



中认信通

CHINA CERTIFICATION ICT CO., LTD (DONGGUAN)

JAPAN MIC TEST REPORT

Applicant: Shenzhen Tengruifeng IoT Technology Co., Ltd.

Address: A3904, Bldg.A, Xiangmingyuan, No. 21 Jingtian W. Rd. Kangxin Community, Lianhua St., Futian Dist. Shenzhen, China

Product Name: E Ink Tracker

Model Number: P30

Type of Equipment: Certification Ordinance Article 2, Paragraph 1, Item 19

Test method(s): MIC Notice No.88 of 2004, Appendix No.43
(Version: MIC Notice No.409 of 2023)

The above device has been tested and found compliant with the requirement of the relative standards by China Certification ICT Co., Ltd (Dongguan)

Report Number: 2503A20039E-RF-07

Date Of Issue: 2025/12/19

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Test Facility

The Test site used by China Certification ICT Co., Ltd (Dongguan) to collect test data is located on the Room 101 & 201, Building 2, 256 Pingdong Road, Dalang Town, Dongguan City, Guangdong, China.

Declarations

China Certification ICT Co., Ltd (Dongguan) is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol “▲”. Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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Each test item follows the test standard(s) without deviation.

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2503A20039E-RF-07	Original Report	2025/12/19

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	E Ink Tracker
Trade Name:	PHOTOTAG
EUT Model:	P30
Frequency Range:	2402-2480 MHz
Nominal RF Output Power (Conducted):	Bluetooth Function 1 (for positioning uses): BLE 1Mbps: 0.6 mW BLE 2Mbps: 0.6 mW Bluetooth Function 2 (for Imaging uses): BLE 1Mbps: 2.2 mW BLE 2Mbps: 2.2 mW
Number of TX Chain(s):	2
Number of RX Chain(s):	2
Antenna Gain[▲]:	FPC Antenna (for positioning uses): 1.94dBi On-board Antenna (for Imaging uses): -0.49dBi
Modulation Type:	GFSK
Rated Input Voltage:	3.0Vdc from battery
Sample Number:	3E17-1
EUT Received Date:	2025/12/8
EUT Received Status:	Good

Operation Frequency Detail:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	20	2442
1	2404	...	...
...	...	...	...
...	...	...	...
...	...	38	2478
19	2440	39	2480
The test frequencies were performed the test as below:			
Test Channel		Frequency (MHz)	
Lowest		2402	
Middle		2440	
Highest		2480	

Accessory Information

Accessory Description	Manufacturer	Model	Parameters
/	/	/	/

1.2 Objective

The objective of this current document is to demonstrate the EUT, as equipment type in Certification Ordinance Article 2-1-19 of Specific Radio Equipment Specified in Article 38-2-2 Paragraph 1 Item 1of the Radio Law, compliant with Article 49-20 of Radio equipment regulations.

1.3 Test Methodology

All measurements contained in this report were conducted with technical regulations of MIC Notice No.88 of 2004, Appendix No.43 (Version: MIC Notice No.409 of 2023).

1.4 Description of Test Configuration

1.4.1 EUT Operation Condition

EUT Operation Mode:	The system was configured for testing in Engineering Mode, which was provided by the manufacturer.			
Equipment Modifications:	No			
EUT Exercise Software:	LeKit.exe			
The software was provided by manufacturer. The maximum power was configured as below, that was provided by the manufacturer▲:				
Bluetooth Function	Test Modes	Power Level Setting		
		Lowest	Middle	Highest
Bluetooth Function 1 (for positioning uses)	BLE 1Mbps	5	5	5
	BLE 2Mbps	5	5	5
Bluetooth Function 2 (for Imaging uses)	BLE 1Mbps	5	5	5
	BLE 2Mbps	5	5	5

1.4.2 EUT Extreme Condition

Environment Element	Range	Declared Voltage Value (Vdc)
Voltage Fluctuation:	NV	3.00
	LV	2.85
	HV	3.30

Note:

The EUT be operated at 2.85~3.30Vdc which was provided by manufacturer.

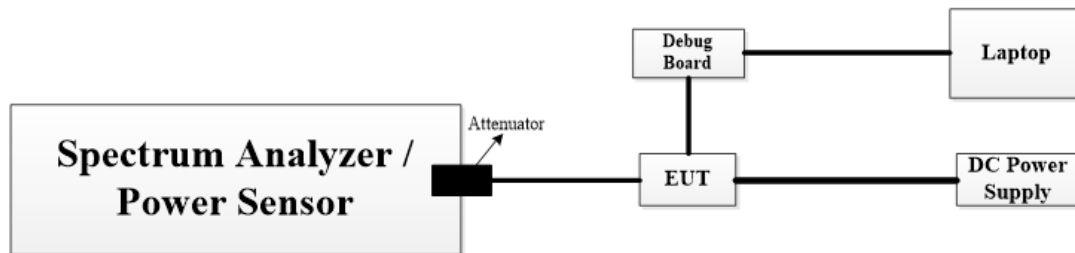
1.4.3 Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Lenovo	Laptop	T460S	60PDTEK8
ZHAOXIN	DC Power Supply	RXN-6010D	21R6010D0912386
Unknown	Debug Board	Unknown	Unknown

1.4.4 Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
Detachable Power Cable	No	No	1.2	DC Power Supply	EUT
Serial Cable	No	No	0.1	EUT	Debug Board
USB Cable	No	No	1.0	Laptop	Debug Board

1.4.5 Block Diagram of Test Setup



1.5 Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty
Frequency Error	$\pm 0,5$ ppm
Occupied bandwidth and spreading bandwidth	± 5 %
RF output power, conducted	± 0.61 dB
Unwanted Emissions (TX&RX), conducted	± 2.47 dB
Temperature	± 1 °C
Humidity	± 5 %
DC and low frequency voltages	± 0.4 %
Duty Cycle	1%

2. SUMMARY OF TEST RESULTS

Certification Ordinance Article 2-1-19 Conducted with: MIC Notice No.88 Appendix No.43 Rules Section	Description of Test	Result
1	Frequency Error	Compliant
2	Occupied Bandwidth	Compliant
3	Transmitter Spurious Emission and Unwanted Emission Intensity	Compliant
4	Antenna Output Power and Output Power Tolerance	Compliant
5	Receiver Spurious Emission and Unwanted Emission Intensity	Compliant
6	Carrier Sense Capability (1)	Not Applicable*
7	Carrier Sense Capability (2)	Not Applicable**
8	Carrier Sense Capability (3)	Not Applicable***
9	Transmission Frequency Switching Function	Not Applicable*
10	Transmission Antenna Gain	Not Applicable****
11	Transmission Radiation Angle Width	Not Applicable****
12	Interference Prevention Function	Compliant
13	Frequency Hopping Dwell Time	Not Applicable*****
14	Construction Protection Confirmation	Compliant

Note:

Not Applicable*: Only required for device with “compensating for the reduction of EIRP with output power” function.

Not Applicable**: Only required for OBW between 26MHz and 40MHz with OFDM modulation type.

Not Applicable***: Only required for outdoor use radio control of model airplanes.

Not Applicable****: This item not applicable when the EIRP less than the limit.

Not Applicable*****: Testing is only required for FHSS system devices.

3. REQUIREMENTS AND TEST PROCEDURES

3.1 Frequency Error

3.1.1 Limit

Within ± 50 ppm.

3.1.2 Test Procedure

Set the EUT to the measurement frequency without modulation.

Setting of SA is following as: Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode:

Positive peak / Trace mode: MAX Hold.

Record the peak spot frequency.

If the EUT can't set at un-modulation mode, measure the 10dBc center frequency.

3.2 Occupied Bandwidth

3.2.1 Limit

- Occupied bandwidth: ≤ 26 MHz

3.2.2 Test Procedure

1. Setting of SA is following as: RB: 30 kHz/VB: 30 kHz / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold
2. EUT have transmitted the maximum modulation signal and fixed channelize. SA set to 99% of occupied bandwidth to measure occupied bandwidth.

3.3 Transmitter Spurious Emission Strength and Unwanted Emission Intensity

3.3.1 Limit

- $30\text{MHz} \leq f < 2387\text{ MHz}: \leq 2.5\mu\text{W/ MHz}$
- $2387\text{ MHz} \leq f \leq 2400\text{ MHz}: \leq 25\mu\text{W/ MHz};$
- $2483.5\text{ MHz} < f \leq 2496.5\text{ MHz}: \leq 25\mu\text{W/ MHz}$
- $2496.5\text{ MHz} < f \leq 12500\text{MHz}: \leq 2.5\mu\text{W/ MHz}$

3.3.2 Test Procedure

❖ Conditions of Application Equipment (EUT)

- The modulation state shall be in continuously transmitting mode.

❖ Spectrum Analyzer Conditions

- Setting of SA start 30MHz and stop frequency 1000MHz, RB:100kHz/VB:100kHz, Sweep time: Auto. Sweep mode: continuous sweep. Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $0.25\mu\text{W}/100\text{kHz}$.
- Setting of SA start 1000MHz and stop frequency 2387MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep. Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $2.5\mu\text{W}/\text{MHz}$.
- Setting of SA start 2387MHz and stop frequency 2400MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep. Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $25\mu\text{W}/\text{MHz}$.
- Setting of SA start 2483.5MHz and stop frequency 2496.5MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep. Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $25\mu\text{W}/\text{MHz}$.
- Setting of SA start 2496.5MHz and stop frequency 12500MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep. Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $2.5\mu\text{W}/\text{MHz}$.

If above test over the limit, the below test procedure should be used:

Step 1:

Center the frequency which was want to investigate, search the peak frequency.

Step 2:

Center frequency: Searched Frequency

Span: 0Hz

RBW: 1MHz(Above 1GHz), VBW: Same as RBW.

Sweep time: Auto(Minimum time to ensure measurement accuracy. *In case of burst wave, one burst shall be included per data point) Data points: 400 points or more. Sweep mode: Single Sweep.

Detection Mode: Sample

3.4 Antenna Output Power and Antenna Power Tolerance

3.4.1 Limit

Antenna output power:

- $\leq 10 \text{ mW}$
- The Output Power Tolerance must be within $+20\% \sim -80\%$.
- $\text{EIRP} \leq 12.14\text{dBm}$ (other from 2400-2483.5 MHz)

3.4.2 Test Procedure

- a) Set the EUT in continuous maximum power transmitting mode.
- b) Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to power meter.
- c) Add a correction factor to the display.
- d) Set the power meter detector to average detector, to test average output power, record the result.
- e) Antenna Power Error is definition that actual measure antenna power tolerance between $+20\%$ to -80% power range that base on manufacturer declare the power density.

3.5 Receiver Spurious Emission and Unwanted Emission Intensity

3.5.1 Limit

- $\leq 4 \text{ nW}$ ($30 \text{ MHz} \leq f \leq 1000 \text{ MHz}$)
- $\leq 20 \text{ nW}$ ($1 \text{ GHz} \leq f \leq 12.5 \text{ GHz}$)

3.5.2 Test Procedure

❖ Conditions of Application Equipment (EUT)

- The modulation state shall be “continuous receiving mode”.

❖ Spectrum Analyzer Conditions

- Start Frequency: Start Frequency of frequency range to measure (30MHz to 1GHz)
- Stop Frequency: Stop Frequency of frequency range to measure (1GHz to 12.5GHz)
- Span: AUTO (Measurement Range)
- RBW: 100 kHz, VBW: 100 kHz for Frequency $< 1 \text{ GHz}$
- RBW: 1MHz, VBW: 1MHz for Frequency $> 1 \text{ GHz}$
- Sweep time: AUTO or more
- Sweep mode: Auto Sweep
- Detection: Positive Peak
- Reference Level: Enough level for maximum dynamic range

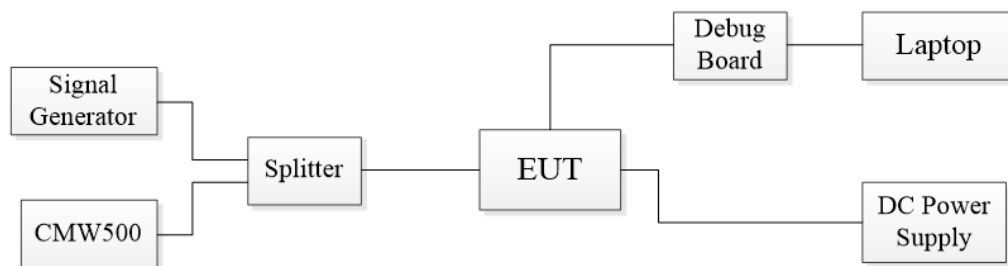
3.6 Interference Prevention Function

3.6.1 Requirement

The EUT shall have the interference prevention capability to transmit or to receive the identification automatically, so that sender and receiver shall exclude other equipment.

3.6.2 Test Procedure

Measurement System Diagram:



In the case that the EUT has the function of automatically transmitting the identification code:

1. Transmit the predetermined identification codes from EUT
2. Check the transmitted identification codes with the demodulator.

In the case of receiving the identification codes:

1. Transmit the predetermined identification codes from the counterpart.
2. Check if communication is normal
3. Transmit the signal other than predetermined ID codes from the counterpart.
4. Check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

3.7 Construction Protection Confirmation

3.7.1 Requirements

The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

4. TEST DATA AND RESULTS

4.1 Test Environmental Conditions & Test Equipment List and Details

Test Date:		2025/12/10-2025/12/11			
Tester:		Zoey Song			
Environmental Conditions:					
Temperature: (°C)	24.8-25.3	Relative Humidity: (%)	53-56	ATM Pressure: (kPa)	101.4-101.6

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method ^{Note}
R&S	Spectrum Analyzer	FSU26	200256	2025/03/31	2026/03/30	BACL Cal	C
R&S	Spectrum Analyzer	FSV40	101591	2025/03/31	2026/03/30	BACL Cal	C
UNI-T	Multimeter	UT39A+	C210582554	2025/01/06	2026/01/05	BACL Cal	C
GWINSTEK	DC Power Supply	SPS3610	D33251	N/A	N/A	N/A	N/A
Agilent	USB Average Power Sensor	U2001H	MY50000432	2025/3/31	2026/3/30	BACL Cal	C
Agilent	USB Average Power Sensor	U2001H	MY50000380	2025/03/31	2026/03/30	BACL Cal	C
Agilent	MXG Vector Signal Generator	N5182B	MY51350142	2025/01/09	2026/01/08	BACL Cal	C
R&S	Wideband Radio Communication Tester	CMW500	143458	2025/03/31	2026/03/30	BACL Cal	C
Minl-Circuits	Power Splitter	ZFRSC-183-S+	SF440201614	2025/09/01	2026/08/30	BACL Cal	C

*** 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).

Note:

A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).

B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).

C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c)

4.2 Frequency Error

Test Result: Compliant. Please refers to following table and plots.

Test Mode: Carrier transmitting mode

Test Results for Bluetooth Function 1 (for positioning uses):

Test Condition: NV

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	2402	2402.02190	9.12	± 50	Pass
	2440	2440.02280	9.34		Pass
	2480	2480.02400	9.68		Pass

Test Condition: LV

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	2402	2402.02190	9.12	± 50	Pass
	2440	2440.02280	9.34		Pass
	2480	2480.02400	9.68		Pass

Test Condition: HV

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	2402	2402.02190	9.12	± 50	Pass
	2440	2440.02280	9.34		Pass
	2480	2480.02400	9.68		Pass

Frequency Tolerance = (Measure Frequency - Frequency)/Frequency*10⁶

Test Results for Bluetooth Function 2 (for Imaging uses):

Test Condition: NV

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	2402	2401.98155	-7.68	± 50	Pass
	2440	2439.97915	-8.55		Pass
	2480	2479.97705	-9.25		Pass

Test Condition: LV

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	2402	2401.98125	-7.81	± 50	Pass
	2440	2439.97915	-8.55		Pass
	2480	2479.97705	-9.25		Pass

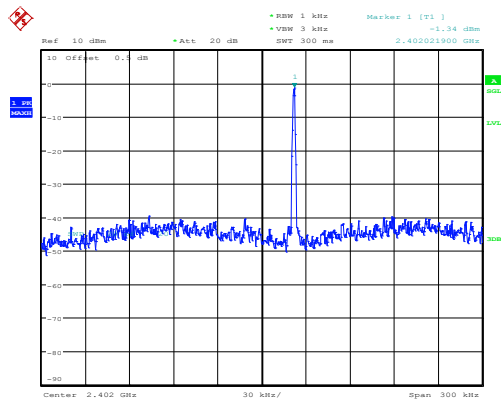
Test Condition: HV

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	2402	2401.98125	-7.81	± 50	Pass
	2440	2439.97915	-8.55		Pass
	2480	2479.97705	-9.25		Pass

Frequency Tolerance = (Measure Frequency - Frequency)/Frequency*10⁶

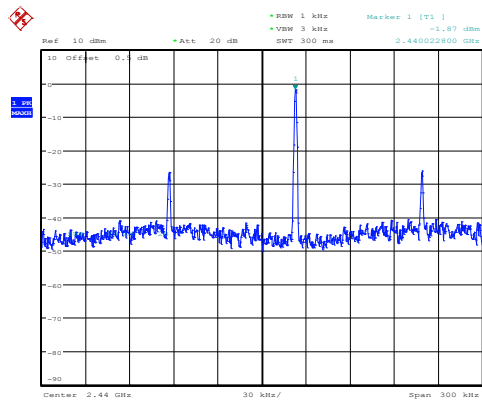
Test plots as following:**Test Plots for Bluetooth Function 1 (for positioning uses):****Test Condition: NV**

2402MHz



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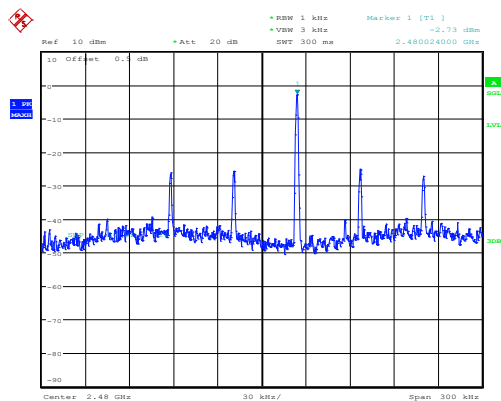
2440MHz



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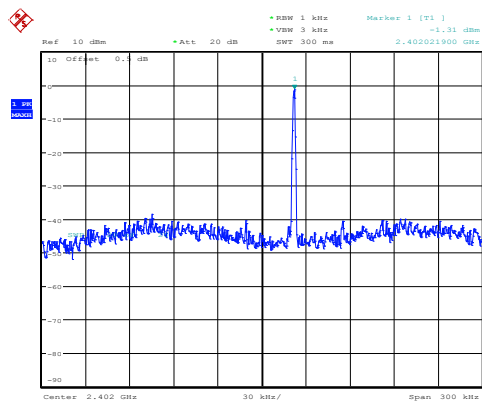
Test Condition: LV

2480MHz



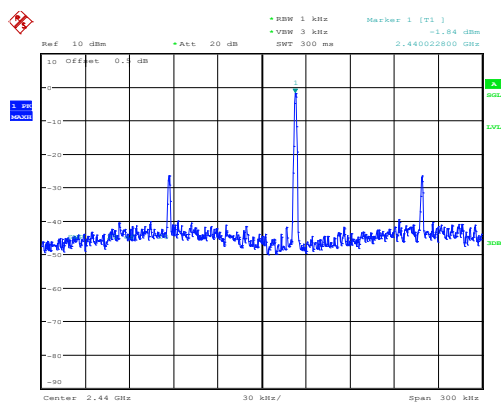
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2402MHz



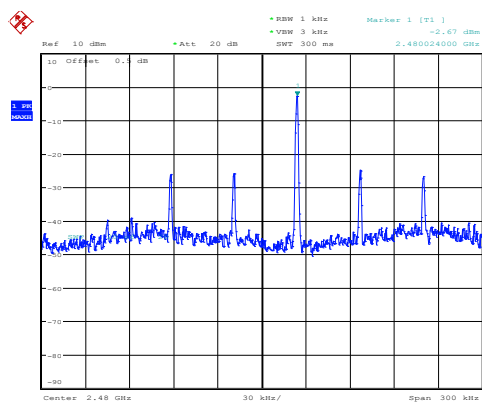
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2440MHz



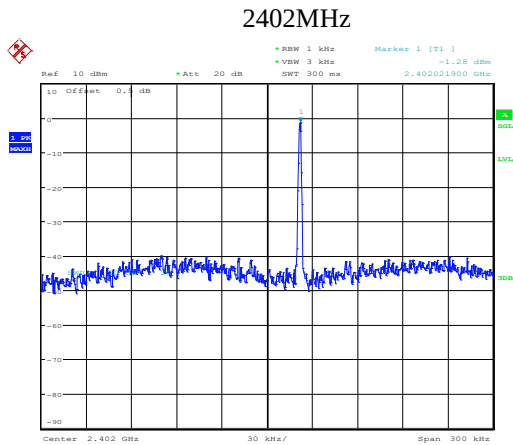
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2480MHz

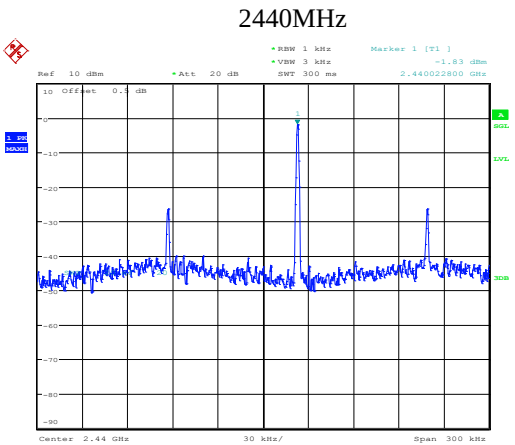


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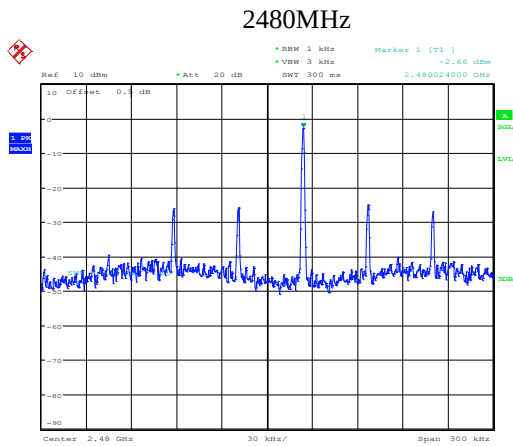
Test Condition: HV



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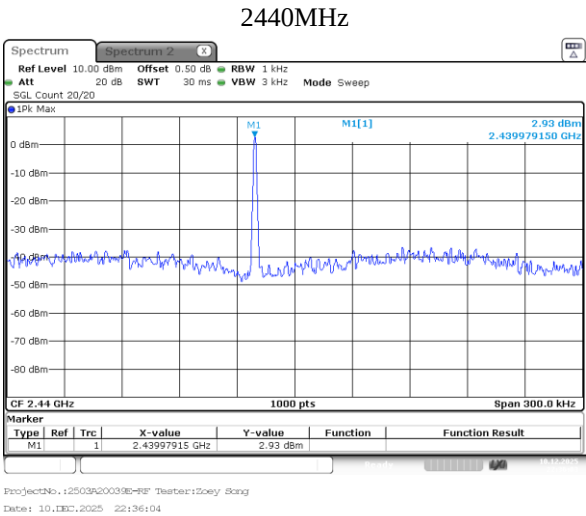
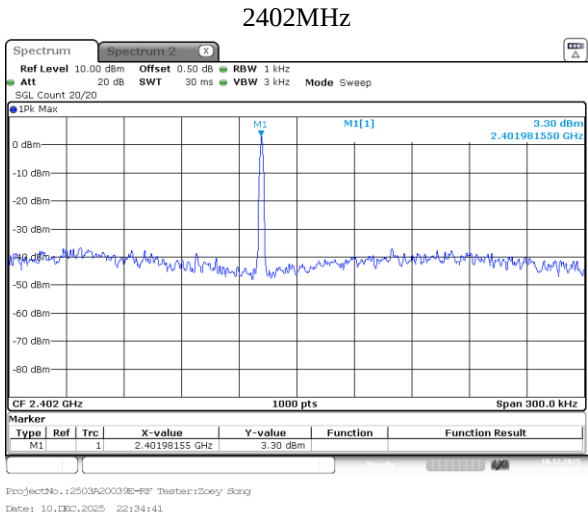


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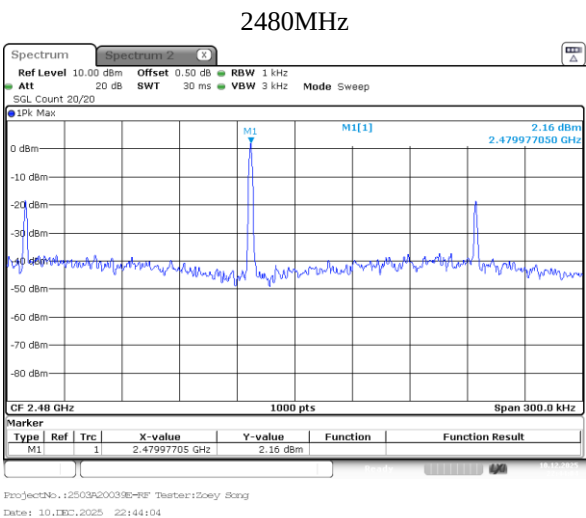
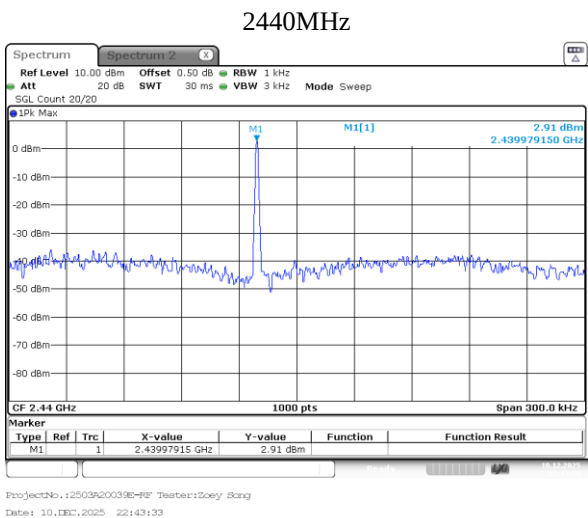
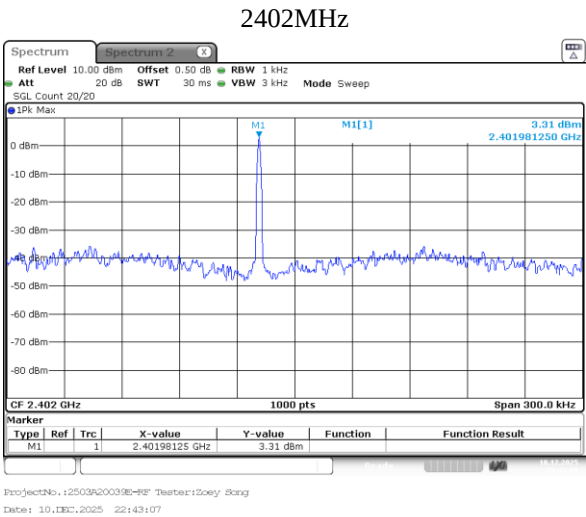
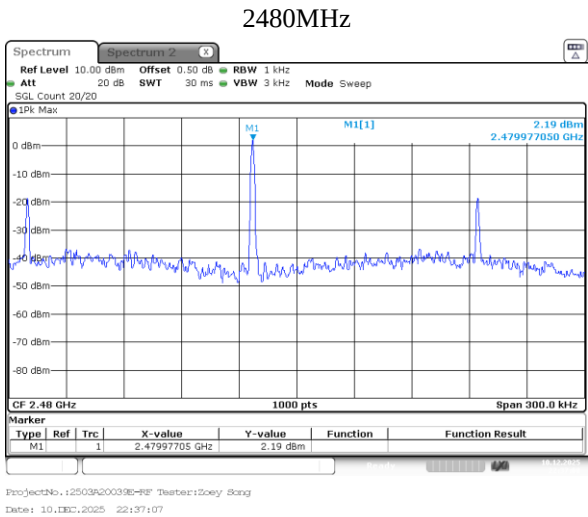


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Date: 10.DEC.2025 19:45:15

Test Plots for Bluetooth Function 2 (for Imaging uses):
Test Condition: NV

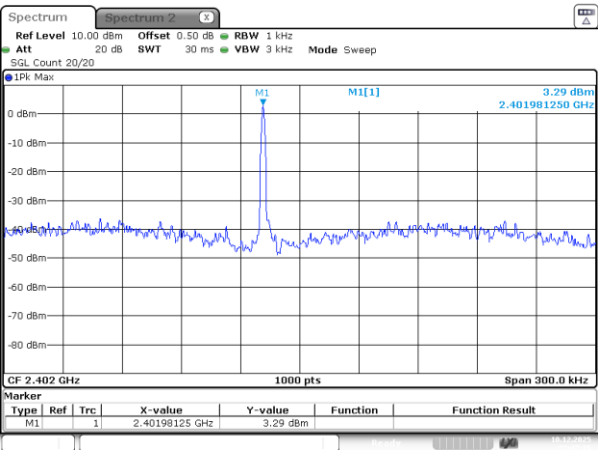


Test Condition: LV



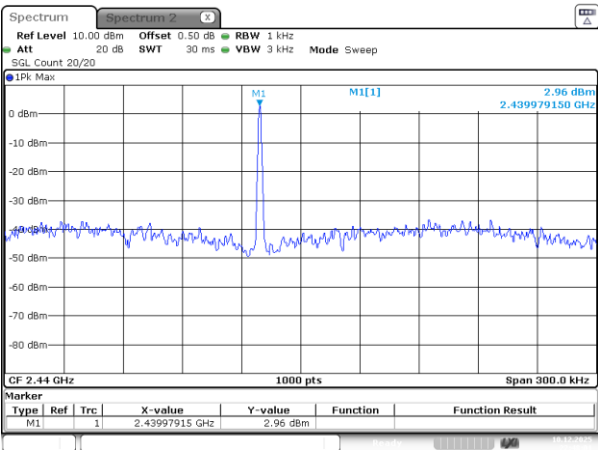
Test Condition: HV

2402MHz



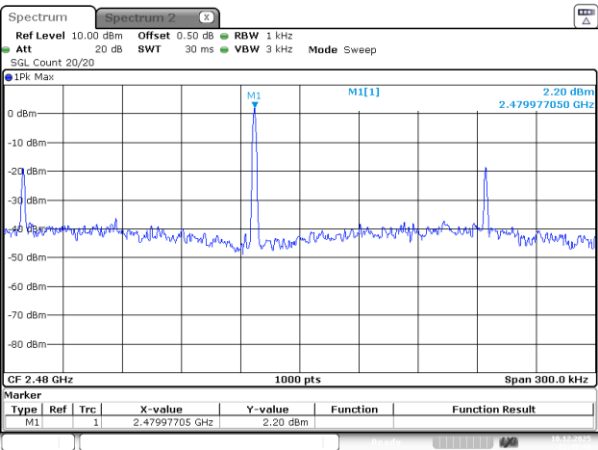
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2440MHz



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2480MHz



ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 22:48:49

4.3 Occupied Bandwidth

Test Result: Compliant. Please refers to following table and plots.

Test Mode: Transmitting

Test Results for Bluetooth Function 1 (for positioning uses):

Test Condition: NV

Mode	Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
BLE 1Mbps	1.048	1.055	1.058	≤ 26	Pass
BLE 2Mbps	2.055	2.055	2.06		Pass

Test Condition: LV

Mode	Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
BLE 1Mbps	1.048	1.048	1.05	≤ 26	Pass
BLE 2Mbps	2.055	2.055	2.06		Pass

Test Condition: HV

Mode	Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
BLE 1Mbps	1.048	1.058	1.055	≤ 26	Pass
BLE 2Mbps	2.045	2.055	2.06		Pass

Test Results for Bluetooth Function 2 (for Imaging uses):

Test Condition: NV

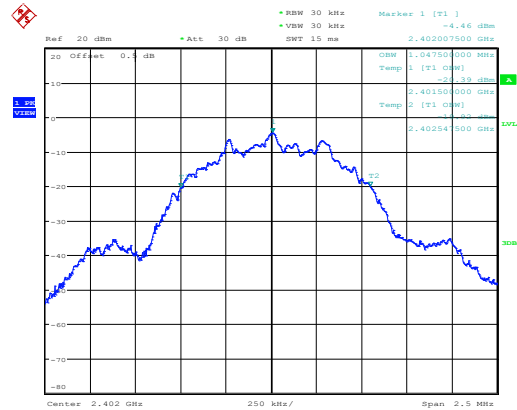
Mode	Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
BLE 1Mbps	1.075	1.07	1.063	≤ 26	Pass
BLE 2Mbps	2.06	2.065	2.06		Pass

Test Condition: LV

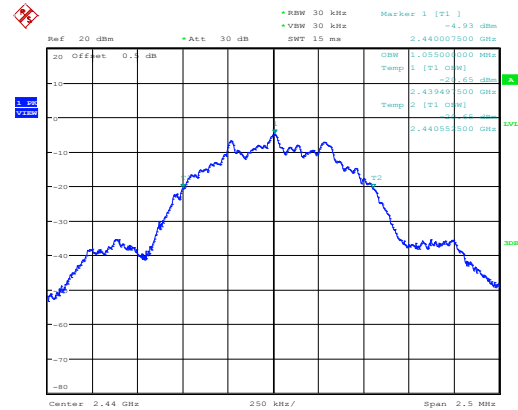
Mode	Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
BLE 1Mbps	1.07	1.075	1.063	≤ 26	Pass
BLE 2Mbps	2.06	2.06	2.055		Pass

Test Condition: HV

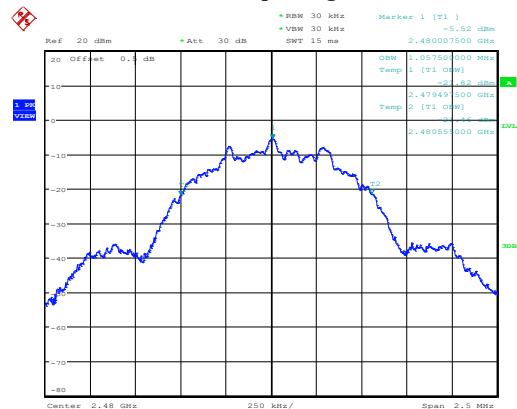
Mode	Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
BLE 1Mbps	1.073	1.07	1.065	≤ 26	Pass
BLE 2Mbps	2.06	2.06	2.06		Pass

Test plots as following:**Test Plots for Bluetooth Function 1 (for positioning uses):****Test Condition: NV****BLE 1Mbps_Low Channel**

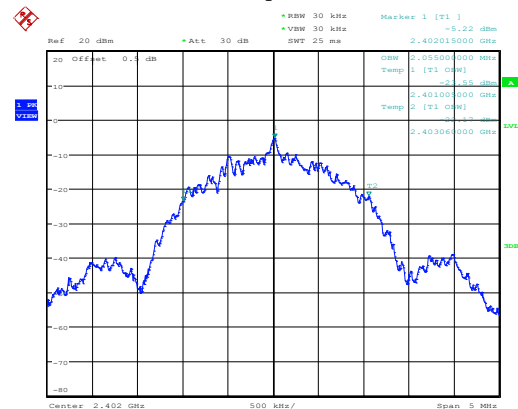
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 19:51:26

BLE 1Mbps_Middle Channel

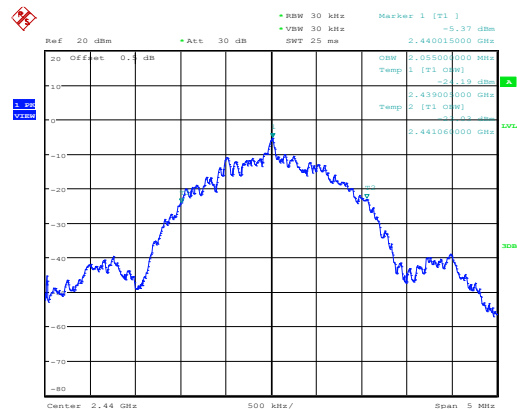
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 19:54:22

BLE 1Mbps_High Channel

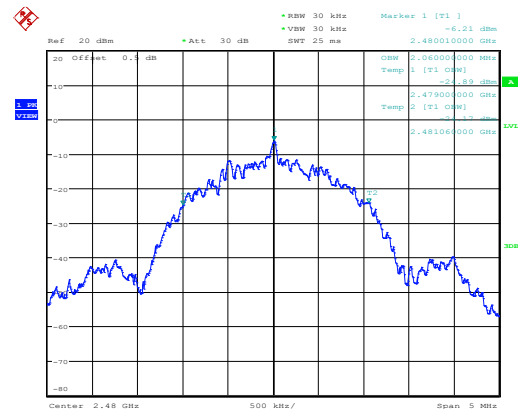
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 19:57:13

BLE 2Mbps_Low Channel

ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:00:15

BLE 2Mbps_Middle Channel

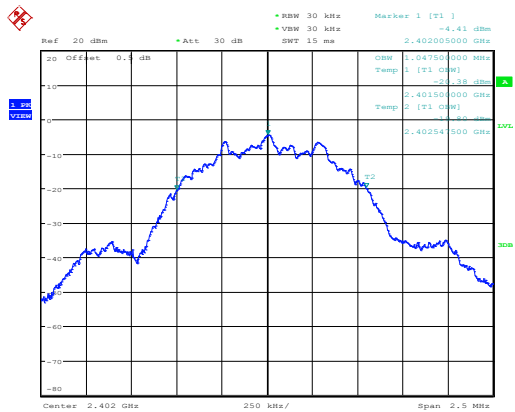
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:02:52

BLE 2Mbps_High Channel

ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:05:39

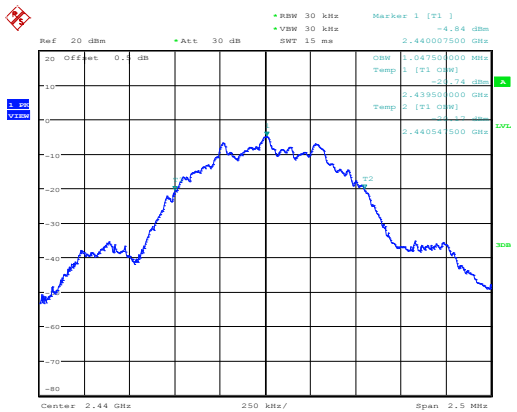
Test Condition: LV

BLE 1Mbps_Low Channel



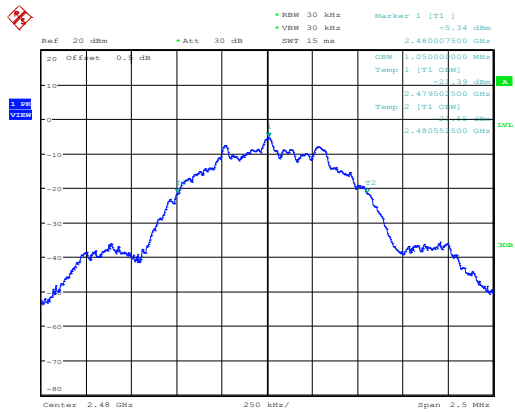
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:10:18

BLE 1Mbps_Middle Channel



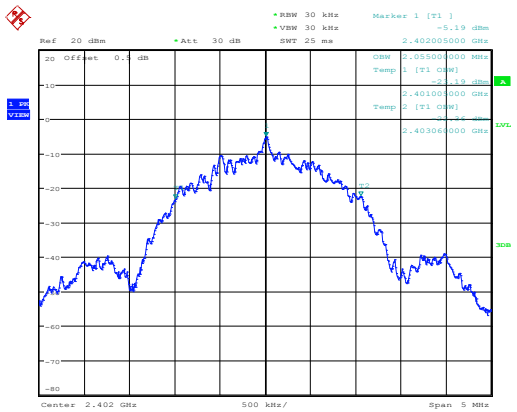
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:15:14

