Test Information:

Sample No.:	38JI-1	**Test Date:**	2025/08/27
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Chloe Zhao	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	24.5	**Relative Humidity: (%)**	51	**ATM Pressure: (kPa)**	100.2

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSP 38	100484	2025/07/28	2026/07/27
R&S	Spectrum Analyzer	FSU26	200256	2025/03/31	2026/03/30
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060301	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

Chain 1, BLE 1Mbps

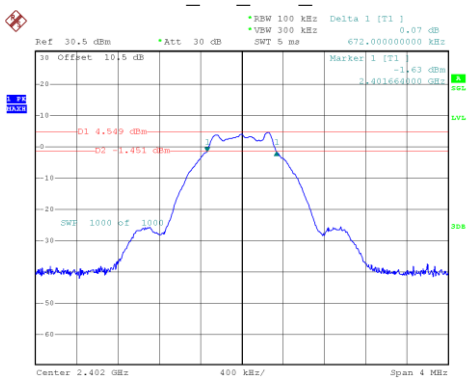
Channel	Result (MHz)	Limit (MHz)	Verdict
Low	0.672	≥0.5	Pass
Middle	0.676	≥0.5	Pass
High	0.672	≥0.5	Pass

Chain 1, BLE 2Mbps

Channel	Result (MHz)	Limit (MHz)	Verdict
Low	1.182	≥0.5	Pass
Middle	1.182	≥0.5	Pass
High	1.242	≥0.5	Pass

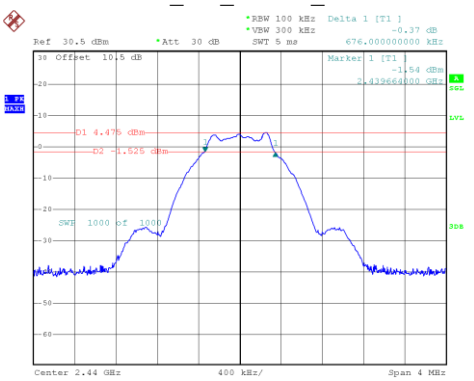
BLE 1Mbps

BLE_1M_Low_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:48:53

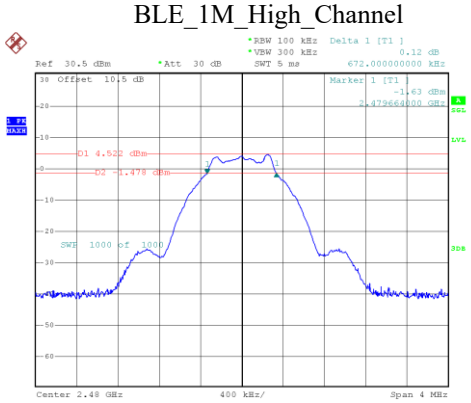
BLE_1M_Middle_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:49:45

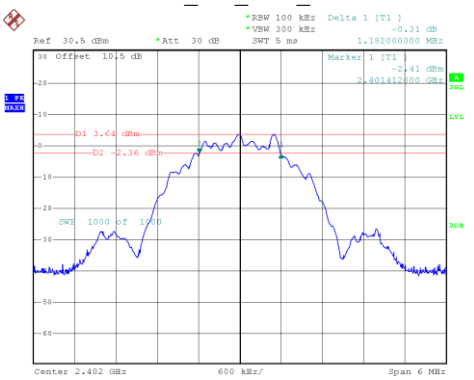
BLE 2Mbps

BLE_1M_High_Channel



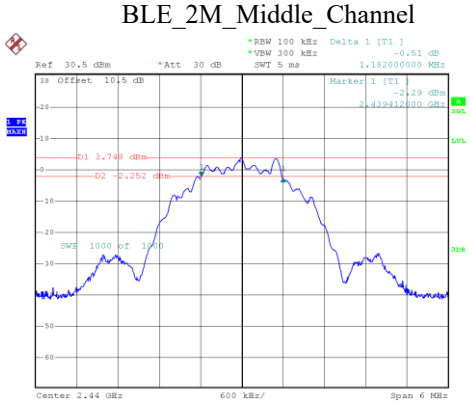
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:50:48

