

RF Test Report

Report No.: 2605S28648EA

Applicant: Magnetic Laboratories Co. ,Ltd.

Address: kametani building 4F kanda sakuma-cho 1-17 chiyoda-ku tokyo

Product Name: Smart tracker

Product Model: HD-TAGHB15WH

Multiple Models: HD-TAGHB15BK, DA-COSTGOWGY, HD-COSTGOWH,
HD-TAGHB15DXWH, HD-TAGHB15DXBK

Trade Mark: N/A

Standards: Item 19 of Article 2 Paragraph 1

Test Date: 2026-04-17 to 2026-04-24

Test Result: Complied

Report Date: 2026-04-28

Reviewed by:

Luke Li

Approved by:

Jacob Kong

Luke Li

Project Engineer

Jacob Kong

Manager

Prepared by:

World Alliance Testing & Certification (Shenzhen) Co., Ltd

No. 1002, East Block, Laobing Building, Xingye Road 3012, Xixiang street, Bao'an District, Shenzhen,
Guangdong, People's Republic of China

Announcement

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2. The results in this report apply only to the sample tested.
3. This sample tested is in compliance with the limits of the above regulation.
4. The information marked “#” is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included.

Revision History

Version No.	Issued Date	Description
00	2026-04-28	Original

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1 General Information

1.1 Client Information

Applicant:	Magnetic Laboratories Co. ,Ltd.
Address:	kametani building 4F kanda sakuma-cho 1-17 chiyoda-ku tokyo
Manufacturer:	SHENZHEN HOMELEAD ELECTRONICS CO., LTD.
Address:	Room 1101, Unit 1, Fucheng Digital Innovation Park, 15-2 Shijing Road, Fumin Community, Fucheng Street, Longhua Distict, Shenzhen

1.2 Product Description of EUT

The EUT is a Smart tracker that contains BLE radio, this report covers the full testing of the BLE radio.

Sample Serial Number	3JU5-2 (assigned by WATC)
Sample Received Date	2026-04-14
Sample Status	Good Condition
Frequency Range	2402MHz - 2480MHz(BLE1M/2M)
Rated Output Power [#]	0.7mW
Modulation Technology	GFSK
Antenna Gain [#]	0.81dBi
Spatial Streams [#]	SISO (1TX, 1RX)
Power Supply	DC3.0V from battery
Adapter Information	N/A
Modification	Sample No Modification by the test lab

1.3 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Unwanted Emission, Conducted	1.75dB
Conducted Power	0.74dB
Frequency Error	150Hz
Bandwidth	0.34%
Power Spectral Density	0.74dB
Note 1: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. Note 2: The Decision Rule is based on simple acceptance with ISO Guide 98-4:2012 Clause 8.2 (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)	

1.4 Laboratory Location

World Alliance Testing & Certification (Shenzhen) Co., Ltd

No. 1002, East Block, Laobing Building, Xingye Road 3012, Xixiang street, Bao'an District, Shenzhen, Guangdong, People's Republic of China

Tel: +86-755-29691511, Email: qa@watc.com.cn

1.5 Test Methodology

Item 19 of Article 2 Paragraph 1

ARIB STD-T66

MIC Notice No.88 Appendix No.43

2 Description of Measurement

2.1 Test Configuration

Operating channels:					
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
0	2402	19	2440	38	2478
1	2404	20	2442	39	2480
...	...	...	...	/	/
18	2438	...	...	/	/
According to MIC Notice No.88 Appendix No.43 requirement, select lowest channel, middle channel, and highest channel in the frequency range in which device operates for testing. The detailed frequency points are as follows:					
Lowest channel		Middle channel		Highest channel	
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
0	2402	19	2440	39	2480

Test Mode:				
Transmitting mode:		Keep the EUT in continuous transmitting with/without modulation		
Exercise software [#] :		nRF connect for desktop		
Mode	Worst-case Data rate	Power Level Setting [#]		
		Low Channel	Middle Channel	High Channel
BLE	1Mbps	-4	-4	-4
BLE	2Mbps	-4	-4	-4
The exercise software and the maximum power setting that provided by manufacturer.				

Test Voltage:		
According to MIC Notice No.88 Appendix No.43 requirement,		
1. In the case of characteristic tests for technical standard conformity certification:		
The input voltage from the external power supply to the EUT shall be the rated voltage.		
2. In other cases		
The input voltage from the external power supply to the EUT is the rated voltage and $\pm 10\%$ of the rated voltage, the following cases shall apply:		
(1) If it is confirmed that when the input voltage from the external power source to the EUT varied by $\pm 10\%$, the input voltage to the RF circuit of EUT (excluding the power supply) fluctuates by $\pm 1\%$ or less. Measure only with rated/normal voltage.		
(2) The EUT is designed to operate only within a specific fluctuation range within $\pm 10\%$ of the power supply voltage, and this fact and the upper and lower limits of the specific fluctuation range are stated in the construction design document. Measure at the rated voltage and the upper and lower limits of the specified fluctuation range.		
Low Voltage(V _{DC})	Normal Voltage(V _{DC})	High Voltage(V _{DC})
2.7	3.0	3.3

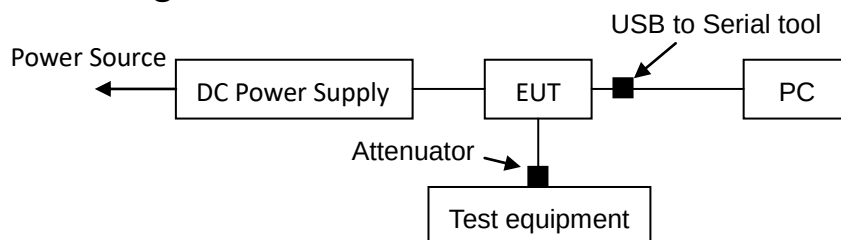
2.2 Test Auxiliary Equipment

Manufacturer	Description	Model	Serial Number
UNI-T	DC Power Supply	UTP1310S	C221286498
Dell	PC	OPTIPLEX 7010	42349061413
Unknown	USB to Serial tool	Unknown	Unknown