BLE 1Mbps_High Channel



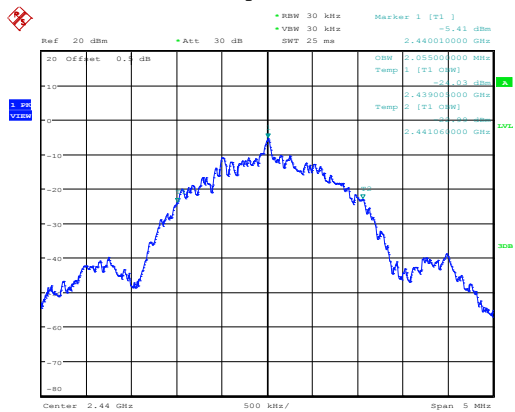
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:19:49

BLE 2Mbps_Low Channel



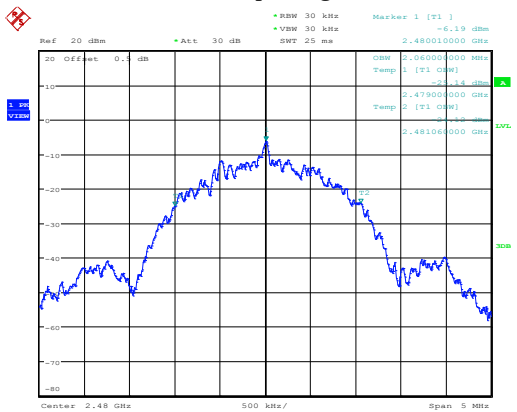
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:24:16

BLE 2Mbps_Middle Channel



ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:28:38

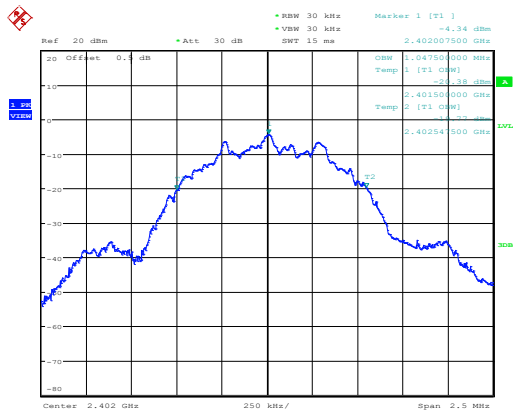
BLE 2Mbps_High Channel



ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:33:13

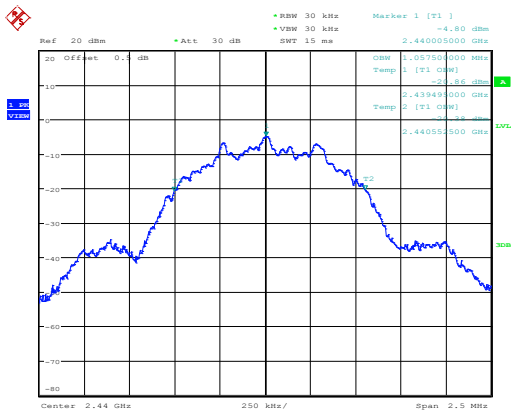
Test Condition: HV

BLE 1Mbps_Low Channel



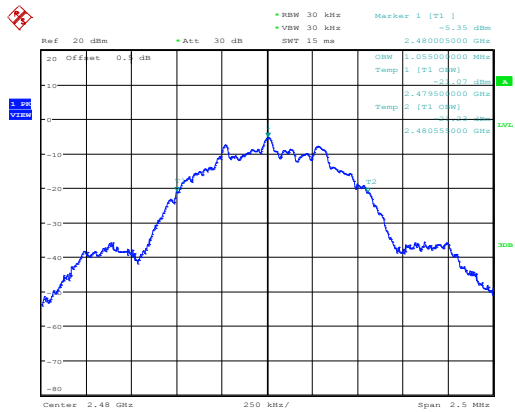
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:38:21

BLE 1Mbps_Middle Channel



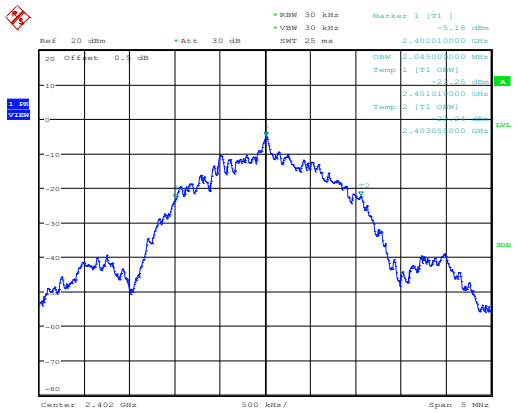
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:39:30

BLE 1Mbps_High Channel



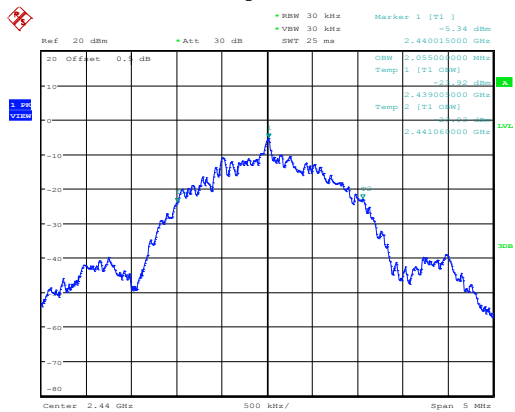
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:40:18

BLE 2Mbps_Low Channel



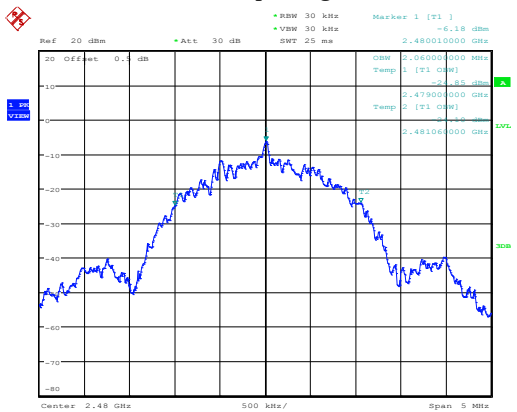
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:40:59

BLE 2Mbps_Middle Channel

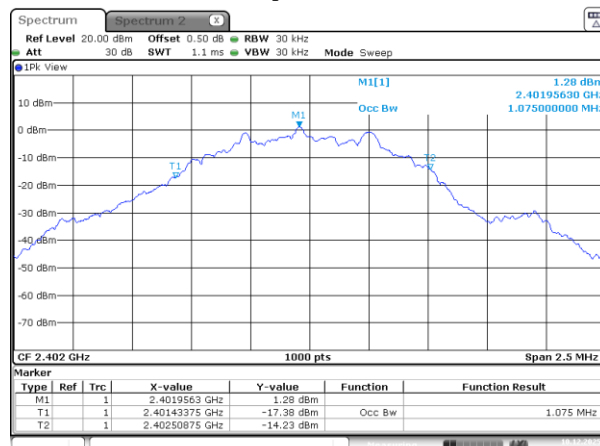


ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:41:46

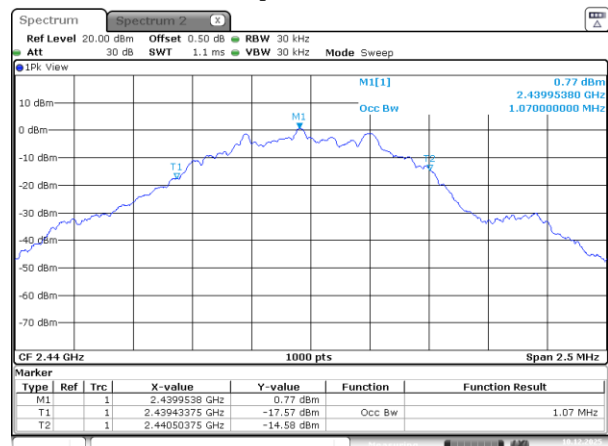
BLE 2Mbps_High Channel



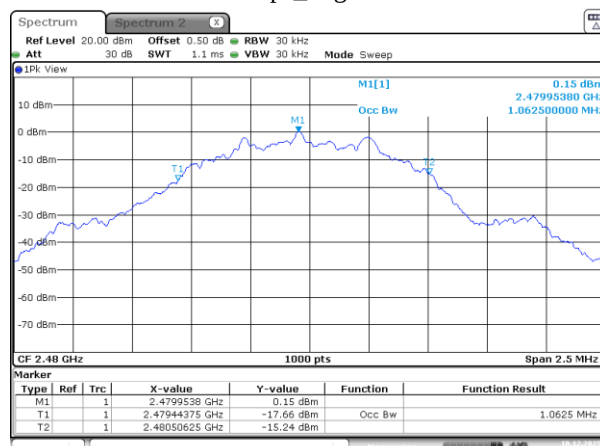
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:42:39

Test Plots for Bluetooth Function 2 (for Imaging uses):**Test Condition: NV****BLE 1Mbps_Low Channel**

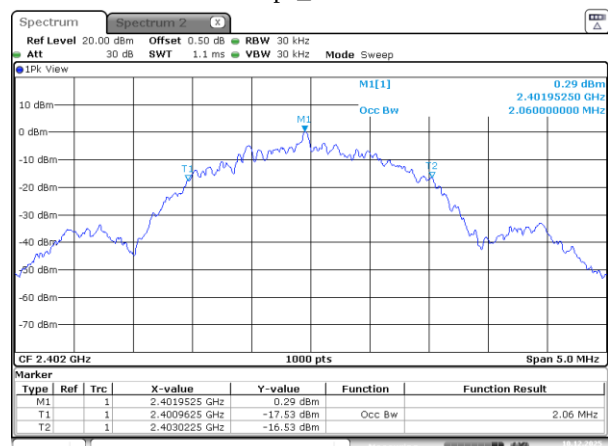
ProjectNo.: 2503A20039E-RF Tester: Soey Sang
Date: 10. DEC. 2025 22:54:22

BLE 1Mbps_Middle Channel

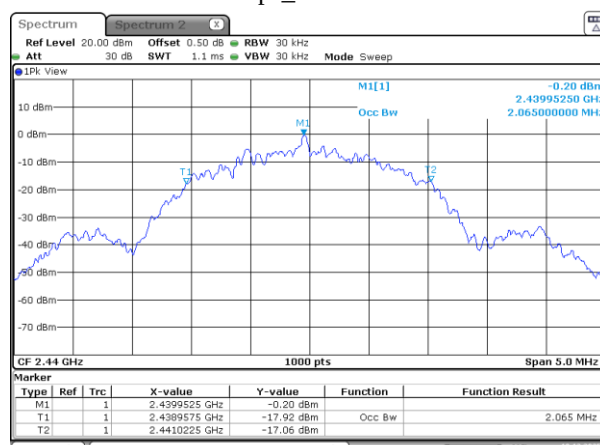
ProjectNo.: 2503A20039E-RF Tester: Soey Sang
Date: 10. DEC. 2025 22:55:10

BLE 1Mbps_High Channel

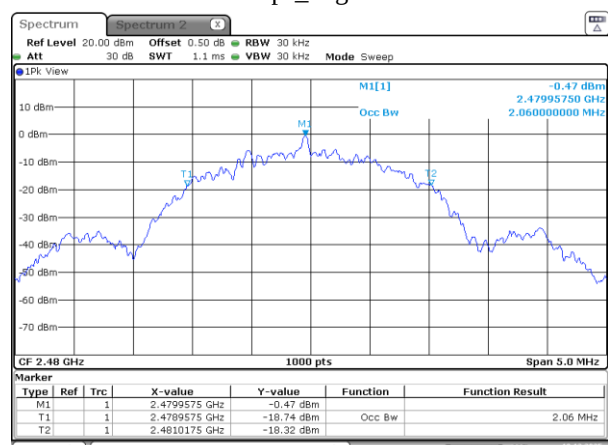
ProjectNo.: 2503A20039E-RF Tester: Soey Sang
Date: 10. DEC. 2025 22:56:12

BLE 2Mbps_Low Channel

ProjectNo.: 2503A20039E-RF Tester: Soey Sang
Date: 10. DEC. 2025 22:56:52

BLE 2Mbps_Middle Channel

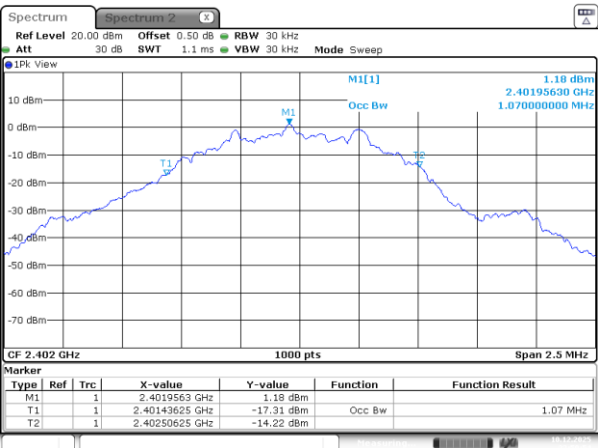
ProjectNo.: 2503A20039E-RF Tester: Soey Sang
Date: 10. DEC. 2025 22:57:43

BLE 2Mbps_High Channel

ProjectNo.: 2503A20039E-RF Tester: Soey Sang
Date: 10. DEC. 2025 22:58:41

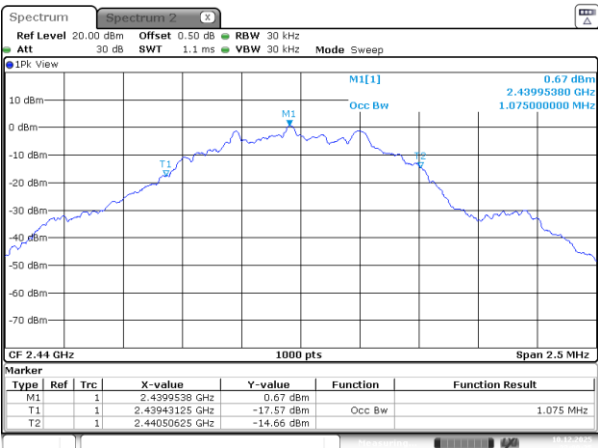
Test Condition: LV

BLE 1Mbps_Low Channel



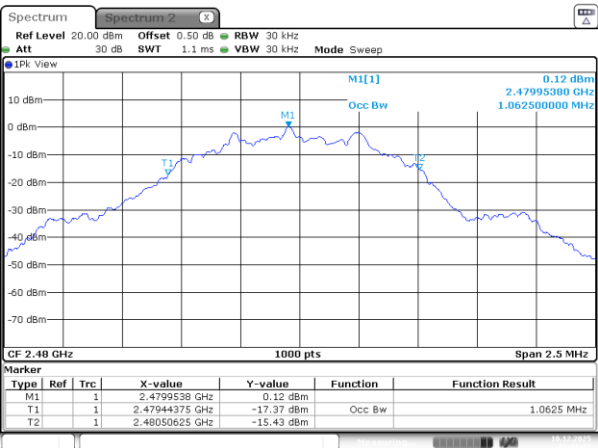
ProjectNo.: 2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 22:59:54

BLE 1Mbps_Middle Channel



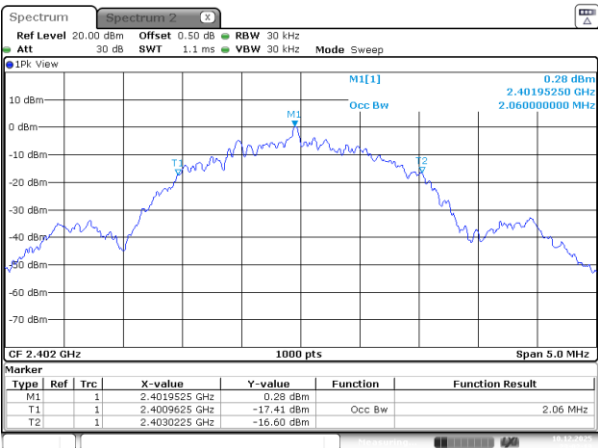
ProjectNo.: 2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 23:00:34

BLE 1Mbps_High Channel



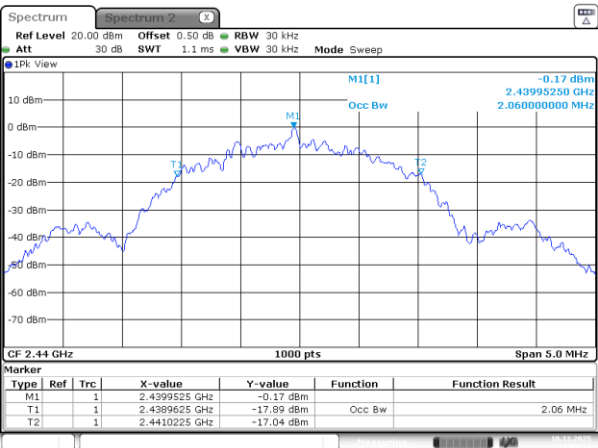
ProjectNo.: 2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 23:01:15

BLE 2Mbps_Low Channel



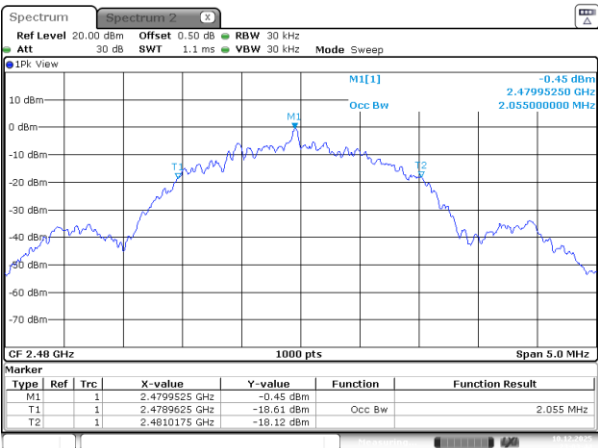
ProjectNo.: 2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 23:02:13

BLE 2Mbps_Middle Channel



ProjectNo.: 2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 23:02:59

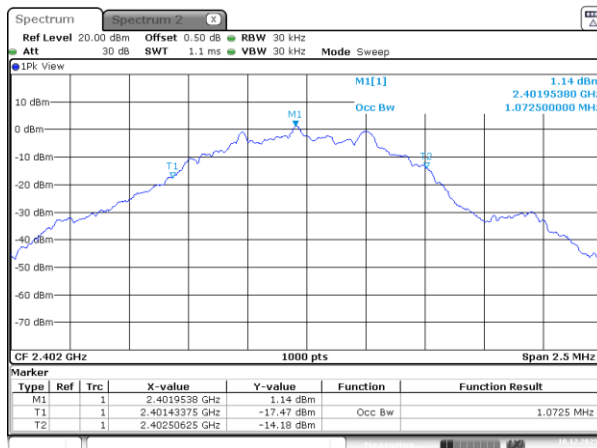
BLE 2Mbps_High Channel



ProjectNo.: 2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 23:03:44

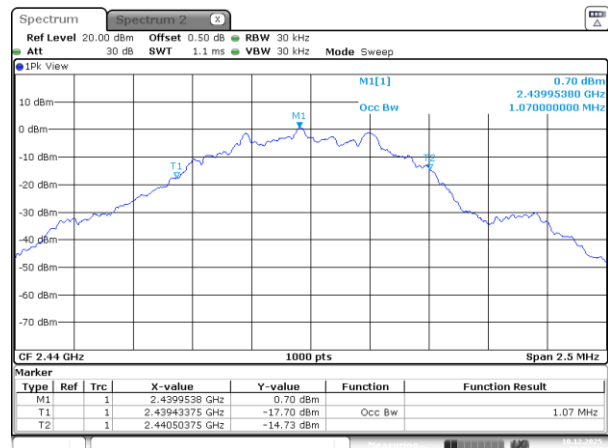
Test Condition: HV

BLE 1Mbps_Low Channel



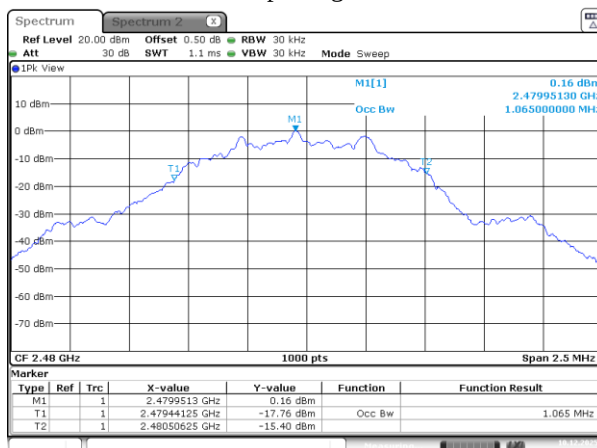
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:04:31

BLE 1Mbps_Middle Channel



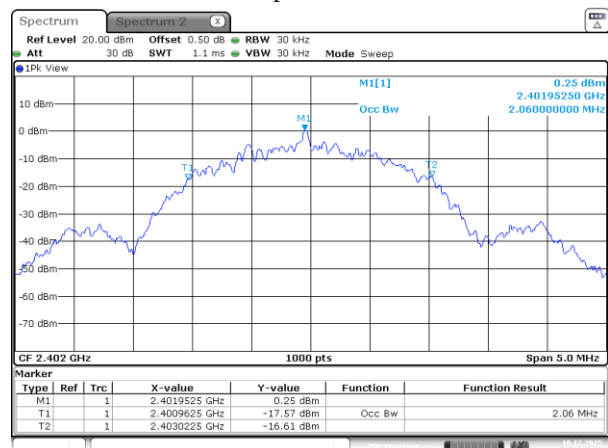
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:05:21

BLE 1Mbps_High Channel



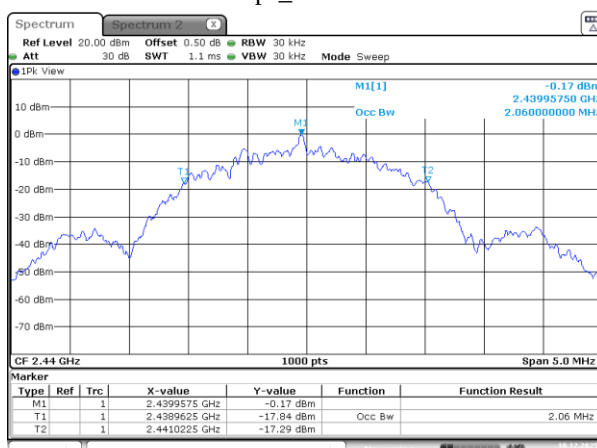
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:06:17

BLE 2Mbps_Low Channel



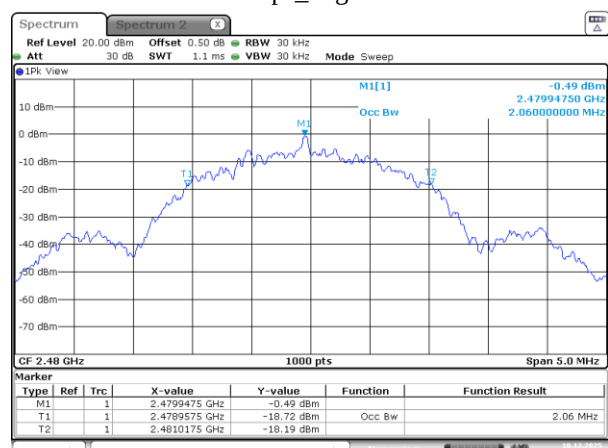
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:07:05

BLE 2Mbps_Middle Channel



ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:08:09

BLE 2Mbps_High Channel



ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:08:49

4.4 Transmitter Spurious Emission Strength and Unwanted Emission Intensity

Test Result: Compliant. Please refers to following tables and plots.

Test Mode: Transmitting

Test Results for Bluetooth Function 1 (for positioning uses):

Test Condition: NV, BLE 1Mbps

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (nW/RBW)	Limit (nW/RBW)	Verdict
		Start(MHz)	Stop(MHz)					
Low	Band I (100kHz)	30	1000	31.940	-50.25	0.009	0.25	Pass
	Band II (1MHz)	1000	2387	2371.050	-44.21	0.038	2.50	Pass
	Band III (1MHz)	2387	2400	2400.000	-23.40	4.571	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2485.054	-47.84	0.016	25	Pass
	Band V (1MHz)	2496.5	12500	7203.147	-39.14	0.122	2.50	Pass
Middle	Band I (100kHz)	30	1000	31.940	-49.86	0.010	0.25	Pass
	Band II (1MHz)	1000	2387	2376.598	-47.32	0.019	2.50	Pass
	Band III (1MHz)	2387	2400	2391.875	-44.37	0.037	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2485.535	-48.17	0.015	25	Pass
	Band V (1MHz)	2496.5	12500	7318.187	-40.83	0.083	2.50	Pass
High	Band I (100kHz)	30	1000	31.940	-50.27	0.009	0.25	Pass
	Band II (1MHz)	1000	2387	2384.920	-49.11	0.012	2.50	Pass
	Band III (1MHz)	2387	2400	2399.636	-46.88	0.021	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.929	-36.32	0.233	25	Pass
	Band V (1MHz)	2496.5	12500	7443.231	-43.25	0.047	2.50	Pass

Test Condition: NV, BLE 2Mbps

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (nW/RBW)	Limit (nW/RBW)	Verdict
		Start(MHz)	Stop(MHz)					
Low	Band I (100kHz)	30	1000	31.940	-50.29	0.009	0.25	Pass
	Band II (1MHz)	1000	2387	2371.050	-44.42	0.036	2.50	Pass
	Band III (1MHz)	2387	2400	2399.994	-18.06	15.631	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2490.969	-47.47	0.018	25	Pass
	Band V (1MHz)	2496.5	12500	2541.516	-37.60	0.174	2.50	Pass
Middle	Band I (100kHz)	30	1000	31.940	-49.97	0.010	0.25	Pass
	Band II (1MHz)	1000	2387	2375.904	-46.79	0.021	2.50	Pass
	Band III (1MHz)	2387	2400	2391.667	-44.55	0.035	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2487.329	-48.00	0.016	25	Pass
	Band V (1MHz)	2496.5	12500	3401.817	-29.93	1.016	2.50	Pass
High	Band I (100kHz)	30	1000	31.940	-49.91	0.010	0.25	Pass
	Band II (1MHz)	1000	2387	2323.892	-49.48	0.011	2.50	Pass
	Band III (1MHz)	2387	2400	2399.363	-47.84	0.016	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.598	-36.89	0.205	25	Pass
	Band V (1MHz)	2496.5	12500	2551.519	-32.86	0.518	2.50	Pass

Test Condition: LV, BLE 1Mbps

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (nW/RBW)	Limit (nW/RBW)	Verdict
		Start(MHz)	Stop(MHz)					
Low	Band I (100kHz)	30	1000	31.940	-49.65	0.011	0.25	Pass
	Band II (1MHz)	1000	2387	2370.356	-44.22	0.038	2.50	Pass
	Band III (1MHz)	2387	2400	2399.994	-23.41	4.560	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2485.827	-47.80	0.017	25	Pass
	Band V (1MHz)	2496.5	12500	2541.516	-38.33	0.147	2.50	Pass
Middle	Band I (100kHz)	30	1000	31.940	-49.14	0.012	0.25	Pass
	Band II (1MHz)	1000	2387	2376.598	-48.35	0.015	2.50	Pass
	Band III (1MHz)	2387	2400	2392.148	-45.30	0.030	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2487.875	-46.54	0.022	25	Pass
	Band V (1MHz)	2496.5	12500	2611.540	-38.17	0.152	2.50	Pass
High	Band I (100kHz)	30	1000	31.940	-49.44	0.011	0.25	Pass
	Band II (1MHz)	1000	2387	2384.226	-48.51	0.014	2.50	Pass
	Band III (1MHz)	2387	2400	2399.877	-47.89	0.016	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.851	-36.75	0.211	25	Pass
	Band V (1MHz)	2496.5	12500	7443.231	-42.52	0.056	2.50	Pass

Test Condition: LV, BLE 2Mbps

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (nW/RBW)	Limit (nW/RBW)	Verdict
		Start(MHz)	Stop(MHz)					
Low	Band I (100kHz)	30	1000	31.940	-48.64	0.014	0.25	Pass
	Band II (1MHz)	1000	2387	2386.307	-42.77	0.053	2.50	Pass
	Band III (1MHz)	2387	2400	2399.987	-18.49	14.158	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2491.261	-47.24	0.019	25	Pass
	Band V (1MHz)	2496.5	12500	2611.540	-37.28	0.187	2.50	Pass
Middle	Band I (100kHz)	30	1000	31.940	-49.50	0.011	0.25	Pass
	Band II (1MHz)	1000	2387	2376.598	-46.52	0.022	2.50	Pass
	Band III (1MHz)	2387	2400	2391.693	-45.20	0.030	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2487.719	-47.19	0.019	25	Pass
	Band V (1MHz)	2496.5	12500	7323.189	-41.38	0.073	2.50	Pass
High	Band I (100kHz)	30	1000	31.940	-49.89	0.010	0.25	Pass
	Band II (1MHz)	1000	2387	2112.374	-49.74	0.011	2.50	Pass
	Band III (1MHz)	2387	2400	2399.519	-47.50	0.018	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.526	-36.83	0.207	25	Pass
	Band V (1MHz)	2496.5	12500	3401.817	-26.20	2.399	2.50	Pass

Test Condition: HV, BLE 1Mbps

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (nW/RBW)	Limit (nW/RBW)	Verdict
		Start(MHz)	Stop(MHz)					
Low	Band I (100kHz)	30	1000	31.940	-49.82	0.010	0.25	Pass
	Band II (1MHz)	1000	2387	2370.356	-43.31	0.047	2.50	Pass
	Band III (1MHz)	2387	2400	2400.000	-23.11	4.887	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2494.043	-47.58	0.017	25	Pass
	Band V (1MHz)	2496.5	12500	7203.147	-38.97	0.127	2.50	Pass
Middle	Band I (100kHz)	30	1000	31.940	-49.32	0.012	0.25	Pass
	Band II (1MHz)	1000	2387	2376.598	-47.74	0.017	2.50	Pass
	Band III (1MHz)	2387	2400	2391.856	-44.59	0.035	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2488.011	-47.23	0.019	25	Pass
	Band V (1MHz)	2496.5	12500	2531.512	-30.89	0.815	2.50	Pass
High	Band I (100kHz)	30	1000	31.940	-49.62	0.011	0.25	Pass
	Band II (1MHz)	1000	2387	2289.217	-48.61	0.014	2.50	Pass
	Band III (1MHz)	2387	2400	2399.350	-46.74	0.021	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.773	-36.56	0.221	25	Pass
	Band V (1MHz)	2496.5	12500	2516.507	-34.13	0.386	2.50	Pass

Test Condition: HV, BLE 2Mbps

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (nW/RBW)	Limit (nW/RBW)	Verdict
		Start(MHz)	Stop(MHz)					
Low	Band I (100kHz)	30	1000	63.950	-50.18	0.010	0.25	Pass
	Band II (1MHz)	1000	2387	2387.000	-44.38	0.036	2.50	Pass
	Band III (1MHz)	2387	2400	2400.000	-18.23	15.031	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2491.495	-47.98	0.016	25	Pass
	Band V (1MHz)	2496.5	12500	2611.540	-28.64	1.368	2.50	Pass
Middle	Band I (100kHz)	30	1000	31.940	-49.10	0.012	0.25	Pass
	Band II (1MHz)	1000	2387	2359.954	-48.40	0.014	2.50	Pass
	Band III (1MHz)	2387	2400	2391.810	-45.15	0.031	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2487.966	-47.41	0.018	25	Pass
	Band V (1MHz)	2496.5	12500	2611.540	-30.21	0.953	2.50	Pass
High	Band I (100kHz)	30	1000	31.940	-49.15	0.012	0.25	Pass
	Band II (1MHz)	1000	2387	2384.920	-48.67	0.014	2.50	Pass
	Band III (1MHz)	2387	2400	2399.597	-47.69	0.017	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.617	-36.32	0.233	25	Pass
	Band V (1MHz)	2496.5	12500	2516.507	-31.49	0.710	2.50	Pass

Test Results for Bluetooth Function 2 (for Imaging uses):**Test Condition: NV, BLE 1Mbps**

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (nW/RBW)	Limit (nW/RBW)	Verdict
		Start(MHz)	Stop(MHz)					
Low	Band I (100kHz)	30	1000	897.910	-54.14	0.004	0.25	Pass
	Band II (1MHz)	1000	2387	2385.960	-39.49	0.112	2.50	Pass
	Band III (1MHz)	2387	2400	2399.997	-21.56	6.982	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2489.314	-43.79	0.042	25	Pass
	Band V (1MHz)	2496.5	12500	7205.600	-34.81	0.330	2.50	Pass
Middle	Band I (100kHz)	30	1000	964.350	-53.92	0.004	0.25	Pass
	Band II (1MHz)	1000	2387	2245.180	-43.38	0.046	2.50	Pass
	Band III (1MHz)	2387	2400	2392.034	-42.30	0.059	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2488.079	-42.50	0.056	25	Pass
	Band V (1MHz)	2496.5	12500	4879.800	-36.13	0.244	2.50	Pass
High	Band I (100kHz)	30	1000	641.340	-53.96	0.004	0.25	Pass
	Band II (1MHz)	1000	2387	2211.200	-44.21	0.038	2.50	Pass
	Band III (1MHz)	2387	2400	2387.894	-43.90	0.041	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.913	-34.30	0.372	25	Pass
	Band V (1MHz)	2496.5	12500	4959.900	-36.31	0.234	2.50	Pass

Test Condition: NV, BLE 2Mbps

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (nW/RBW)	Limit (nW/RBW)	Verdict
		Start(MHz)	Stop(MHz)					
Low	Band I (100kHz)	30	1000	969.200	-54.58	0.003	0.25	Pass
	Band II (1MHz)	1000	2387	2306.210	-42.06	0.062	2.50	Pass
	Band III (1MHz)	2387	2400	2399.990	-18.22	15.066	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2485.869	-43.75	0.042	25	Pass
	Band V (1MHz)	2496.5	12500	7205.600	-35.19	0.303	2.50	Pass
Middle	Band I (100kHz)	30	1000	991.030	-53.56	0.004	0.25	Pass
	Band II (1MHz)	1000	2387	1761.120	-43.59	0.044	2.50	Pass
	Band III (1MHz)	2387	2400	2392.054	-41.90	0.065	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2494.592	-44.00	0.040	25	Pass
	Band V (1MHz)	2496.5	12500	4879.800	-36.55	0.221	2.50	Pass
High	Band I (100kHz)	30	1000	891.600	-54.12	0.004	0.25	Pass
	Band II (1MHz)	1000	2387	2200.800	-43.51	0.045	2.50	Pass
	Band III (1MHz)	2387	2400	2399.535	-43.08	0.049	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.789	-34.01	0.397	25	Pass
	Band V (1MHz)	2496.5	12500	4959.900	-37.06	0.197	2.50	Pass

Test Condition: LV, BLE 1Mbps

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (nW/RBW)	Limit (nW/RBW)	Verdict
		Start(MHz)	Stop(MHz)					
Low	Band I (100kHz)	30	1000	943.980	-53.09	0.005	0.25	Pass
	Band II (1MHz)	1000	2387	2385.960	-41.89	0.065	2.50	Pass
	Band III (1MHz)	2387	2400	2399.971	-22.42	5.728	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2488.222	-43.15	0.048	25	Pass
	Band V (1MHz)	2496.5	12500	7205.600	-35.22	0.301	2.50	Pass
Middle	Band I (100kHz)	30	1000	723.790	-54.00	0.004	0.25	Pass
	Band II (1MHz)	1000	2387	1948.360	-43.78	0.042	2.50	Pass
	Band III (1MHz)	2387	2400	2392.197	-42.43	0.057	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2487.858	-42.67	0.054	25	Pass
	Band V (1MHz)	2496.5	12500	4879.800	-36.34	0.232	2.50	Pass
High	Band I (100kHz)	30	1000	810.120	-54.21	0.004	0.25	Pass
	Band II (1MHz)	1000	2387	2216.750	-43.04	0.050	2.50	Pass
	Band III (1MHz)	2387	2400	2399.522	-43.65	0.043	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2484.368	-34.59	0.348	25	Pass
	Band V (1MHz)	2496.5	12500	4959.900	-36.40	0.229	2.50	Pass

Test Condition: LV, BLE 2Mbps

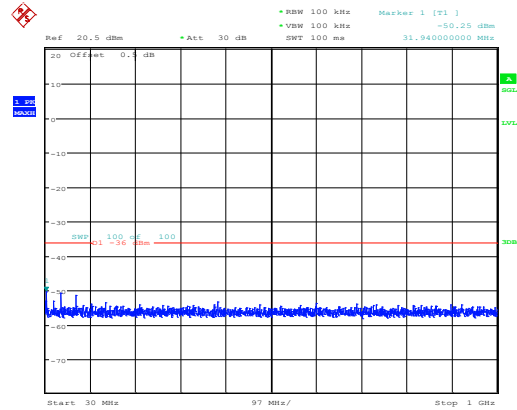
Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (nW/RBW)	Limit (nW/RBW)	Verdict
		Start(MHz)	Stop(MHz)					
Low	Band I (100kHz)	30	1000	974.540	-54.69	0.003	0.25	Pass
	Band II (1MHz)	1000	2387	2306.210	-42.09	0.062	2.50	Pass
	Band III (1MHz)	2387	2400	2399.997	-18.61	13.772	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2491.147	-43.21	0.048	25	Pass
	Band V (1MHz)	2496.5	12500	7205.600	-35.45	0.285	2.50	Pass
Middle	Band I (100kHz)	30	1000	889.660	-54.63	0.003	0.25	Pass
	Band II (1MHz)	1000	2387	2316.610	-43.50	0.045	2.50	Pass
	Band III (1MHz)	2387	2400	2392.080	-42.77	0.053	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2487.806	-43.24	0.047	25	Pass
	Band V (1MHz)	2496.5	12500	7320.700	-37.03	0.198	2.50	Pass
High	Band I (100kHz)	30	1000	782.480	-53.95	0.004	0.25	Pass
	Band II (1MHz)	1000	2387	2377.640	-44.05	0.039	2.50	Pass
	Band III (1MHz)	2387	2400	2390.364	-43.89	0.041	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.874	-34.49	0.356	25	Pass
	Band V (1MHz)	2496.5	12500	4959.900	-38.06	0.156	2.50	Pass

Test Condition: HV, BLE 1Mbps

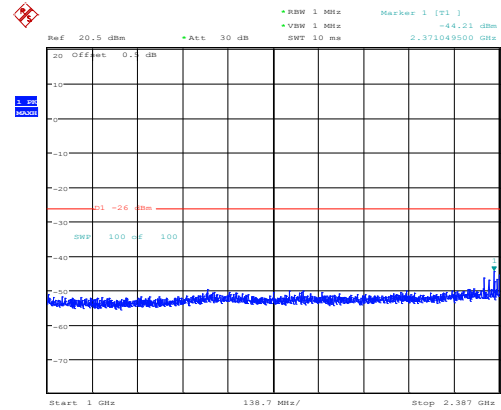
Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (nW/RBW)	Limit (nW/RBW)	Verdict
		Start(MHz)	Stop(MHz)					
Low	Band I (100kHz)	30	1000	898.880	-54.30	0.004	0.25	Pass
	Band II (1MHz)	1000	2387	2386.650	-41.66	0.068	2.50	Pass
	Band III (1MHz)	2387	2400	2399.932	-22.87	5.164	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2493.071	-43.50	0.045	25	Pass
	Band V (1MHz)	2496.5	12500	7205.600	-35.20	0.302	2.50	Pass
Middle	Band I (100kHz)	30	1000	876.080	-54.30	0.004	0.25	Pass
	Band II (1MHz)	1000	2387	2188.310	-43.61	0.044	2.50	Pass
	Band III (1MHz)	2387	2400	2392.509	-42.96	0.051	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2488.021	-40.95	0.080	25	Pass
	Band V (1MHz)	2496.5	12500	7320.700	-36.68	0.215	2.50	Pass
High	Band I (100kHz)	30	1000	949.320	-54.46	0.004	0.25	Pass
	Band II (1MHz)	1000	2387	2003.840	-43.68	0.043	2.50	Pass
	Band III (1MHz)	2387	2400	2391.852	-43.36	0.046	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2484.088	-34.40	0.363	25	Pass
	Band V (1MHz)	2496.5	12500	4959.900	-35.59	0.276	2.50	Pass