BLE_2M_Low_Channel



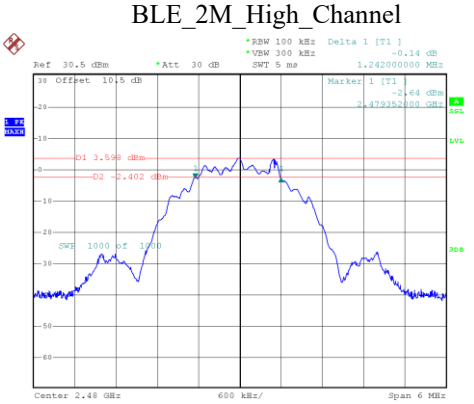
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:51:53

BLE_2M_Middle_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:52:48

BLE_2M_High_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:53:37

99% Occupied Bandwidth

Chain 1, BLE 1Mbps

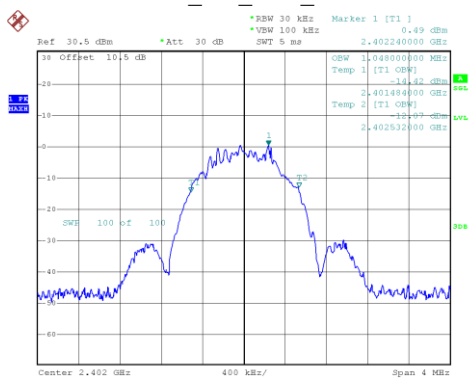
Channel	99% OBW (MHz)
Low	1.048
Middle	1.048
High	1.044

Chain 1, BLE 2Mbps

Channel	99% OBW (MHz)
Low	2.076
Middle	2.082
High	2.076

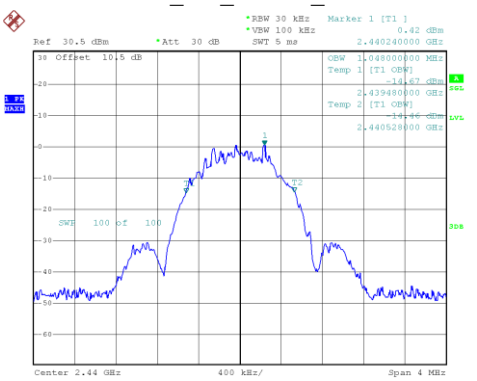
BLE 1Mbps

BLE_1M_Low_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 20:08:32

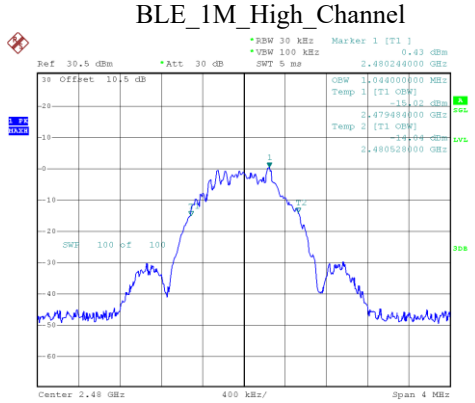
BLE_1M_Middle_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 20:08:58

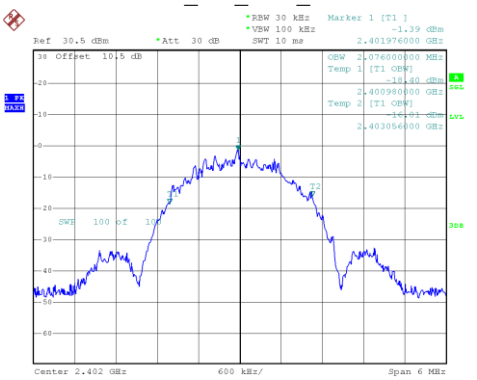
BLE 2Mbps

BLE_1M_High_Channel



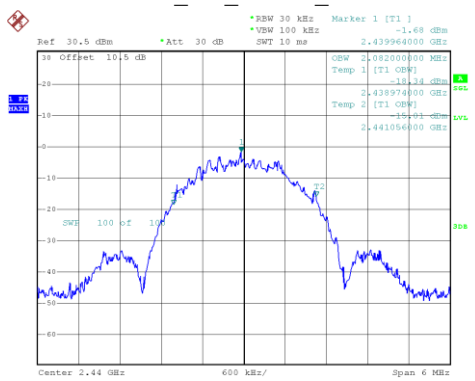
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 20:09:22