2.3 Interconnecting Cables

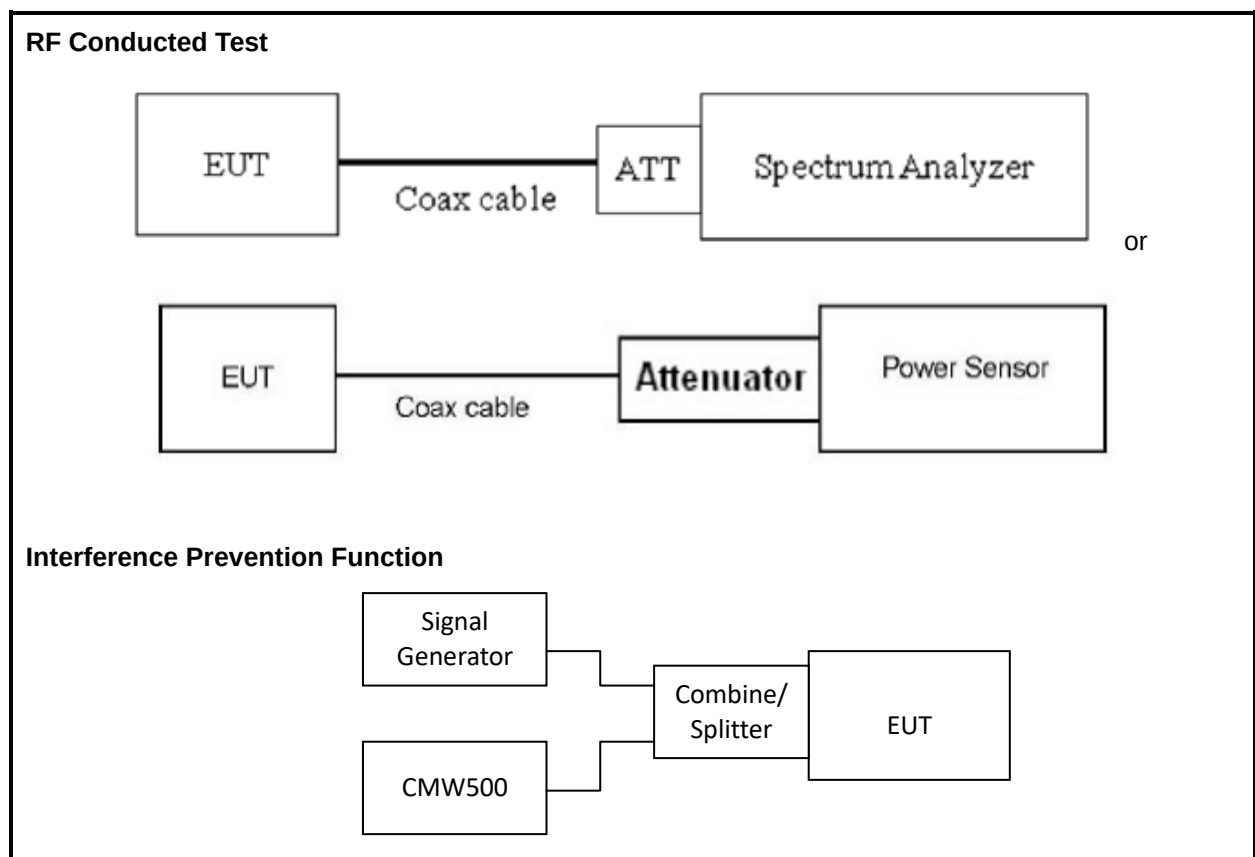
Manufacturer	Description	Length(m)	From	To
Unknown	DC Power Cable	0.5	DC Power Supply	EUT
Unknown	Dupont Line	0.1	EUT	USB to Serial tool
Unknown	USB Extend Cable	1.5	USB to Serial tool	PC

2.4 Block Diagram of Connection between EUT and AE



Note: for reference only, the actual connection setup used for testing please refer to the test photos.

2.5 Test Setup



2.6 Test Procedure

RF Conducted Test:

1. The antenna port of EUT was connected to the RF port of the test equipment (Power Meter or Spectrum analyzer) through Attenuator and RF cable.
2. The cable assembly insertion loss of 6.5 dB (including 6.0 dB Attenuator and 0.5 dB cable) was entered as an offset in the power meter. Note: Actual cable loss was unavailable at the time of testing, therefore a loss of 0.5 dB was assumed as worst case. This was later verified to be true by laboratory. (if the RF cable provided by client, the cable loss declared by client)
3. The EUT is keeping in continuous transmission mode and tested in all modulation modes.

2.7 Measurement Method

Description of Test	Measurement Method
Frequency Error	No.88 Appendix No.43 section 3
Occupied Bandwidth	No.88 Appendix No.43 section 4
Transmitter Spurious Emission and Unwanted Emission Intensity	No.88 Appendix No.43 section 5 No.88 Appendix No.1
Antenna Output Power and Output Power Tolerance	No.88 Appendix No.43 section 6
Receiver Spurious Emission and Unwanted Emission Intensity	No.88 Appendix No.43 section 7
Transmission Antenna Gain	No.88 Appendix No.43 section 12
Carrier sense capability	No.88 Appendix No.43 section 8 or No.88 Appendix No.43 section 9 or No.88 Appendix No.43 section 10
Transmission Radiation Angle Width	No.88 Appendix No.43 section 13
Frequency Hopping Dwell Time	No.88 Appendix No.43 section 15
Interference Prevention Function	No.88 Appendix No.43 section 14

2.8 Measurement Equipment

Manufacturer	Description	Model	Management No.	Calibration Date	Calibration Due Date	Calibration Authority	Calibration Method
ROHDE& SCHWARZ	SPECTRUM ANALYZER	FSV40	101419	2025/5/23	2026/5/22	BACL	c)
narda	6dB attenuator	603-06-1	N/A	2025/5/23	2026/5/22	BACL	c)
ANRITSU	USB Power Sensor	MA24418A	12620	2025/5/23	2026/5/22	BACL	c)
UNI-T	DC Power Supply	UTP1310S	C221286498	/	/	/	/
FLUKE	Digital Multimeter	15B+	N/A	2025/9/19	2026/9/18	BACL	c)
ROHDE& SCHWARZ	WIDEBAND RADIO COMMUNICATION TESTER	CMW500	116218	2025/9/19	2026/9/18	BACL	c)
ROHDE& SCHWARZ	Vector Signal Generator	SMBV100A	256300	2025/5/23	2026/5/22	BACL	c)
HP	Power Splitter	11667A	1610A	2025/9/19	2026/9/18	BACL	c)

Note: All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or International standards.

Calibration Method:

- a) Calibration conducted by the National Institute of Information and Communications Technology (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) ~Japan Calibration Service System~
- 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 other equipment that listed above from a) to c)

3 Test Results

3.1 Test Summary

The EUT has been tested according to the Radio equipment regulations and ARIB STD-T66

Article 2 Paragraph 1 Item 19 conducted with MIC Notice No.88 Appendix No.43 rule section	Reference Rules	Description of Test	Result
3	STD-T66 Section 3.2	Frequency Error	Compliance
4	STD-T66 Section 3.2	Occupied Bandwidth	Compliance
5	STD-T66 Section 3.2	Transmitter Spurious Emission and Unwanted Emission Intensity	Compliance
6	STD-T66 Section 3.2	Antenna Output Power and Output Power Tolerance	Compliance
7	STD-T66 Section 3.3	Receiver Spurious Emission and Unwanted Emission Intensity	Compliance
12	STD-T66 Section 3.6	Transmission Antenna Gain	N/A ¹
8, 9, 10	STD-T66 Section 3.4	Carrier sense capability	N/A ³
13	STD-T66 Section 3.6	Transmission Radiation Angle Width	N/A ¹
15	STD-T66 Section 3.2	Frequency Hopping Dwell Time	N/A ²
14	STD-T66 Section 3.4	Interference Prevention Function	Compliance
Note 1	STD-T66 Section 3.7	Construction Protection Confirmation	Compliance

Note:

N/A¹: This test item was not required for the output power less than 12.14 dBm(E.I.R.P).

N/A²: Testing is only required for FHSS system devices.

N/A³: Only required for OBW between 26MHz and 40MHz with OFDM modulation type or outdoor use radio control of model airplanes.