Test Condition: HV, BLE 2Mbps

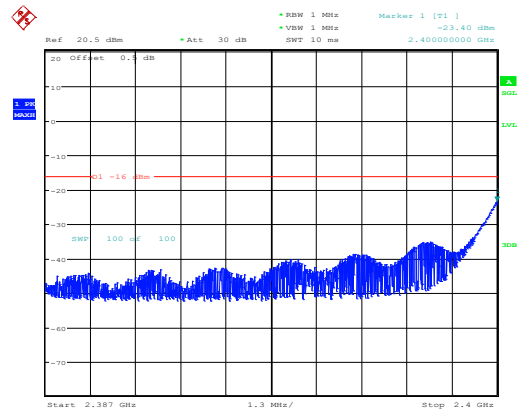
Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (nW/RBW)	Limit (nW/RBW)	Verdict
		Start(MHz)	Stop(MHz)					
Low	Band I (100kHz)	30	1000	972.600	-53.71	0.004	0.25	Pass
	Band II (1MHz)	1000	2387	2385.960	-41.90	0.065	2.50	Pass
	Band III (1MHz)	2387	2400	2399.990	-18.40	14.454	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2496.367	-43.77	0.042	25	Pass
	Band V (1MHz)	2496.5	12500	7205.600	-35.54	0.279	2.50	Pass
Middle	Band I (100kHz)	30	1000	651.040	-54.18	0.004	0.25	Pass
	Band II (1MHz)	1000	2387	2247.260	-43.85	0.041	2.50	Pass
	Band III (1MHz)	2387	2400	2391.891	-41.37	0.073	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2487.793	-42.40	0.058	25	Pass
	Band V (1MHz)	2496.5	12500	4879.800	-36.41	0.229	2.50	Pass
High	Band I (100kHz)	30	1000	800.910	-53.98	0.004	0.25	Pass
	Band II (1MHz)	1000	2387	2169.590	-43.83	0.041	2.50	Pass
	Band III (1MHz)	2387	2400	2397.358	-44.00	0.040	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.932	-34.34	0.368	25	Pass
	Band V (1MHz)	2496.5	12500	4959.900	-35.47	0.284	2.50	Pass

Test plots as following:**Test Plots for Bluetooth Function 1 (for positioning uses):****Test Condition: NV****BLE 1Mbps_Low Channel(30MHz~1GHz)**

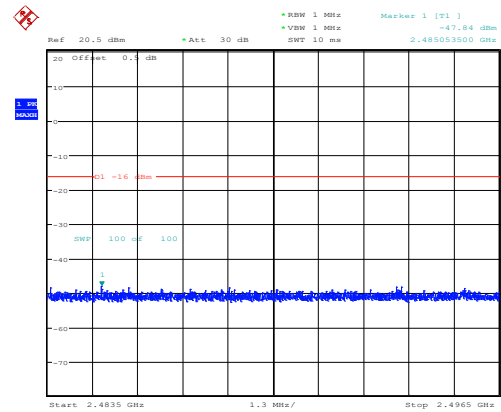
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 19:51:57

BLE 1Mbps_Low Channel(1GHz~2.387GHz)

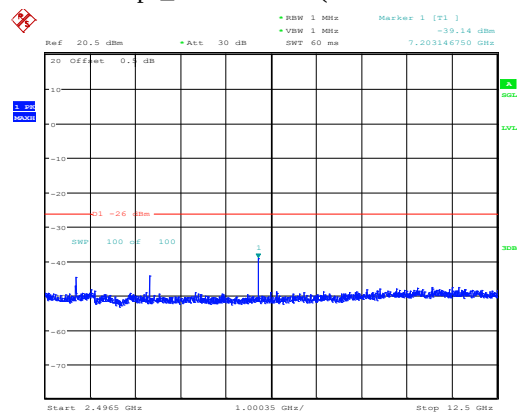
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 19:52:16

BLE 1Mbps_Low Channel(2.387GHz~2.4GHz)

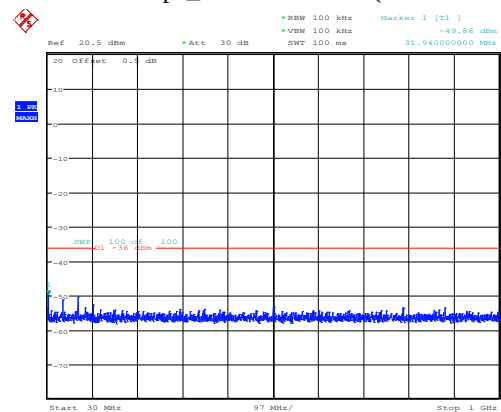
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 19:52:31

BLE 1Mbps_Low Channel(2.4835GHz~2.4965GHz)

ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 19:52:49

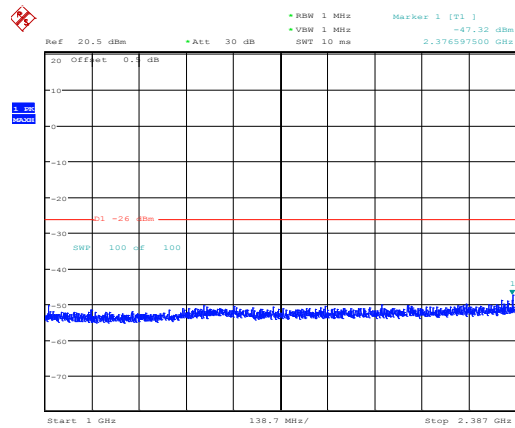
BLE 1Mbps_Low Channel(2.4965GHz~12.5GHz)

ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 19:53:24

BLE 1Mbps_Middle Channel(30MHz~1GHz)

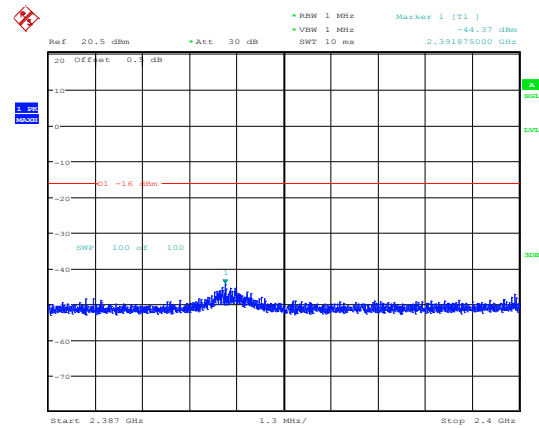
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BLE 1Mbps_Middle Channel(1GHz~2.387GHz)



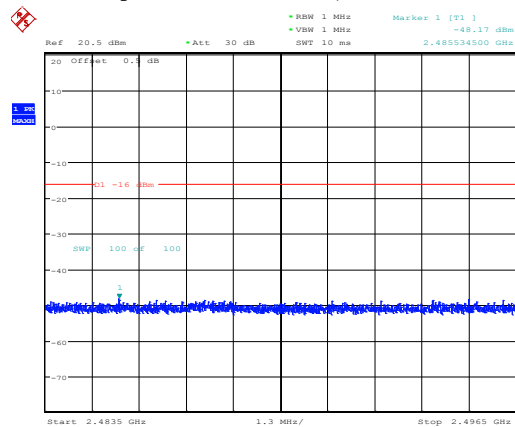
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Date: 10.DEC.2025 19:55:08

BLE 1Mbps_Middle Channel(2.387GHz~2.4GHz)



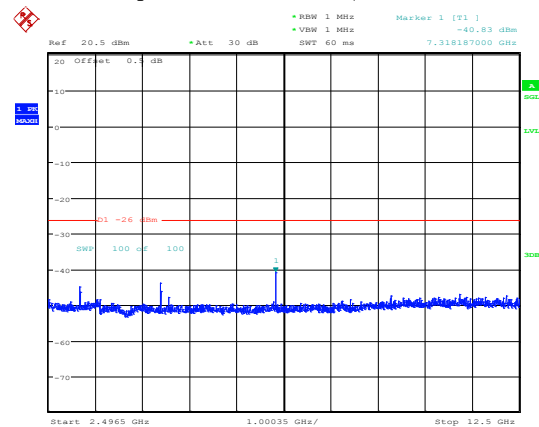
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BLE 1Mbps_Middle Channel(2.4835GHz~2.4965GHz)



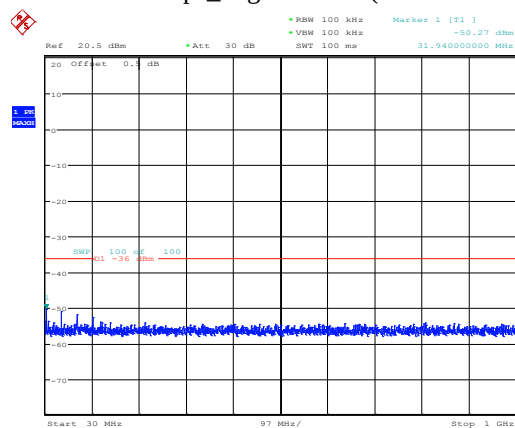
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Date: 10.DEC.2025 19:55:39

BLE 1Mbps_Middle Channel(2.4965GHz~12.5GHz)



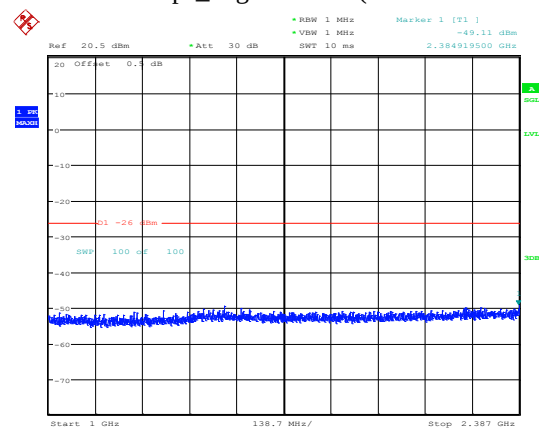
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BLE 1Mbps_High Channel(30MHz~1GHz)



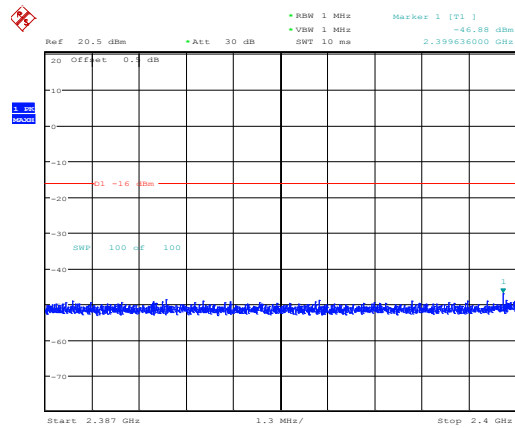
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BLE 1Mbps_High Channel(1GHz~2.387GHz)



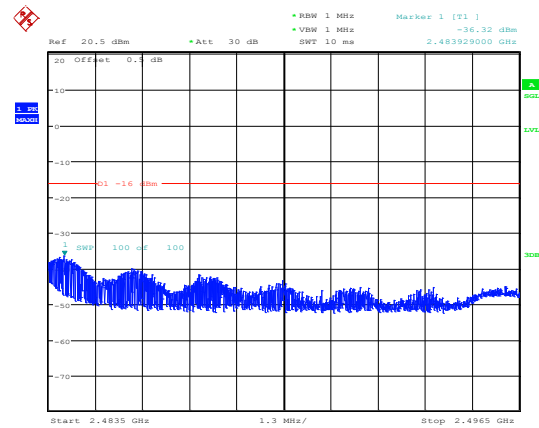
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BLE 1Mbps_High Channel(2.387GHz~2.4GHz)



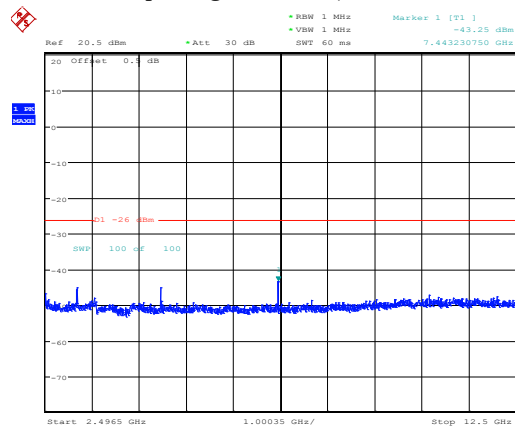
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Date: 10.DEC.2025 19:58:13

BLE 1Mbps_High Channel(2.4835GHz~2.4965GHz)



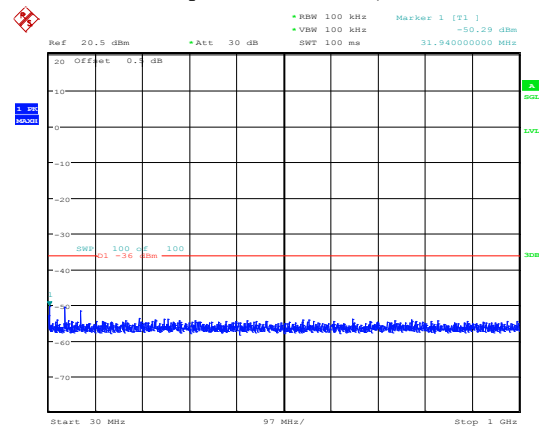
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BLE 1Mbps_High Channel(2.4965GHz~12.5GHz)



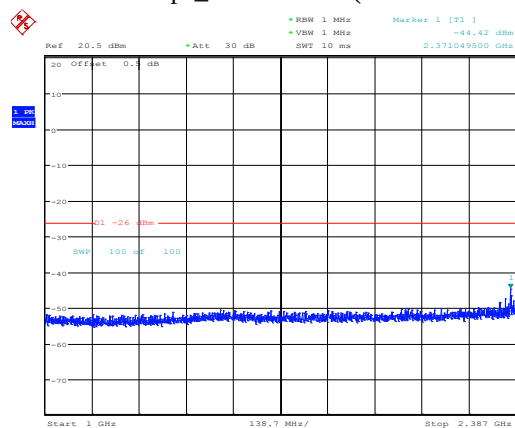
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BLE 2Mbps_Low Channel(30MHz~1GHz)



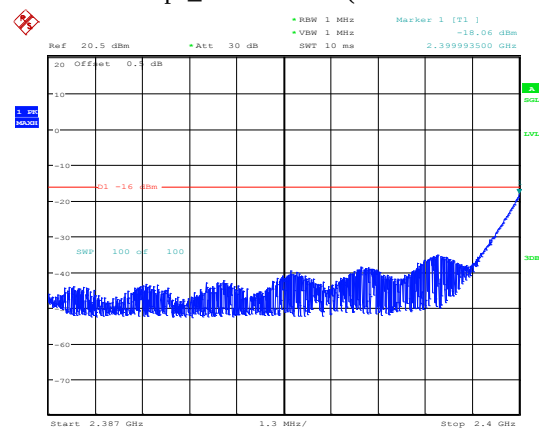
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BLE 2Mbps_Low Channel(1GHz~2.387GHz)



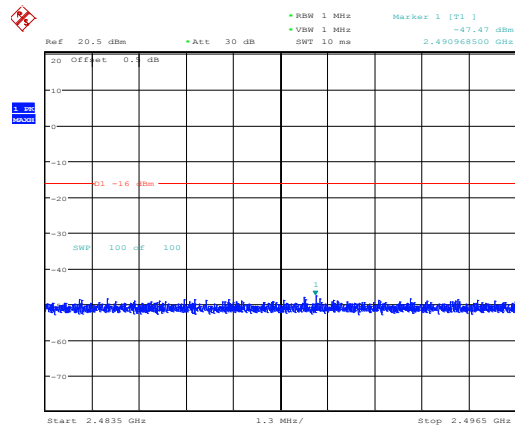
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BLE 2Mbps_Low Channel(2.387GHz~2.4GHz)



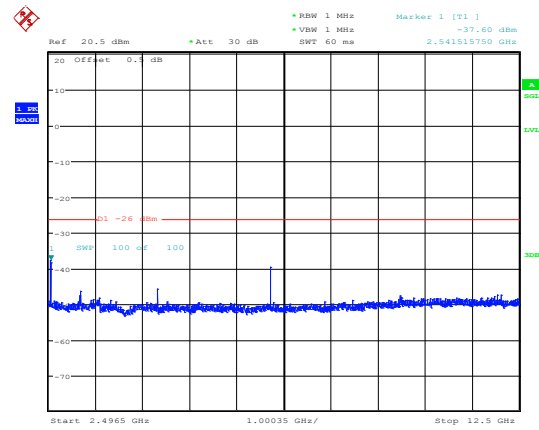
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BLE 2Mbps_Low Channel(2.4835GHz~2.4965GHz)



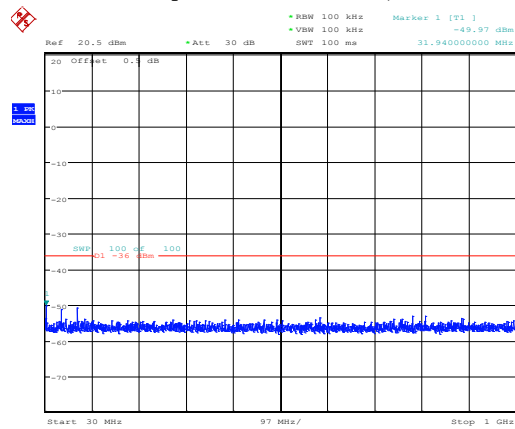
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BLE 2Mbps_Low Channel(2.4965GHz~12.5GHz)



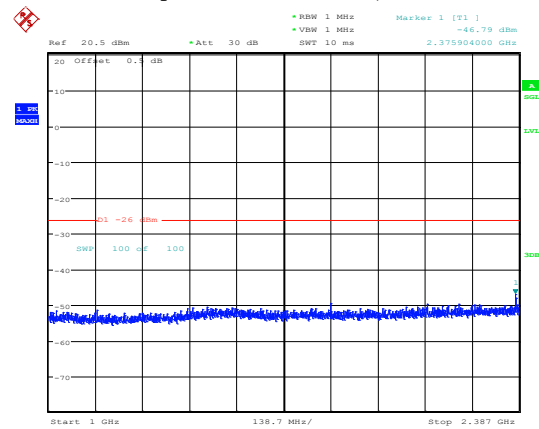
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Date: 10.DEC.2025 20:02:05

BLE 2Mbps_Middle Channel(30MHz~1GHz)



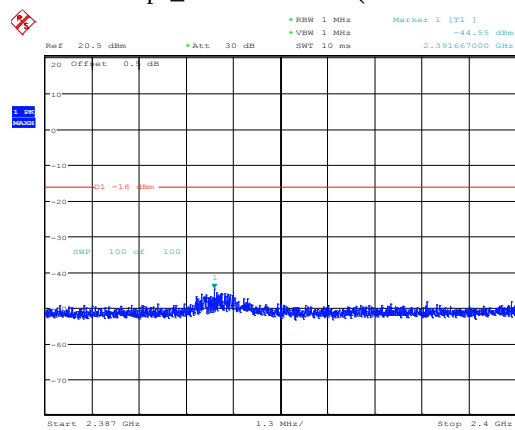
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:03:19

BLE 2Mbps_Middle Channel(1GHz~2.387GHz)



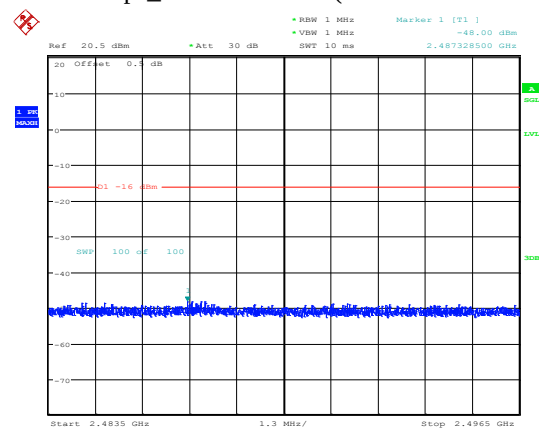
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Date: 10.DEC.2025 20:03:38

BLE 2Mbps_Middle Channel(2.387GHz~2.4GHz)



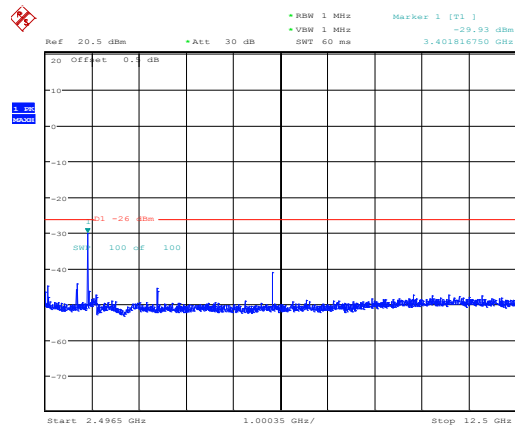
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BLE 2Mbps_Middle Channel(2.4835GHz~2.4965GHz)



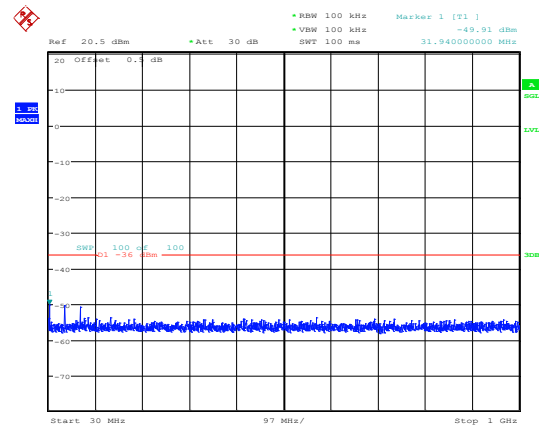
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BLE 2Mbps_Middle Channel(2.4965GHz~12.5GHz)



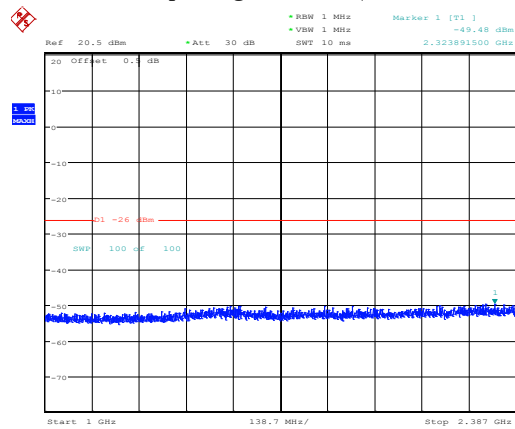
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BLE 2Mbps_High Channel(30MHz~1GHz)



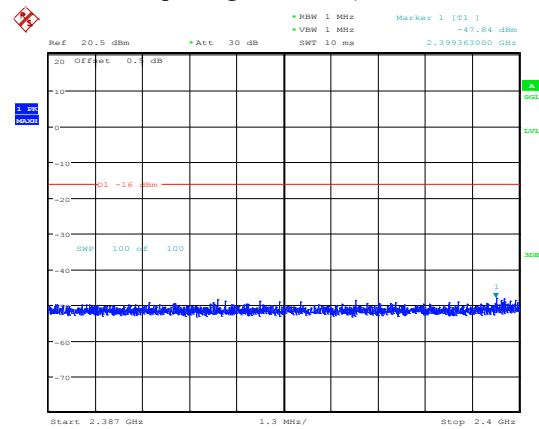
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BLE 2Mbps_High Channel(1GHz~2.387GHz)



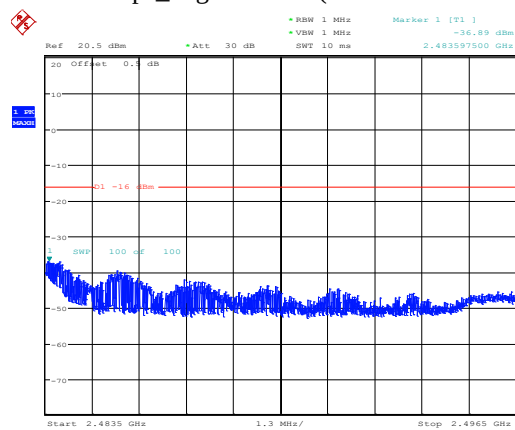
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:06:23

BLE 2Mbps_High Channel(2.387GHz~2.4GHz)



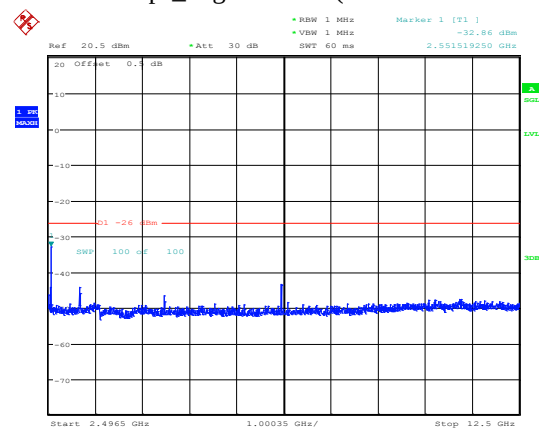
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:06:39

BLE 2Mbps_High Channel(2.4835GHz~2.4965GHz)

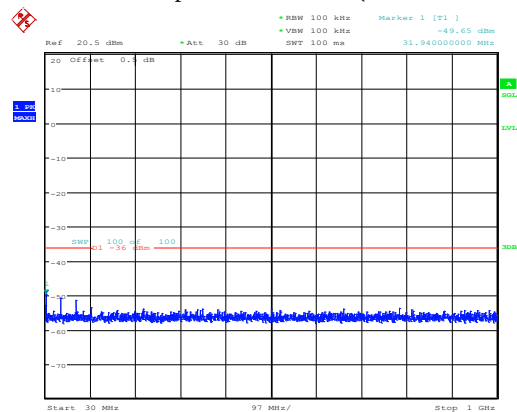


ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:06:56

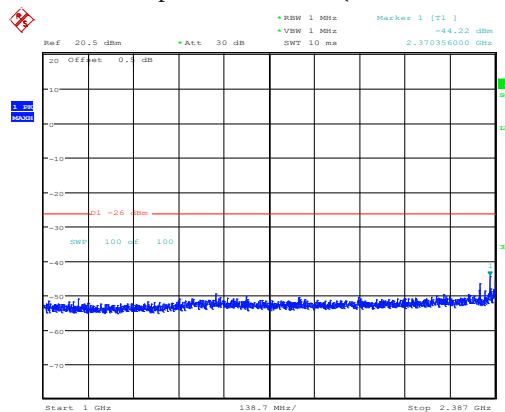
BLE 2Mbps_High Channel(2.4965GHz~12.5GHz)



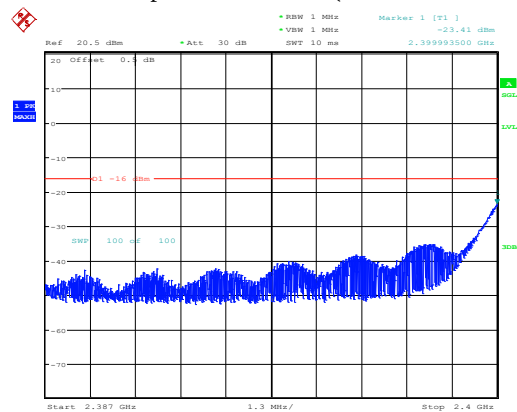
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:07:29

Test Condition: LV**BLE 1Mbps_Low Channel(30MHz~1GHz)**

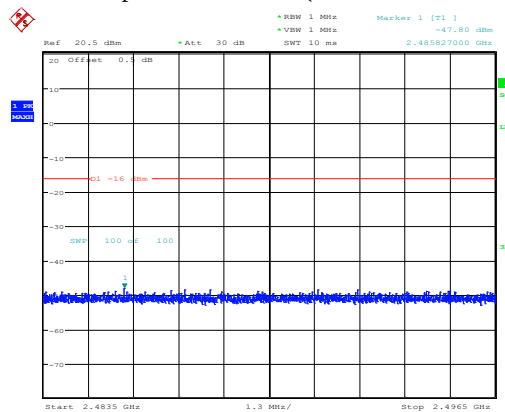
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:12:39

BLE 1Mbps_Low Channel(1GHz~2.387GHz)

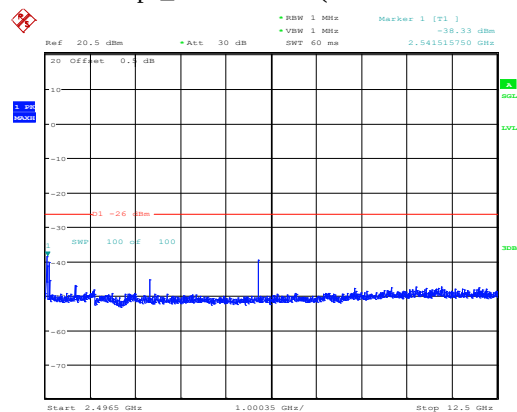
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:12:58

BLE 1Mbps_Low Channel(2.387GHz~2.4GHz)

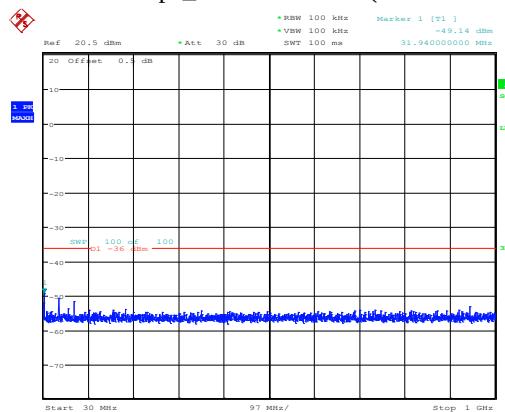
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:13:15

BLE 1Mbps_Low Channel(2.4835GHz~2.4965GHz)

ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:13:31

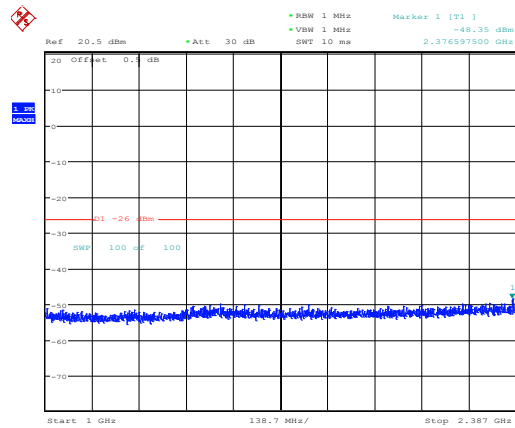
BLE 1Mbps_Low Channel(2.4965GHz~12.5GHz)

ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:14:04

BLE 1Mbps_Middle Channel(30MHz~1GHz)

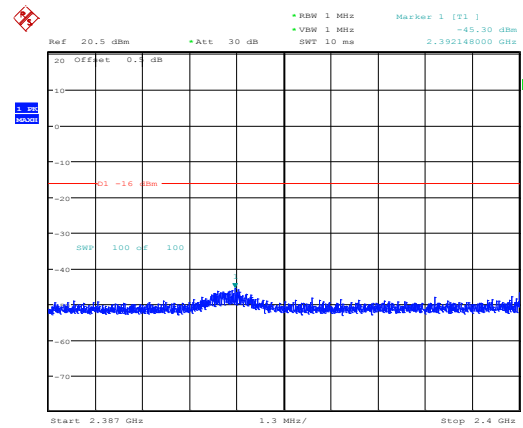
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:17:27

BLE 1Mbps_Middle Channel(1GHz~2.387GHz)



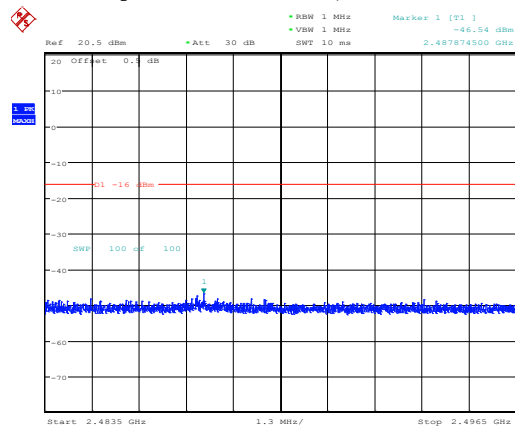
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:17:46

BLE 1Mbps_Middle Channel(2.387GHz~2.4GHz)



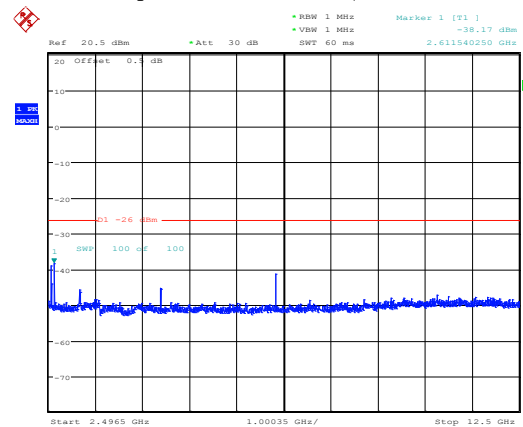
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:18:02

BLE 1Mbps_Middle Channel(2.4835GHz~2.4965GHz)



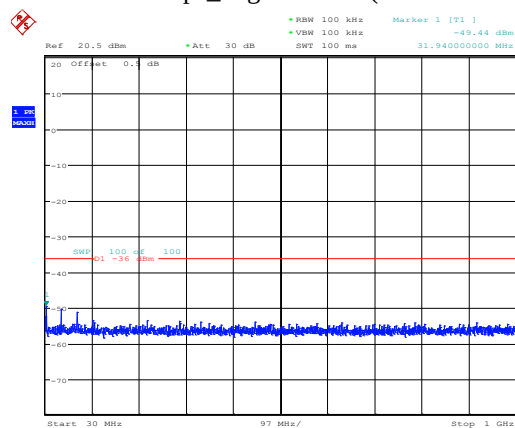
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:18:19

BLE 1Mbps_Middle Channel(2.4965GHz~12.5GHz)



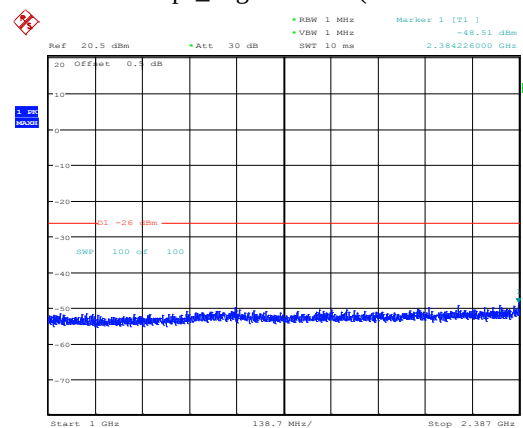
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:18:53

BLE 1Mbps_High Channel(30MHz~1GHz)



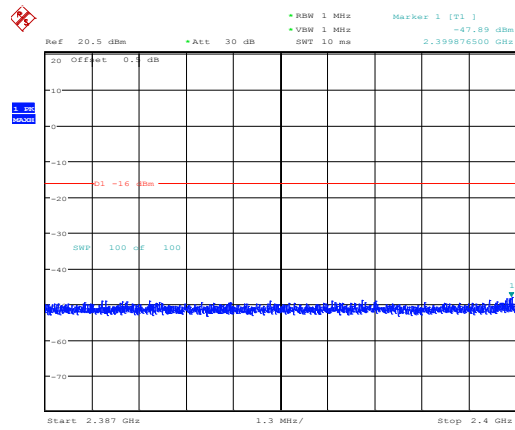
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:22:05

BLE 1Mbps_High Channel(1GHz~2.387GHz)



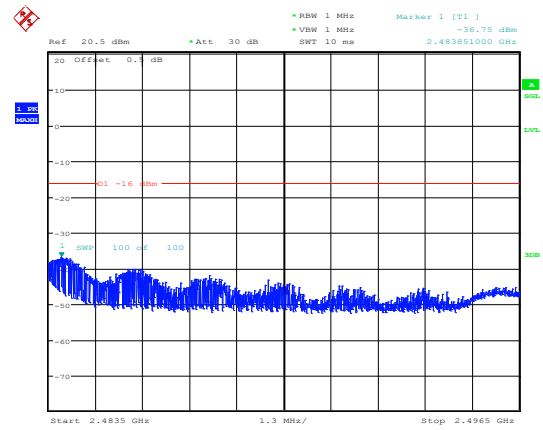
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:22:23

BLE 1Mbps_High Channel(2.387GHz~2.4GHz)



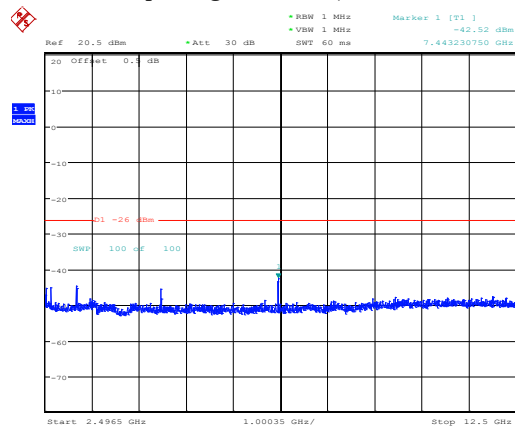
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:22:40

BLE 1Mbps_High Channel(2.4835GHz~2.4965GHz)



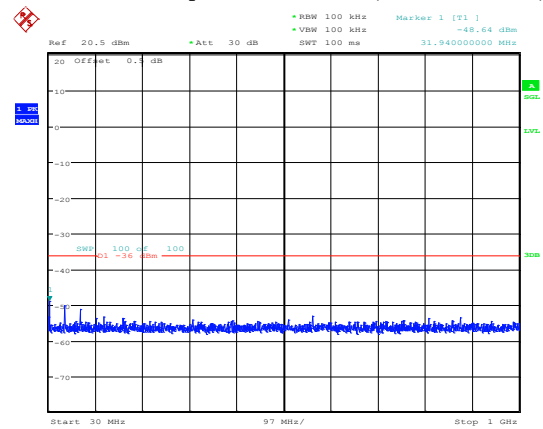
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:22:56

BLE 1Mbps_High Channel(2.4965GHz~12.5GHz)



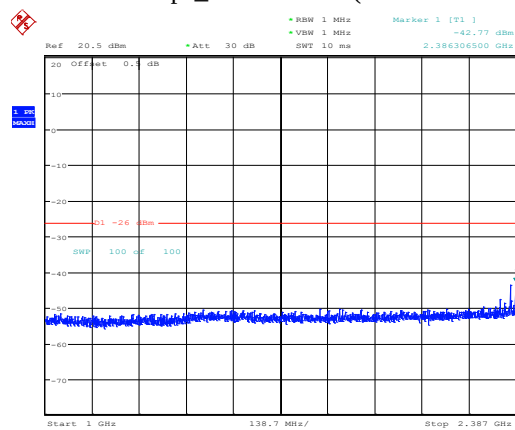
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:23:30

BLE 2Mbps_Low Channel(30MHz~1GHz)



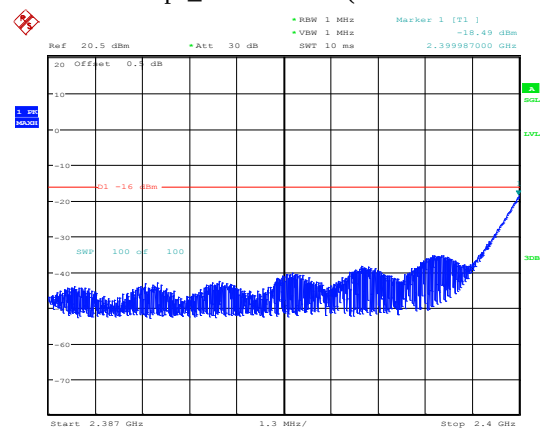
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:26:29

BLE 2Mbps_Low Channel(1GHz~2.387GHz)