BLE_2M_Low_Channel



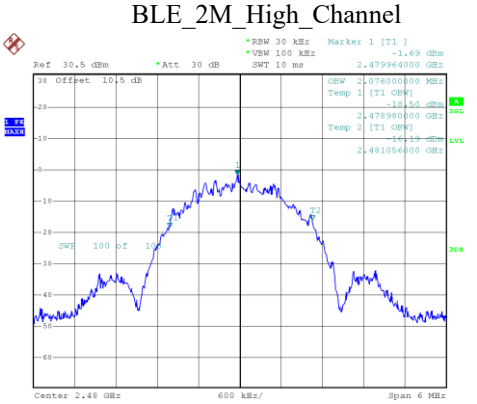
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 20:09:50

BLE_2M_Middle_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 20:10:26

BLE_2M_High_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 20:11:00

Maximum Conducted Output Power

Chain 1, BLE 1Mbps

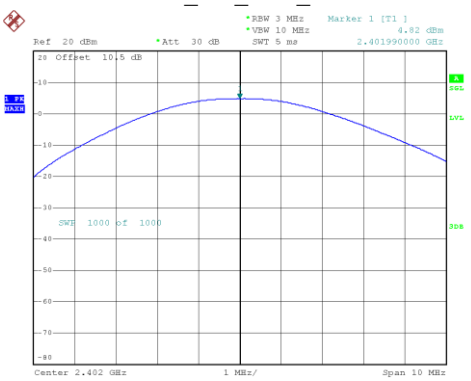
Channel	Peak Output Power (dBm)	Limit (dBm)	Verdict
Low	4.82	30.00	Pass
Middle	4.95	30.00	Pass
High	5.01	30.00	Pass

Chain 1, BLE 2Mbps

Channel	Peak Output Power (dBm)	Limit (dBm)	Verdict
Low	4.85	30.00	Pass
Middle	4.95	30.00	Pass
High	4.98	30.00	Pass

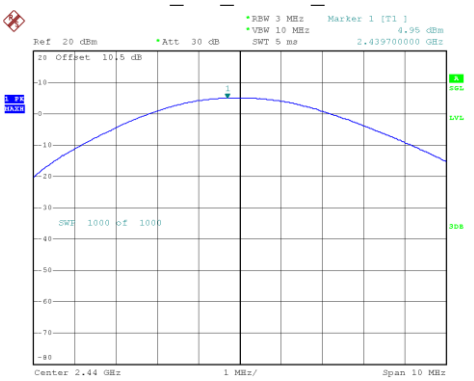
BLE 1Mbps

BLE_1M_Low_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:55:00

BLE_1M_Middle_Channel



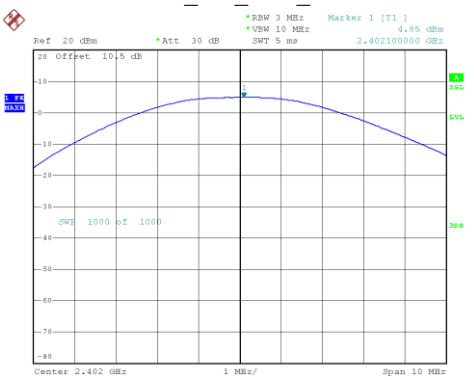
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:55:58