3.2 Limit

Test items	Limit
Frequency Error	+/-50ppm
Occupied Bandwidth	Occupied bandwidth: FH≤83.5 MHz; DS: ≤26 MHz; OFDM: ≤26 MHz & 26≤ OBW ≤40 MHz, Others≤26 MHz
Transmitter Spurious Emission and Unwanted Emission Intensity	30MHz-2387MHz: 2.5uW/MHz or less 2387MHz-2400MHz: 25uW/MHz or less 2483.5MHz-2496.5MHz: 25uW/MHz or less 2496.5MHz-12.5GHz: 2.5uW/MHz or less
Antenna Output Power and Output Power Tolerance	Antenna Output Power: ≤3 mW /MHz (FHSS from 2402-2480 MHz) ≤10 mW/MHz (OFDM(20MHz system), DSSS from 2400-2483.5 MHz) ≤5 mW/MHz (OFDM(40MHz system) from 2400-2483.5 MHz) ≤10 mW (other from 2400-2483.5 MHz) Output Power Tolerance: +20% E.I.R.P.: ≤6.91dBm/MHz(FHSS from 2402-2480 MHz) ≤12.14dBm/MHz(OFDM(20MHz system), DSSS from 2400-2483.5MHz) ≤ 9.13dBm/MHz (OFDM(40MHz system) from 2400-2483.5 MHz) ≤12.14dBm (other from 2400-2483.5 MHz)
Receiver Spurious Emission and Unwanted Emission Intensity	30MHz-1000MHz: 4nW or less 1GHz-12.5GHz: 20nW or less
Carrier sense capability	EUT stop RF transmission signal after carrier inject to EUT
Interference Prevention Function	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.
Construction Protection Confirmation	The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

3.3 Test Data

Test Date:	2026-04-17~2026-04-24	Test By:	Ryan Zhang
Environment condition:	Temperature: 24.9-25.3°C; RelativeHumidity:49-51%; ATM Pressure: 100.8-101.1kPa		

3.3.1 Frequency Error

Test Condition: NV

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	2402	2401.99535	-1.94	± 50	Pass
	2440	2439.99535	-1.91		Pass
	2480	2479.99535	-1.88		Pass

Test Condition: LV

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	2402	2401.99565	-1.81	± 50	Pass
	2440	2439.99565	-1.78		Pass
	2480	2479.99535	-1.88		Pass

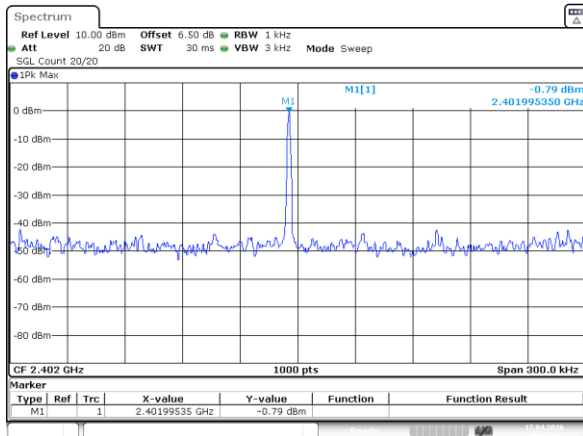
Test Condition: HV

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	2402	2401.99565	-1.81	± 50	Pass
	2440	2439.99565	-1.78		Pass
	2480	2479.99565	-1.75		Pass

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

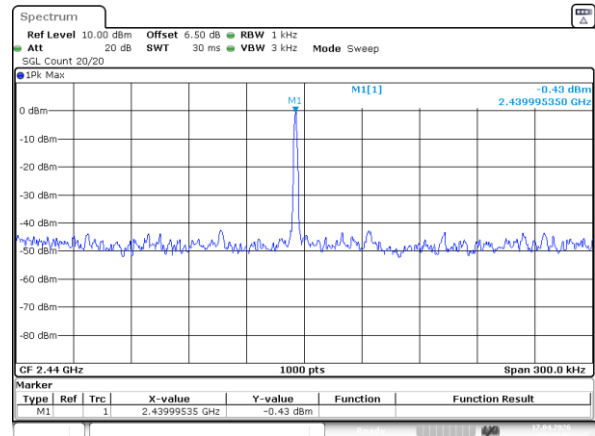
Test Condition: NV

2402MHz



ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
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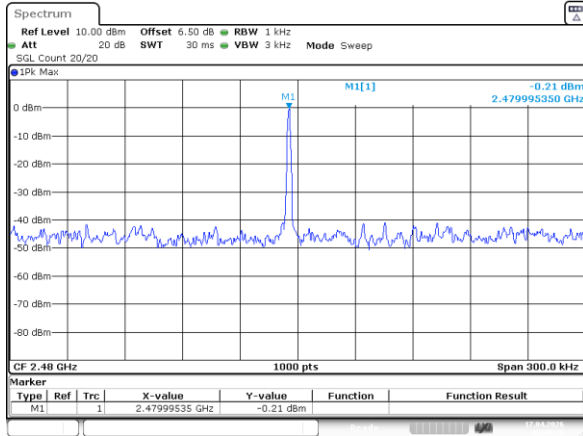
2440MHz



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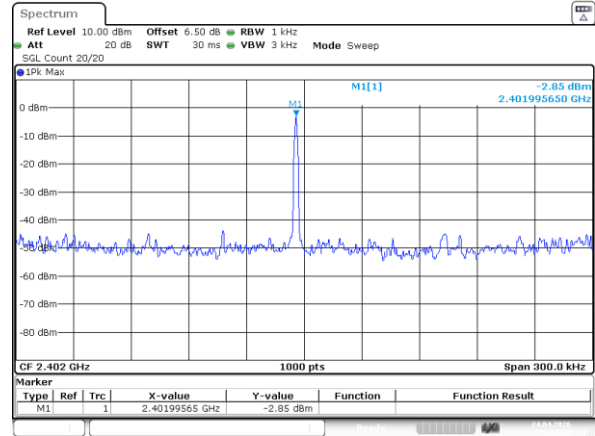
Test Condition: LV

2480MHz



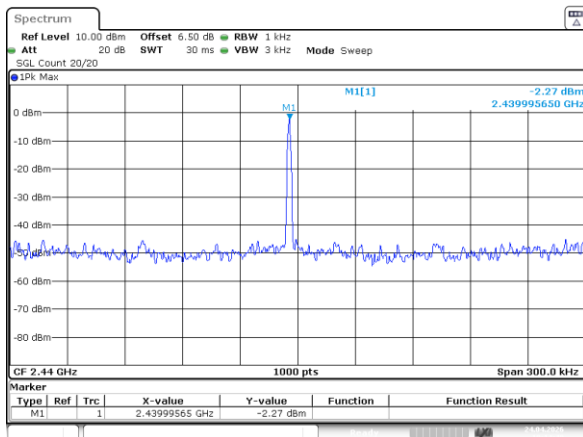
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2402MHz



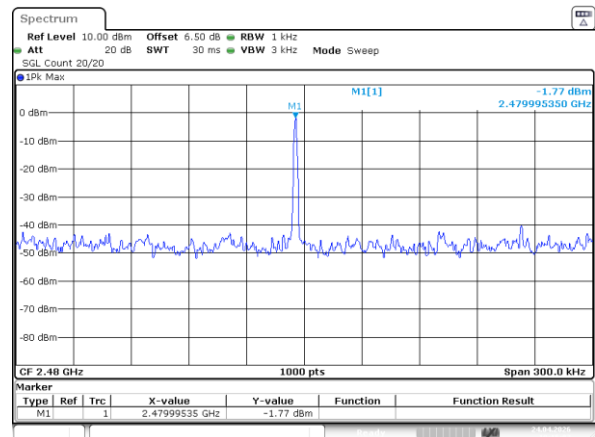
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2440MHz