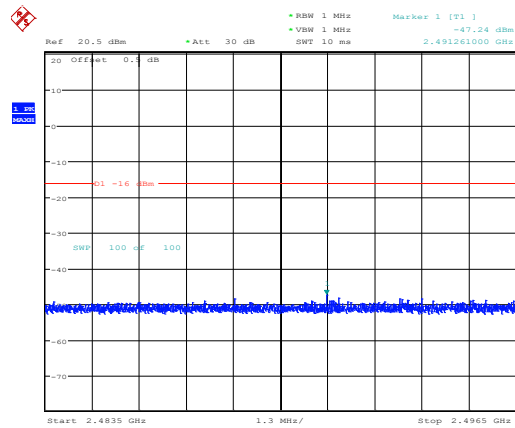
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:26:48

BLE 2Mbps_Low Channel(2.387GHz~2.4GHz)



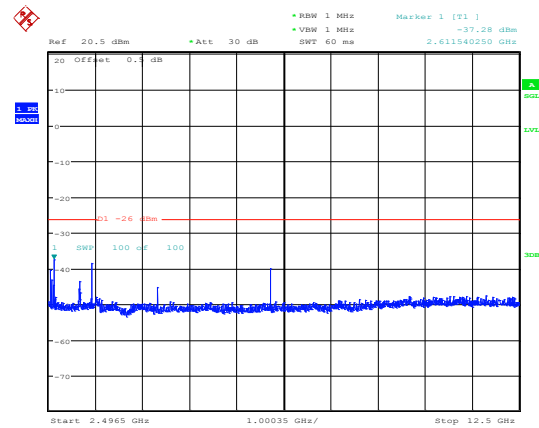
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:27:05

BLE 2Mbps_Low Channel(2.4835GHz~2.4965GHz)



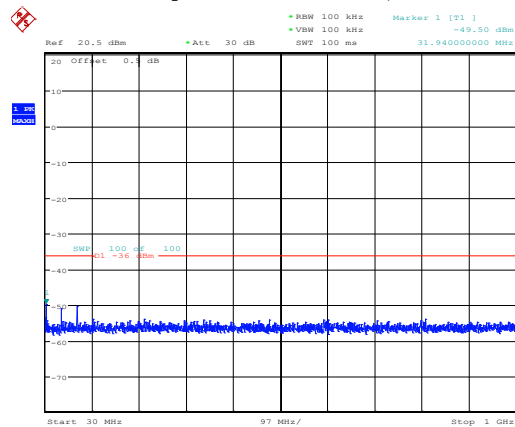
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:27:20

BLE 2Mbps_Low Channel(2.4965GHz~12.5GHz)



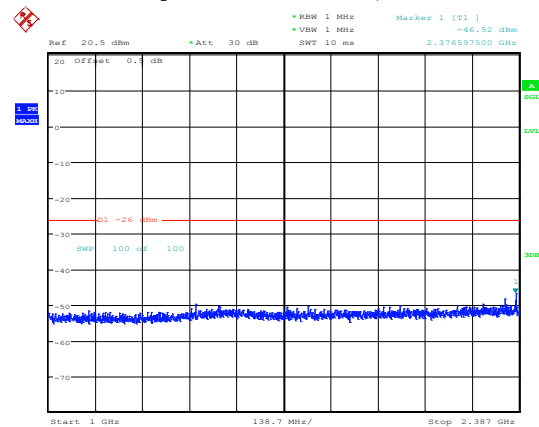
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:27:53

BLE 2Mbps_Middle Channel(30MHz~1GHz)



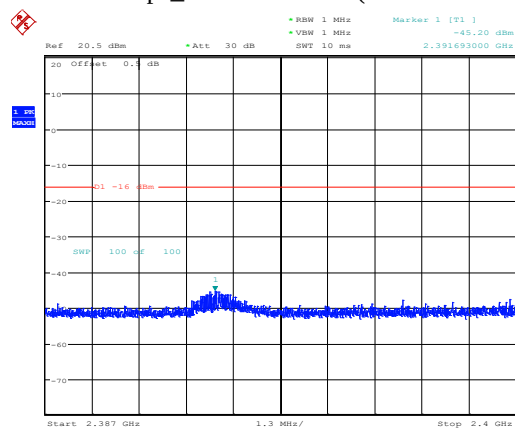
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Date: 10.DEC.2025 20:30:53

BLE 2Mbps_Middle Channel(1GHz~2.387GHz)



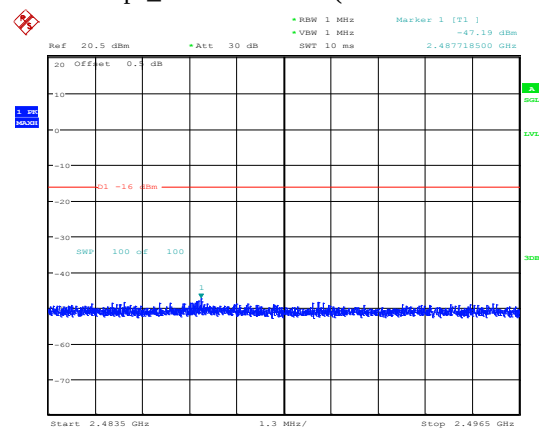
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:31:12

BLE 2Mbps_Middle Channel(2.387GHz~2.4GHz)



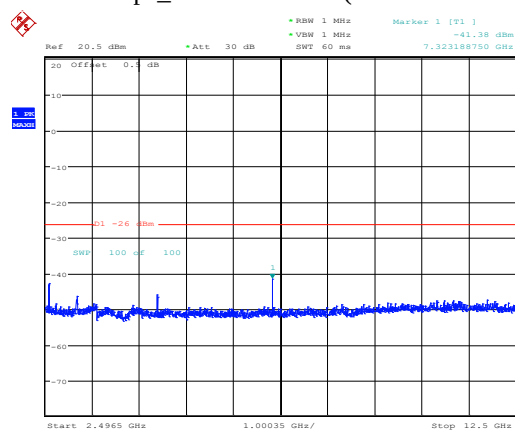
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:31:28

BLE 2Mbps_Middle Channel(2.4835GHz~2.4965GHz)



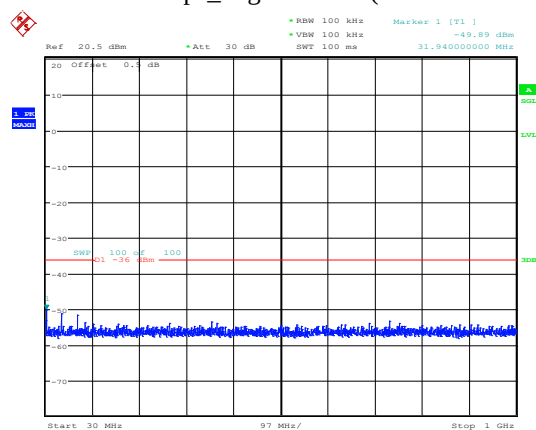
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:31:45

BLE 2Mbps_Middle Channel(2.4965GHz~12.5GHz)



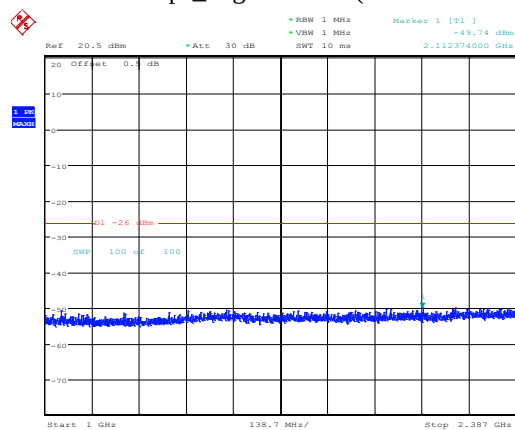
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:32:18

BLE 2Mbps_High Channel(30MHz~1GHz)



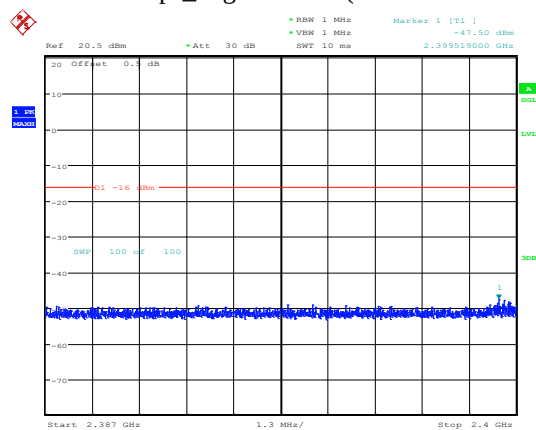
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:35:28

BLE 2Mbps_High Channel(1GHz~2.387GHz)



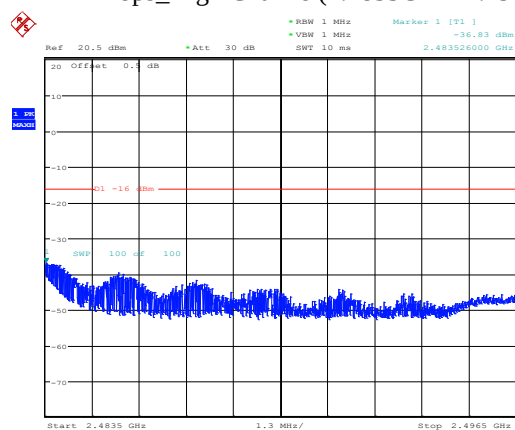
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:35:46

BLE 2Mbps_High Channel(2.387GHz~2.4GHz)



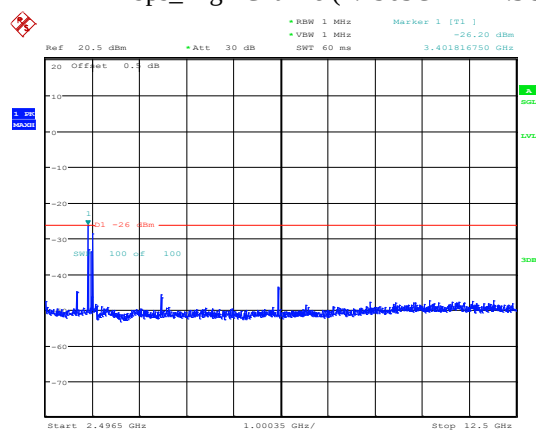
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:36:02

BLE 2Mbps_High Channel(2.4835GHz~2.4965GHz)

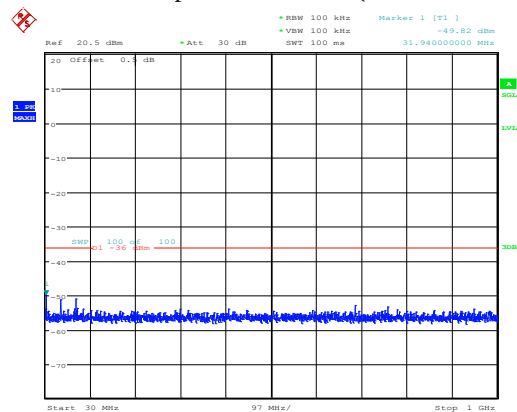


ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:36:18

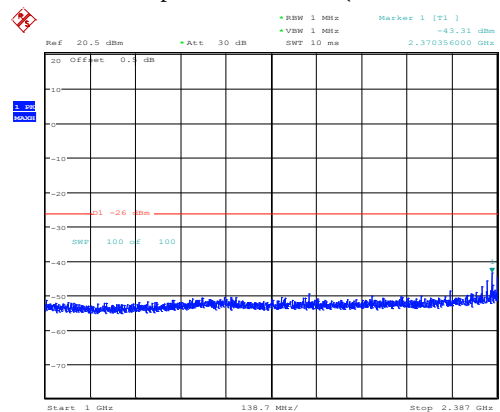
BLE 2Mbps_High Channel(2.4965GHz~12.5GHz)



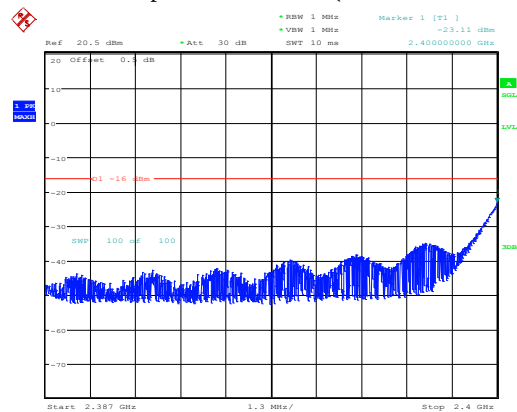
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:36:53

Test Condition: HV**BLE 1Mbps_Low Channel(30MHz~1GHz)**

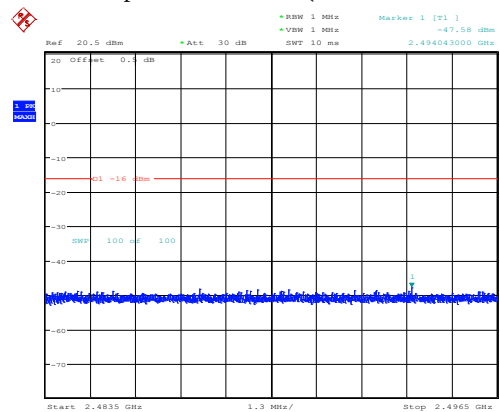
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:43:57

BLE 1Mbps_Low Channel(1GHz~2.387GHz)

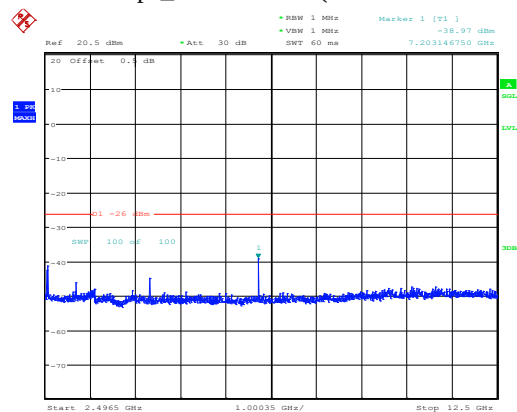
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:44:15

BLE 1Mbps_Low Channel(2.387GHz~2.4GHz)

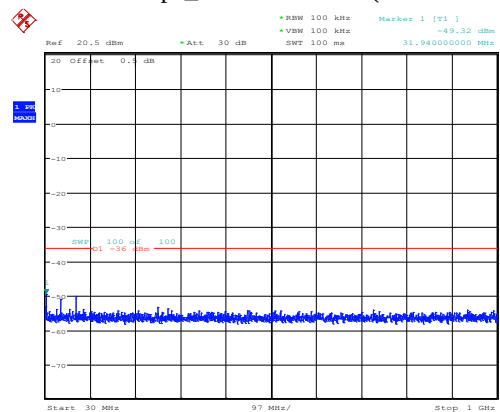
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:44:31

BLE 1Mbps_Low Channel(2.4835GHz~2.4965GHz)

ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:44:47

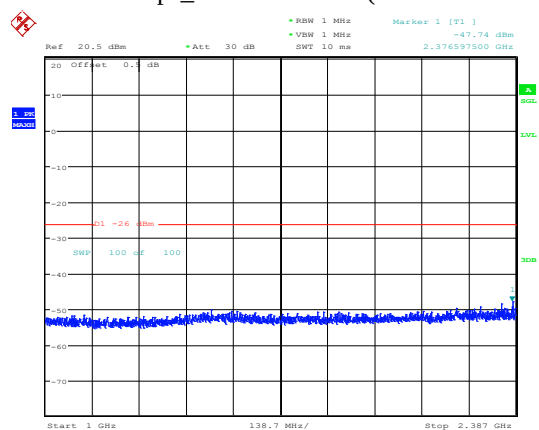
BLE 1Mbps_Low Channel(2.4965GHz~12.5GHz)

ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:45:21

BLE 1Mbps_Middle Channel(30MHz~1GHz)

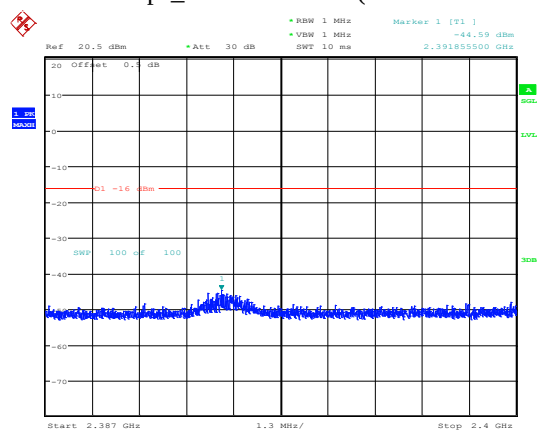
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 20:46:01

BLE 1Mbps_Middle Channel(1GHz~2.387GHz)



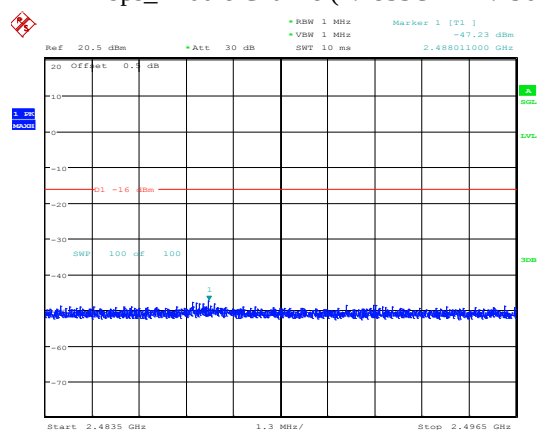
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:46:20

BLE 1Mbps_Middle Channel(2.387GHz~2.4GHz)



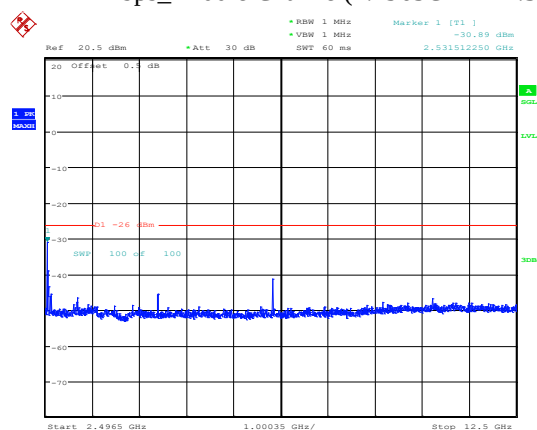
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:46:36

BLE 1Mbps_Middle Channel(2.4835GHz~2.4965GHz)



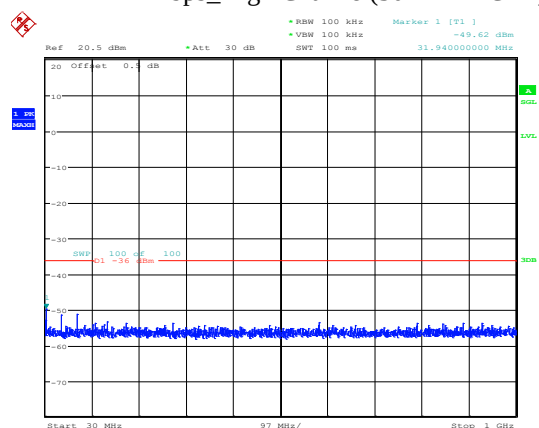
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:46:51

BLE 1Mbps_Middle Channel(2.4965GHz~12.5GHz)



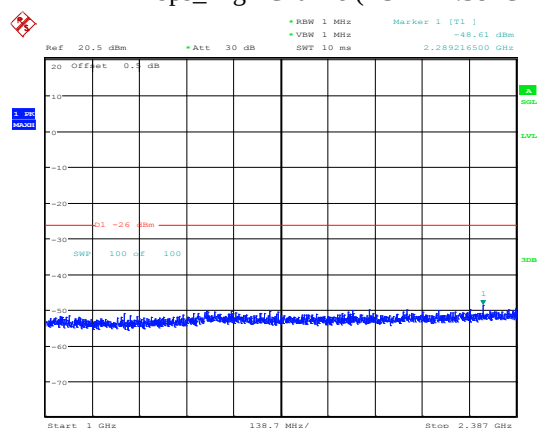
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:47:24

BLE 1Mbps_High Channel(30MHz~1GHz)



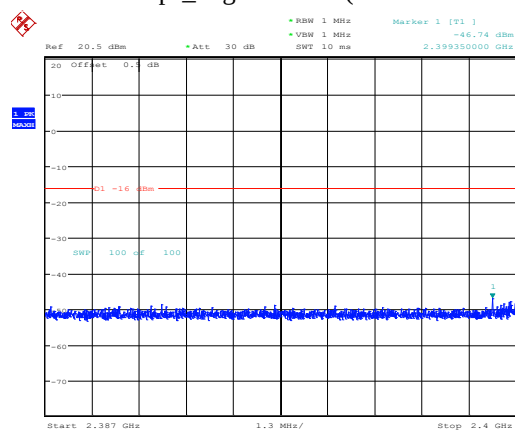
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:48:24

BLE 1Mbps_High Channel(1GHz~2.387GHz)



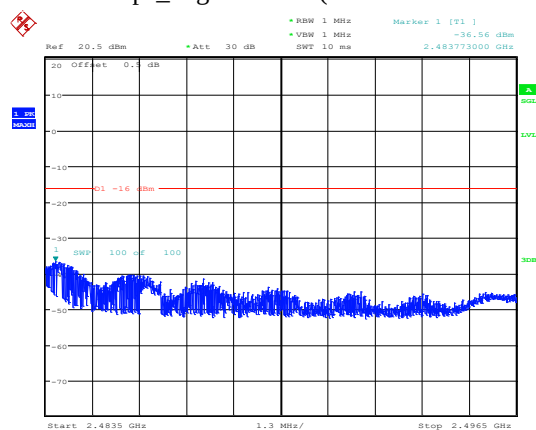
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:48:44

BLE 1Mbps_High Channel(2.387GHz~2.4GHz)



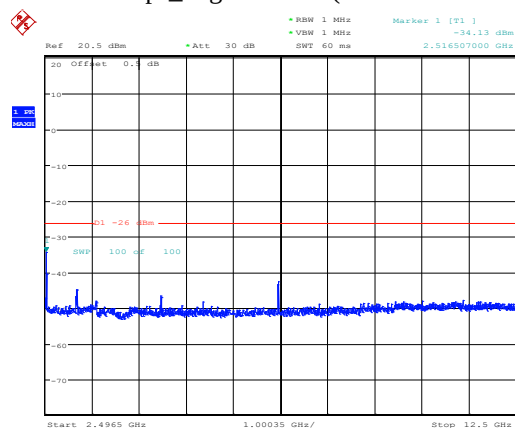
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:49:00

BLE 1Mbps_High Channel(2.4835GHz~2.4965GHz)



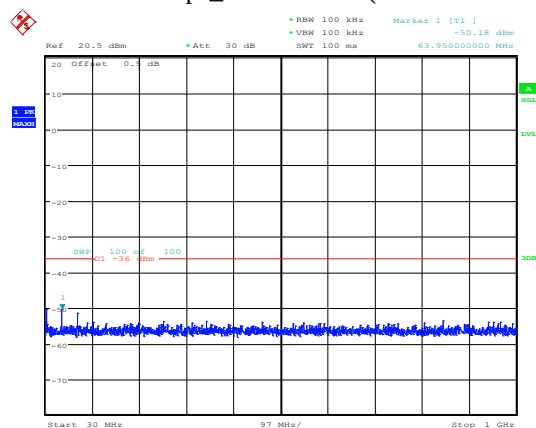
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:49:18

BLE 1Mbps_High Channel(2.4965GHz~12.5GHz)



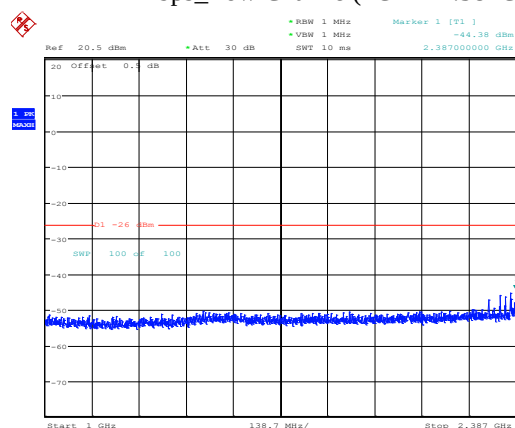
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:49:53

BLE 2Mbps_Low Channel(30MHz~1GHz)



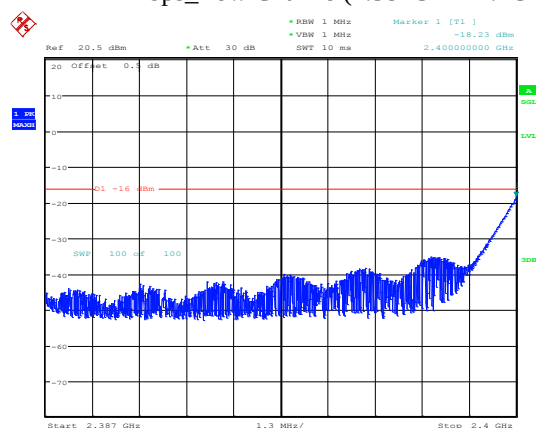
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:50:30

BLE 2Mbps_Low Channel(1GHz~2.387GHz)



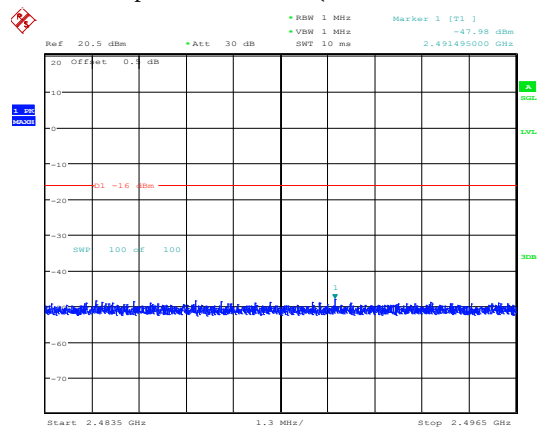
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:50:49

BLE 2Mbps_Low Channel(2.387GHz~2.4GHz)



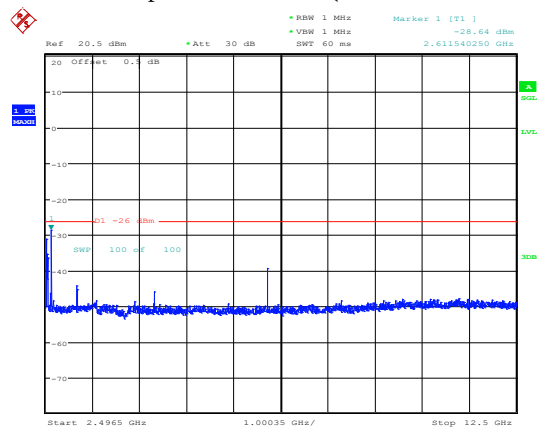
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:51:06

BLE 2Mbps_Low Channel(2.4835GHz~2.4965GHz)



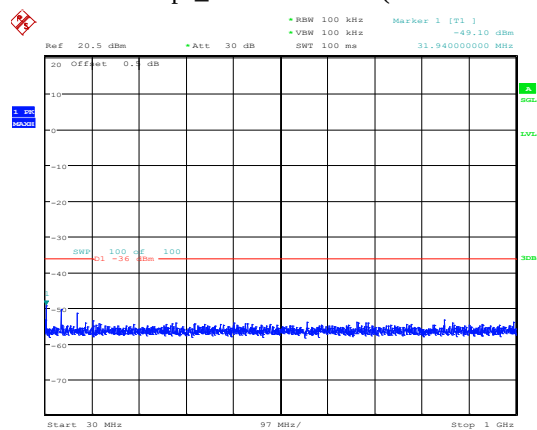
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:51:28

BLE 2Mbps_Low Channel(2.4965GHz~12.5GHz)



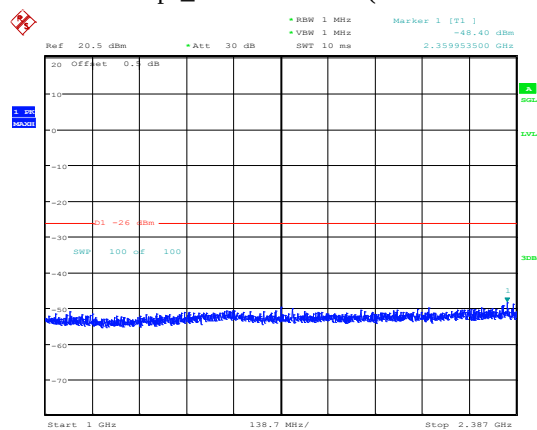
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:52:03

BLE 2Mbps_Middle Channel(30MHz~1GHz)



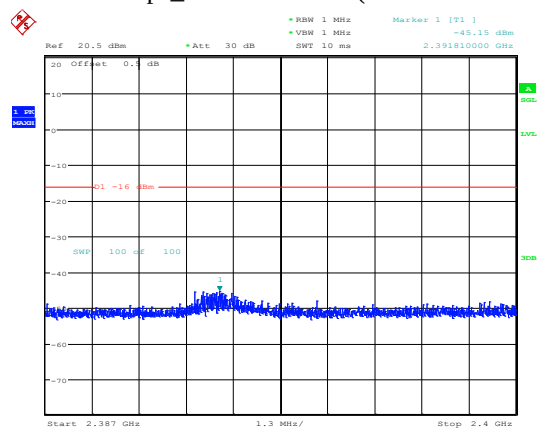
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:52:42

BLE 2Mbps_Middle Channel(1GHz~2.387GHz)



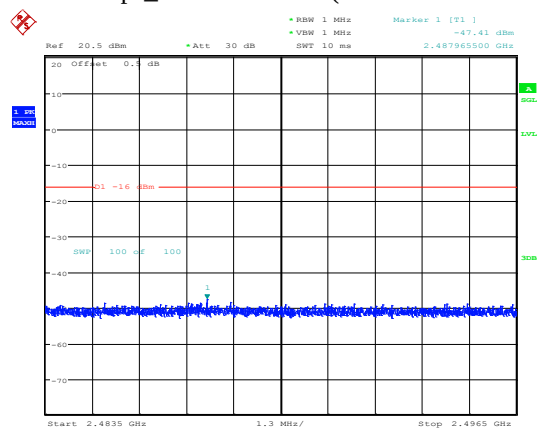
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:53:05

BLE 2Mbps_Middle Channel(2.387GHz~2.4GHz)



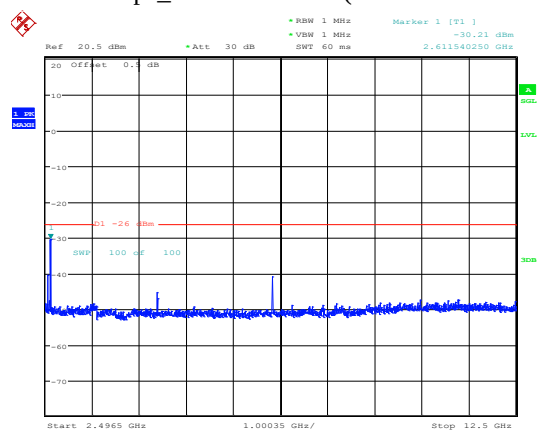
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:53:25

BLE 2Mbps_Middle Channel(2.4835GHz~2.4965GHz)



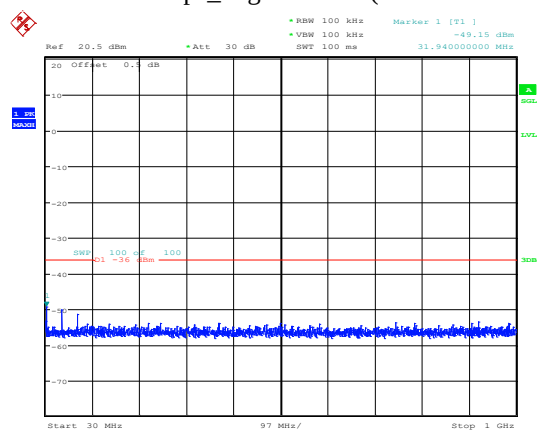
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:53:41

BLE 2Mbps_Middle Channel(2.4965GHz~12.5GHz)



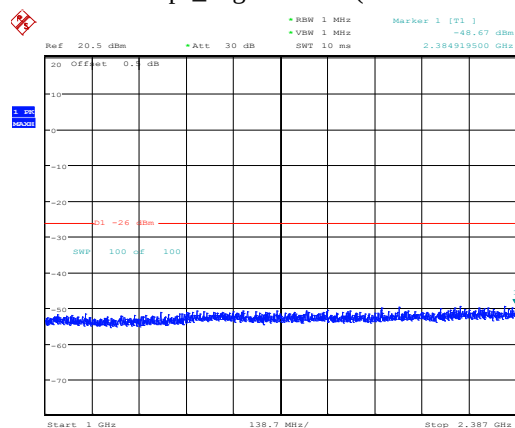
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:59:24

BLE 2Mbps_High Channel(30MHz~1GHz)



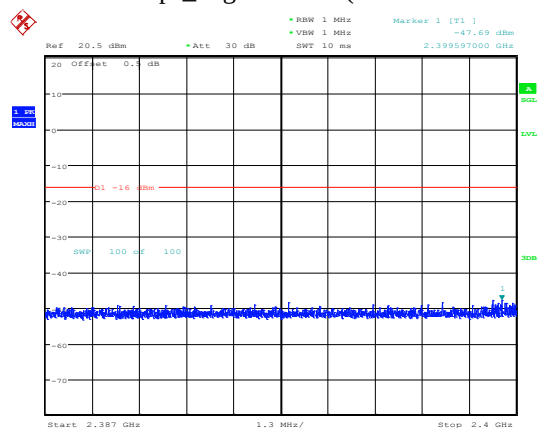
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:56:05

BLE 2Mbps_High Channel(1GHz~2.387GHz)



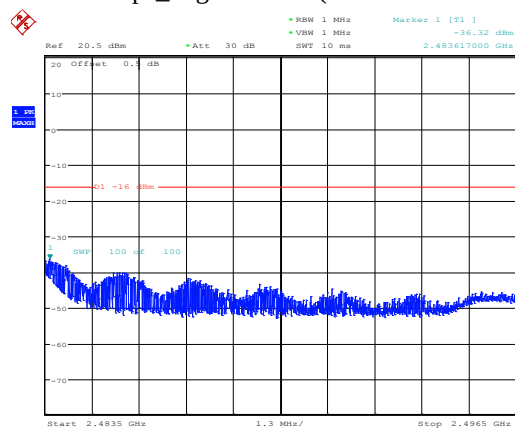
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:56:23

BLE 2Mbps_High Channel(2.387GHz~2.4GHz)



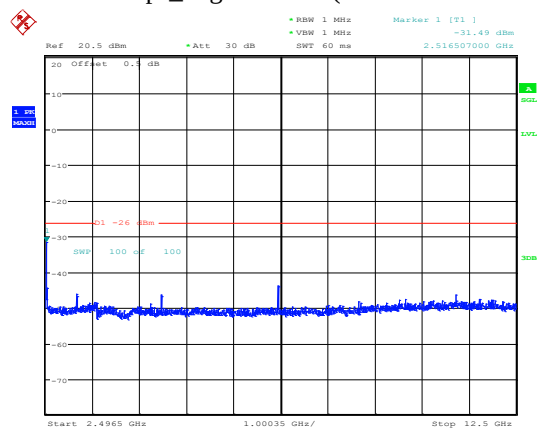
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:56:39

BLE 2Mbps_High Channel(2.4835GHz~2.4965GHz)

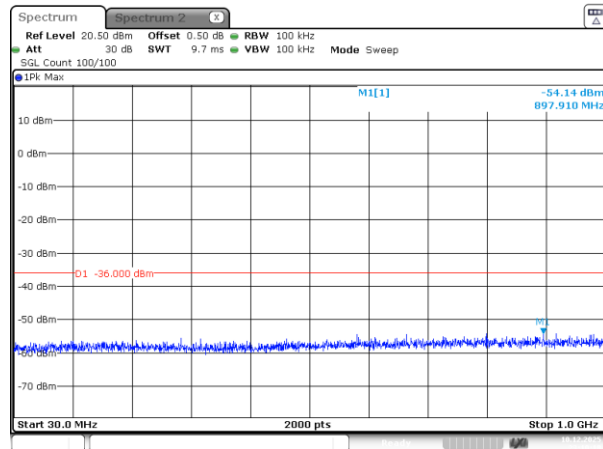


ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:56:54

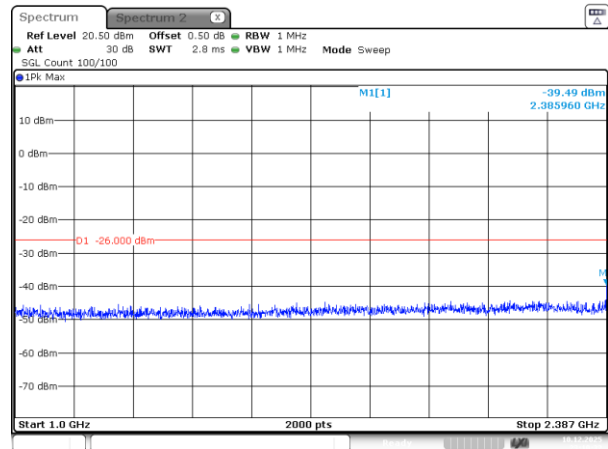
BLE 2Mbps_High Channel(2.4965GHz~12.5GHz)



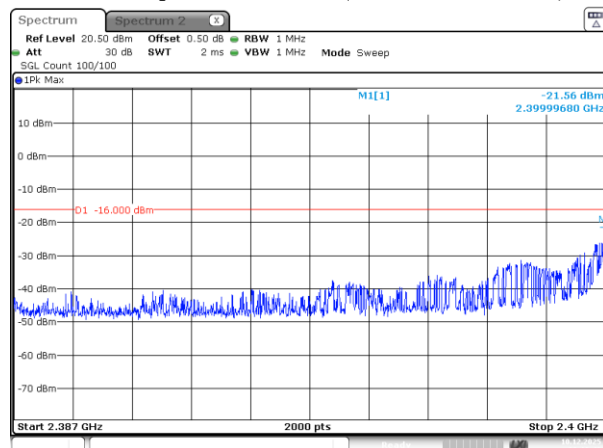
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 20:57:28

Test Plots for Bluetooth Function 2 (for Imaging uses):**Test Condition: NV****BLE 1Mbps_Low Channel(30MHz~1GHz)**

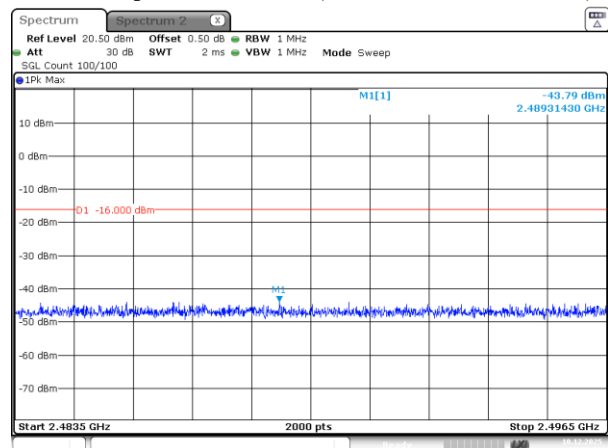
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:10:18

BLE 1Mbps_Low Channel(1GHz~2.387GHz)

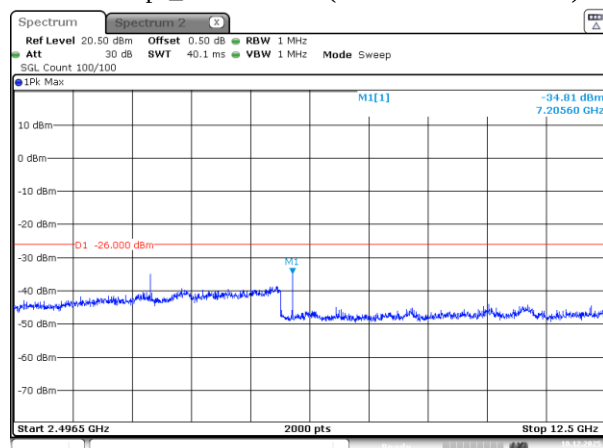
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:10:33

BLE 1Mbps_Low Channel(2.387GHz~2.4GHz)