BLE 2Mbps

BLE_1M_High_Channel

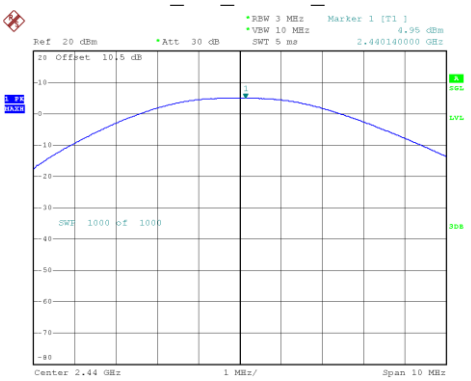
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:56:58

BLE_2M_Low_Channel



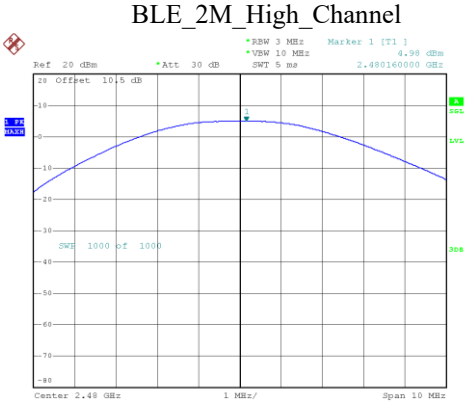
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:58:04

BLE_2M_Middle_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:58:58

BLE_2M_High_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:59:52

Power Spectral Density

Chain 1, BLE 1Mbps

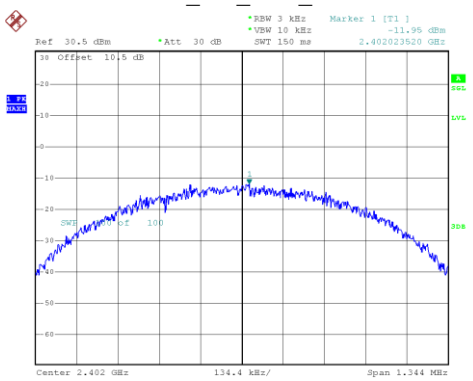
Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-11.95	8	Pass
Middle	-11.89	8	Pass
High	-11.94	8	Pass

Chain 1, BLE 2Mbps

Channel	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-14.24	8	Pass
Middle	-14.00	8	Pass
High	-14.32	8	Pass

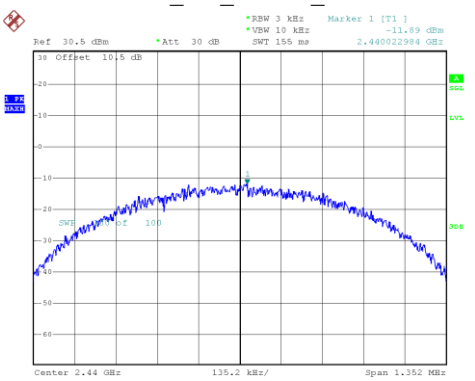
BLE 1Mbps

BLE_1M_Low_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 20:12:47

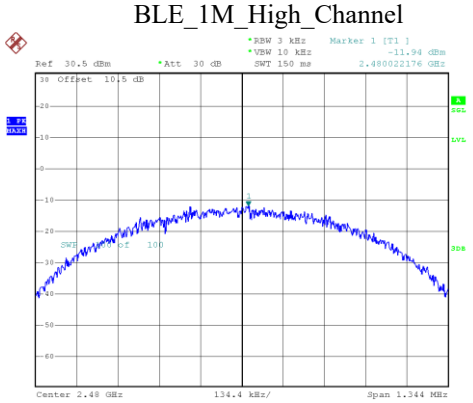
BLE_1M_Middle_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 20:13:27