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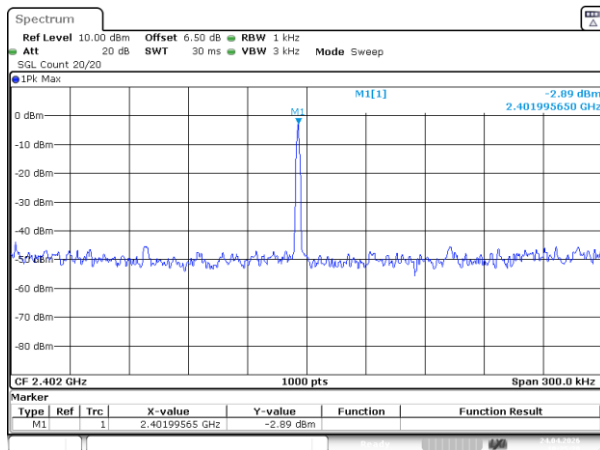
2480MHz



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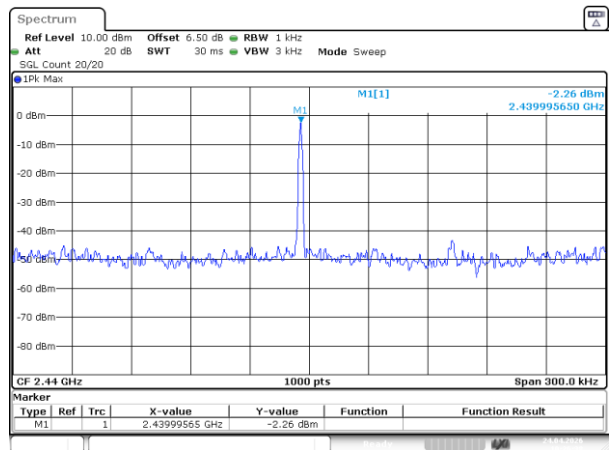
Test Condition: HV

2402MHz



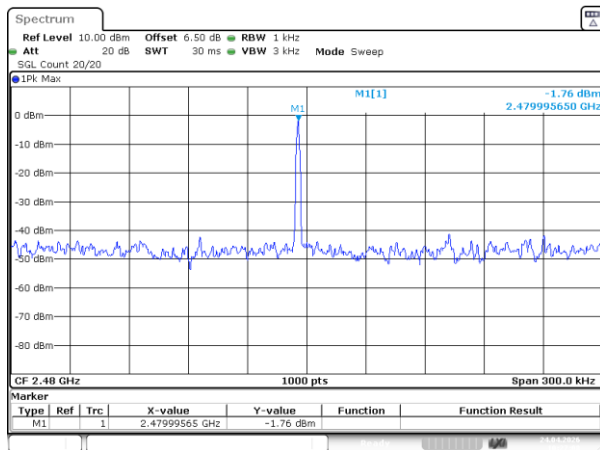
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2440MHz



ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:26:37

2480MHz



ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:27:08

3.3.2 Occupied Bandwidth

Test Condition: NV

Mode	Occupied bandwidth (MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
BLE 1M	1.088	1.095	1.105	≤ 26	Pass
BLE 2M	2.205	2.230	2.230		Pass

Test Condition: LV

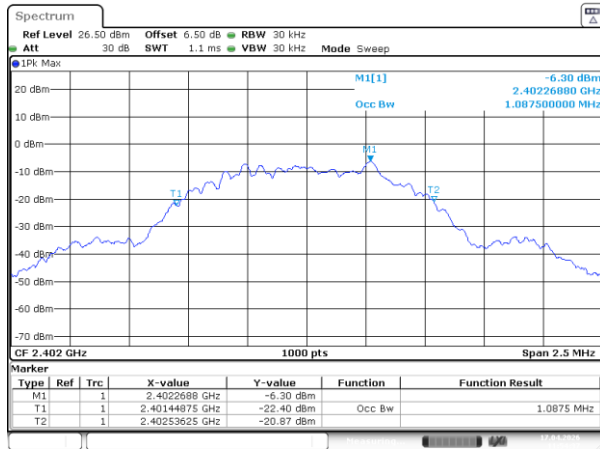
Mode	Occupied bandwidth (MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
BLE 1M	1.068	1.093	1.095	≤ 26	Pass
BLE 2M	2.165	2.230	2.225		Pass

Test Condition: HV

Mode	Occupied bandwidth (MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
BLE 1M	1.105	1.095	1.093	≤ 26	Pass
BLE 2M	2.235	2.230	2.225		Pass

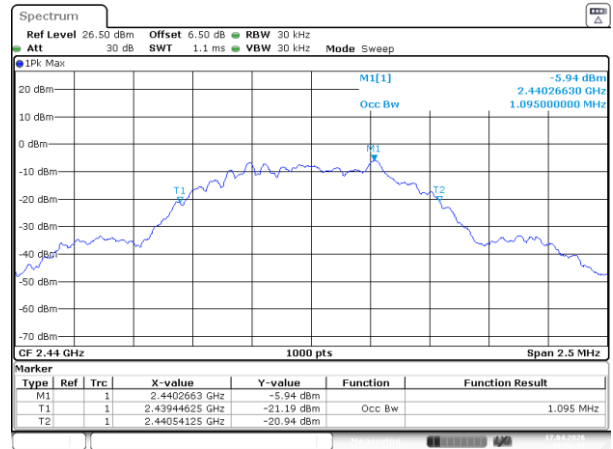
Test Condition: NV

BLE 1M_Low Channel



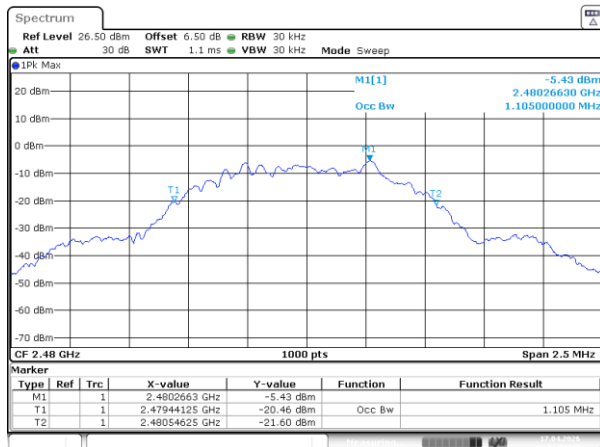
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Date: 17.APR.2026 11:54:37

BLE 1M_Middle Channel



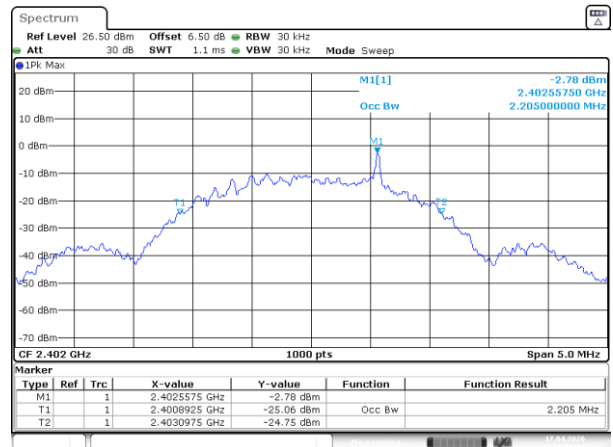
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BLE 1M_High Channel



