Test Information:

Sample No.:	2V9E-1	**Test Date:**	2024/12/09
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Arthur Su	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C):	25.7	**Relative Humidity: (%)**	50	**ATM Pressure: (kPa)**	101.3

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	200256	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

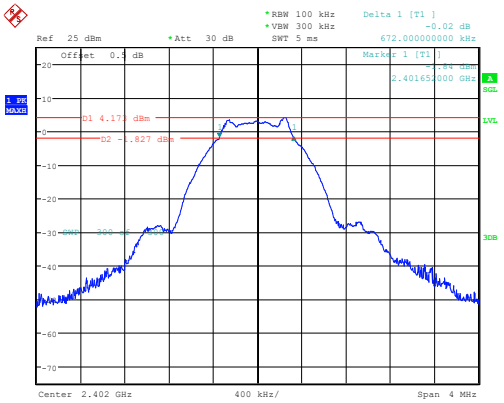
Channel	Result (MHz)	Limit (MHz)	Verdict
Low	0.672	≥0.5	Pass
Middle	0.676	≥0.5	Pass
High	0.676	≥0.5	Pass

BLE 2M

Channel	Result (MHz)	Limit (MHz)	Verdict
Low	1.266	≥0.5	Pass
Middle	1.260	≥0.5	Pass
High	1.260	≥0.5	Pass

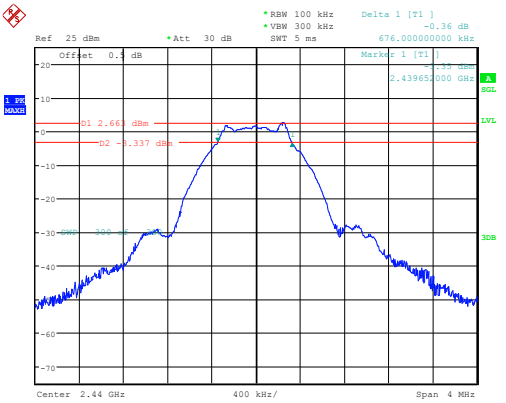
BLE 1M

BLE_1M_Low_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:36:01

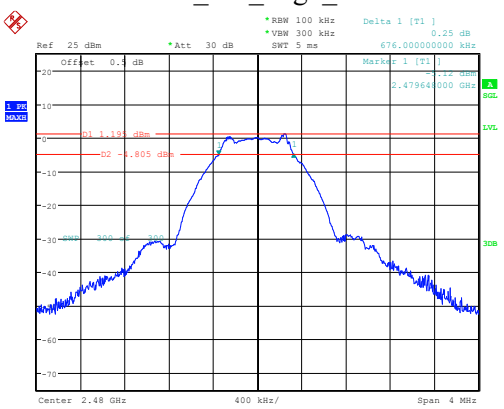
BLE_1M_Middle_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:37:49

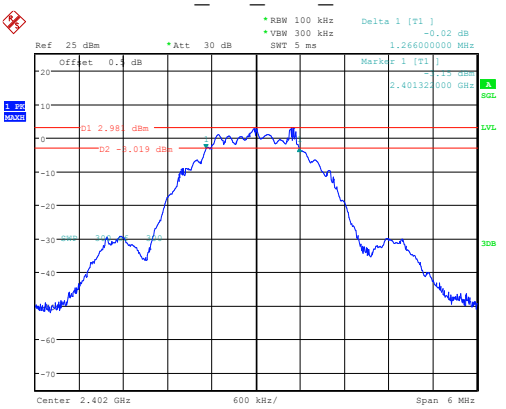
BLE 2M

BLE_1M_High_Channel



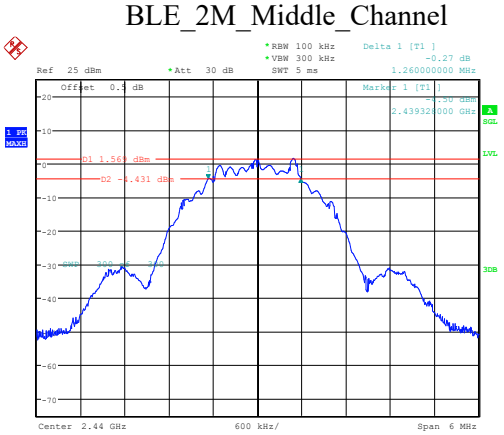
ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:40:21