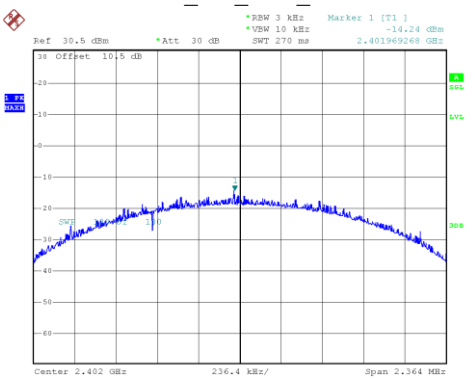
BLE 2Mbps

BLE_1M_High_Channel



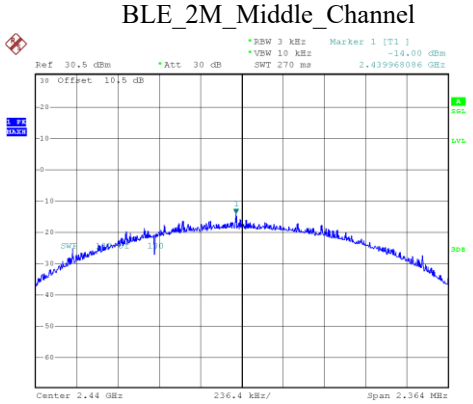
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 20:14:10

BLE_2M_Low_Channel



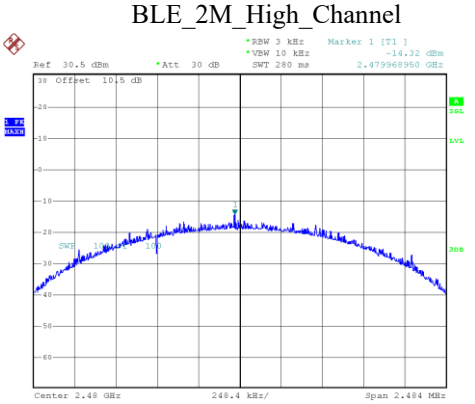
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 20:15:06

BLE_2M_Middle_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 20:15:59

BLE_2M_High_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 20:16:54

Duty Cycle

Chain 1, BLE 1Mbps

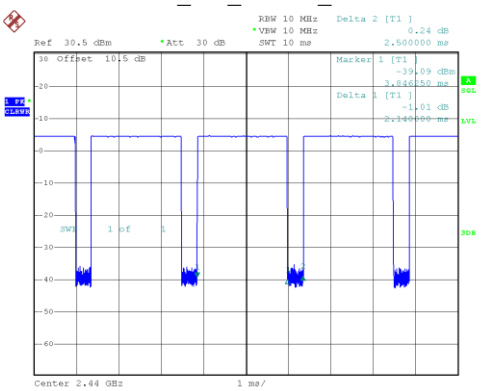
Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
Middle	2.140	2.500	85.60	0.68	467	0.500

Chain 1, BLE 2Mbps

Channel	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
Middle	1.088	1.875	58.03	2.36	919	1

BLE 1Mbps

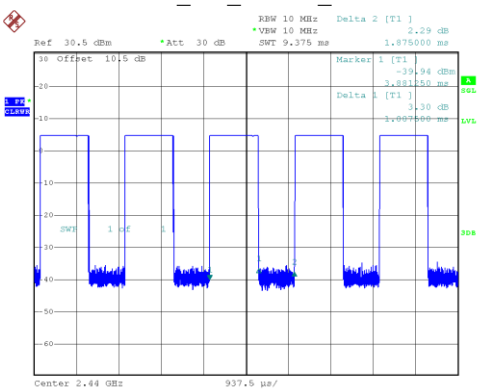
BLE_1M_Middle_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:46:03