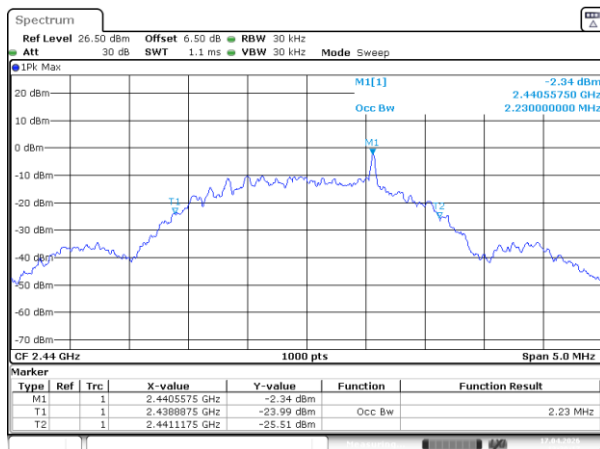
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BLE 2M_Low Channel



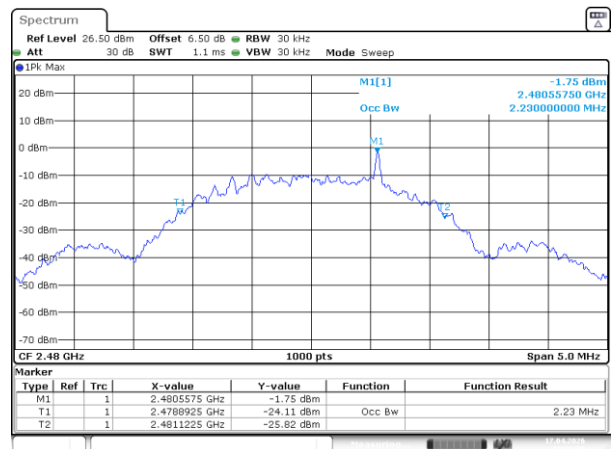
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BLE 2M_Middle Channel



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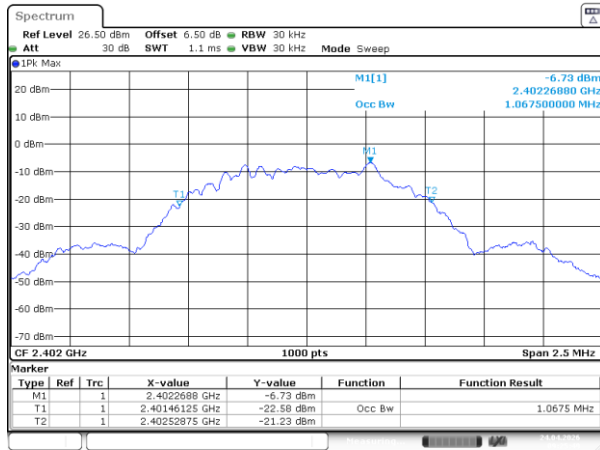
BLE 2M_High Channel



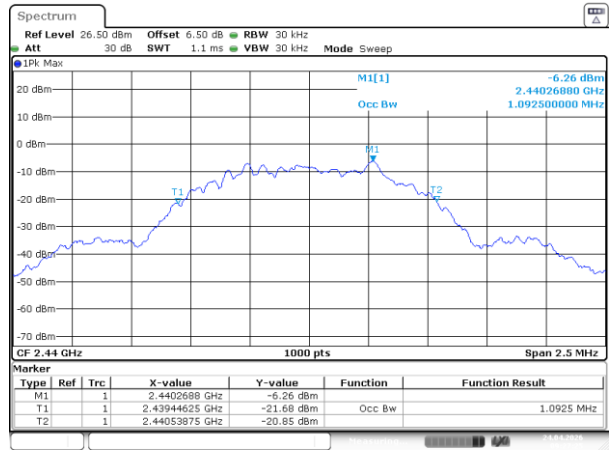
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Date: 17.APR.2026 13:39:51