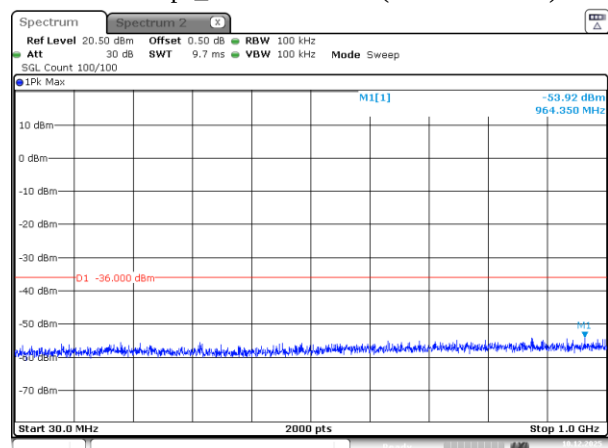
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:10:46

BLE 1Mbps_Low Channel(2.4835GHz~2.4965GHz)

ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:11:00

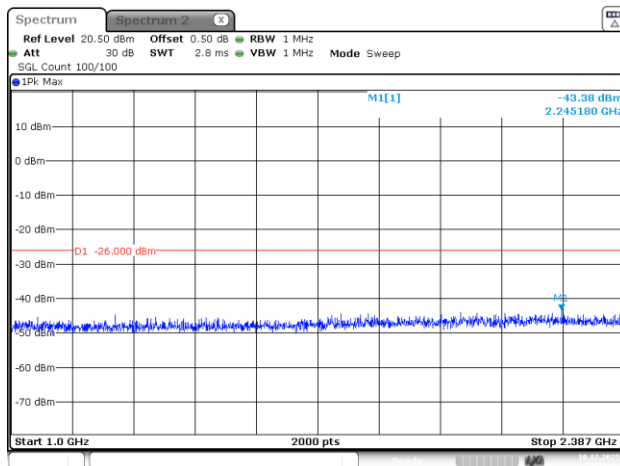
BLE 1Mbps_Low Channel(2.4965GHz~12.5GHz)

ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:11:31

BLE 1Mbps_Middle Channel(30MHz~1GHz)

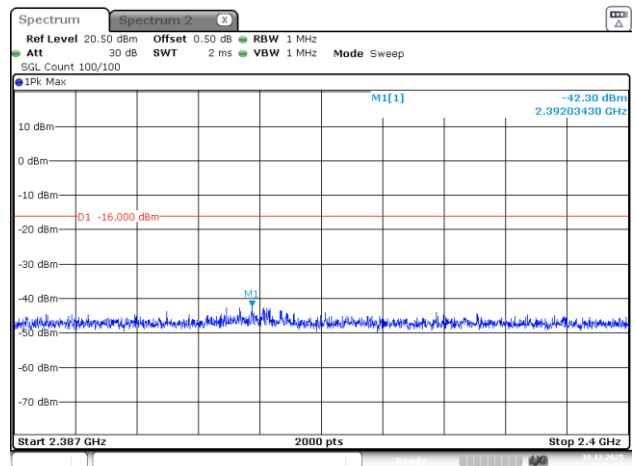
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:12:27

BLE 1Mbps_Middle Channel(1GHz~2.387GHz)



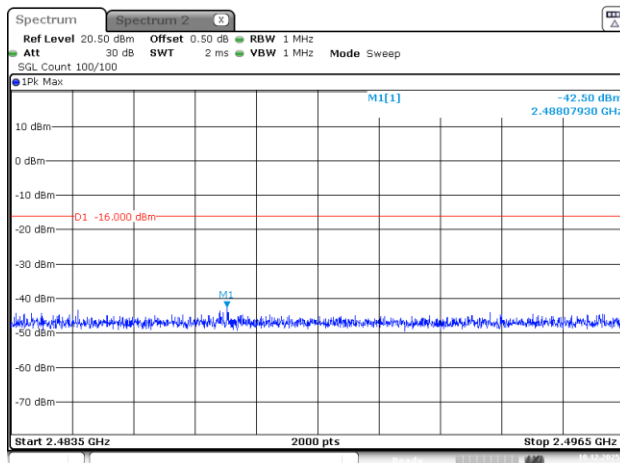
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:12:43

BLE 1Mbps_Middle Channel(2.387GHz~2.4GHz)



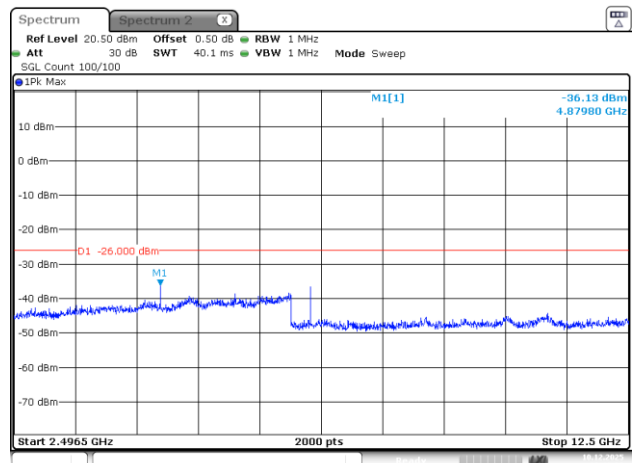
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:12:55

BLE 1Mbps_Middle Channel(2.4835GHz~2.4965GHz)



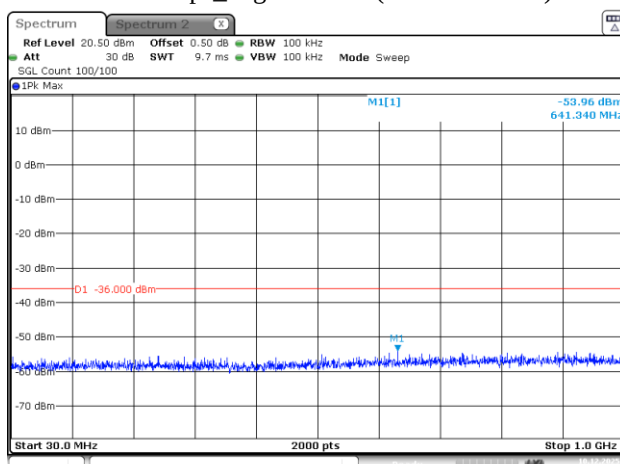
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:13:08

BLE 1Mbps_Middle Channel(2.4965GHz~12.5GHz)



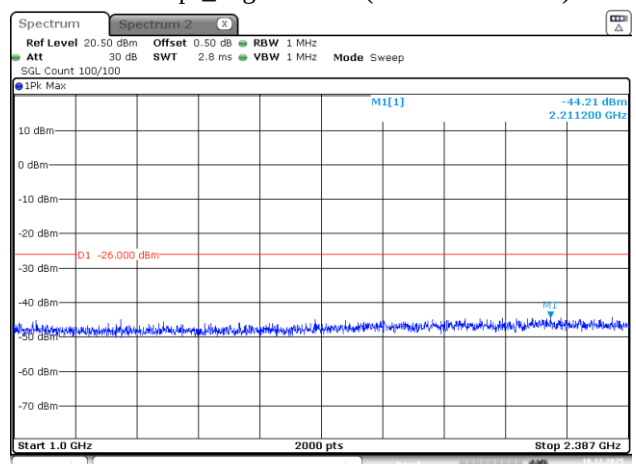
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:13:39

BLE 1Mbps_High Channel(30MHz~1GHz)



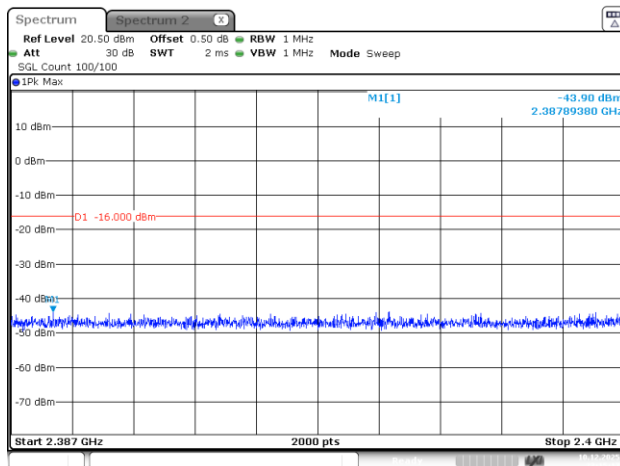
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Date: 10.DEC.2025 23:14:49

BLE 1Mbps_High Channel(1GHz~2.387GHz)



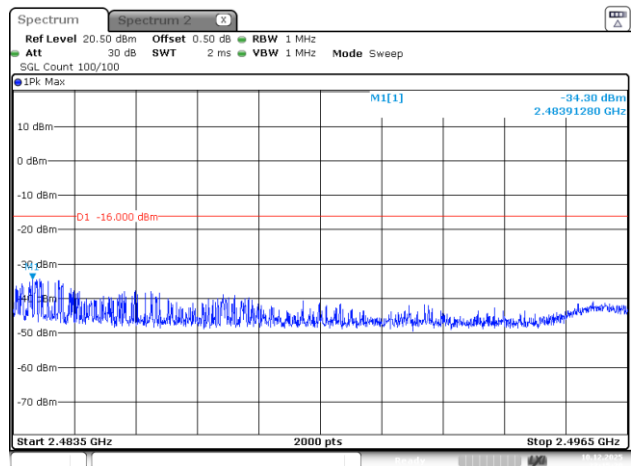
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:15:04

BLE 1Mbps_High Channel(2.387GHz~2.4GHz)



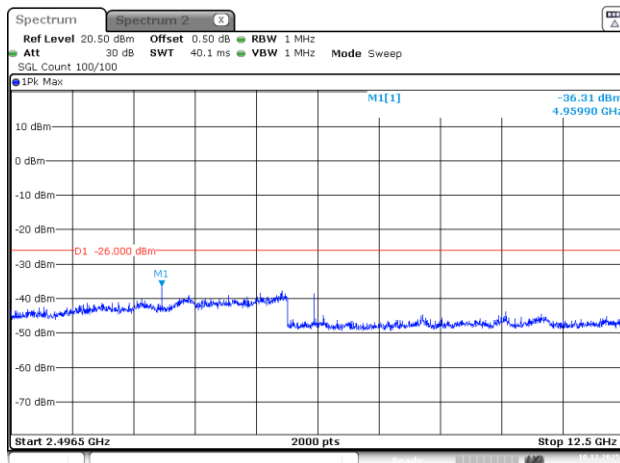
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:15:17

BLE 1Mbps_High Channel(2.4835GHz~2.4965GHz)



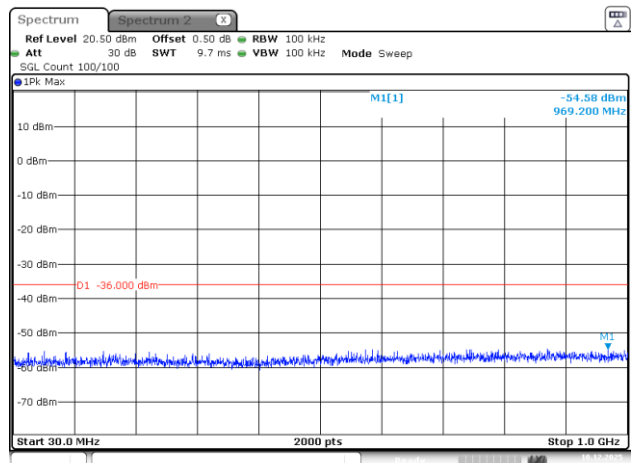
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:15:30

BLE 1Mbps_High Channel(2.4965GHz~12.5GHz)



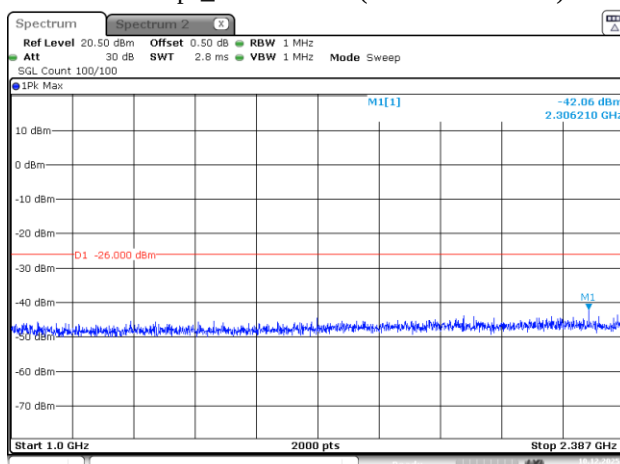
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:16:01

BLE 2Mbps_Low Channel(30MHz~1GHz)



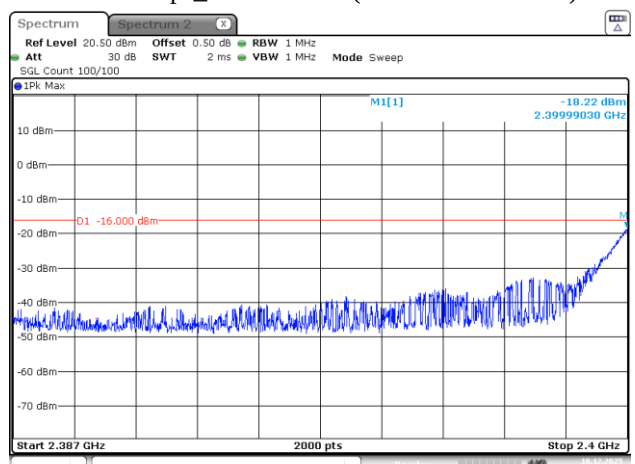
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:18:12

BLE 2Mbps_Low Channel(1GHz~2.387GHz)



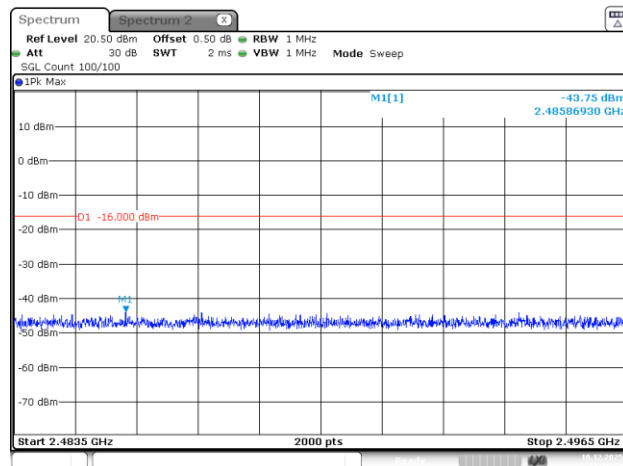
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:18:27

BLE 2Mbps_Low Channel(2.387GHz~2.4GHz)



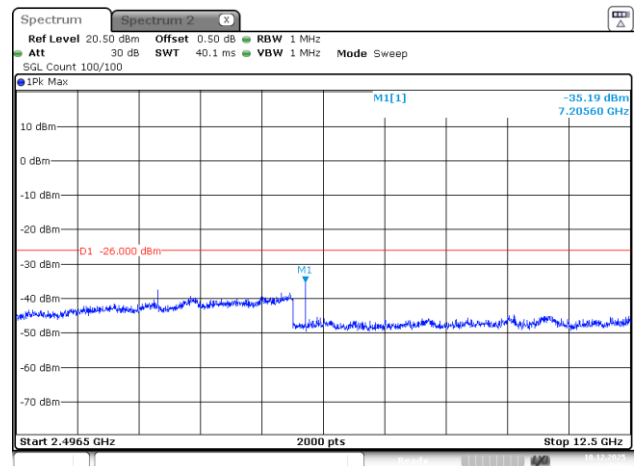
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Date: 10,DEC,2025 23:18:41

BLE 2Mbps_Low Channel(2.4835GHz~2.4965GHz)



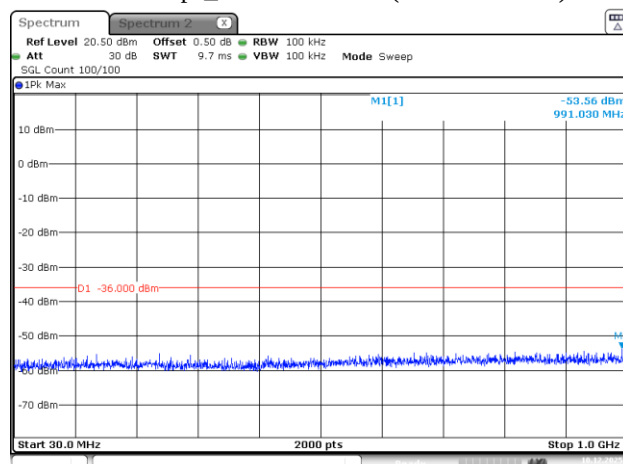
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:19:55

BLE 2Mbps_Low Channel(2.4965GHz~12.5GHz)



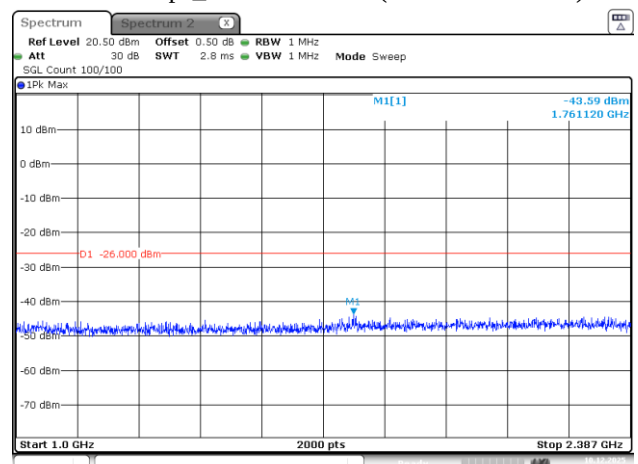
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:19:26

BLE 2Mbps_Middle Channel(30MHz~1GHz)



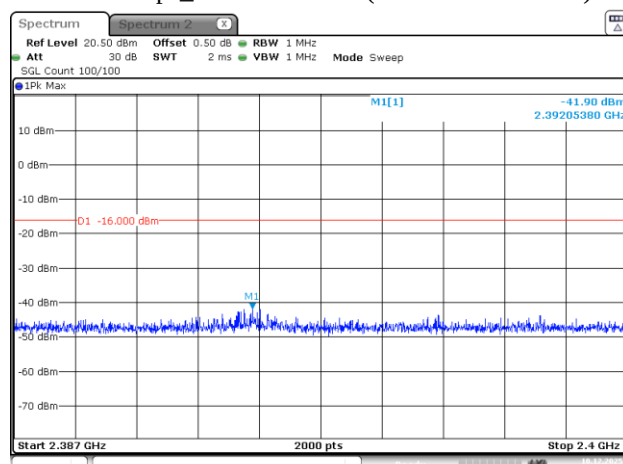
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:20:27

BLE 2Mbps_Middle Channel(1GHz~2.387GHz)



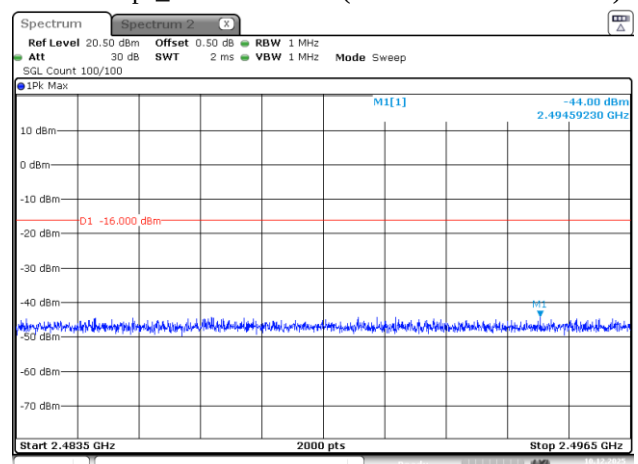
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:20:42

BLE 2Mbps_Middle Channel(2.387GHz~2.4GHz)



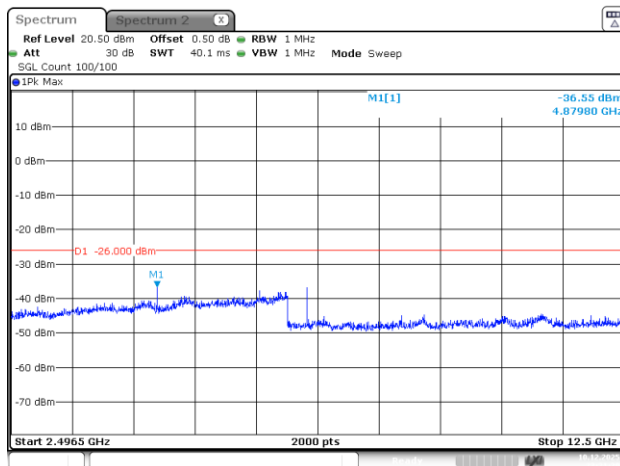
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:20:55

BLE 2Mbps_Middle Channel(2.4835GHz~2.4965GHz)



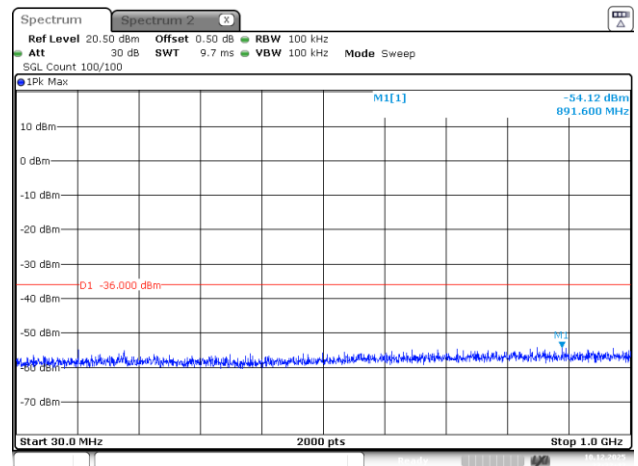
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:21:09

BLE 2Mbps_Middle Channel(2.4965GHz~12.5GHz)



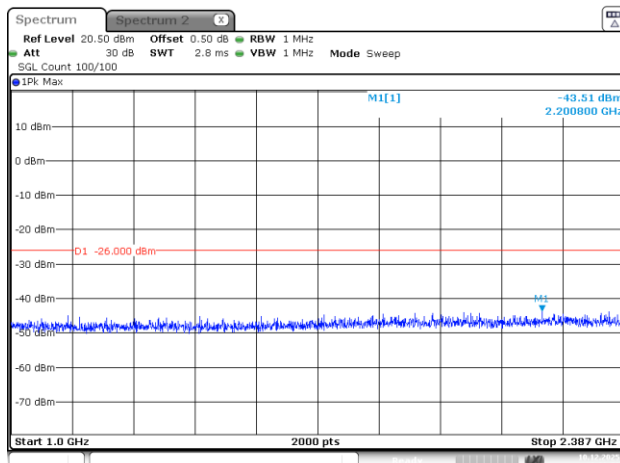
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:21:39

BLE 2Mbps_High Channel(30MHz~1GHz)



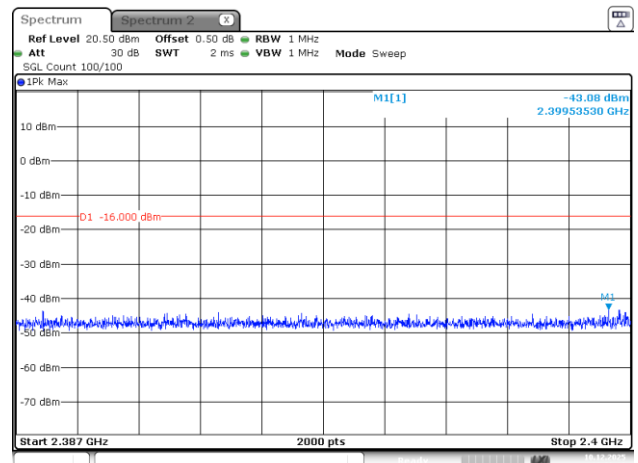
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Date: 10,DEC,2025 23:22:42

BLE 2Mbps_High Channel(1GHz~2.387GHz)



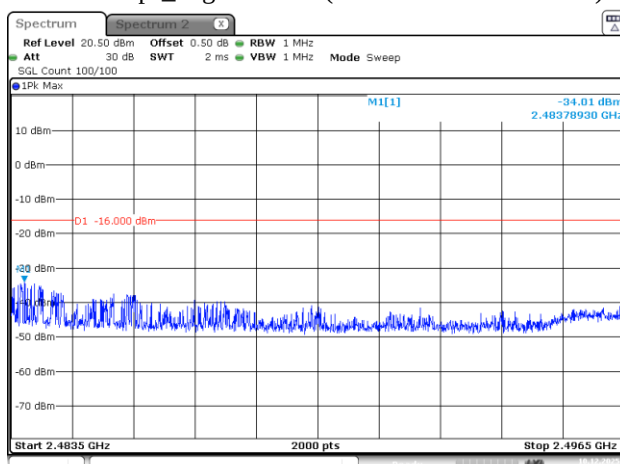
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:22:57

BLE 2Mbps_High Channel(2.387GHz~2.4GHz)



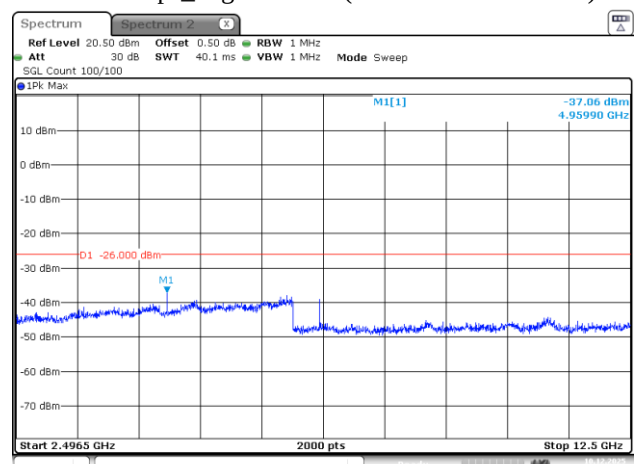
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:23:11

BLE 2Mbps_High Channel(2.4835GHz~2.4965GHz)

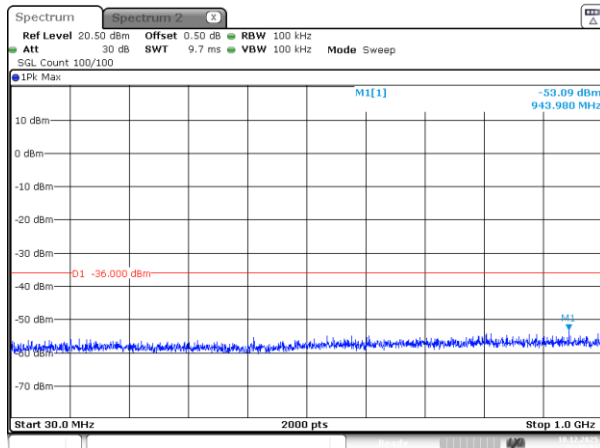


ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:23:25

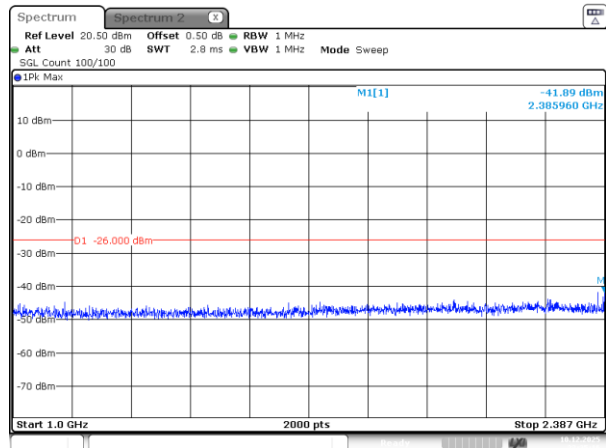
BLE 2Mbps_High Channel(2.4965GHz~12.5GHz)



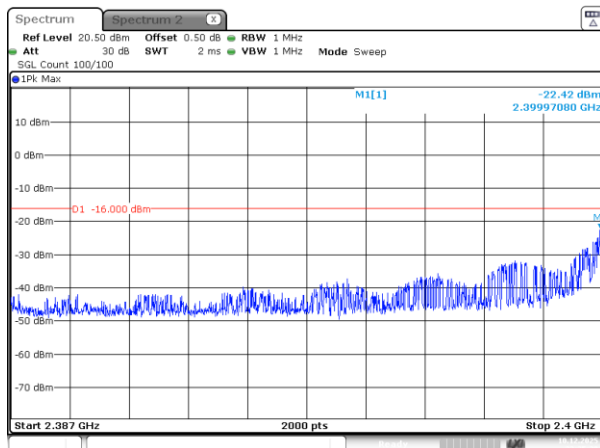
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:23:58

Test Condition: LV**BLE 1Mbps_Low Channel(30MHz~1GHz)**

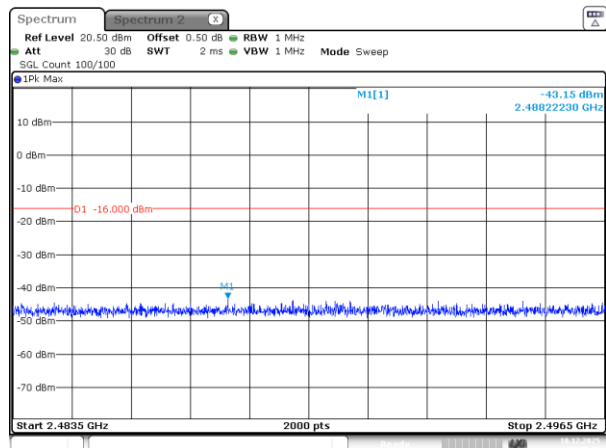
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:25:01

BLE 1Mbps_Low Channel(1GHz~2.387GHz)

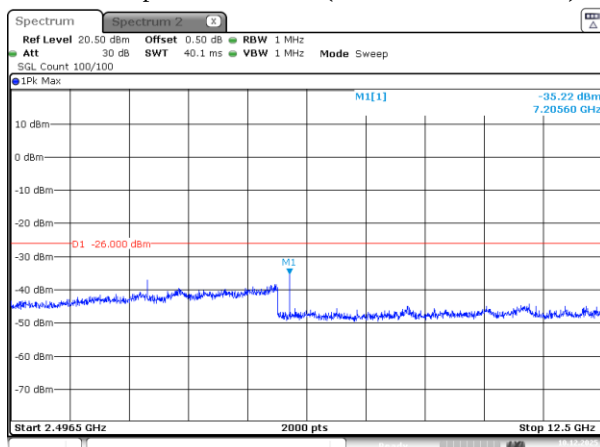
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:25:16

BLE 1Mbps_Low Channel(2.387GHz~2.4GHz)

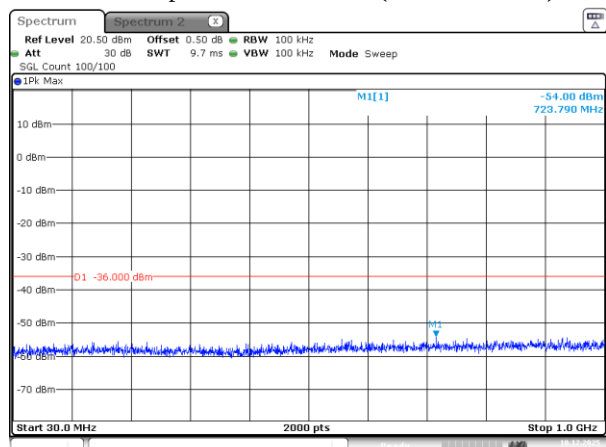
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:25:29

BLE 1Mbps_Low Channel(2.4835GHz~2.4965GHz)

ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:25:42

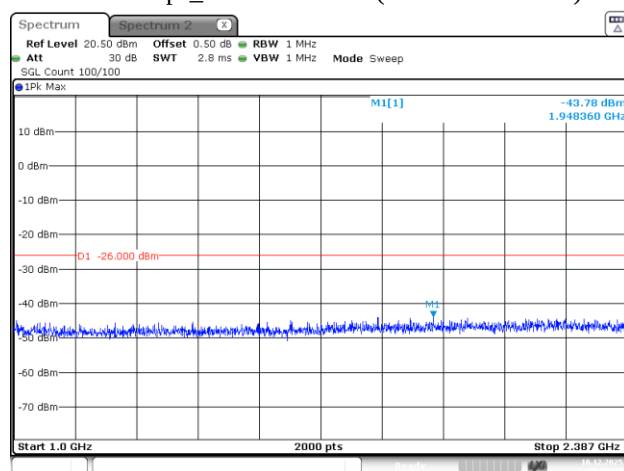
BLE 1Mbps_Low Channel(2.4965GHz~12.5GHz)

ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:26:13

BLE 1Mbps_Middle Channel(30MHz~1GHz)

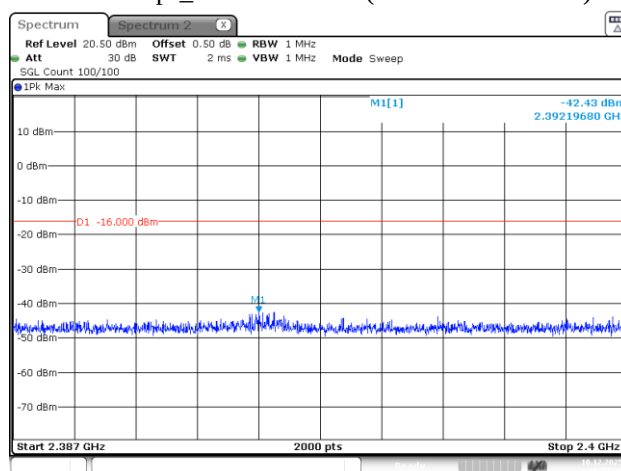
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:27:13

BLE 1Mbps_Middle Channel(1GHz~2.387GHz)



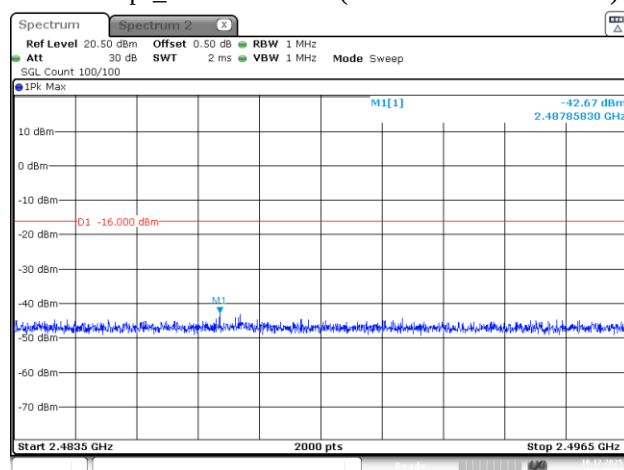
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:27:28

BLE 1Mbps_Middle Channel(2.387GHz~2.4GHz)



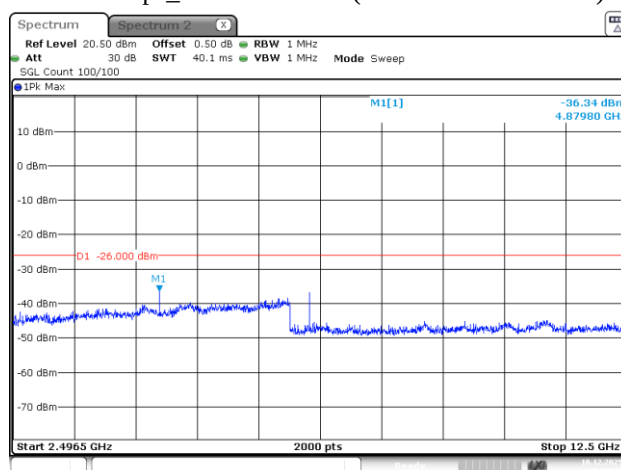
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Date: 10.DEC.2025 23:27:40

BLE 1Mbps_Middle Channel(2.4835GHz~2.4965GHz)



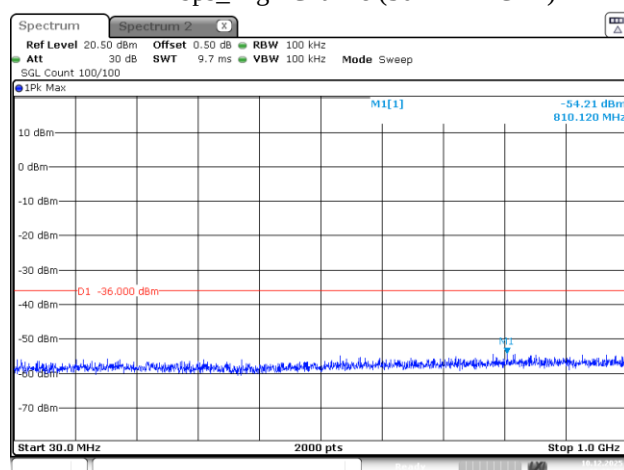
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:27:53

BLE 1Mbps_Middle Channel(2.4965GHz~12.5GHz)



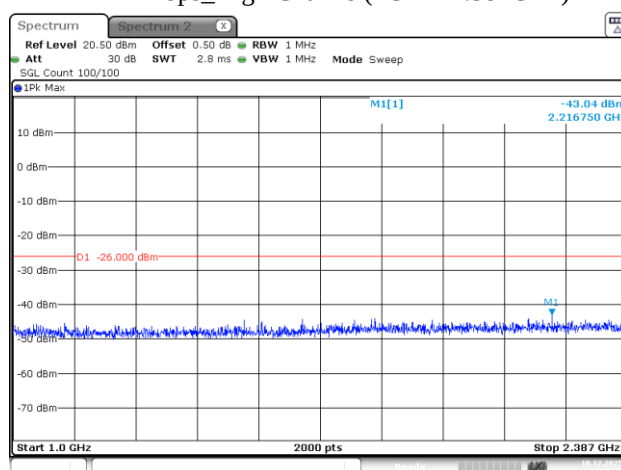
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:28:25

BLE 1Mbps_High Channel(30MHz~1GHz)



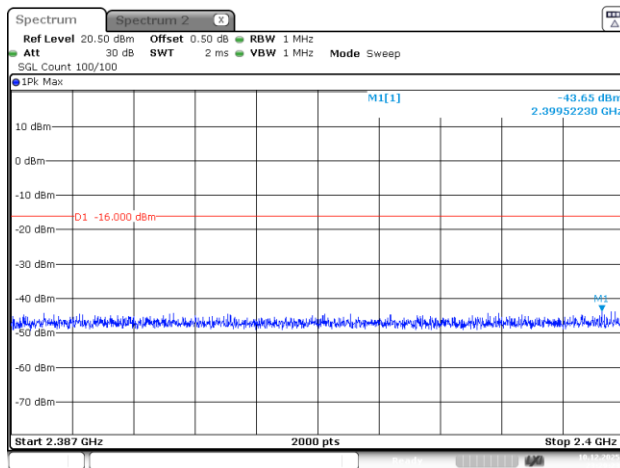
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:28:55

BLE 1Mbps_High Channel(1GHz~2.387GHz)



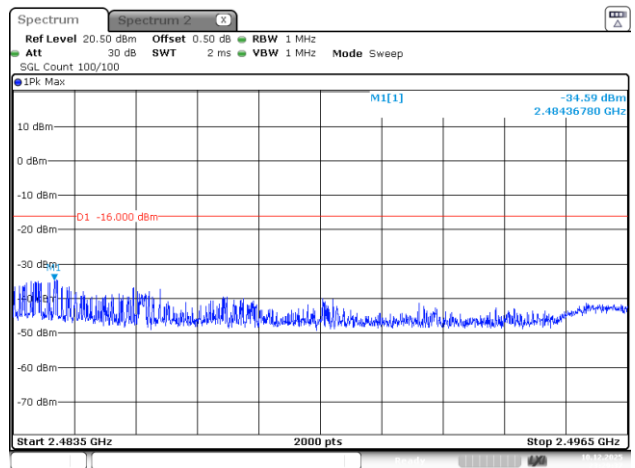
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:29:11

BLE 1Mbps_High Channel(2.387GHz~2.4GHz)