BLE 2Mbps

BLE_2M_Middle_Channel

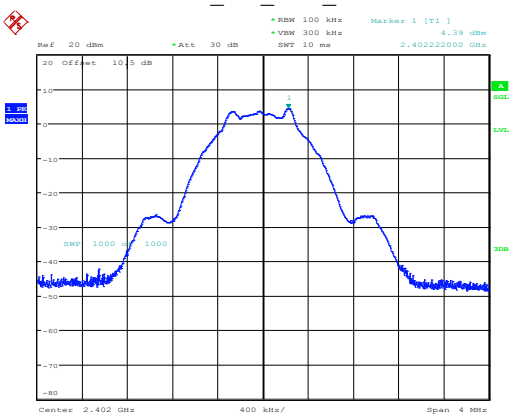


ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 19:47:26

Conducted Spurious Emission

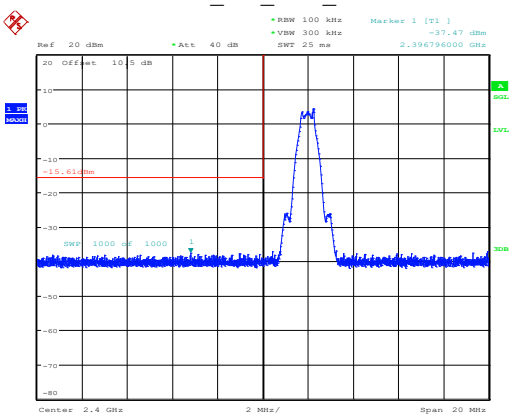
BLE 1Mbps

BLE_1M_Low_Channel



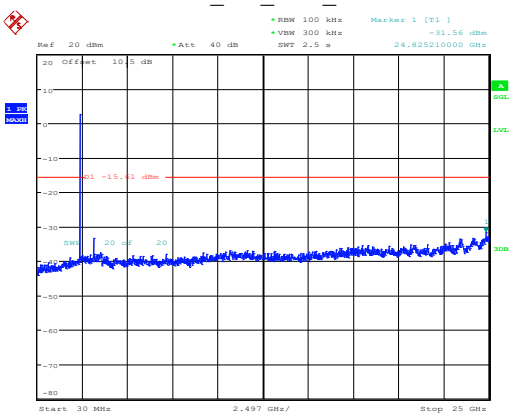
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:06:03

BLE_1M_Low_Channel



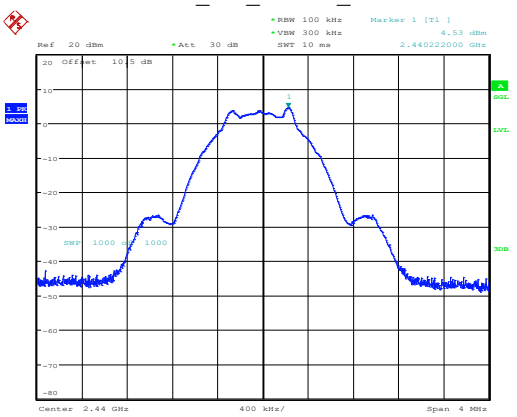
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:08:10

BLE_1M_Low_Channel



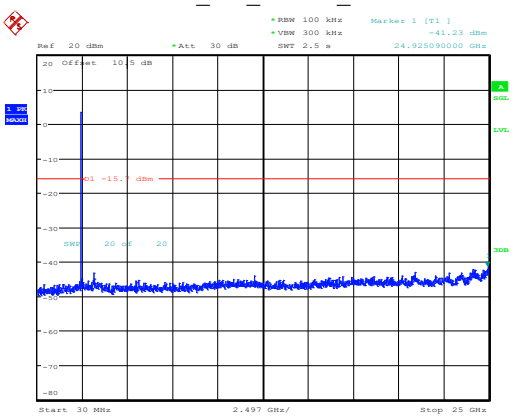
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:09:16

BLE_1M_Middle_Channel



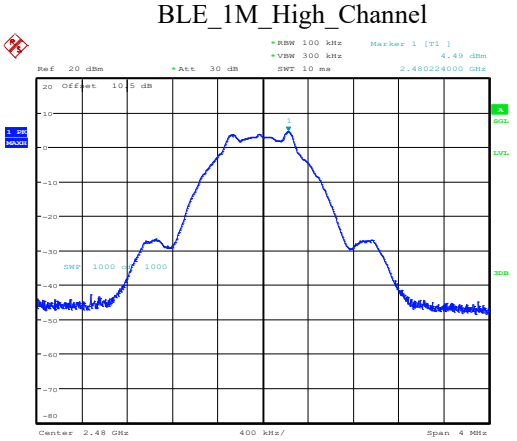
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:19:39