Test Condition: LV

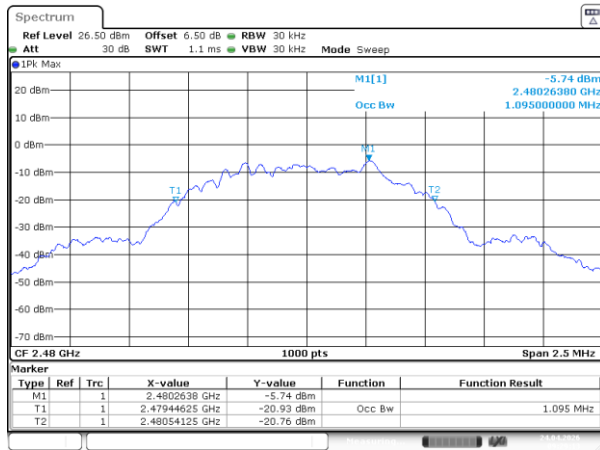
BLE 1M_Low Channel



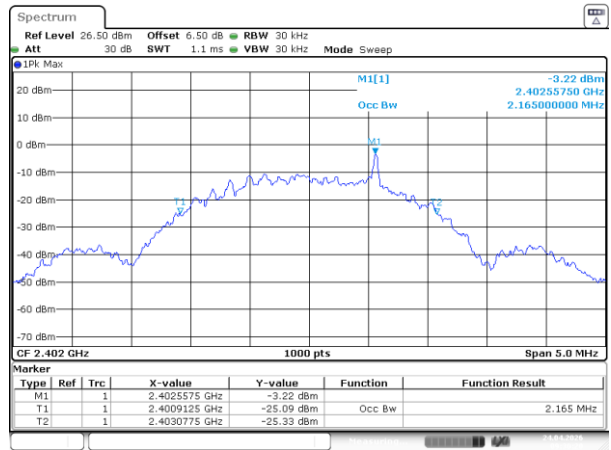
BLE 1M_Middle Channel



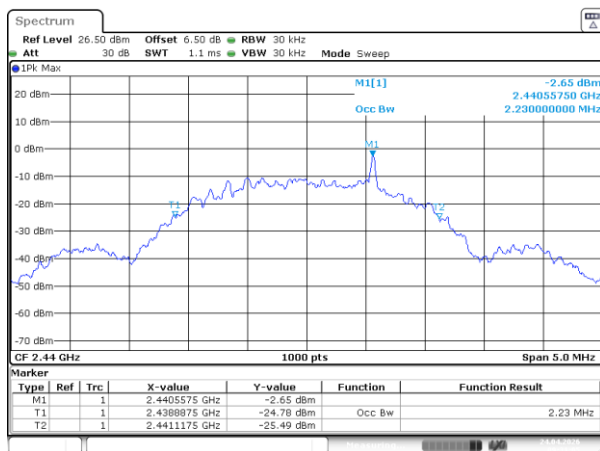
BLE 1M_High Channel



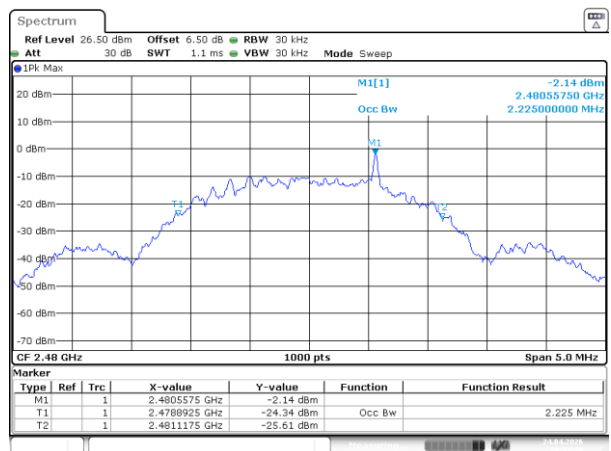
BLE 2M_Low Channel



BLE 2M_Middle Channel

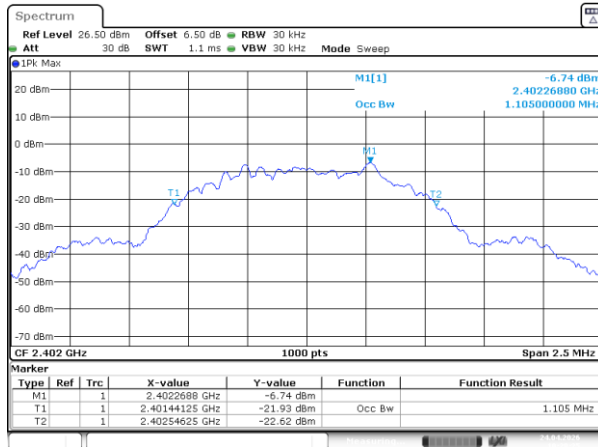


BLE 2M_High Channel

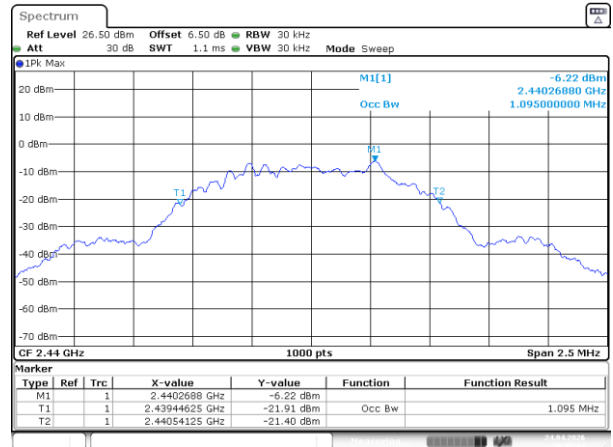


Test Condition: HV

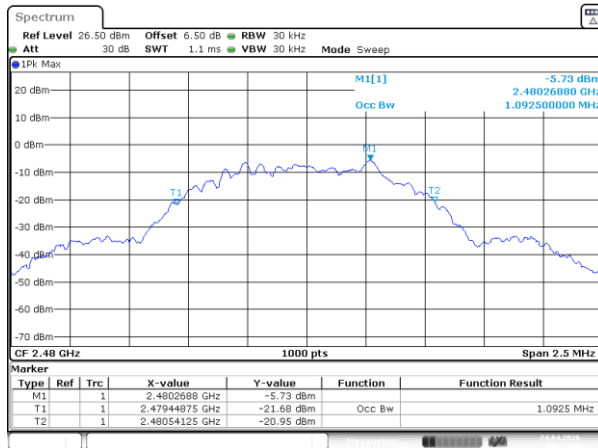
BLE 1M_Low Channel



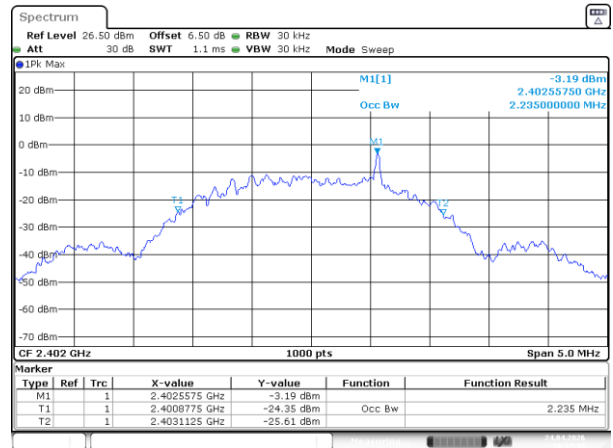
BLE 1M_Middle Channel



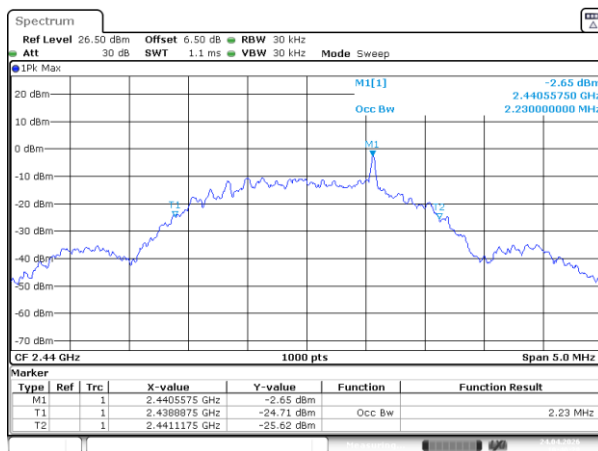
BLE 1M_High Channel



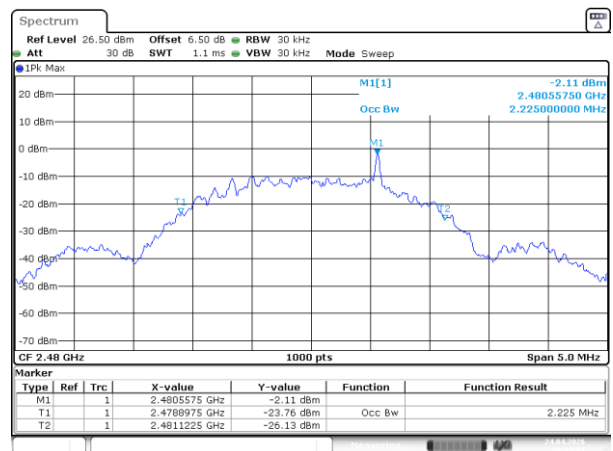
BLE 2M_Low Channel



BLE 2M_Middle Channel



BLE 2M_High Channel



3.3.3 Transmitter Spurious Emission and Unwanted Emission

Intensity

Test Condition: NV, BLE 1M

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (μW/RBW)	Limit (μW/RBW)	Verdict
		Start (MHz)	Stop (MHz)					
Low	Band I (100kHz)	30	1000	31.7	-46.04	0.025	0.25	Pass
	Band II (1MHz)	1000	2387	1019.76	-35.68	0.270	2.50	Pass
	Band III (1MHz)	2387	2400	2399.9903	-30.59	0.873	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2491.8818	-37.52	0.177	25	Pass
	Band V (1MHz)	2496.5	12500	7205.6	-27.58	1.746	2.50	Pass
Middle	Band I (100kHz)	30	1000	31.7	-46.72	0.021	0.25	Pass
	Band II (1MHz)	1000	2387	1254.17	-34.47	0.357	2.50	Pass
	Band III (1MHz)	2387	2400	2389.2198	-38.18	0.152	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2494.2868	-36.85	0.207	25	Pass
	Band V (1MHz)	2496.5	12500	7320.7	-27.55	1.758	2.50	Pass
High	Band I (100kHz)	30	1000	31.7	-46.41	0.023	0.25	Pass
	Band II (1MHz)	1000	2387	1093.28	-36.15	0.243	2.50	Pass
	Band III (1MHz)	2387	2400	2390.6888	-37.19	0.191	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.9778	-37.45	0.180	25	Pass
	Band V (1MHz)	2496.5	12500	4959.9	-27.40	1.820	2.50	Pass