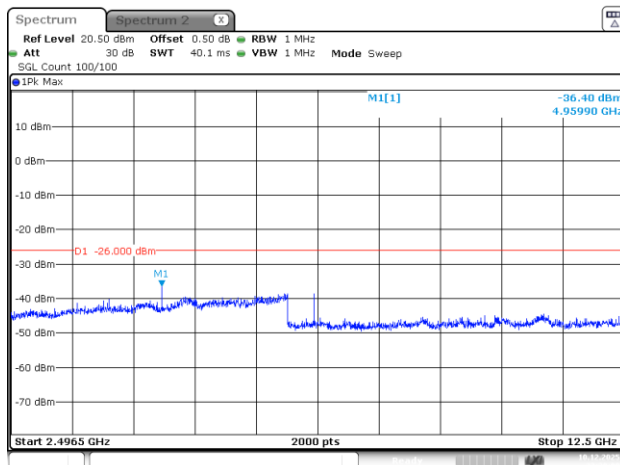
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Date: 10.DEC.2025 23:29:24

BLE 1Mbps_High Channel(2.4835GHz~2.4965GHz)



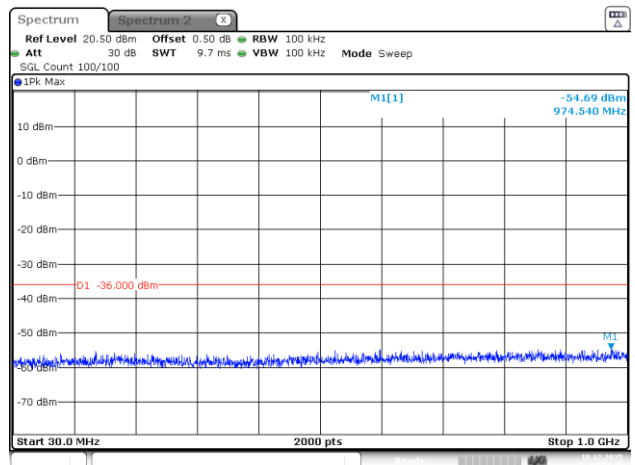
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Date: 10.DEC.2025 23:29:36

BLE 1Mbps_High Channel(2.4965GHz~12.5GHz)



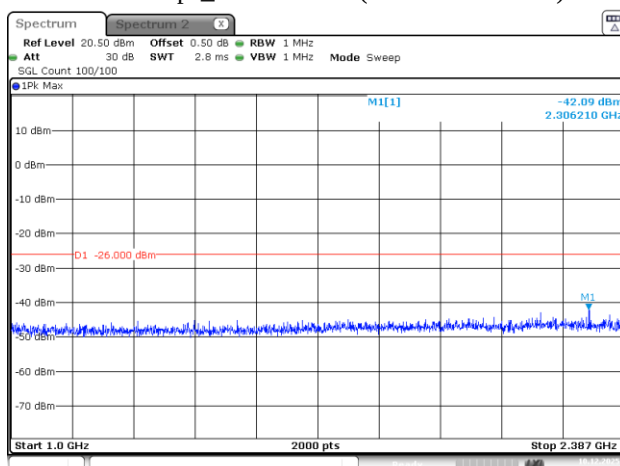
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:30:09

BLE 2Mbps_Low Channel(30MHz~1GHz)



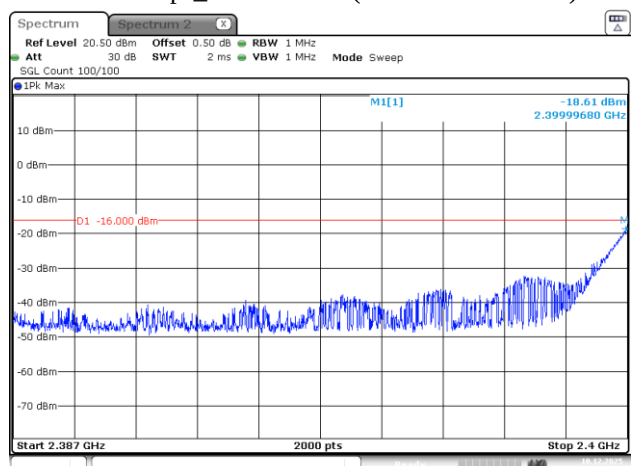
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:32:43

BLE 2Mbps_Low Channel(1GHz~2.387GHz)



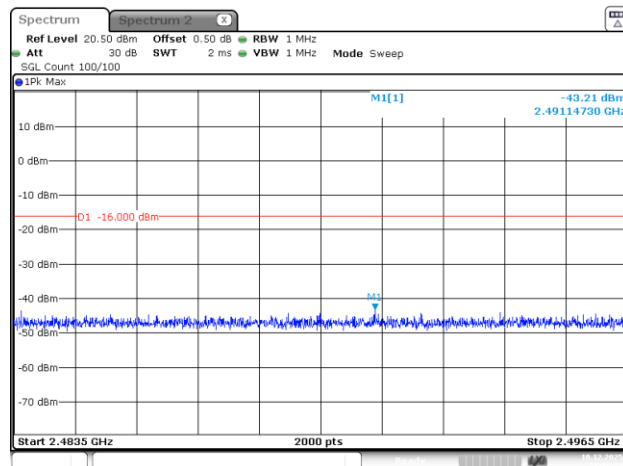
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:32:57

BLE 2Mbps_Low Channel(2.387GHz~2.4GHz)



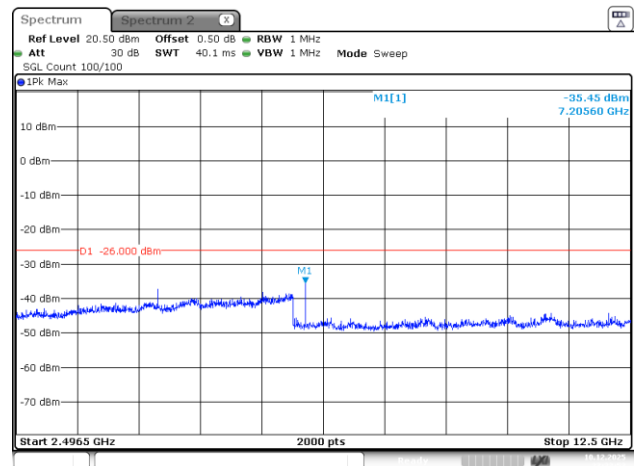
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:33:09

BLE 2Mbps_Low Channel(2.4835GHz~2.4965GHz)



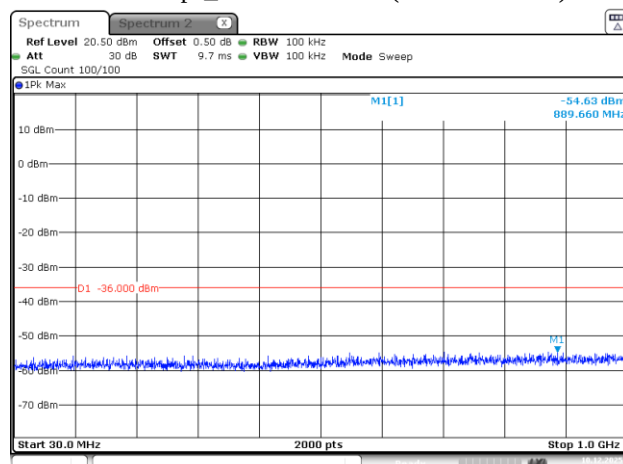
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:33:23

BLE 2Mbps_Low Channel(2.4965GHz~12.5GHz)



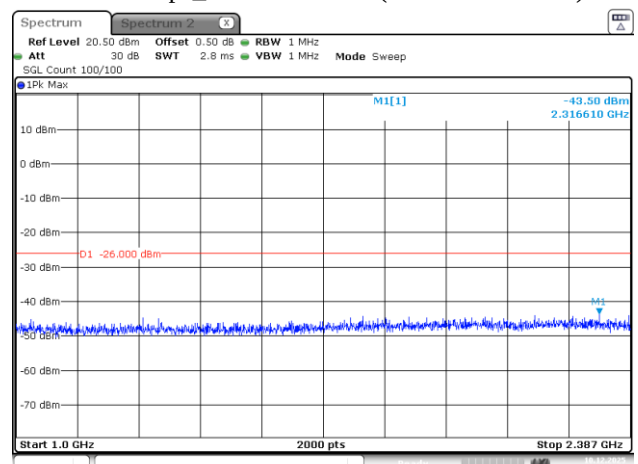
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:33:54

BLE 2Mbps_Middle Channel(30MHz~1GHz)



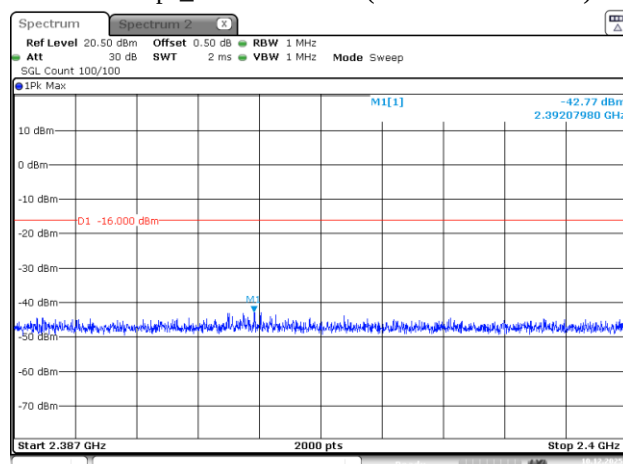
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:34:56

BLE 2Mbps_Middle Channel(1GHz~2.387GHz)



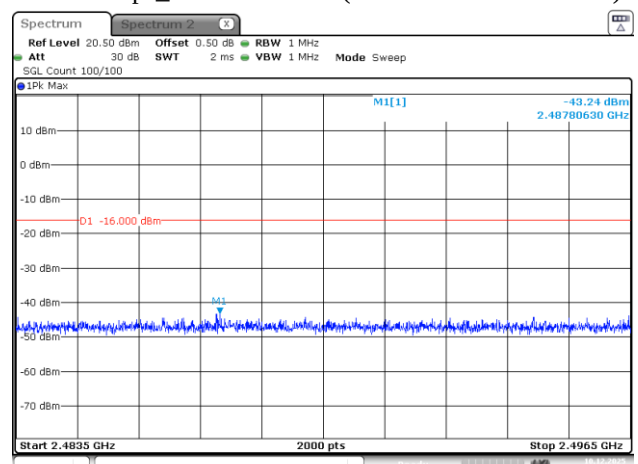
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:35:12

BLE 2Mbps_Middle Channel(2.387GHz~2.4GHz)



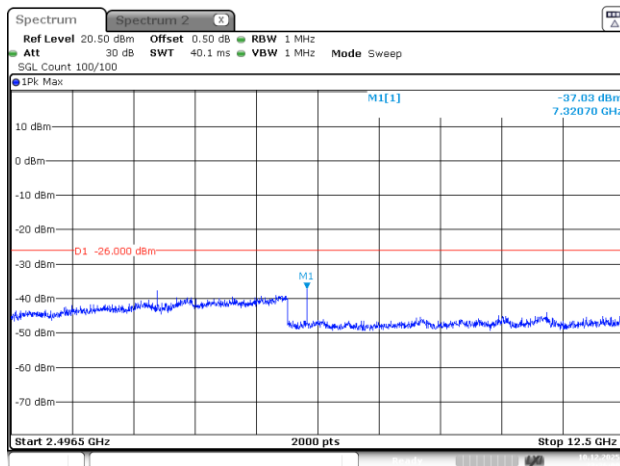
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:35:26

BLE 2Mbps_Middle Channel(2.4835GHz~2.4965GHz)



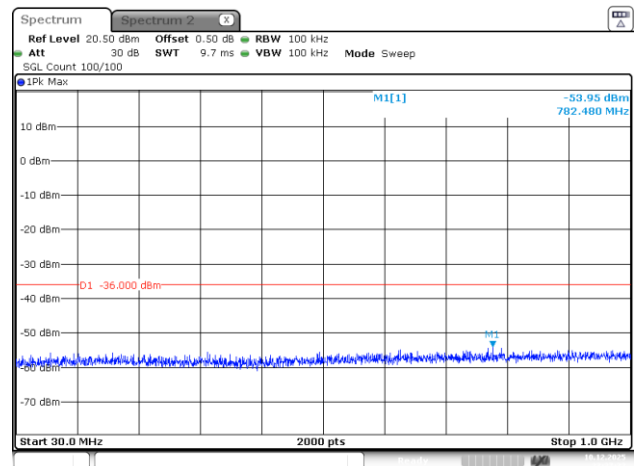
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:35:39

BLE 2Mbps_Middle Channel(2.4965GHz~12.5GHz)



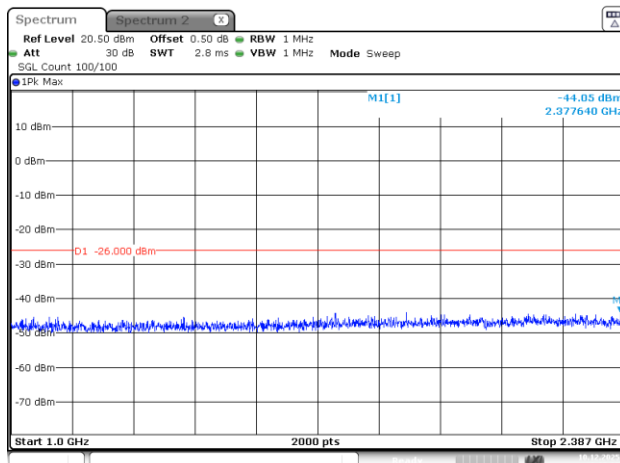
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:36:09

BLE 2Mbps_High Channel(30MHz~1GHz)



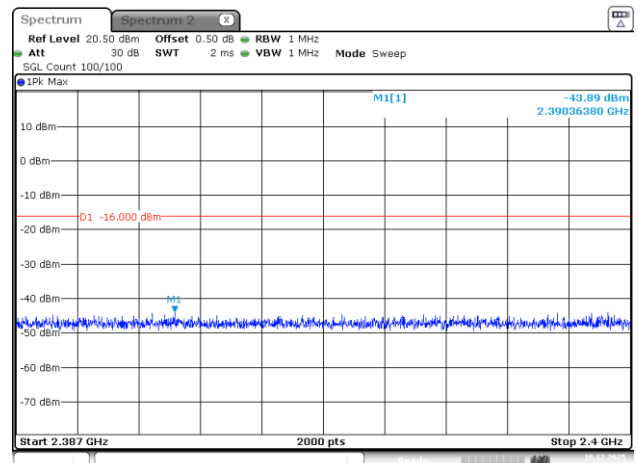
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:37:23

BLE 2Mbps_High Channel(1GHz~2.387GHz)



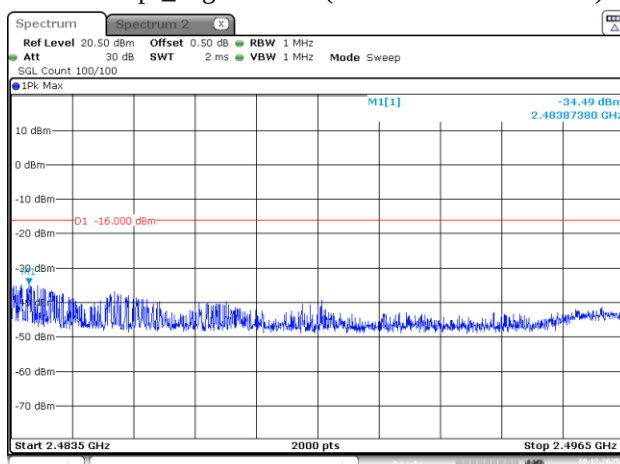
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:37:37

BLE 2Mbps_High Channel(2.387GHz~2.4GHz)



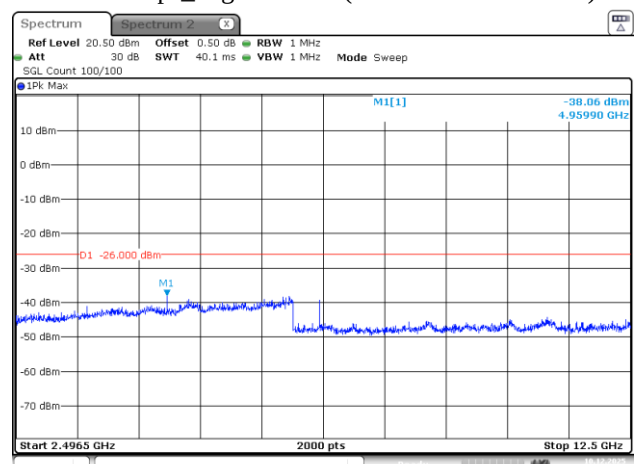
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:37:50

BLE 2Mbps_High Channel(2.4835GHz~2.4965GHz)

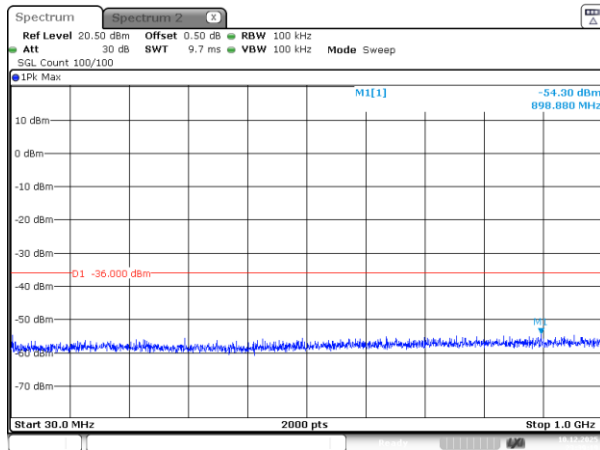


ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:38:04

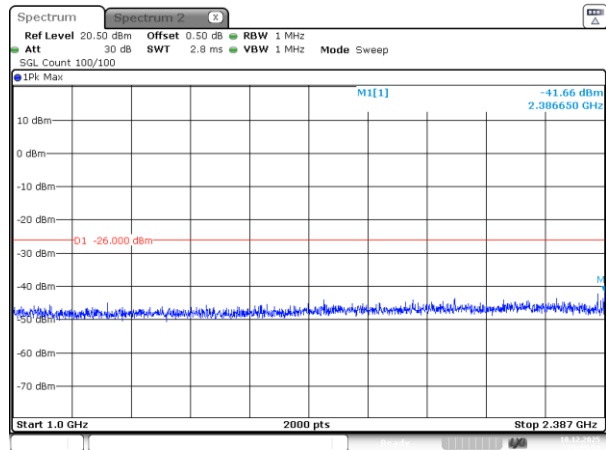
BLE 2Mbps_High Channel(2.4965GHz~12.5GHz)



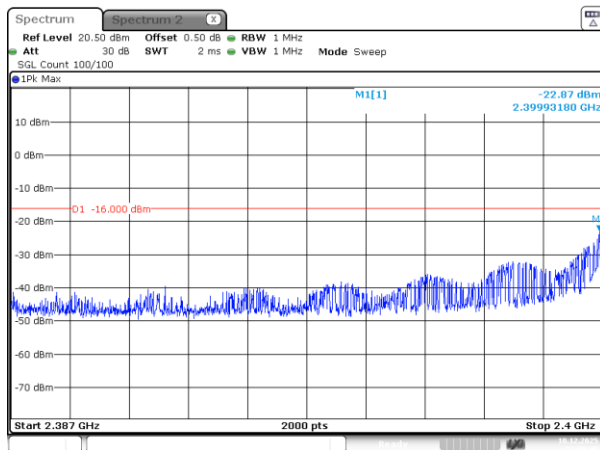
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:38:35

Test Condition: HV**BLE 1Mbps_Low Channel(30MHz~1GHz)**

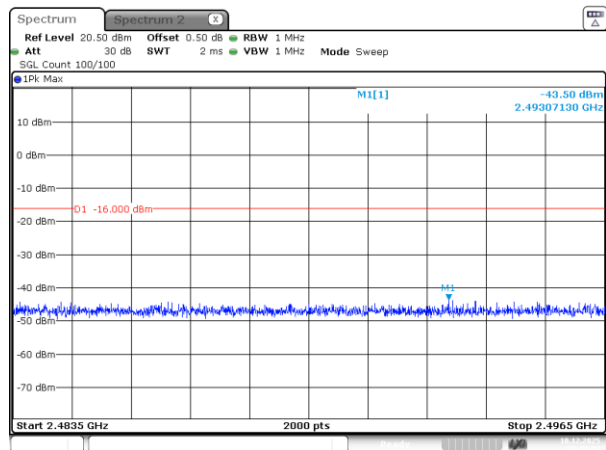
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:39:19

BLE 1Mbps_Low Channel(1GHz~2.387GHz)

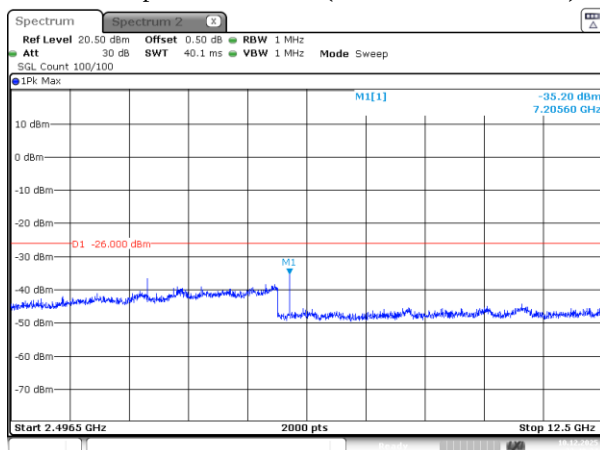
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:39:34

BLE 1Mbps_Low Channel(2.387GHz~2.4GHz)

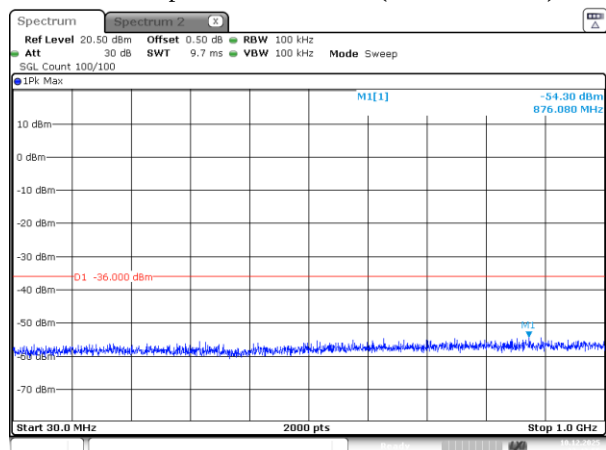
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:39:48

BLE 1Mbps_Low Channel(2.4835GHz~2.4965GHz)

ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:40:03

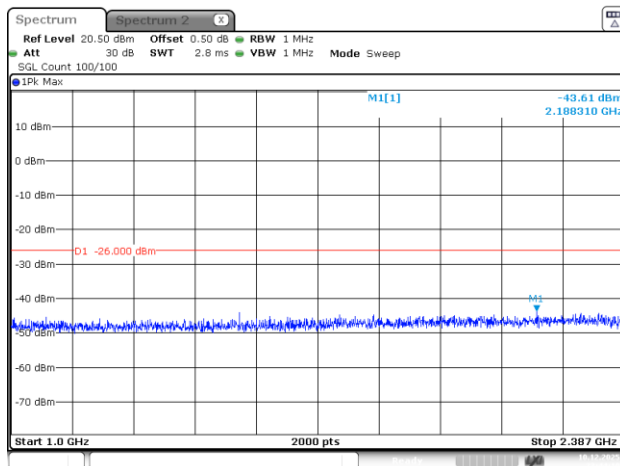
BLE 1Mbps_Low Channel(2.4965GHz~12.5GHz)

ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:40:34

BLE 1Mbps_Middle Channel(30MHz~1GHz)

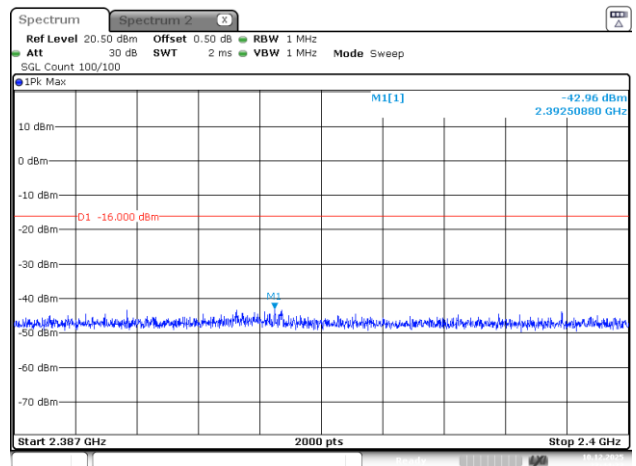
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:43:56

BLE 1Mbps_Middle Channel(1GHz~2.387GHz)



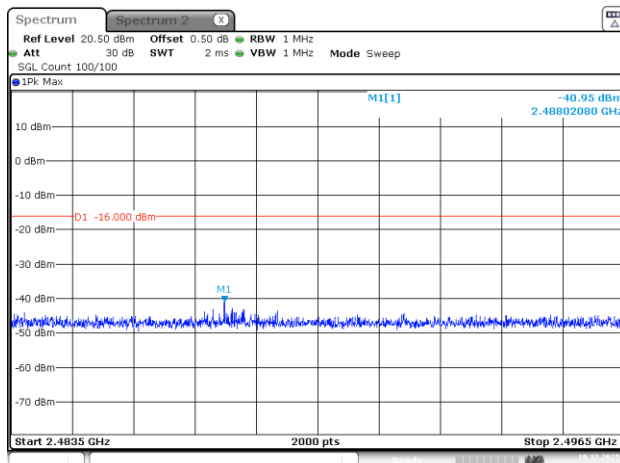
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:44:10

BLE 1Mbps_Middle Channel(2.387GHz~2.4GHz)



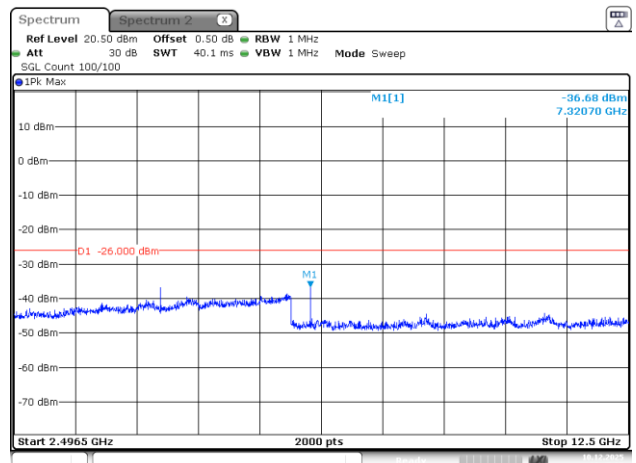
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:44:23

BLE 1Mbps_Middle Channel(2.4835GHz~2.4965GHz)



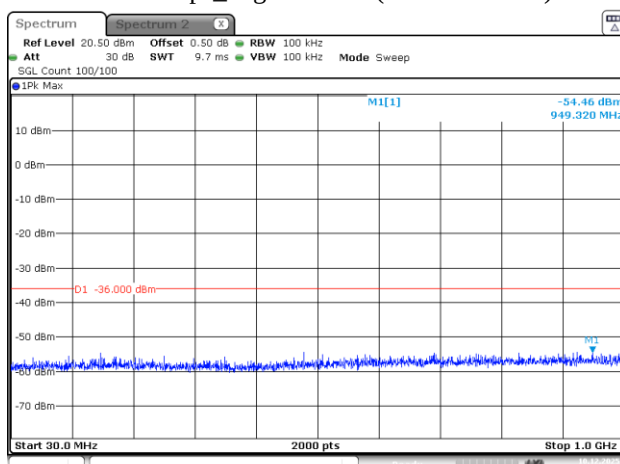
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:44:35

BLE 1Mbps_Middle Channel(2.4965GHz~12.5GHz)



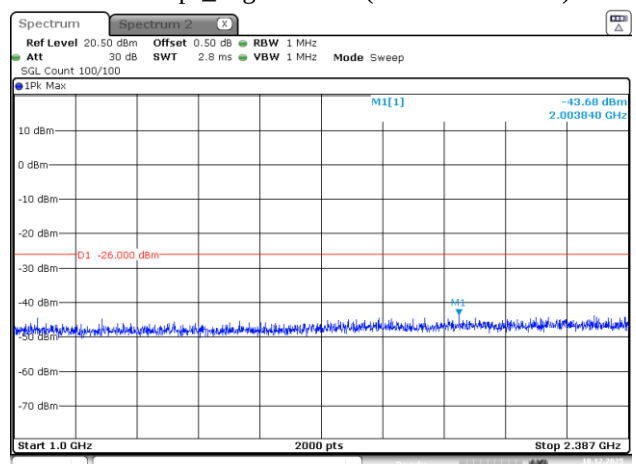
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:45:07

BLE 1Mbps_High Channel(30MHz~1GHz)



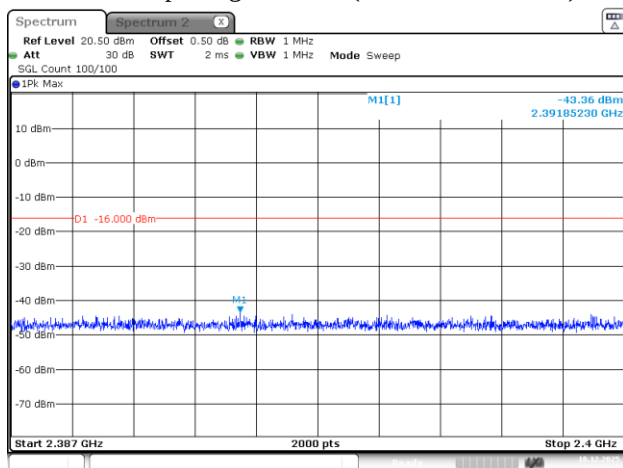
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:46:12

BLE 1Mbps_High Channel(1GHz~2.387GHz)



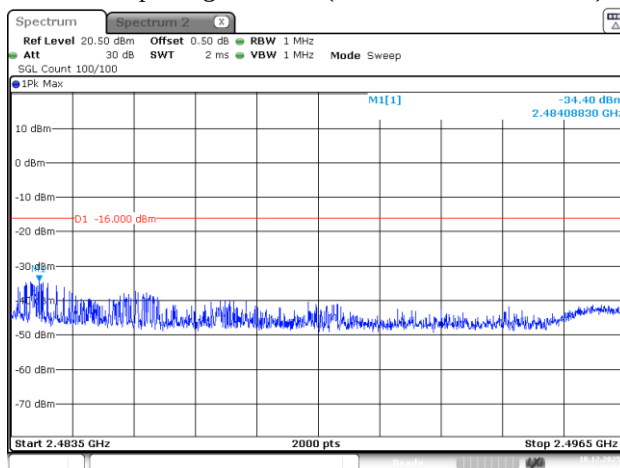
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10.DEC.2025 23:46:27

BLE 1Mbps_High Channel(2.387GHz~2.4GHz)



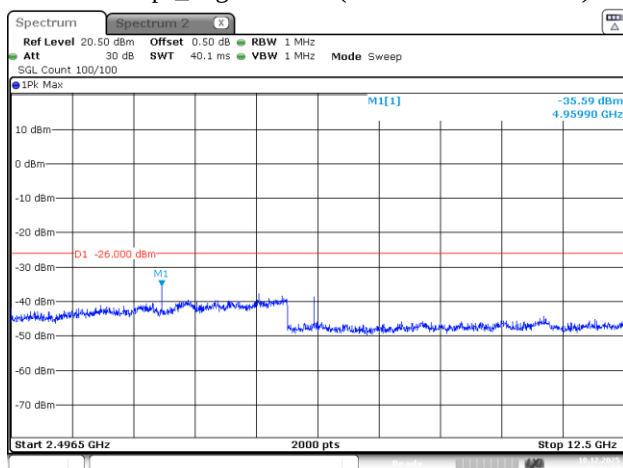
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:46:29

BLE 1Mbps_High Channel(2.4835GHz~2.4965GHz)



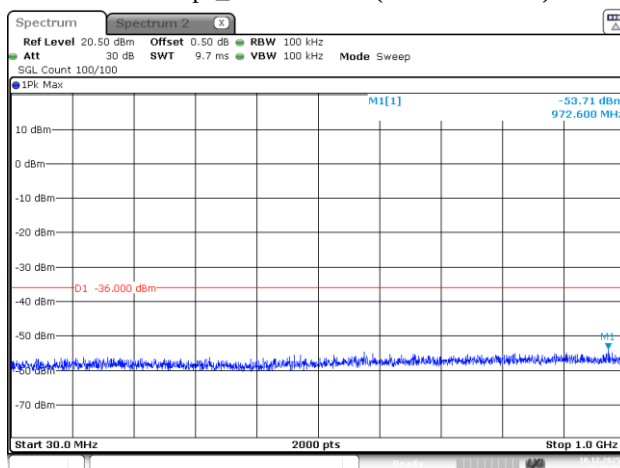
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:46:54

BLE 1Mbps_High Channel(2.4965GHz~12.5GHz)



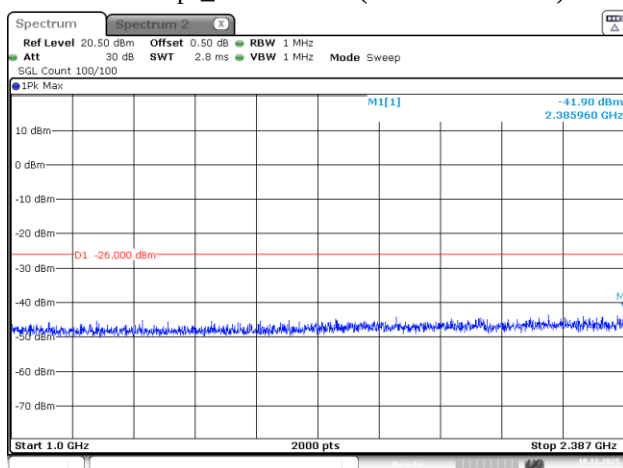
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:47:27

BLE 2Mbps_Low Channel(30MHz~1GHz)



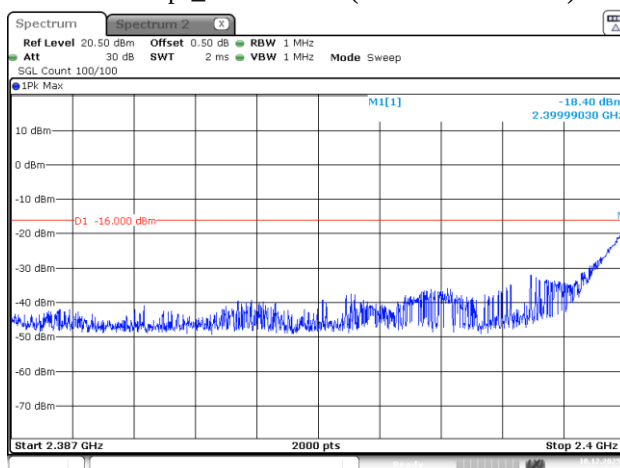
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:48:05

BLE 2Mbps_Low Channel(1GHz~2.387GHz)



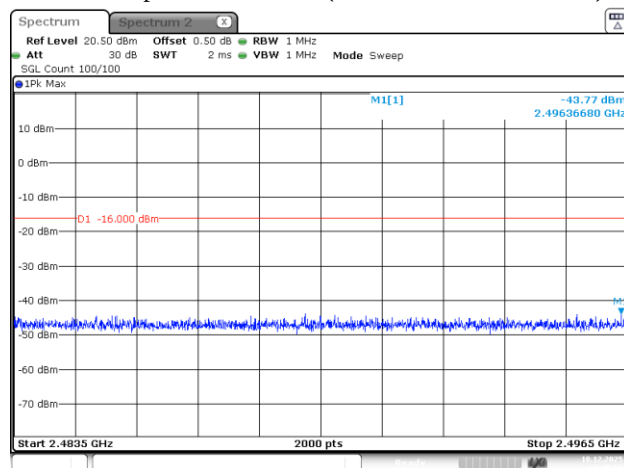
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:48:22

BLE 2Mbps_Low Channel(2.387GHz~2.4GHz)



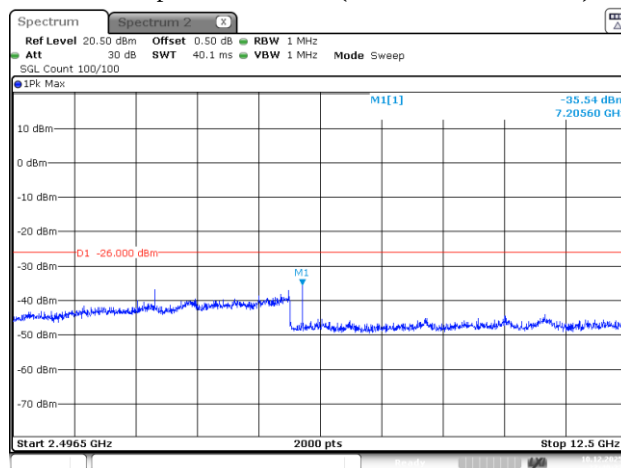
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:48:37

BLE 2Mbps_Low Channel(2.4835GHz~2.4965GHz)



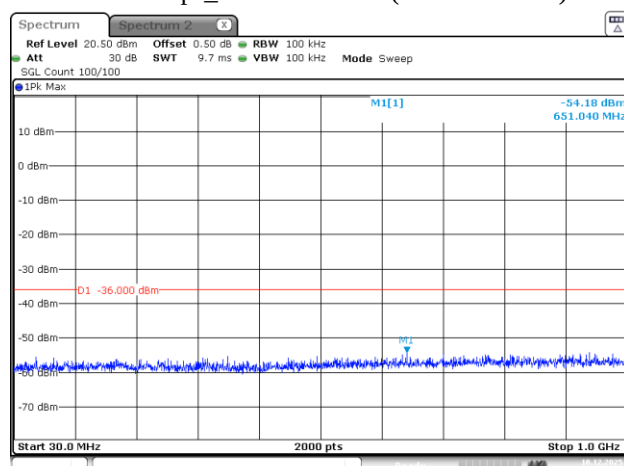
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:49:50

BLE 2Mbps_Low Channel(2.4965GHz~12.5GHz)



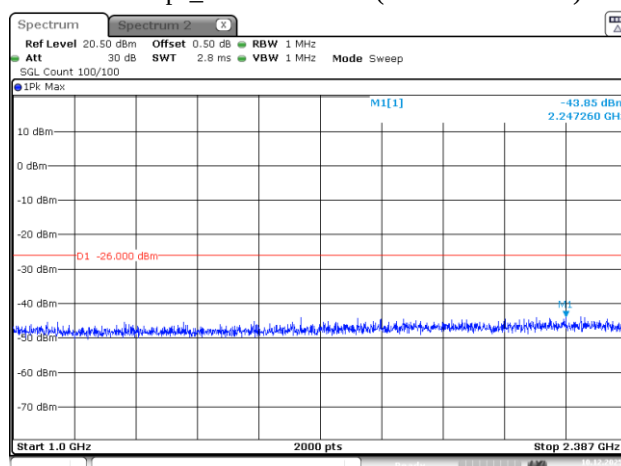
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:49:21

BLE 2Mbps_Middle Channel(30MHz~1GHz)



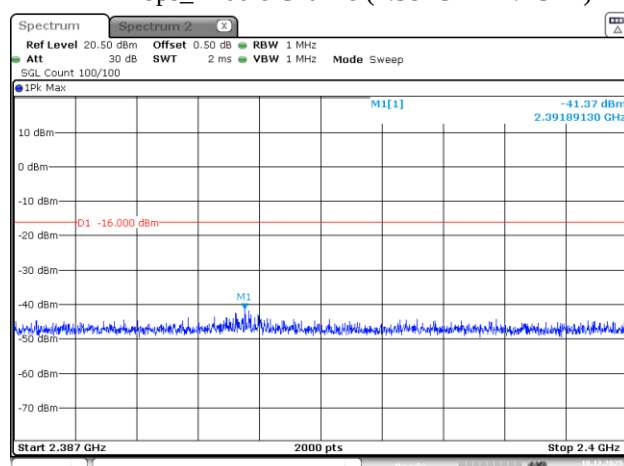
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:50:09

BLE 2Mbps_Middle Channel(1GHz~2.387GHz)