BLE_1M_Middle_Channel



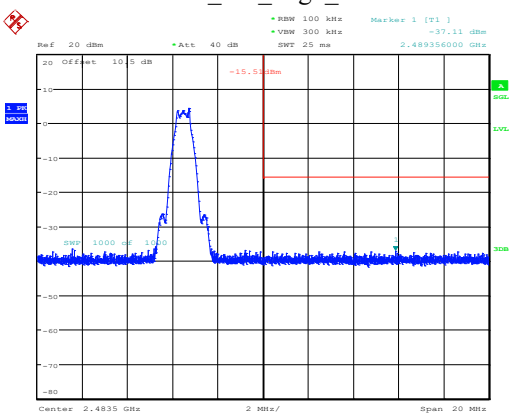
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:20:44

BLE_1M_High_Channel



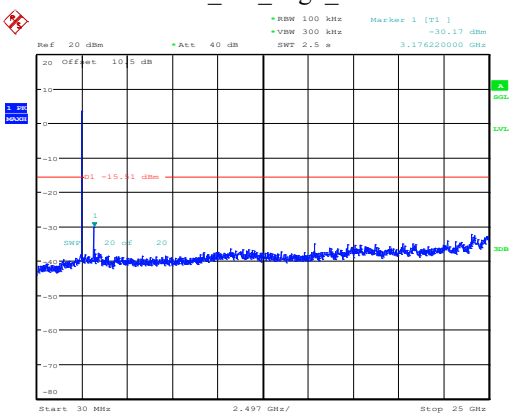
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:22:17

BLE_1M_High_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:24:24

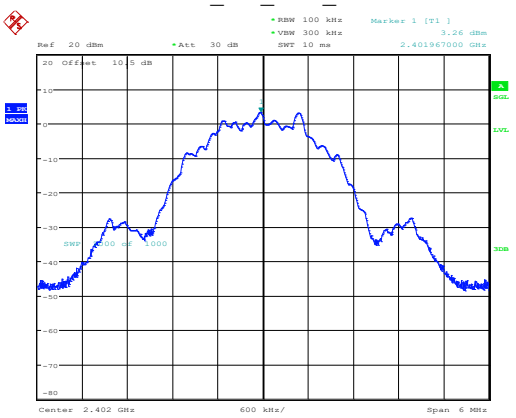
BLE_1M_High_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:25:27

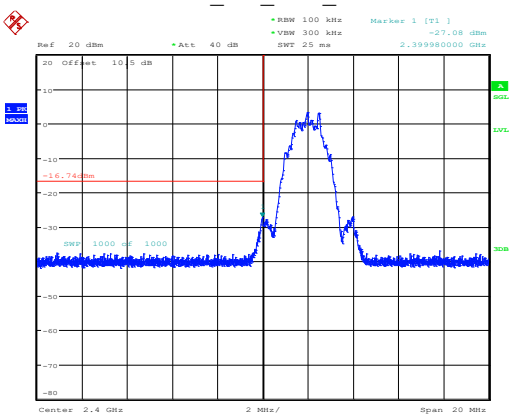
BLE 2Mbps

BLE_2M_Low_Channel



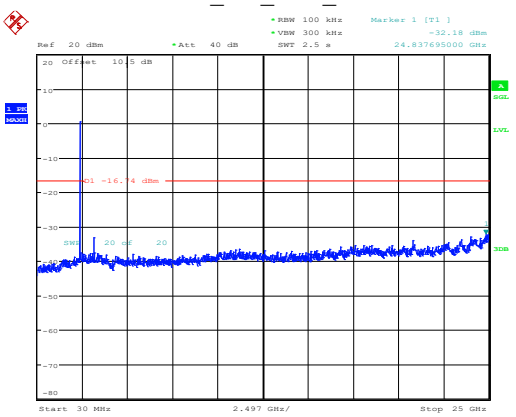
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:26:42