BLE_2M_Low_Channel



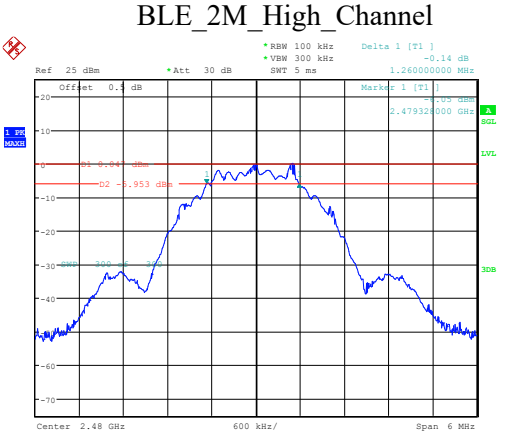
ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:45:03

BLE_2M_Middle_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:46:59

BLE_2M_High_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:49:20

99% Occupied Bandwidth

BLE 1M

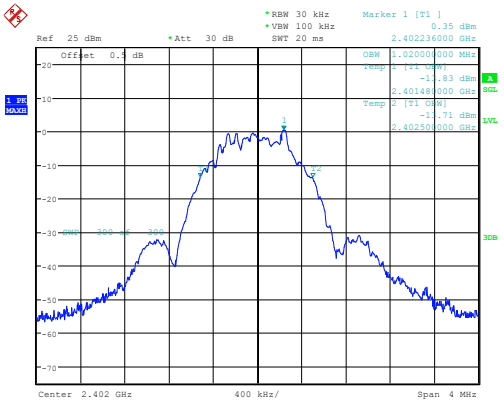
Channel	99% OBW (MHz)
Low	1.020
Middle	1.020
High	1.020

BLE 2M

Channel	99% OBW (MHz)
Low	2.046
Middle	2.046
High	2.046

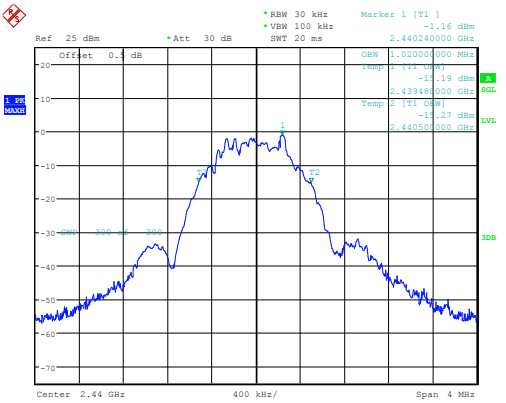
BLE 1M

BLE_1M_Low_Channel



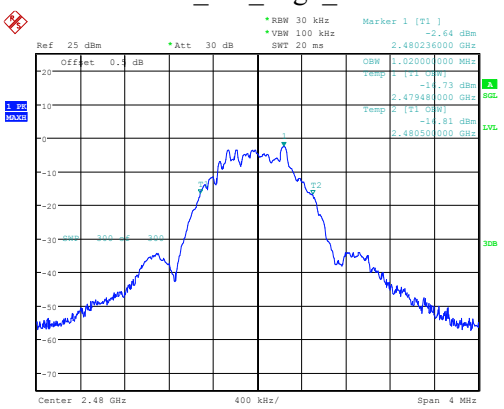
ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:36:24

BLE_1M_Middle_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:38:12

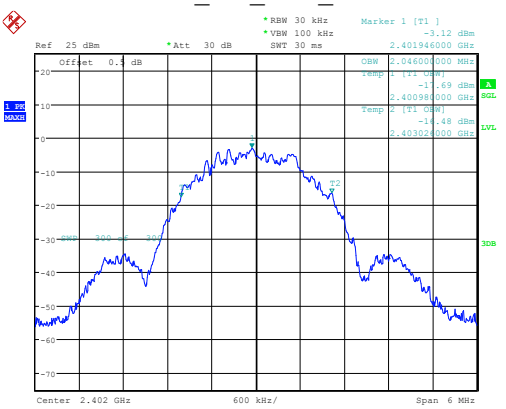
BLE_1M_High_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:40:48