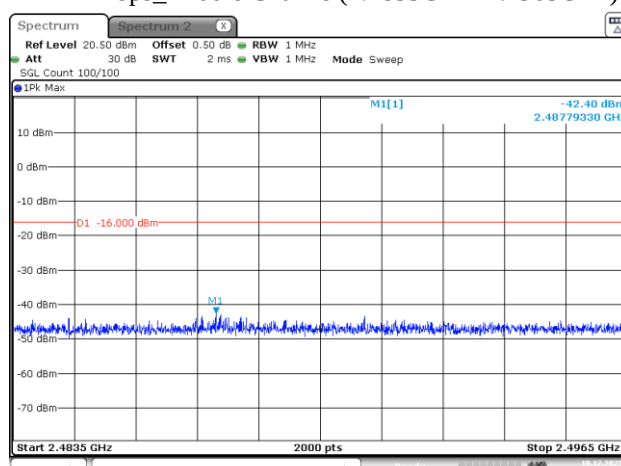
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:50:24

BLE 2Mbps_Middle Channel(2.387GHz~2.4GHz)



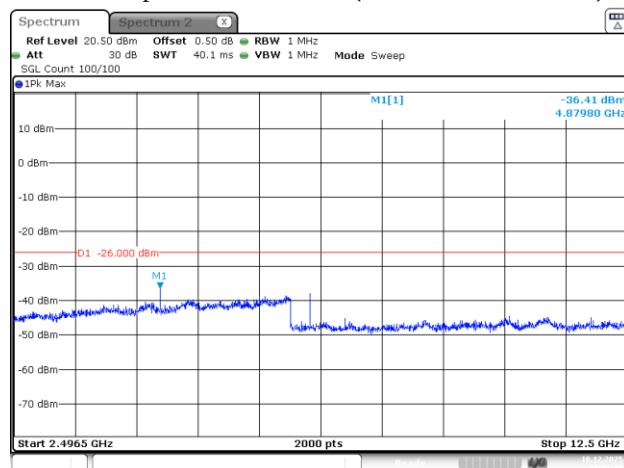
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:50:37

BLE 2Mbps_Middle Channel(2.4835GHz~2.4965GHz)



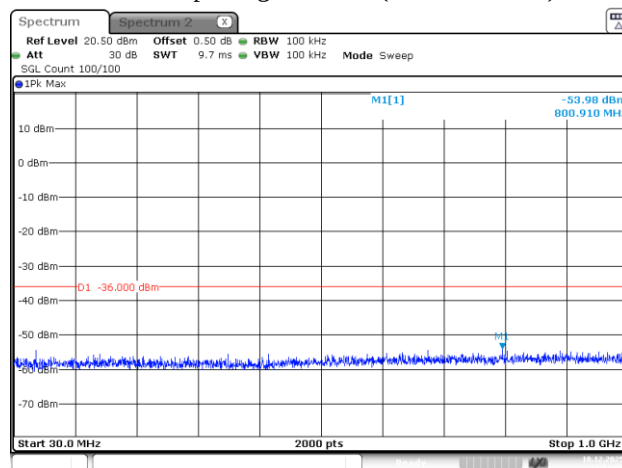
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:50:50

BLE 2Mbps_Middle Channel(2.4965GHz~12.5GHz)



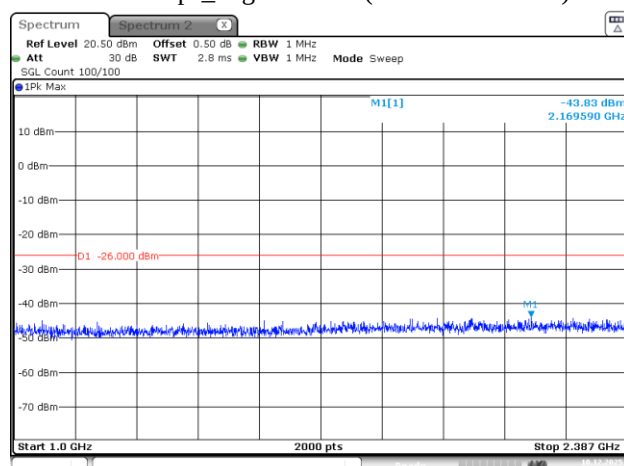
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:51:21

BLE 2Mbps_High Channel(30MHz~1GHz)



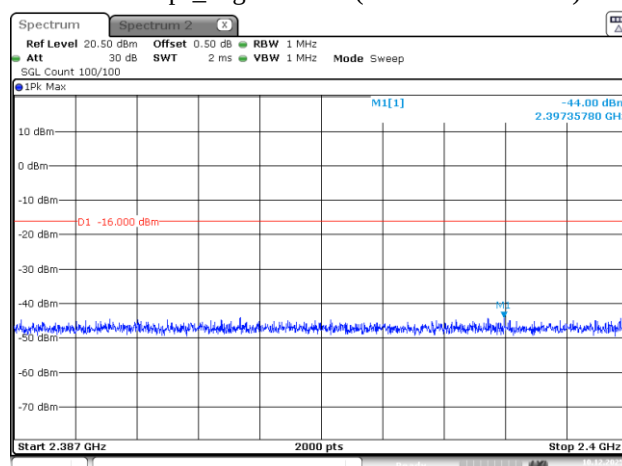
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:51:59

BLE 2Mbps_High Channel(1GHz~2.387GHz)



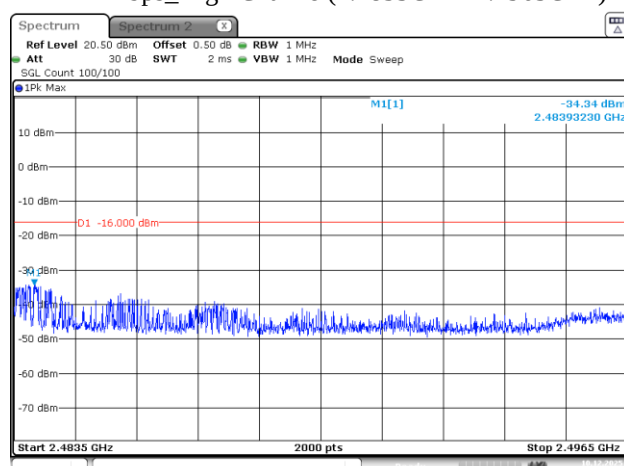
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:52:14

BLE 2Mbps_High Channel(2.387GHz~2.4GHz)



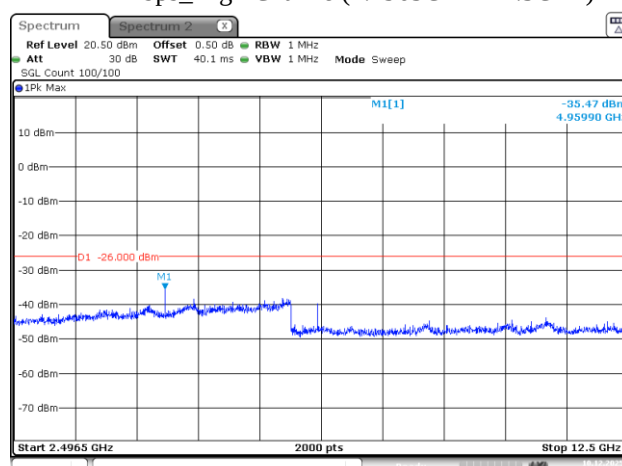
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:52:28

BLE 2Mbps_High Channel(2.4835GHz~2.4965GHz)



ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:52:41

BLE 2Mbps_High Channel(2.4965GHz~12.5GHz)



ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 10,DEC,2025 23:53:12

4.5 Antenna Output Power and Antenna Power Tolerance

Test Result: Compliant. Please refers to following tables and plots.

Test Mode: Transmitting

Test Results for Bluetooth Function 1 (for positioning uses):

Duty Cycle and Declared Power:

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Antenna Gain (dBi)	Declared Power (mW)
BLE 1Mbps	0.408	0.627	65.07	1.94	0.60
BLE 2Mbps	0.212	0.627	33.81		0.60

Antenna Output Power and Antenna Power Tolerance and EIRP:

Mode	Test Condition	Channel	Conducted Power (dBm)	Antenna Output Power (mW)		Antenna Output Tolerance (%)		EIRP (dBm)	
				Result	Limit	Result	Limit	Result	Limit
BLE 1Mbps	NV	Low	-4.68	0.523	≤ 10	-12.83	-80~+20	-0.87	≤ 12.14
		Middle	-5.45	0.438		-27.00		-1.65	
		High	-5.84	0.401		-33.17		-2.03	
	LV	Low	-4.62	0.530	≤ 10	-11.67	-80~+20	-0.82	≤ 12.14
		Middle	-5.40	0.443		-26.17		-1.60	
		High	-5.83	0.401		-33.17		-2.03	
	HV	Low	-4.66	0.526	≤ 10	-12.33	-80~+20	-0.85	≤ 12.14
		Middle	-5.44	0.439		-26.83		-1.64	
		High	-5.88	0.397		-33.83		-2.07	
BLE 2Mbps	NV	Low	-7.44	0.533	≤ 10	-11.17	-80~+20	-0.79	≤ 12.14
		Middle	-8.32	0.435		-27.50		-1.68	
		High	-8.67	0.402		-33.00		-2.02	
	LV	Low	-7.49	0.527	≤ 10	-12.17	-80~+20	-0.84	≤ 12.14
		Middle	-8.31	0.436		-27.33		-1.67	
		High	-8.63	0.405		-32.50		-1.99	
	HV	Low	-7.44	0.533	≤ 10	-11.17	-80~+20	-0.79	≤ 12.14
		Middle	-8.38	0.429		-28.50		-1.74	
		High	-8.77	0.393		-34.50		-2.12	

Note:

1. Antenna Output Power Tolerance = (Antenna Output Power(mW) - Declared Power(mW))/Declared Power(mW)*100%

2. Antenna Output Power (mW) = Conducted Power(mW)/Duty Cycle = $(10^{(Conducted\ Power(dBm)/10)})/Duty\ Cycle$

3. EIRP (dBm) = $10 * \log(Antenna\ Output\ Power\ (mW)) + Antenna\ Gain$

Test Results for Bluetooth Function 2 (for Imaging uses):**Duty Cycle and Declared Power:**

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Antenna Gain (dBi)	Declared Power (mW)
BLE 1Mbps	0.409	0.627	65.23	-0.49	2.20
BLE 2Mbps	0.215	0.629	34.18		2.20

Antenna Output Power and Antenna Power Tolerance and EIRP:

Mode	Test Condition	Channel	Conducted Power (dBm)	Antenna Output Power (mW)		Antenna Output Tolerance (%)		EIRP (dBm)	
				Result	Limit	Result	Limit	Result	Limit
BLE 1Mbps	NV	Low	1.47	2.151	≤ 10	-2.23	-80~+20	2.84	≤ 12.14
		Middle	0.79	1.839		-16.41		2.16	
		High	0.08	1.562		-29.00		1.45	
	LV	Low	1.41	2.121	≤ 10	-3.59	-80~+20	2.78	≤ 12.14
		Middle	0.69	1.797		-18.32		2.06	
		High	0.09	1.565		-28.86		1.46	
	HV	Low	1.45	2.141	≤ 10	-2.68	-80~+20	2.82	≤ 12.14
		Middle	0.88	1.877		-14.68		2.24	
		High	0.13	1.580		-28.18		1.50	
BLE 2Mbps	NV	Low	-1.32	2.159	≤ 10	-1.86	-80~+20	2.85	≤ 12.14
		Middle	-2.04	1.829		-16.86		2.13	
		High	-2.70	1.571		-28.59		1.47	
	LV	Low	-1.39	2.124	≤ 10	-3.45	-80~+20	2.78	≤ 12.14
		Middle	-2.00	1.846		-16.09		2.17	
		High	-2.76	1.550		-29.55		1.41	
	HV	Low	-1.38	2.129	≤ 10	-3.23	-80~+20	2.79	≤ 12.14
		Middle	-1.99	1.850		-15.91		2.18	
		High	-2.85	1.518		-31.00		1.32	

Note:

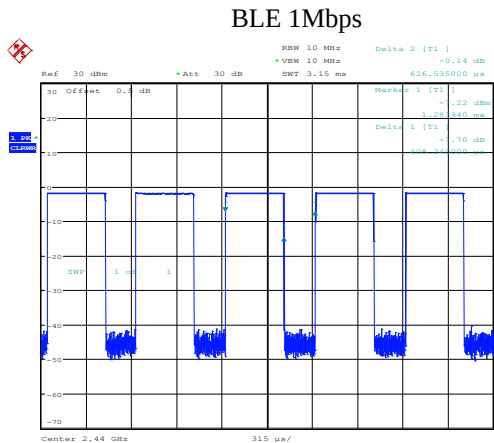
1. Antenna Output Power Tolerance = (Antenna Output Power(mW) - Declared Power(mW))/Declared Power(mW)*100%
2. Antenna Output Power (mW) = Conducted Power(mW)/Duty Cycle = $(10^{\wedge}(\text{Conducted Power(dBm)/10}))/\text{Duty Cycle}$
3. EIRP (dBm) = $10*\log(\text{Antenna Output Power (mW)}) + \text{Antenna Gain}$

Test plots as following:

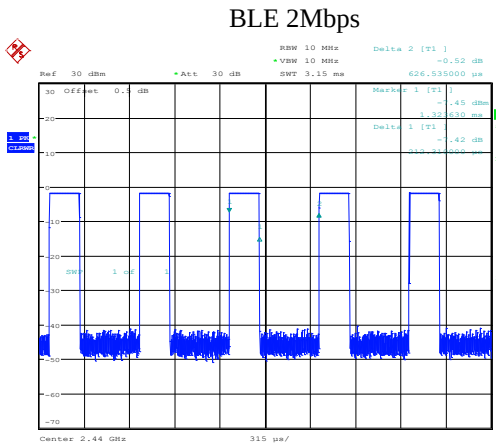
Duty Cycle:

Test Plots for Bluetooth Function 1 (for positioning uses):

Test Condition: NV



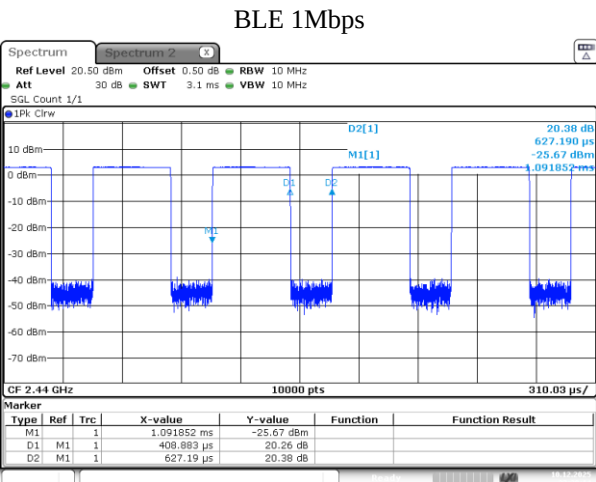
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 19:33:10



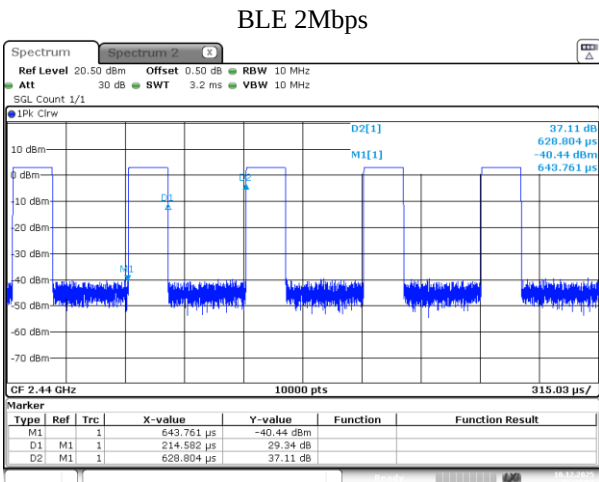
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 19:34:05

Test Plots for Bluetooth Function 2 (for Imaging uses):

Test Condition: NV



ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 22:30:14



ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 22:32:57

4.6 Receiver Spurious Emission and Unwanted Emission Intensity

Test Result: Compliant, please see the below tables and plots

Test Mode: Receiving

Test Results for Bluetooth Function 1 (for positioning uses):

Test Condition: NV

Mode	Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm)	Result (nW)	Limit (nW)	Verdict
			Start(MHz)	Stop(MHz)					
BLE 1Mbps	Low	Band I (100kHz)	30	1000	685.623	-73.79	0.042	4	Pass
		Band II (1MHz)	1000	12500	2479.475	-58.35	1.462	20	Pass
	Middle	Band I (100kHz)	30	1000	744.017	-74.02	0.040	4	Pass
		Band II (1MHz)	1000	12500	2612.3	-60.58	0.875	20	Pass
	High	Band I (100kHz)	30	1000	636.153	-74.20	0.038	4	Pass
		Band II (1MHz)	1000	12500	2401.85	-52.63	5.458	20	Pass
BLE 2Mbps	Low	Band I (100kHz)	30	1000	945.389	-73.78	0.042	4	Pass
		Band II (1MHz)	1000	12500	2401.85	-52.66	5.420	20	Pass
	Middle	Band I (100kHz)	30	1000	481.7775	-74.23	0.038	4	Pass
		Band II (1MHz)	1000	12500	1938.975	-55.10	3.090	20	Pass
	High	Band I (100kHz)	30	1000	222.7875	-74.01	0.040	4	Pass
		Band II (1MHz)	1000	12500	3177.525	-64.59	0.348	20	Pass

Test Condition: LV

Mode	Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm)	Result (nW)	Limit (nW)	Verdict
			Start(MHz)	Stop(MHz)					
BLE 1Mbps	Low	Band I (100kHz)	30	1000	315.6165	-74.16	0.038	4	Pass
		Band II (1MHz)	1000	12500	5173.925	-63.83	0.414	20	Pass
	Middle	Band I (100kHz)	30	1000	955.768	-74.20	0.038	4	Pass
		Band II (1MHz)	1000	12500	3176.95	-65.05	0.313	20	Pass
	High	Band I (100kHz)	30	1000	253.8275	-74.61	0.035	4	Pass
		Band II (1MHz)	1000	12500	2531.8	-47.66	17.140	20	Pass
BLE 2Mbps	Low	Band I (100kHz)	30	1000	666.2715	-73.23	0.048	4	Pass
		Band II (1MHz)	1000	12500	3498.95	-54.28	3.733	20	Pass
	Middle	Band I (100kHz)	30	1000	272.306	-73.89	0.041	4	Pass
		Band II (1MHz)	1000	12500	3175.8	-64.15	0.385	20	Pass
	High	Band I (100kHz)	30	1000	951.2575	-73.46	0.045	4	Pass
		Band II (1MHz)	1000	12500	3172.925	-65.58	0.277	20	Pass

Test Condition: HV

Mode	Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm)	Result (nW)	Limit (nW)	Verdict
			Start(MHz)	Stop(MHz)					
BLE 1Mbps	Low	Band I (100kHz)	30	1000	784.757	-74.15	0.038	4	Pass
		Band II (1MHz)	1000	12500	3176.375	-64.09	0.390	20	Pass
	Middle	Band I (100kHz)	30	1000	405.972	-74.36	0.037	4	Pass
		Band II (1MHz)	1000	12500	3172.925	-64.87	0.326	20	Pass
	High	Band I (100kHz)	30	1000	905.1825	-74.05	0.039	4	Pass
		Band II (1MHz)	1000	12500	3176.375	-62.99	0.502	20	Pass
BLE 2Mbps	Low	Band I (100kHz)	30	1000	252.033	-73.46	0.045	4	Pass
		Band II (1MHz)	1000	12500	3175.225	-64.76	0.334	20	Pass
	Middle	Band I (100kHz)	30	1000	927.2015	-73.69	0.043	4	Pass
		Band II (1MHz)	1000	12500	3175.8	-64.78	0.333	20	Pass
	High	Band I (100kHz)	30	1000	275.022	-73.84	0.041	4	Pass
		Band II (1MHz)	1000	12500	3174.075	-63.04	0.497	20	Pass

Test Results for Bluetooth Function 2 (for Imaging uses):**Test Condition: NV**

Mode	Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm)	Result (nW)	Limit (nW)	Verdict
			Start(MHz)	Stop(MHz)					
BLE 1Mbps	Low	Band I (100kHz)	30	1000	675.123	-74.10	0.039	4	Pass
		Band II (1MHz)	1000	12500	6990.64	-58.36	1.459	20	Pass
	Middle	Band I (100kHz)	30	1000	713.147	-74.25	0.038	4	Pass
		Band II (1MHz)	1000	12500	6969.94	-58.24	1.500	20	Pass
	High	Band I (100kHz)	30	1000	809.371	-74.26	0.037	4	Pass
		Band II (1MHz)	1000	12500	6488.09	-58.09	1.552	20	Pass
BLE 2Mbps	Low	Band I (100kHz)	30	1000	878.483	-74.24	0.038	4	Pass
		Band II (1MHz)	1000	12500	6873.91	-58.32	1.472	20	Pass
	Middle	Band I (100kHz)	30	1000	764.605	-74.16	0.038	4	Pass
		Band II (1MHz)	1000	12500	6927.39	-58.24	1.500	20	Pass
	High	Band I (100kHz)	30	1000	934.695	-74.31	0.037	4	Pass
		Band II (1MHz)	1000	12500	6936.01	-58.23	1.503	20	Pass

Test Condition: LV

Mode	Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm)	Result (nW)	Limit (nW)	Verdict
			Start(MHz)	Stop(MHz)					
BLE 1Mbps	Low	Band I (100kHz)	30	1000	876.349	-74.08	0.039	4	Pass
		Band II (1MHz)	1000	12500	6866.44	-58.61	1.377	20	Pass
	Middle	Band I (100kHz)	30	1000	901.181	-74.87	0.033	4	Pass
		Band II (1MHz)	1000	12500	6967.06	-58.01	1.581	20	Pass
	High	Band I (100kHz)	30	1000	954.871	-74.24	0.038	4	Pass
		Band II (1MHz)	1000	12500	6903.24	-58.32	1.472	20	Pass
BLE 2Mbps	Low	Band I (100kHz)	30	1000	971.167	-74.71	0.034	4	Pass
		Band II (1MHz)	1000	12500	6940.61	-58.21	1.510	20	Pass
	Middle	Band I (100kHz)	30	1000	870.481	-74.58	0.035	4	Pass
		Band II (1MHz)	1000	12500	6567.44	-58.75	1.334	20	Pass
	High	Band I (100kHz)	30	1000	618.523	-74.44	0.036	4	Pass
		Band II (1MHz)	1000	12500	6988.91	-58.58	1.387	20	Pass

Test Condition: HV

Mode	Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm)	Result (nW)	Limit (nW)	Verdict
			Start(MHz)	Stop(MHz)					
BLE 1Mbps	Low	Band I (100kHz)	30	1000	846.425	-74.64	0.034	4	Pass
		Band II (1MHz)	1000	12500	6934.29	-57.92	1.614	20	Pass
	Middle	Band I (100kHz)	30	1000	812.523	-74.27	0.037	4	Pass
		Band II (1MHz)	1000	12500	6911.86	-58.15	1.531	20	Pass
	High	Band I (100kHz)	30	1000	610.472	-74.51	0.035	4	Pass
		Band II (1MHz)	1000	12500	6994.66	-58.27	1.489	20	Pass
BLE 2Mbps	Low	Band I (100kHz)	30	1000	901.181	-74.43	0.036	4	Pass
		Band II (1MHz)	1000	12500	6968.79	-58.68	1.355	20	Pass
	Middle	Band I (100kHz)	30	1000	811.65	-74.48	0.036	4	Pass
		Band II (1MHz)	1000	12500	6909.56	-58.06	1.563	20	Pass
	High	Band I (100kHz)	30	1000	948.081	-73.76	0.042	4	Pass
		Band II (1MHz)	1000	12500	6969.94	-57.84	1.644	20	Pass

Test Plots for Bluetooth Function 1 (for positioning uses):

BLE 1Mbps_Low Channel(30MHz~1GHz)



ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 21:02:05

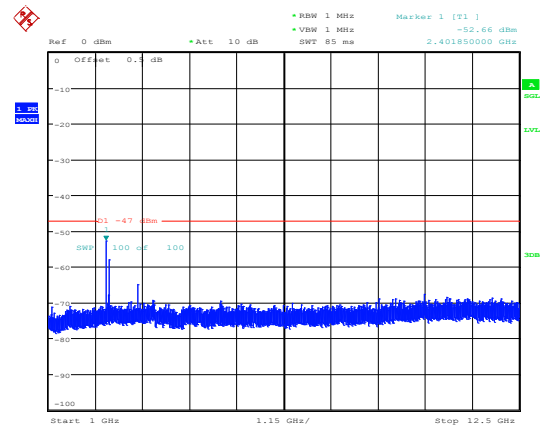
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 21:02:50

ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 21:03:32

ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 21:04:08

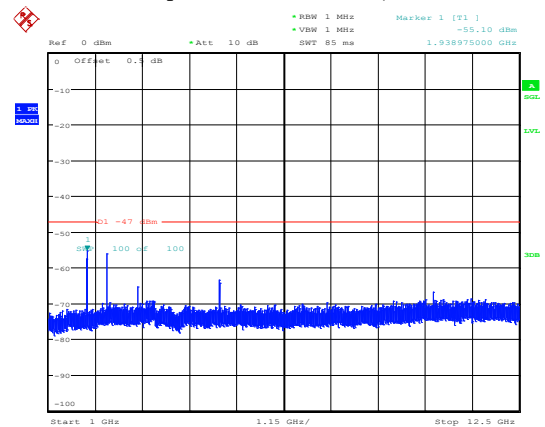
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 21:04:50

BLE 2Mbps_Low Channel(1GHz~12.5GHz)



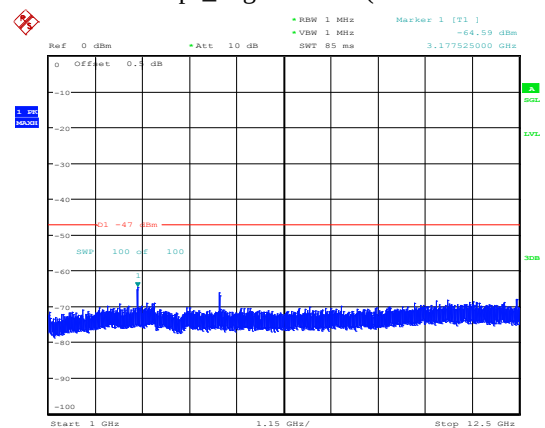
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 21:06:15

BLE 2Mbps_Middle Channel(1GHz~12.5GHz)



ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 21:07:31

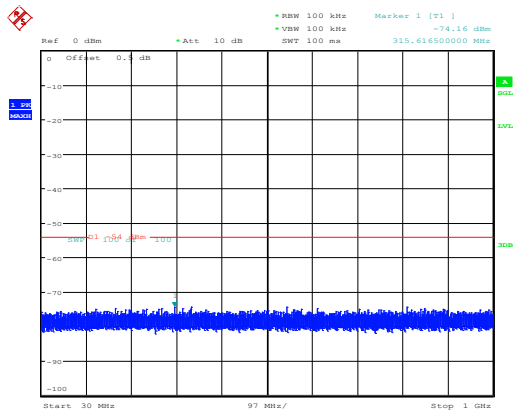
BLE 2Mbps_High Channel(1GHz~12.5GHz)



ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 21:08:47

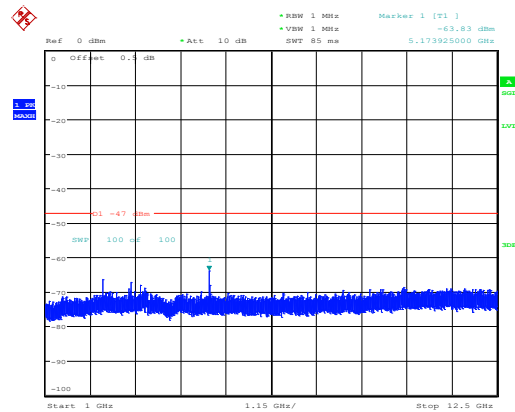
Test Condition: LV

BLE 1Mbps_Low Channel(30MHz~1GHz)



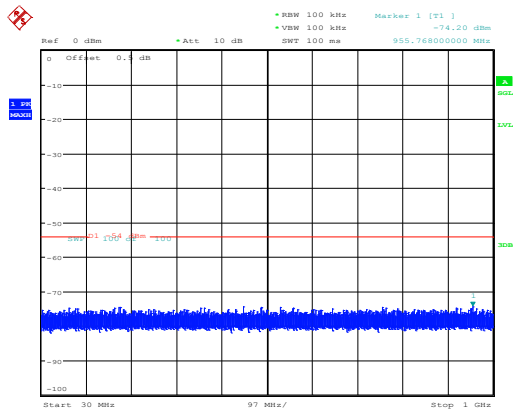
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 21:09:30

BLE 1Mbps_Low Channel(1GHz~12.5GHz)



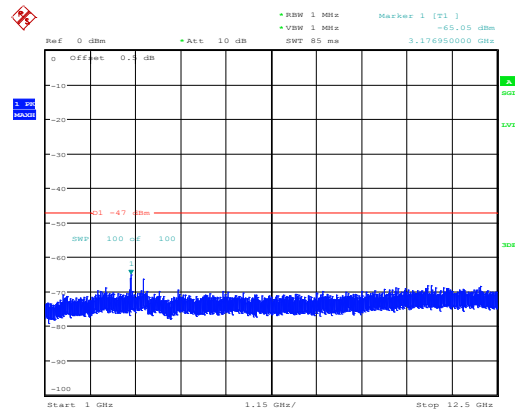
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 21:10:11

BLE 1Mbps_Middle Channel(30MHz~1GHz)



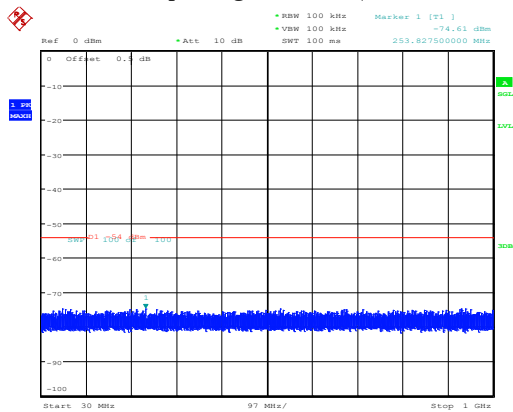
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 21:11:37

BLE 1Mbps_Middle Channel(1GHz~12.5GHz)



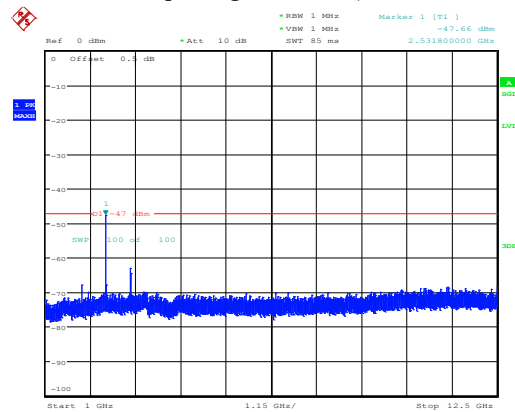
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 21:12:18

BLE 1Mbps_High Channel(30MHz~1GHz)



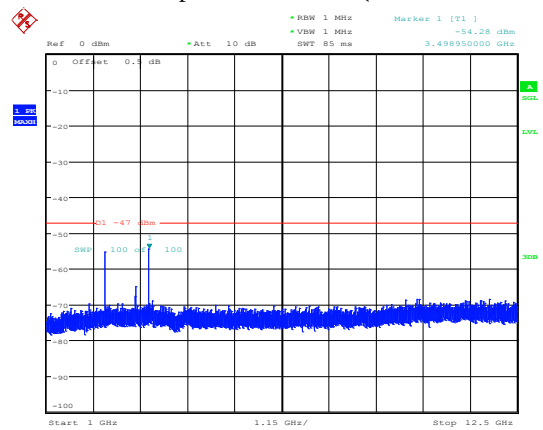
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 21:12:52

BLE 1Mbps_High Channel(1GHz~12.5GHz)



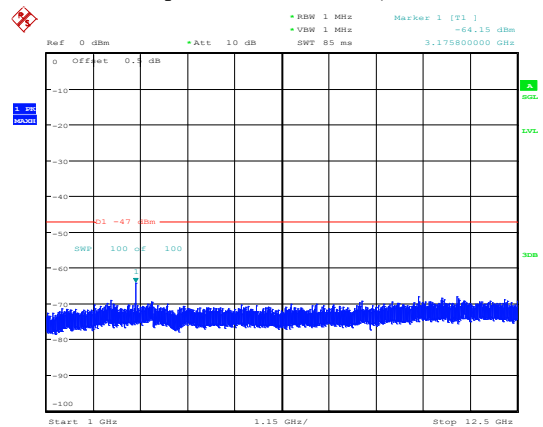
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 21:13:34

BLE 2Mbps_Low Channel(1GHz~12.5GHz)



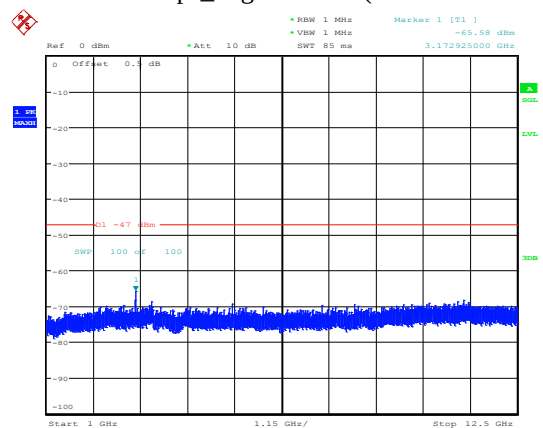
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 21:15:07

BLE 2Mbps_Middle Channel(1GHz~12.5GHz)

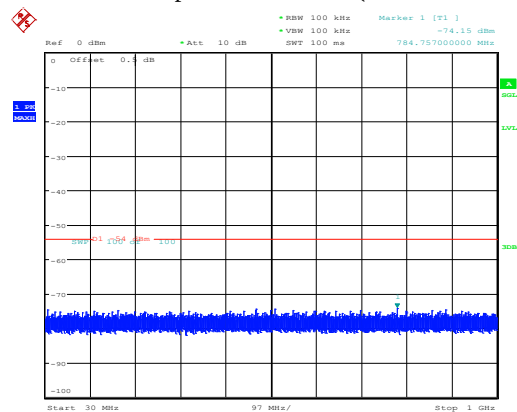


ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 21:16:37

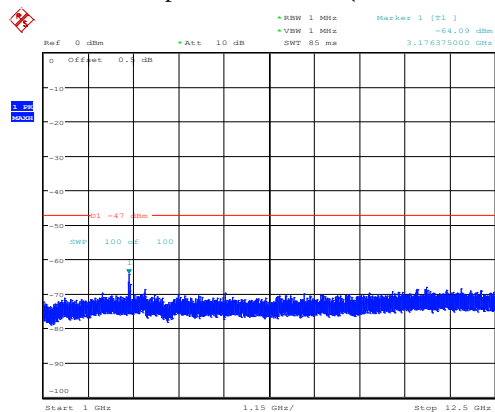
BLE 2Mbps_High Channel(1GHz~12.5GHz)



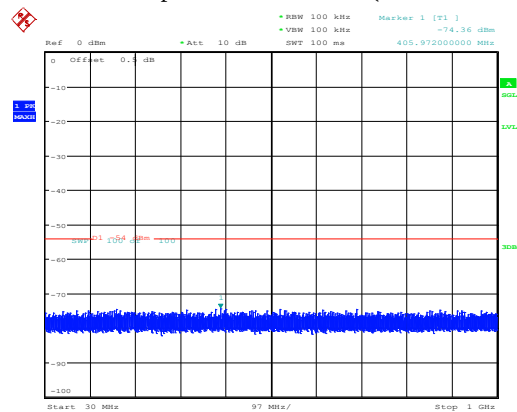
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 21:18:04

Test Condition: HV**BLE 1Mbps_Low Channel(30MHz~1GHz)**

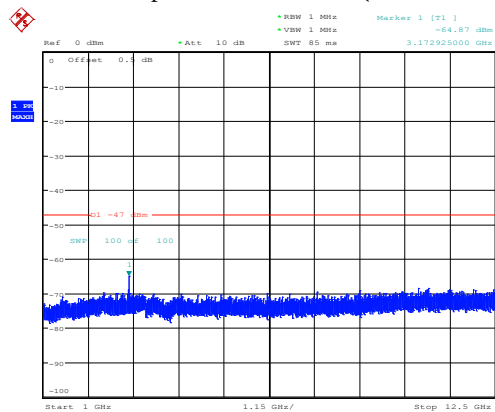
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 21:18:44

BLE 1Mbps_Low Channel(1GHz~12.5GHz)

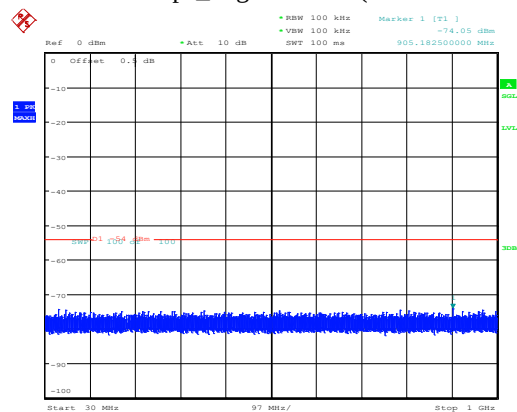
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 21:19:26

BLE 1Mbps_Middle Channel(30MHz~1GHz)

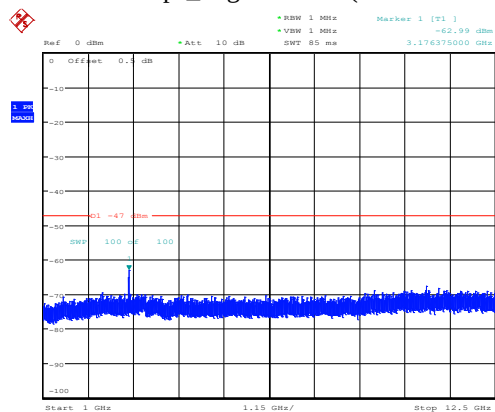
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 21:20:05

BLE 1Mbps_Middle Channel(1GHz~12.5GHz)

ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 21:20:47

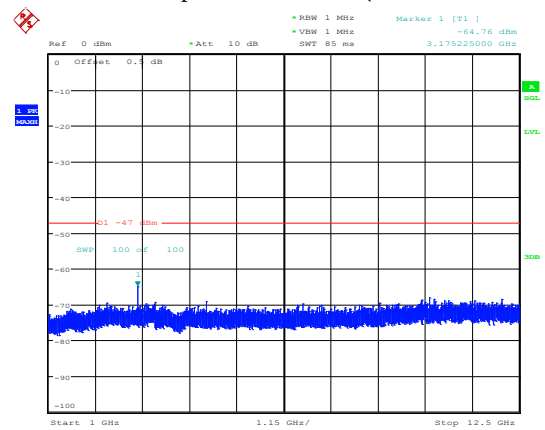
BLE 1Mbps_High Channel(30MHz~1GHz)

ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 21:21:21

BLE 1Mbps_High Channel(1GHz~12.5GHz)

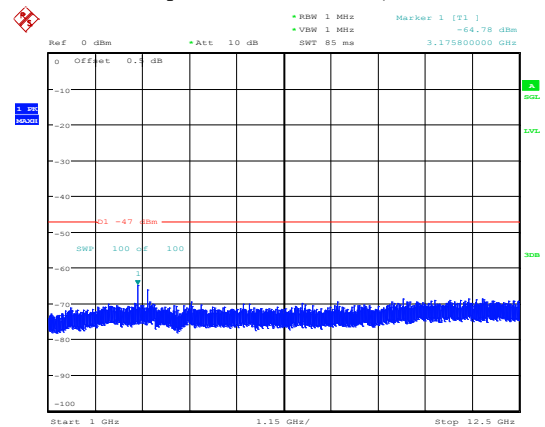
ProjectNo.:2503A20039E-RF Tester:Soey Song
Date: 10.DEC.2025 21:22:03