BLE_2M_Low_Channel



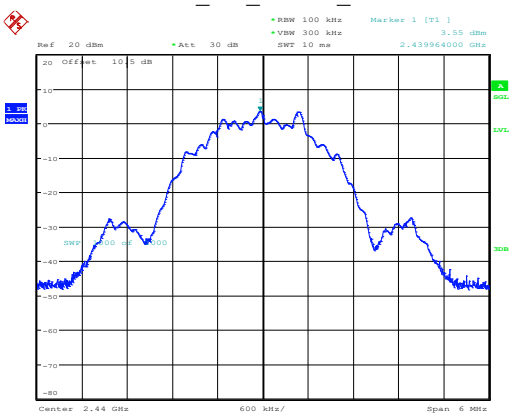
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:28:50

BLE_2M_Low_Channel



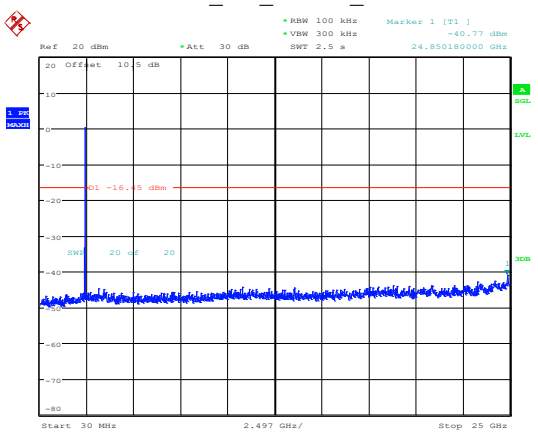
ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:29:54

BLE_2M_Middle_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 13:32:39

BLE_2M_Middle_Channel



ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 13:33:44

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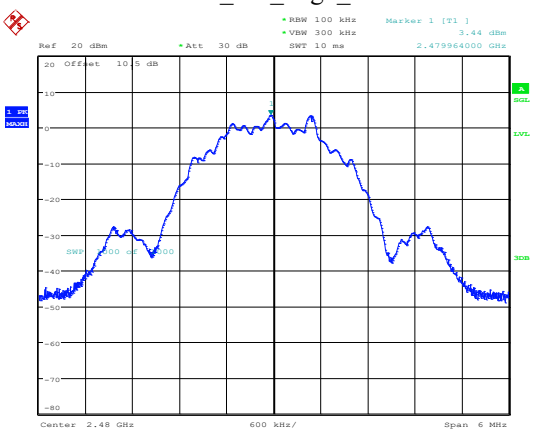

ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:36:59

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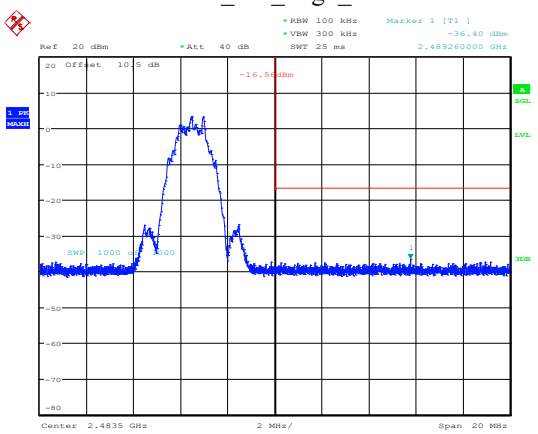

ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:39:06

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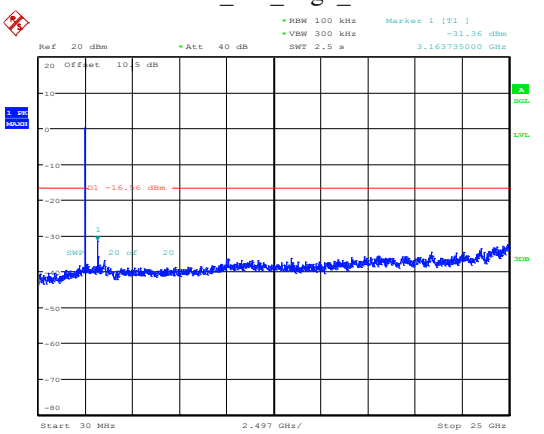

ProjectNo.:2503W26909E-RF Tester:Chloe Zhao
Date: 27.AUG.2025 11:40:10

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