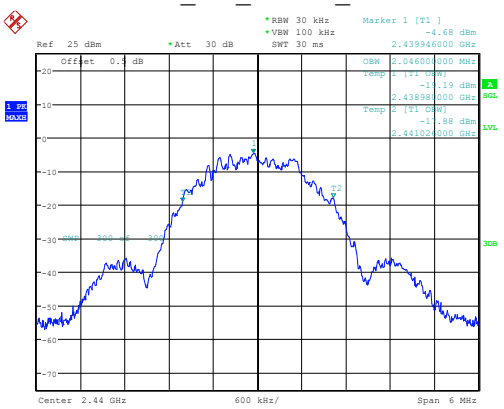
BLE 2M

BLE_2M_Low_Channel



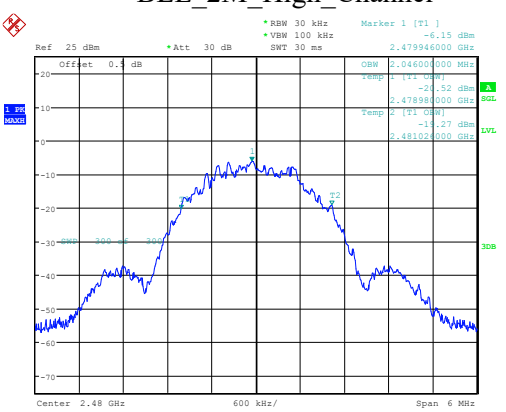
ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:45:29

BLE_2M_Middle_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:47:24

BLE_2M_High_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:49:51

Maximum Conducted Output Power

BLE 1M

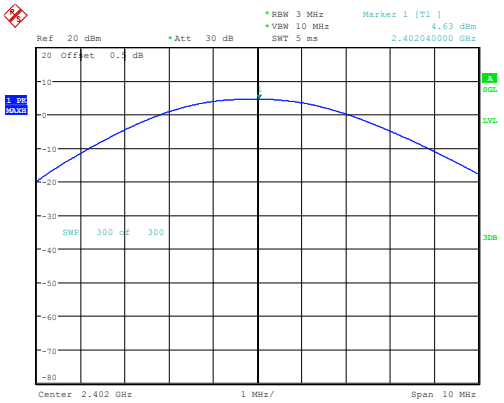
Channel	Result (dBm)	Limit (dBm)	Verdict
Low	4.63	30.00	Pass
Middle	3.09	30.00	Pass
High	1.62	30.00	Pass

BLE 2M

Channel	Result (dBm)	Limit (dBm)	Verdict
Low	4.63	30.00	Pass
Middle	3.05	30.00	Pass
High	1.58	30.00	Pass

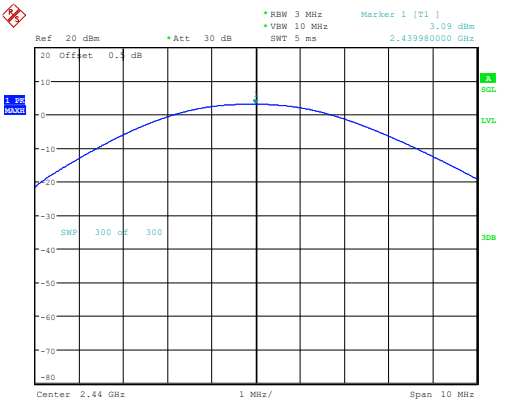
BLE 1M

BLE_1M_Low_Channel



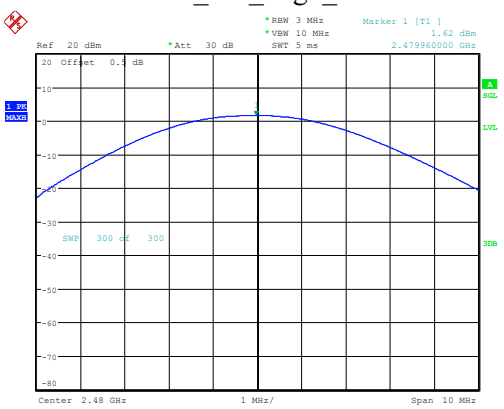
ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:36:39

