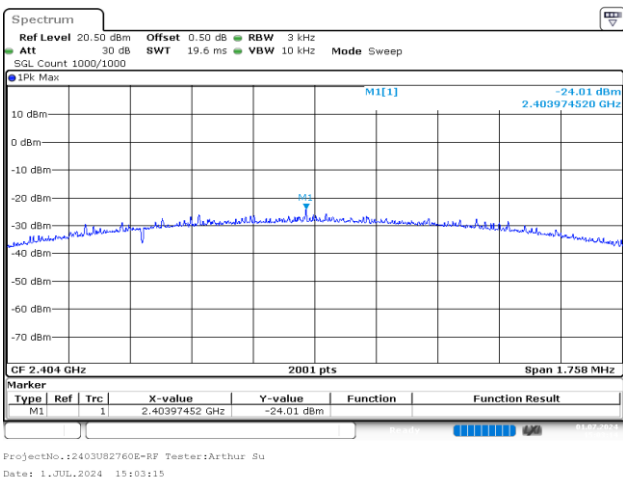


BLE 2M

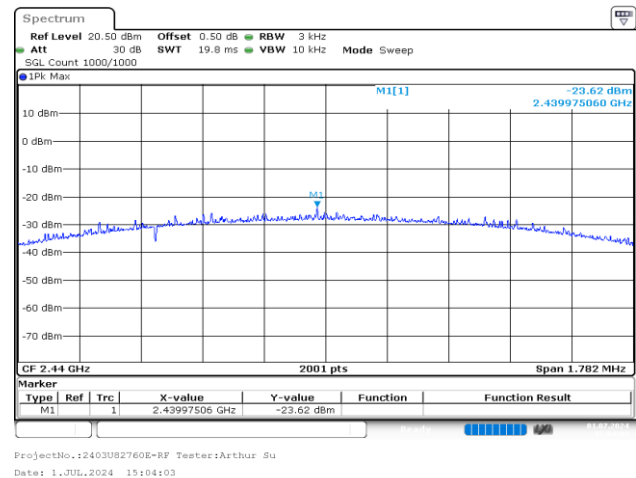
High -23.07dBm/3kHz



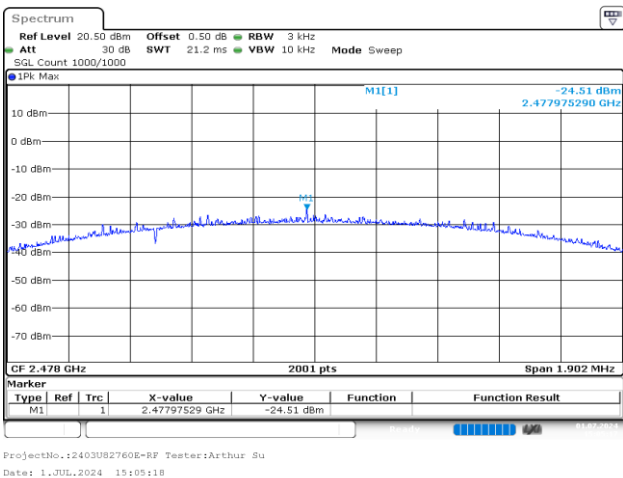
Low -24.01dBm/3kHz



Middle -23.62dBm/3kHz



High -24.51dBm/3kHz



Duty Cycle

BLE 1M

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor (dB)	1/T (Hz)	VBW Setting (kHz)
Middle	2.111	2.485	84.95	0.71	474.0	0.500

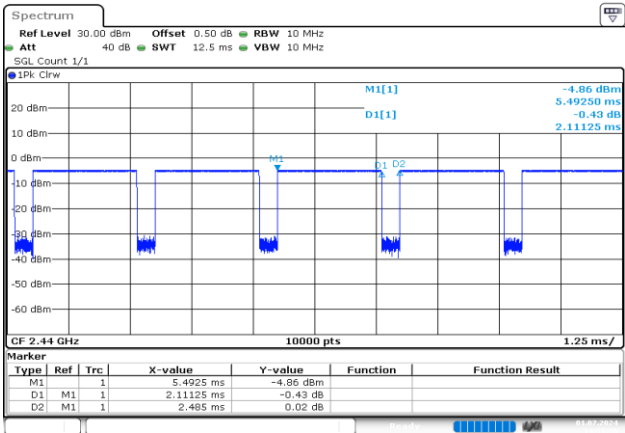
BLE 2M

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor (dB)	1/T (Hz)	VBW Setting (kHz)
Middle	1.063	1.864	57.03	2.44	941.0	1.000

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

BLE 1M

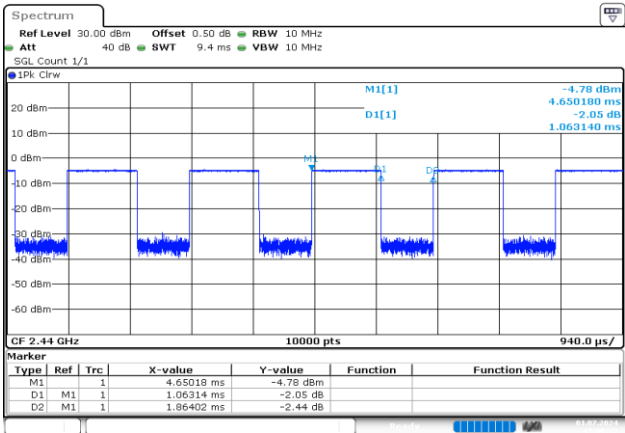
Middle



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Date: 1.JUL.2024 14:51:30

BLE 2M

Middle



ProjectNo.:2403U82760E-RF Tester:Arthur Su
Date: 1.JUL.2024 15:06:33