Test Condition: NV, BLE 2M

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (μW/RBW)	Limit (μW/RBW)	Verdict
		Start (MHz)	Stop (MHz)					
Low	Band I (100kHz)	30	1000	31.7	-46.47	0.023	0.25	Pass
	Band II (1MHz)	1000	2387	1079.41	-35.06	0.312	2.50	Pass
	Band III (1MHz)	2387	2400	2399.9968	-19.13	12.218	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2488.0923	-37.35	0.184	25	Pass
	Band V (1MHz)	2496.5	12500	4804.8	-28.72	1.343	2.50	Pass
Middle	Band I (100kHz)	30	1000	31.7	-45.96	0.025	0.25	Pass
	Band II (1MHz)	1000	2387	1266.65	-35.01	0.316	2.50	Pass
	Band III (1MHz)	2387	2400	2396.1748	-36.40	0.229	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2494.4753	-36.96	0.201	25	Pass
	Band V (1MHz)	2496.5	12500	7320.7	-27.78	1.667	2.50	Pass
High	Band I (100kHz)	30	1000	31.7	-46.26	0.024	0.25	Pass
	Band II (1MHz)	1000	2387	1256.94	-35.95	0.254	2.50	Pass
	Band III (1MHz)	2387	2400	2399.8603	-37.98	0.159	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.8153	-36.98	0.200	25	Pass
	Band V (1MHz)	2496.5	12500	4959.9	-27.56	1.754	2.50	Pass

Test Condition: LV, BLE 1M

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (μW/RBW)	Limit (μW/RBW)	Verdict
		Start (MHz)	Stop (MHz)					
Low	Band I (100kHz)	30	1000	31.7	-47.14	0.019	0.25	Pass
	Band II (1MHz)	1000	2387	1097.44	-35.60	0.275	2.50	Pass
	Band III (1MHz)	2387	2400	2399.9968	-32.98	0.504	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2492.6228	-36.98	0.200	25	Pass
	Band V (1MHz)	2496.5	12500	7205.6	-28.25	1.496	2.50	Pass
Middle	Band I (100kHz)	30	1000	31.7	-46.66	0.022	0.25	Pass
	Band II (1MHz)	1000	2387	1254.86	-36.10	0.245	2.50	Pass
	Band III (1MHz)	2387	2400	2389.9478	-37.17	0.192	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2493.4158	-37.06	0.197	25	Pass
	Band V (1MHz)	2496.5	12500	4879.8	-27.35	1.841	2.50	Pass
High	Band I (100kHz)	30	1000	31.7	-46.25	0.024	0.25	Pass
	Band II (1MHz)	1000	2387	1252.09	-35.62	0.274	2.50	Pass
	Band III (1MHz)	2387	2400	2387.0553	-37.24	0.189	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2486.4933	-37.16	0.192	25	Pass
	Band V (1MHz)	2496.5	12500	7440.7	-27.31	1.858	2.50	Pass

Test Condition: LV, BLE 2M

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (μW/RBW)	Limit (μW/RBW)	Verdict
		Start (MHz)	Stop (MHz)					
Low	Band I (100kHz)	30	1000	31.7	-47.12	0.019	0.25	Pass
	Band II (1MHz)	1000	2387	1138.35	-36.30	0.234	2.50	Pass
	Band III (1MHz)	2387	2400	2399.9968	-20.44	9.036	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2492.2133	-37.34	0.185	25	Pass
	Band V (1MHz)	2496.5	12500	7205.6	-27.36	1.837	2.50	Pass
Middle	Band I (100kHz)	30	1000	31.7	-46.95	0.020	0.25	Pass
	Band II (1MHz)	1000	2387	1257.64	-35.95	0.254	2.50	Pass
	Band III (1MHz)	2387	2400	2397.4293	-37.73	0.169	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2491.3683	-36.87	0.206	25	Pass
	Band V (1MHz)	2496.5	12500	4879.8	-27.43	1.807	2.50	Pass
High	Band I (100kHz)	30	1000	31.7	-47.52	0.018	0.25	Pass
	Band II (1MHz)	1000	2387	1047.5	-35.88	0.258	2.50	Pass
	Band III (1MHz)	2387	2400	2396.1488	-37.75	0.168	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2486.6558	-37.24	0.189	25	Pass
	Band V (1MHz)	2496.5	12500	7440.7	-27.12	1.941	2.50	Pass

Test Condition: HV, BLE 1M

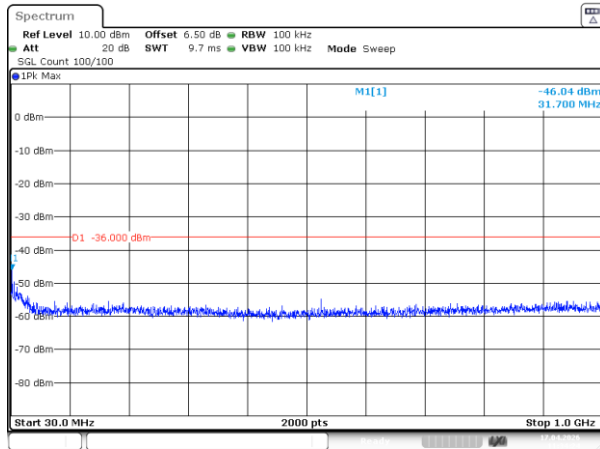
Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (μW/RBW)	Limit (μW/RBW)	Verdict
		Start (MHz)	Stop (MHz)					
Low	Band I (100kHz)	30	1000	31.7	-47.22	0.019	0.25	Pass
	Band II (1MHz)	1000	2387	1261.8	-35.22	0.301	2.50	Pass
	Band III (1MHz)	2387	2400	2399.9968	-32.82	0.522	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2491.0368	-37.06	0.197	25	Pass
	Band V (1MHz)	2496.5	12500	7205.6	-27.18	1.914	2.50	Pass
Middle	Band I (100kHz)	30	1000	31.7	-46.69	0.021	0.25	Pass
	Band II (1MHz)	1000	2387	1092.58	-35.82	0.262	2.50	Pass
	Band III (1MHz)	2387	2400	2387.3933	-37.93	0.161	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2495.1318	-37.28	0.187	25	Pass
	Band V (1MHz)	2496.5	12500	4879.8	-27.11	1.945	2.50	Pass
High	Band I (100kHz)	30	1000	31.7	-46.63	0.022	0.25	Pass
	Band II (1MHz)	1000	2387	1277.75	-36.30	0.234	2.50	Pass
	Band III (1MHz)	2387	2400	2388.7648	-38.06	0.156	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2492.2133	-36.86	0.206	25	Pass
	Band V (1MHz)	2496.5	12500	7440.7	-26.87	2.056	2.50	Pass

Test Condition: HV, BLE 2M

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (μW/RBW)	Limit (μW/RBW)	Verdict
		Start (MHz)	Stop (MHz)					
Low	Band I (100kHz)	30	1000	31.7	-47.10	0.019	0.25	Pass
	Band II (1MHz)	1000	2387	1068.31	-36.04	0.249	2.50	Pass
	Band III (1MHz)	2387	2400	2399.9903	-20.21	9.528	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2491.3683	-37.52	0.177	25	Pass
	Band V (1MHz)	2496.5	12500	7205.6	-27.47	1.791	2.50	Pass
Middle	Band I (100kHz)	30	1000	31.7	-46.63	0.022	0.25	Pass
	Band II (1MHz)	1000	2387	1034.33	-36.06	0.248	2.50	Pass
	Band III (1MHz)	2387	2400	2388.9078	-37.26	0.188	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2495.0213	-37.77	0.167	25	Pass
	Band V (1MHz)	2496.5	12500	4879.8	-27.29	1.866	2.50	Pass
High	Band I (100kHz)	30	1000	31.7	-46.44	0.023	0.25	Pass
	Band II (1MHz)	1000	2387	1261.8	-35.55	0.279	2.50	Pass
	Band III (1MHz)	2387	2400	2393.9583	-37.88	0.163	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.7048	-36.69	0.214	25	Pass
	Band V (1MHz)	2496.5	12500	7440.7	-26.94	2.023	2.50	Pass