BLE_1M_Middle_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:38:27

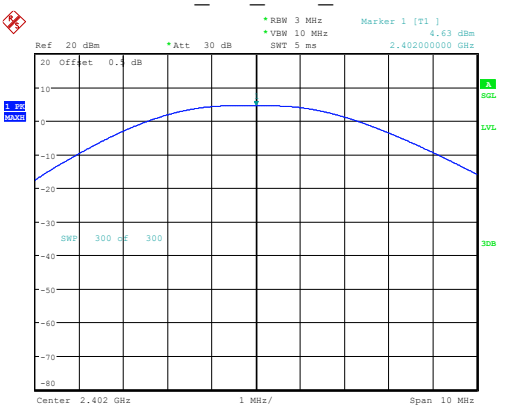
BLE_1M_High_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:41:06

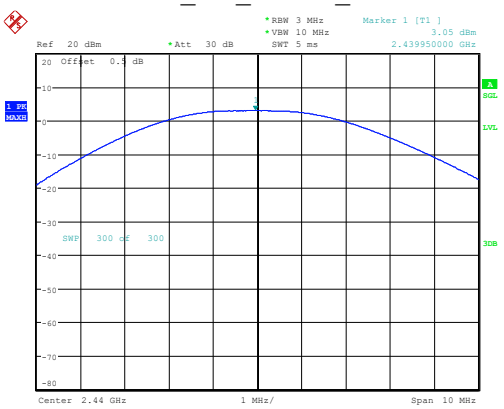
BLE 2M

BLE_2M_Low_Channel



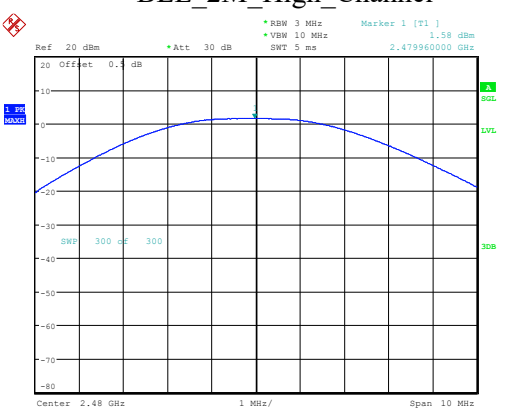
ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:45:44

BLE_2M_Middle_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:47:39

BLE_2M_High_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:50:07

Power Spectral Density

BLE 1M

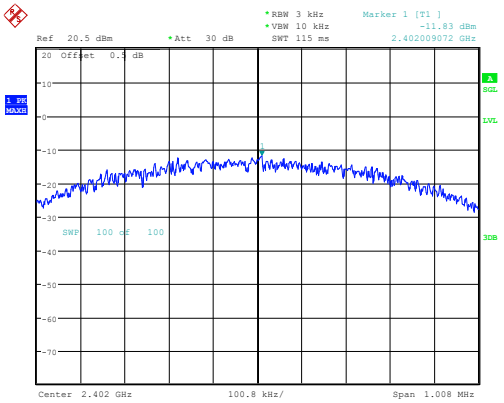
Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-11.83	8	Pass
Middle	-13.37	8	Pass
High	-14.87	8	Pass

BLE 2M

Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-15.23	8	Pass
Middle	-16.77	8	Pass
High	-18.23	8	Pass