BLE 2Mbps_Low Channel(1GHz~12.5GHz)



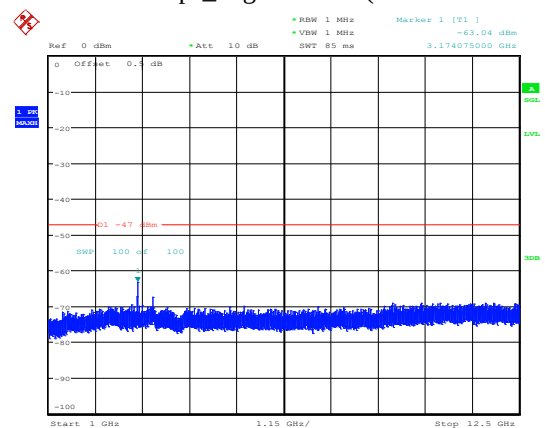
ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 21:23:19

BLE 2Mbps_Middle Channel(1GHz~12.5GHz)



ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 21:24:36

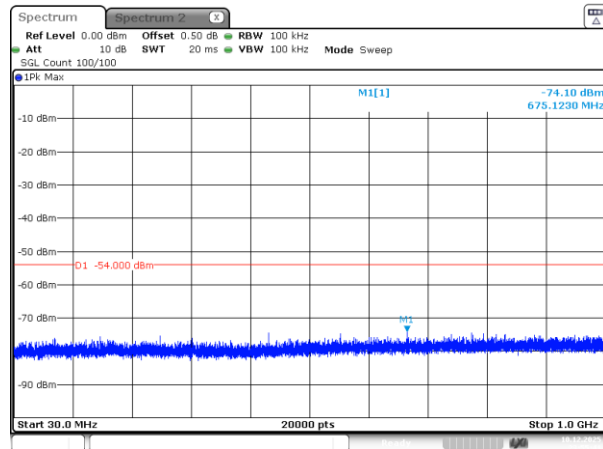
BLE 2Mbps_High Channel(1GHz~12.5GHz)



ProjectNo.:2503A20039E-RF Tester:Zoey Song
Date: 10.DEC.2025 21:25:54

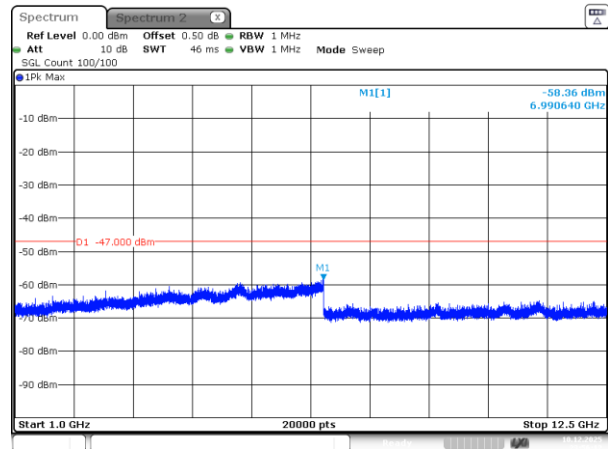
Test Plots for Bluetooth Function 2 (for Imaging uses):**Test Condition: NV**

BLE 1Mbps_Low Channel(30MHz~1GHz)



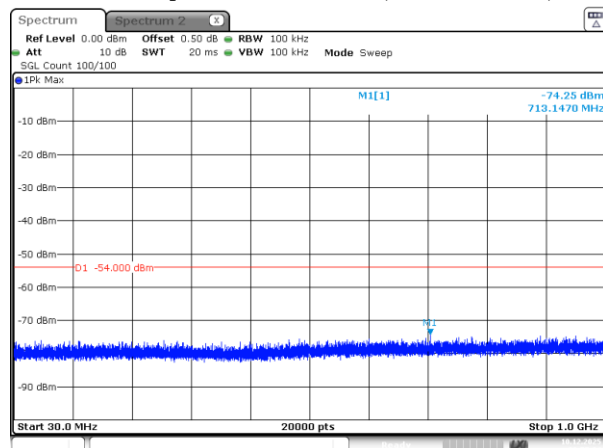
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:55:41

BLE 1Mbps_Low Channel(1GHz~12.5GHz)



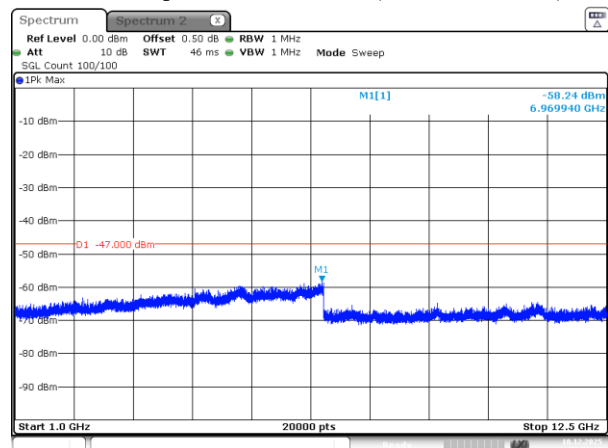
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:56:12

BLE 1Mbps_Middle Channel(30MHz~1GHz)



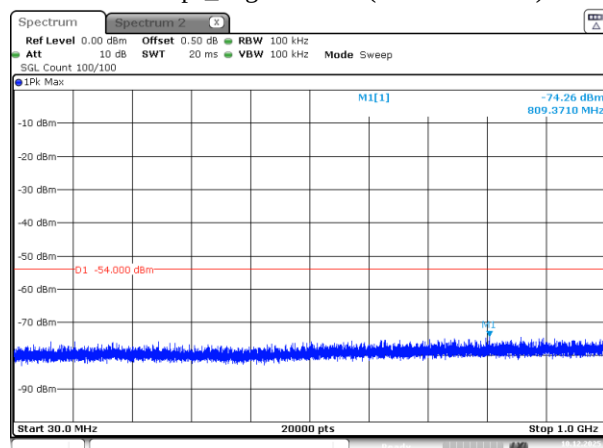
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:57:34

BLE 1Mbps_Middle Channel(1GHz~12.5GHz)



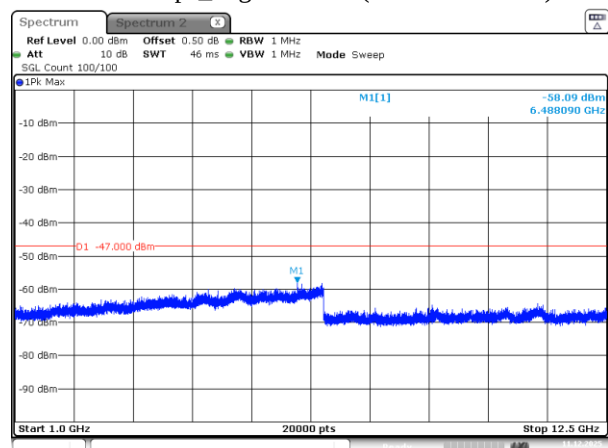
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:58:05

BLE 1Mbps_High Channel(30MHz~1GHz)



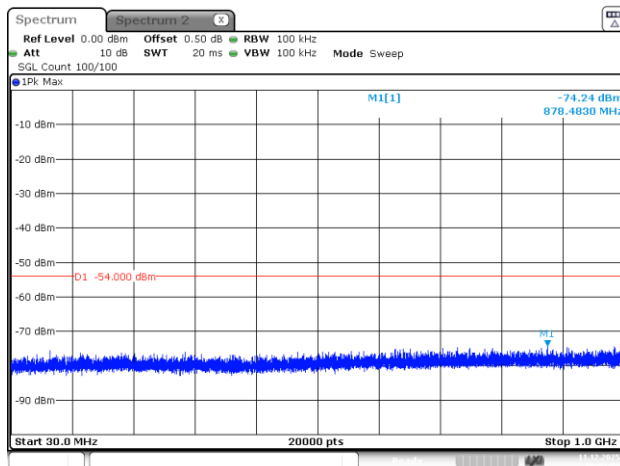
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 10. DEC. 2025 23:59:34

BLE 1Mbps_High Channel(1GHz~12.5GHz)



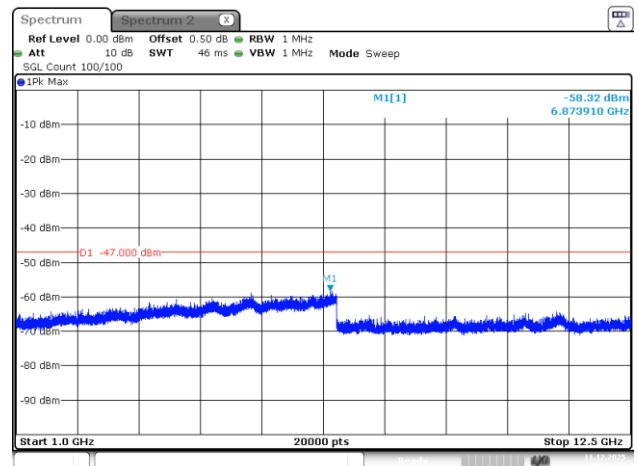
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 11. DEC. 2025 00:00:05

BLE 2Mbps_Low Channel(30MHz~1GHz)



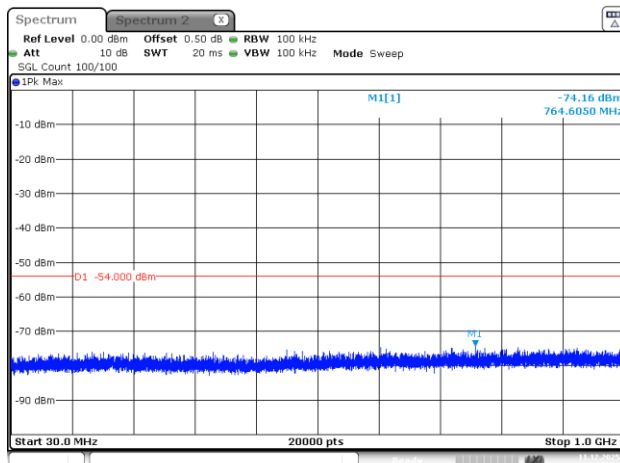
ProjectNo.:2503A20039E-RF Tester:ZoeY Sang
Date: 11.DEC.2025 00:01:03

BLE 2Mbps_Low Channel(1GHz~12.5GHz)



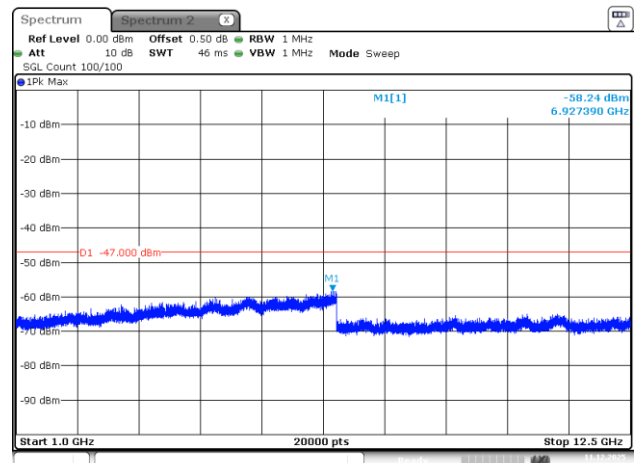
ProjectNo.:2503A20039E-RF Tester:ZoeY Sang
Date: 11.DEC.2025 00:01:35

BLE 2Mbps_Middle Channel(30MHz~1GHz)



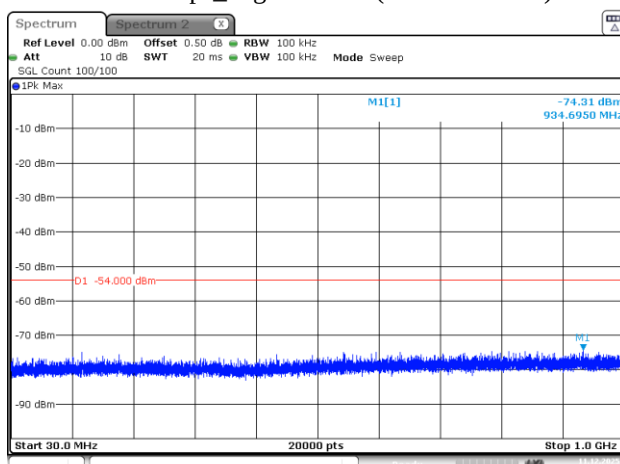
ProjectNo.:2503A20039E-RF Tester:ZoeY Sang
Date: 11.DEC.2025 00:02:21

BLE 2Mbps_Middle Channel(1GHz~12.5GHz)



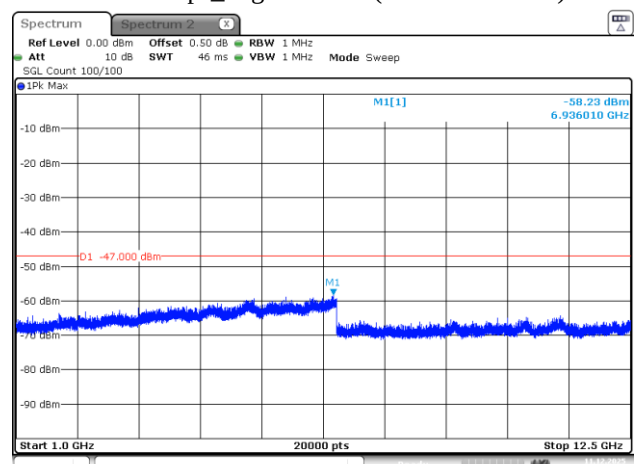
ProjectNo.:2503A20039E-RF Tester:ZoeY Sang
Date: 11.DEC.2025 00:02:53

BLE 2Mbps_High Channel(30MHz~1GHz)

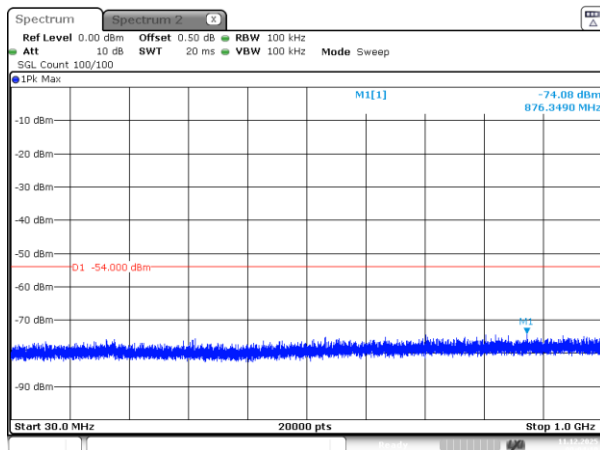


ProjectNo.:2503A20039E-RF Tester:ZoeY Sang
Date: 11.DEC.2025 00:03:17

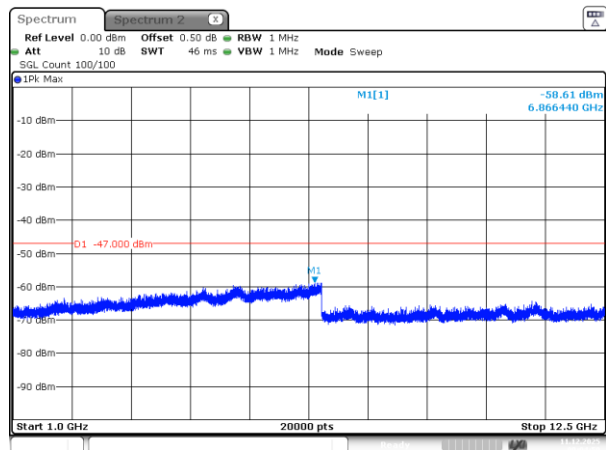
BLE 2Mbps_High Channel(1GHz~12.5GHz)



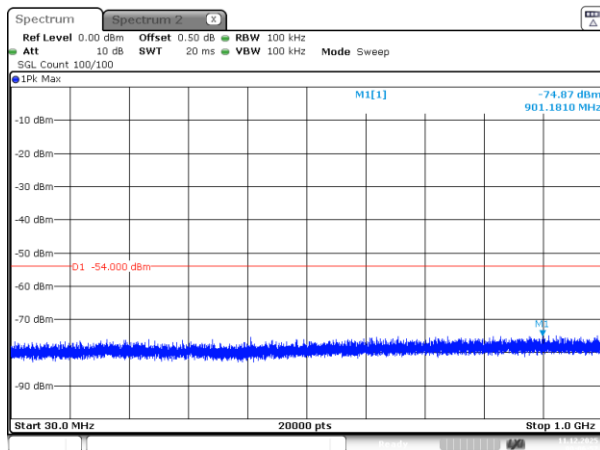
ProjectNo.:2503A20039E-RF Tester:ZoeY Sang
Date: 11.DEC.2025 00:03:49

Test Condition: LV**BLE 1Mbps_Low Channel(30MHz~1GHz)**

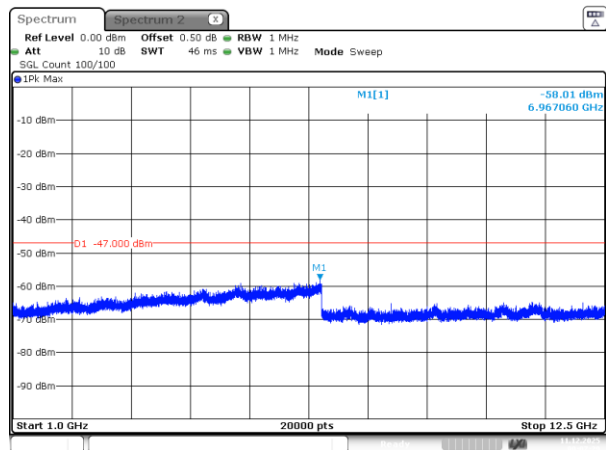
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 11.DEC.2025 00:04:19

BLE 1Mbps_Low Channel(1GHz~12.5GHz)

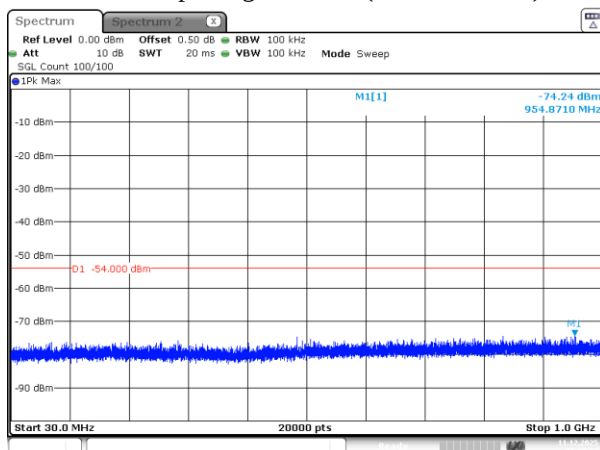
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 11.DEC.2025 00:04:50

BLE 1Mbps_Middle Channel(30MHz~1GHz)

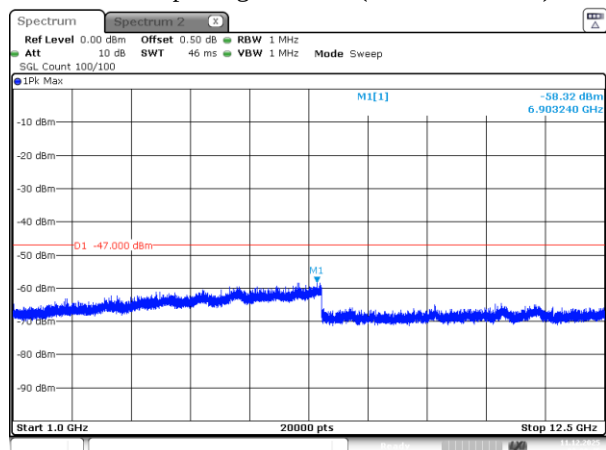
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 11.DEC.2025 00:06:58

BLE 1Mbps_Middle Channel(1GHz~12.5GHz)

ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 11.DEC.2025 00:07:29

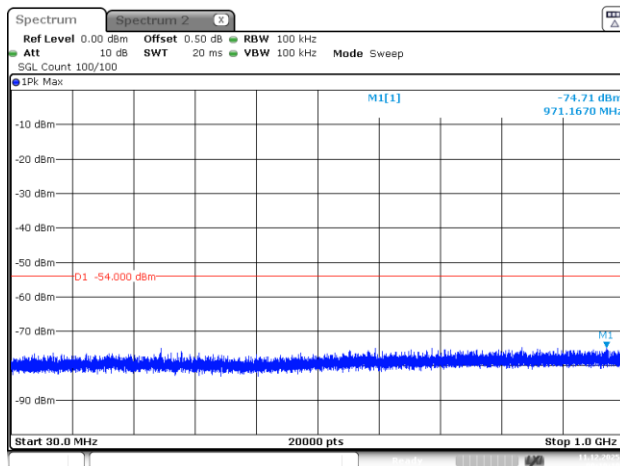
BLE 1Mbps_High Channel(30MHz~1GHz)

ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 11.DEC.2025 00:09:13

BLE 1Mbps_High Channel(1GHz~12.5GHz)

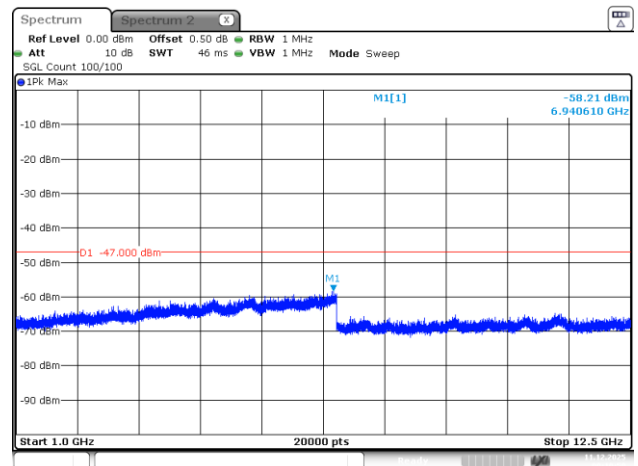
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 11.DEC.2025 00:09:44

BLE 2Mbps_Low Channel(30MHz~1GHz)



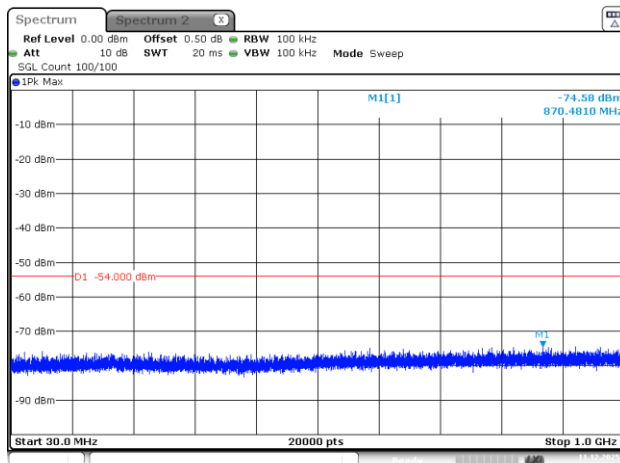
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 11.DEC.2025 00:10:18

BLE 2Mbps_Low Channel(1GHz~12.5GHz)



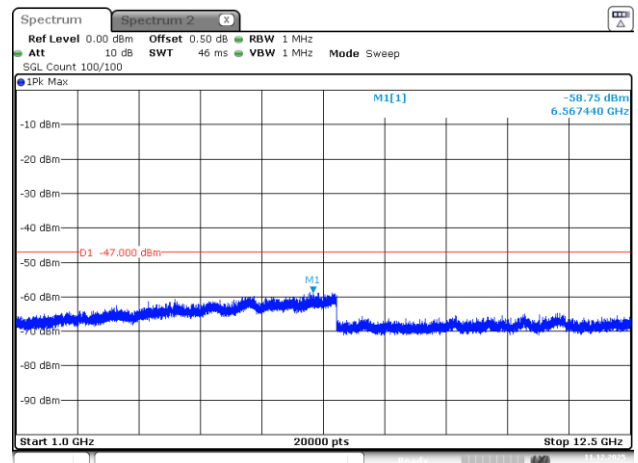
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 11.DEC.2025 00:10:50

BLE 2Mbps_Middle Channel(30MHz~1GHz)



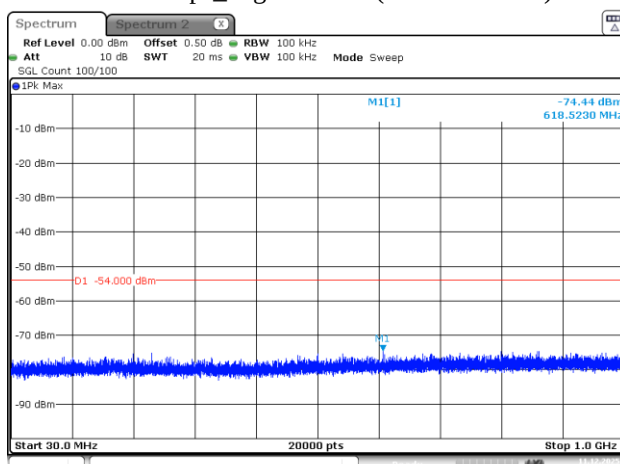
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 11.DEC.2025 00:11:22

BLE 2Mbps_Middle Channel(1GHz~12.5GHz)



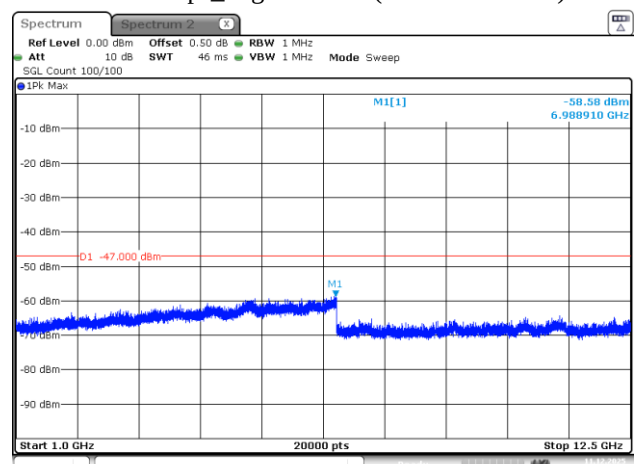
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 11.DEC.2025 00:11:54

BLE 2Mbps_High Channel(30MHz~1GHz)

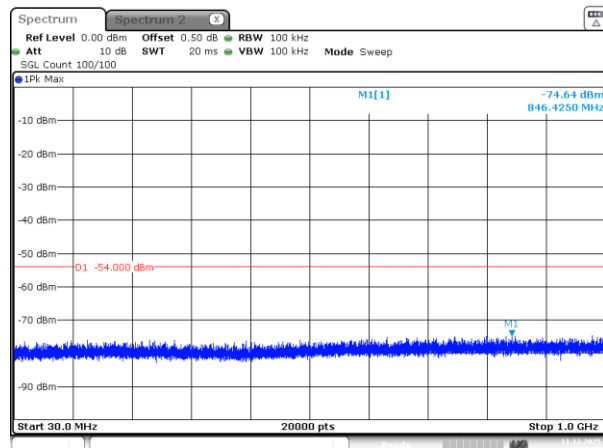


ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 11.DEC.2025 00:12:17

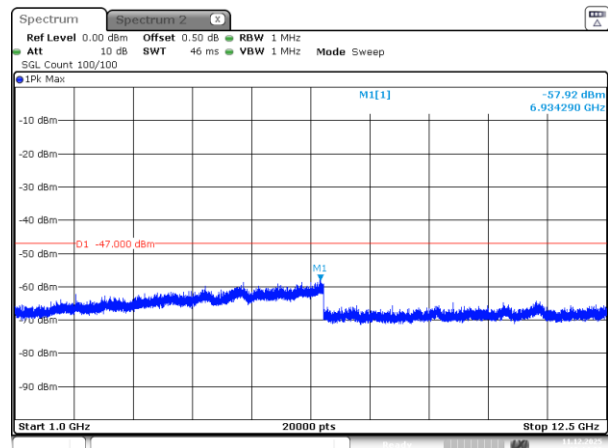
BLE 2Mbps_High Channel(1GHz~12.5GHz)



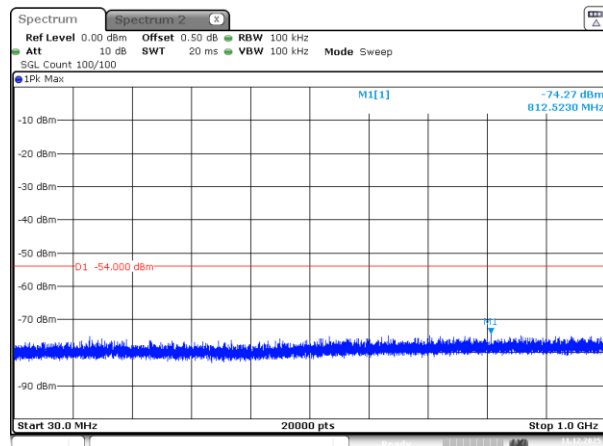
ProjectNo.:2503A20039E-RF Tester:Zoey Sang
Date: 11.DEC.2025 00:12:50

Test Condition: HV**BLE 1Mbps_Low Channel(30MHz~1GHz)**

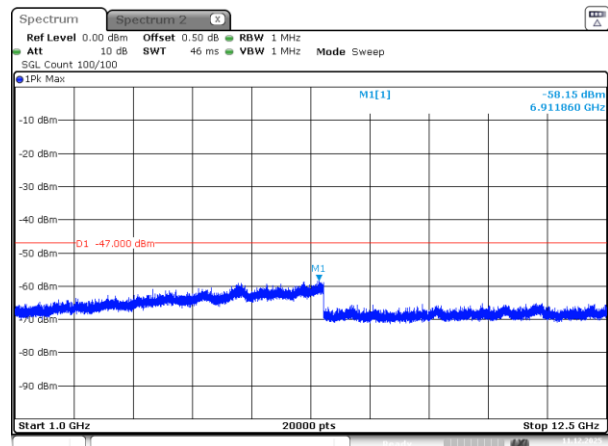
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 11.DEC.2025 00:13:58

BLE 1Mbps_Low Channel(1GHz~12.5GHz)

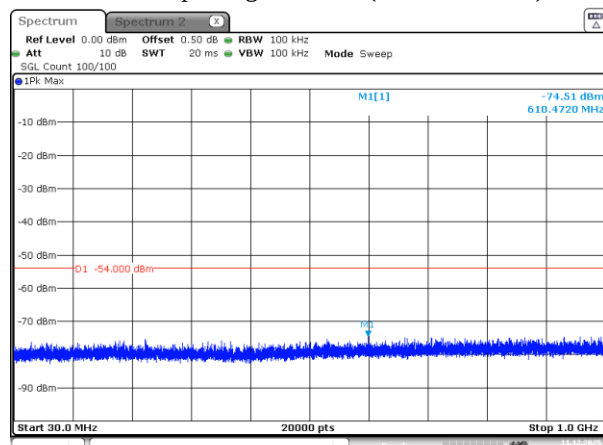
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 11.DEC.2025 00:14:29

BLE 1Mbps_Middle Channel(30MHz~1GHz)

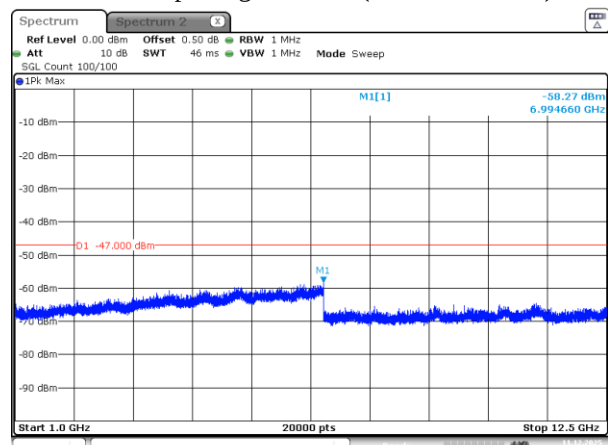
ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 11.DEC.2025 00:15:21

BLE 1Mbps_Middle Channel(1GHz~12.5GHz)

ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 11.DEC.2025 00:15:52

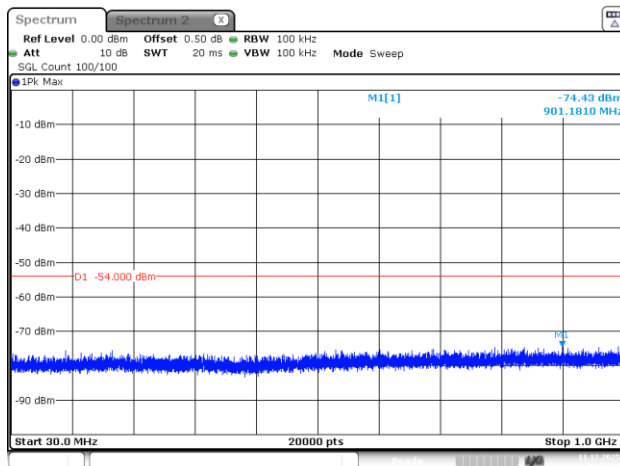
BLE 1Mbps_High Channel(30MHz~1GHz)

ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 11.DEC.2025 00:16:17

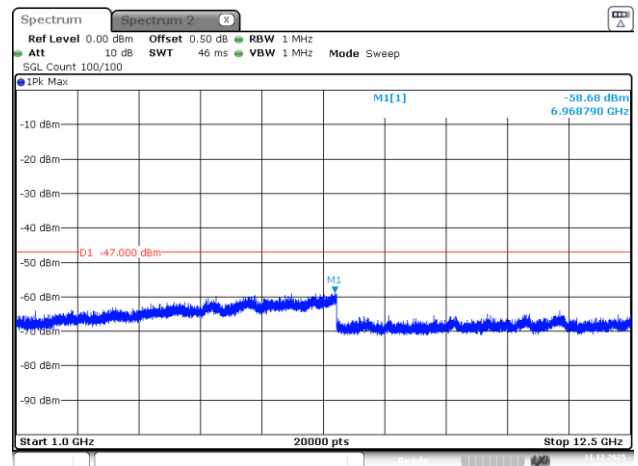
BLE 1Mbps_High Channel(1GHz~12.5GHz)

ProjectNo.: 2503A20039E-RF Tester: Zoey Song
Date: 11.DEC.2025 00:16:49

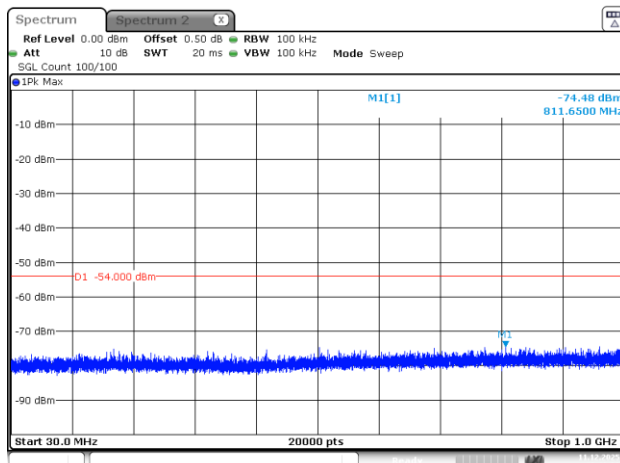
BLE 2Mbps_Low Channel(30MHz~1GHz)



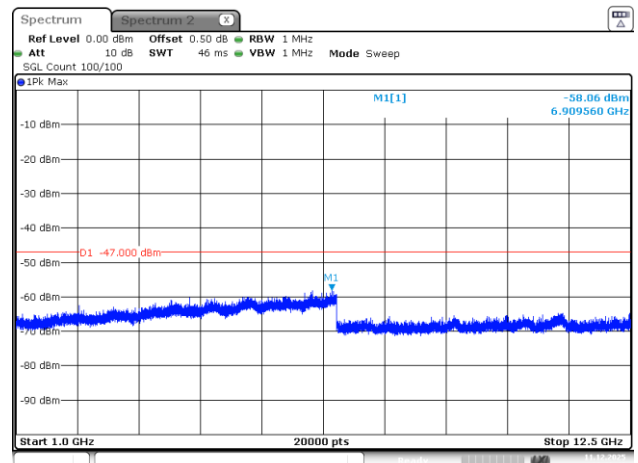
BLE 2Mbps_Low Channel(1GHz~12.5GHz)



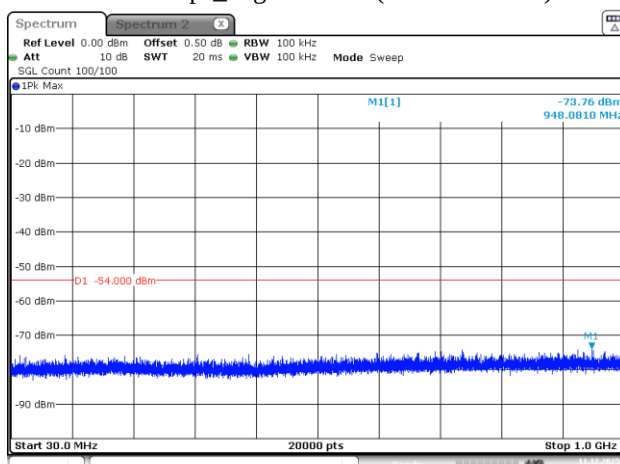
BLE 2Mbps_Middle Channel(30MHz~1GHz)



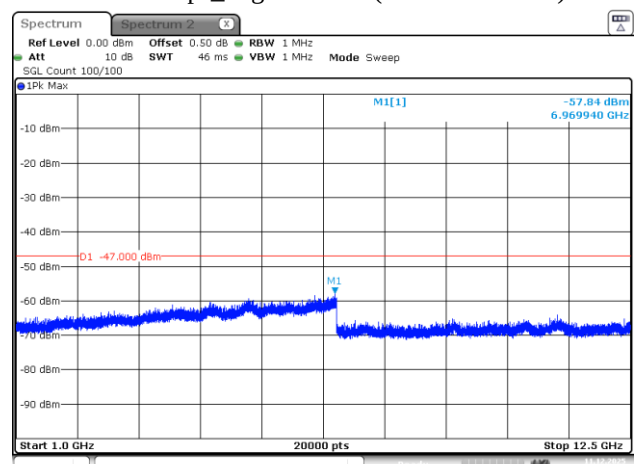
BLE 2Mbps_Middle Channel(1GHz~12.5GHz)



BLE 2Mbps_High Channel(30MHz~1GHz)



BLE 2Mbps_High Channel(1GHz~12.5GHz)



4.7 Interference Prevention Function

Test Result: Compliant, please see the below table.

Test Results for Bluetooth Function 1 (for positioning uses):

Item	Result	Requirement	Verdict
Methodology to transmit ID Code:	Automatically	Automatically	Compliant
Methodology to receive ID Code:	Automatically	Automatically	Compliant
Identification Codes (ID Codes):	20:00:00:00:3A:05	/	/
Bits of ID Codes:	48 bits	48 bits or more	Compliant
Screenshot:	20:00:00:00:3A:05		

Test Results for Bluetooth Function 2 (for Imaging uses):

Item	Result	Requirement	Verdict
Methodology to transmit ID Code:	Automatically	Automatically	Compliant
Methodology to receive ID Code:	Automatically	Automatically	Compliant
Identification Codes (ID Codes):	20:00:00:02:25:3E	/	/
Bits of ID Codes:	48 bits	48 bits or more	Compliant
Screenshot:	20:00:00:02:25:3E		

4.8 Construction Protection Confirmation

Result: Compliant. please see the below table.

☐	Sealed with screws.
☐	Plastic chassis is being welded using ultrasonic waves.
☐	Cover is glued using a special adhesive.
☐	Metal covers are spot-fused.
☒	Cover is specially interlocked.
☐	RF and Modulation components are covered with shielding case and this shielding case is soldered.
☐	Other
	If 'Other', describe the method here. Then delete this text.

Photographs



5. EUT PHOTOGRAPHS

Please refer to the attachment 2503A20039E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2503A20039E-RF-INP EUT INTERNAL PHOTOGRAPHS.

6. TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2503A20039E-RF-07-TSP TEST SETUP PHOTOGRAPHS.

******* END OF REPORT *******