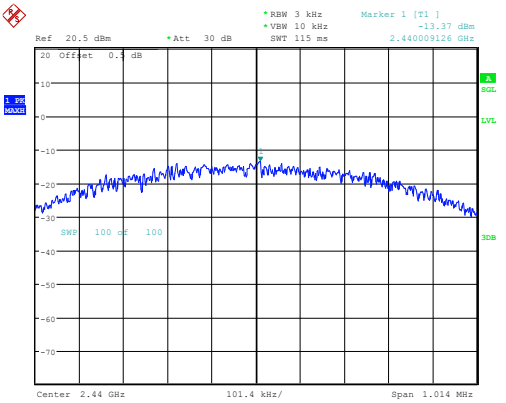
BLE 1M

BLE_1M_Low_Channel



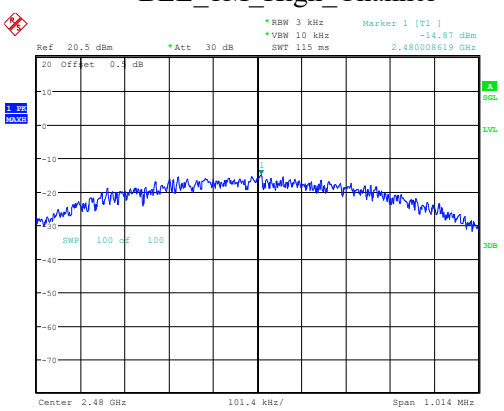
ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:37:00

BLE_1M_Middle_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:38:48

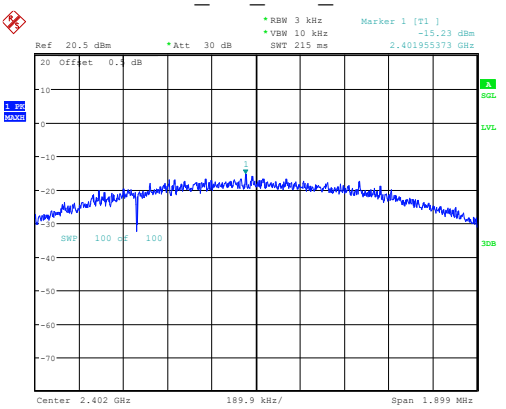
BLE_1M_High_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:43:45

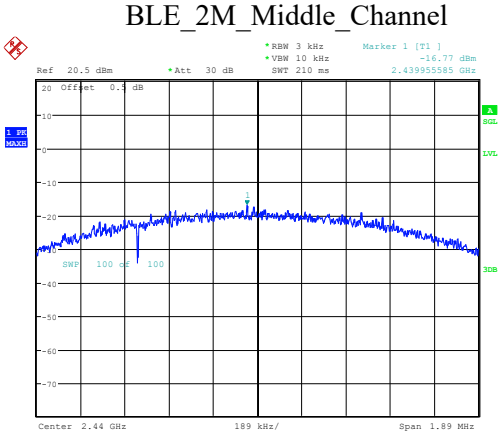
BLE 2M

BLE_2M_Low_Channel



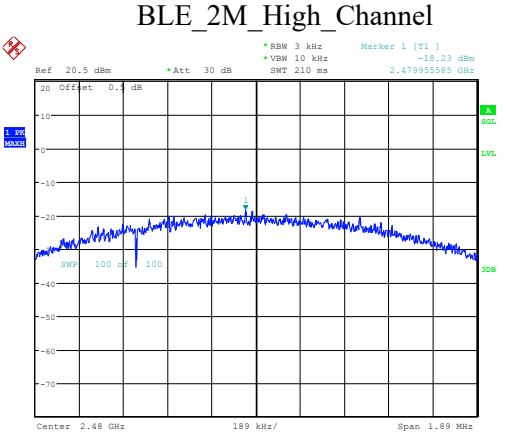
ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:46:15

BLE_2M_Middle_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:48:10

BLE_2M_High_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:50:38

100 kHz Bandwidth of Frequency Band Edge

BLE 1M

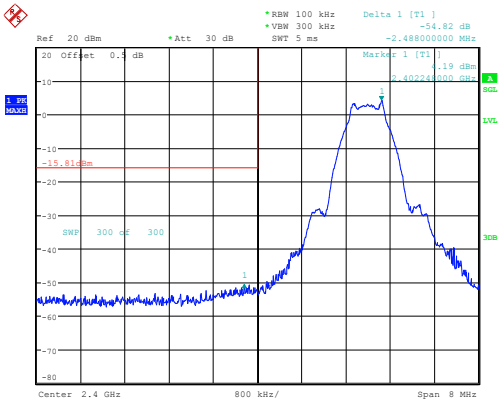
Channel	Result (dB)	Limit (dB)	Verdict
Low	54.82	20	Pass
High	53.75	20	Pass

BLE 2M

Channel	Result (dB)	Limit (dB)	Verdict
Low	32.91	20	Pass
High	52.97	20	Pass

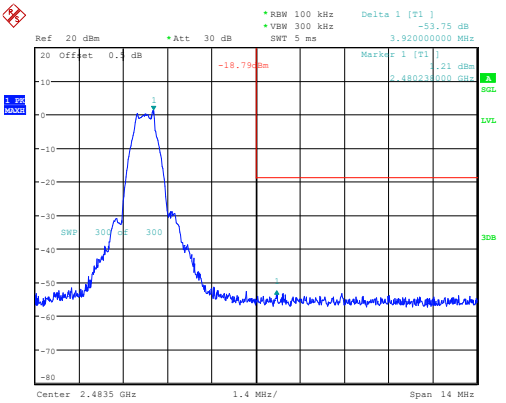
BLE 1M

BLE_1M_Low_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:35:40

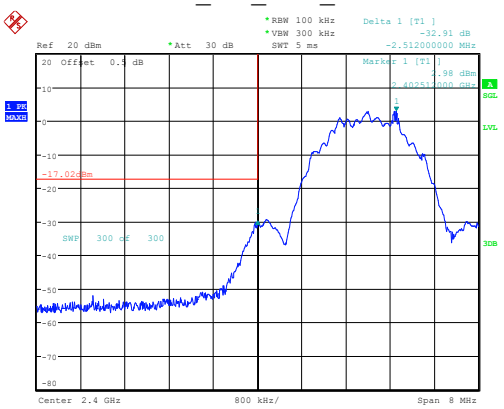
BLE_1M_High_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:39:56

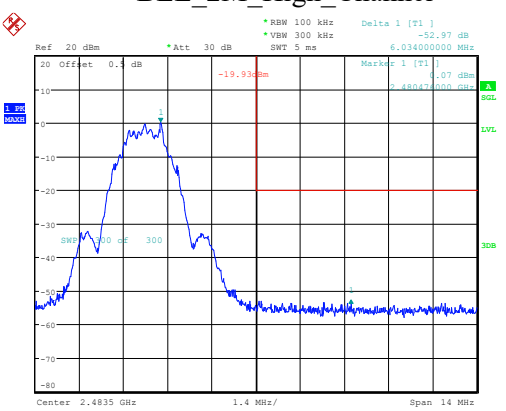
BLE 2M

BLE_2M_Low_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:44:42

BLE_2M_High_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:48:55

Duty Cycle

BLE 1M

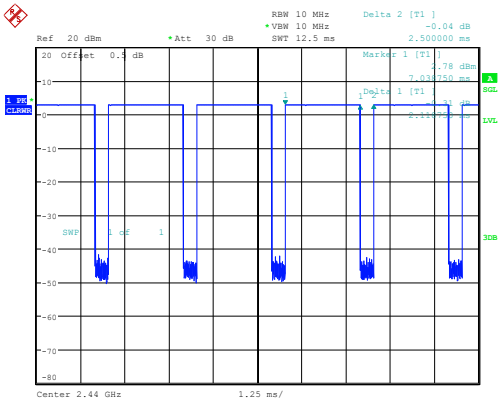
Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
Middle	2.119	2.500	84.76	0.72	472	0.500

BLE 2M

Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
Middle	1.066	1.880	56.70	2.46	938	1

BLE 1M

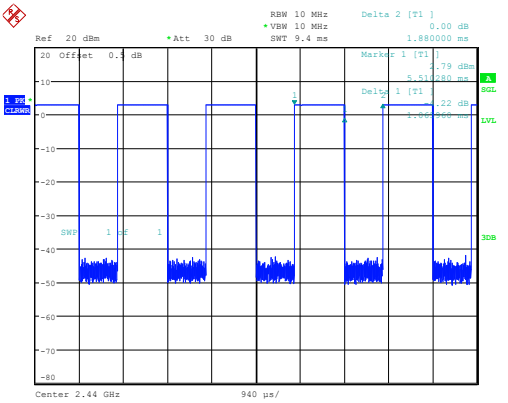
BLE_1M_Middle_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:30:16

BLE 2M

BLE_2M_Middle_Channel



ProjectNo.:2403Z107562E-RF Tester:Arthur Su
Date: 9.DEC.2024 11:31:10