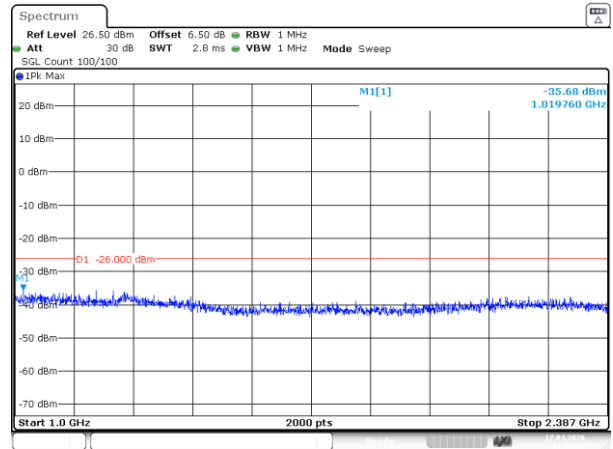
Test Condition: NV

BLE 1M_Low Channel(30MHz~1GHz)



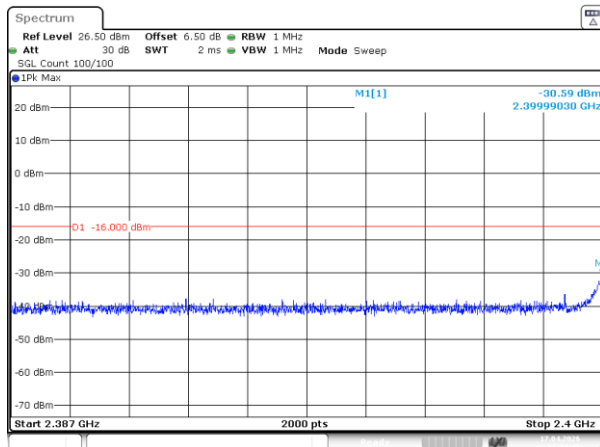
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 11:34:25

BLE 1M_Low Channel(1GHz~2.387GHz)



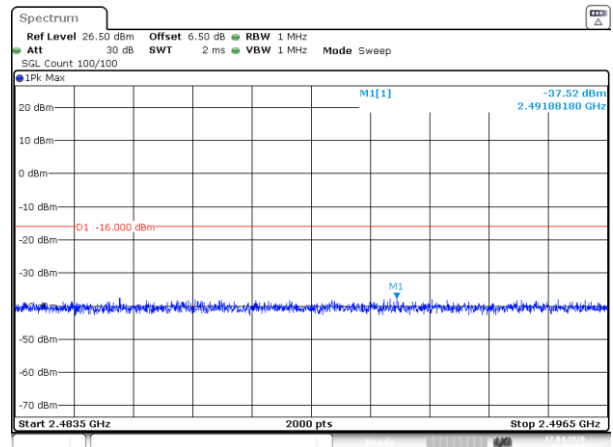
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Date: 17.APR.2026 11:34:37

BLE 1M_Low Channel(2.387GHz~2.4GHz)



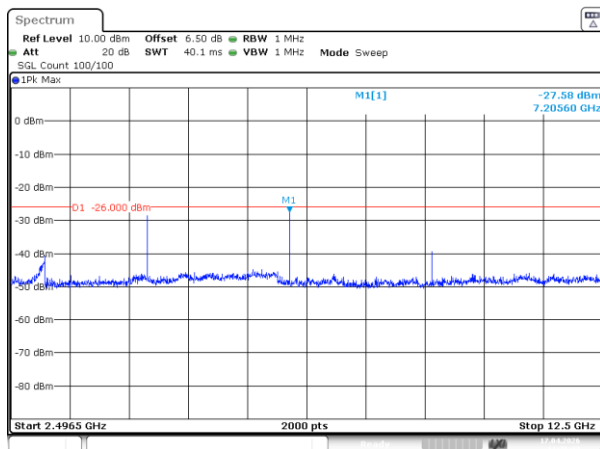
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Date: 17.APR.2026 11:34:47

BLE 1M_Low Channel(2.4835GHz~2.4965GHz)



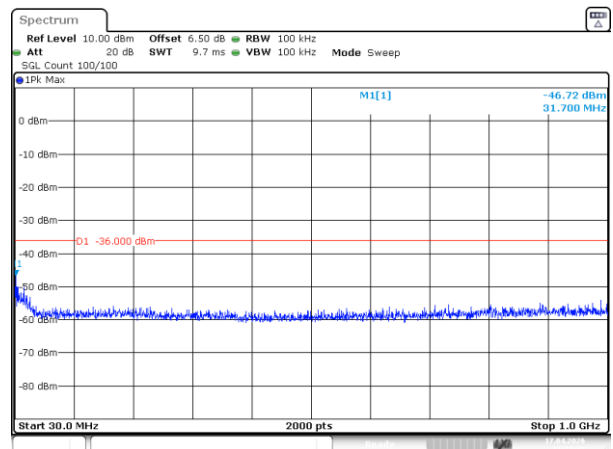
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Date: 17.APR.2026 11:34:58

BLE 1M_Low Channel(2.4965GHz~12.5GHz)



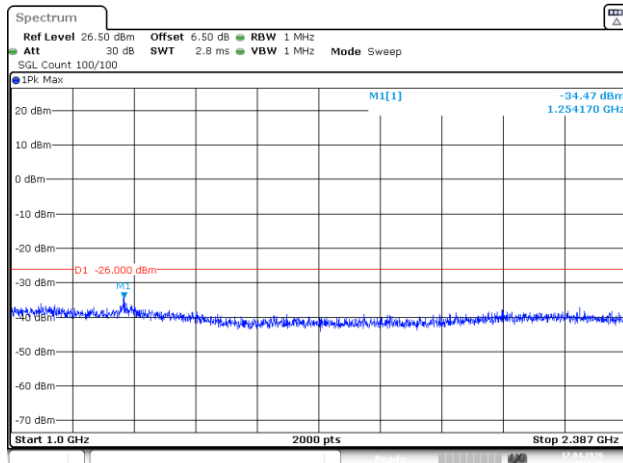
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Date: 17.APR.2026 11:36:43

BLE 1M_Middle Channel(30MHz~1GHz)



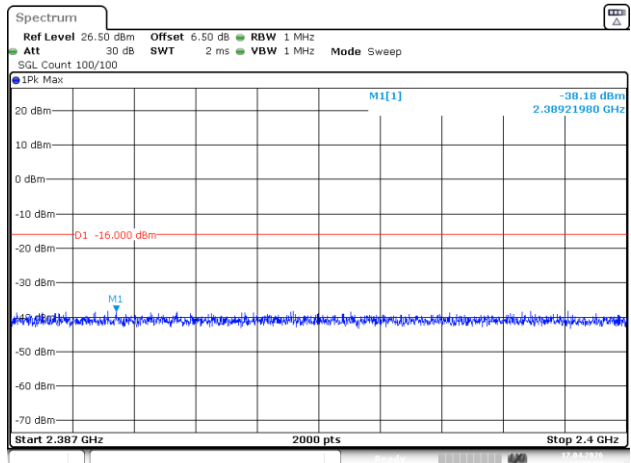
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Date: 17.APR.2026 11:37:35

BLE 1M_Middle Channel(1GHz~2.387GHz)



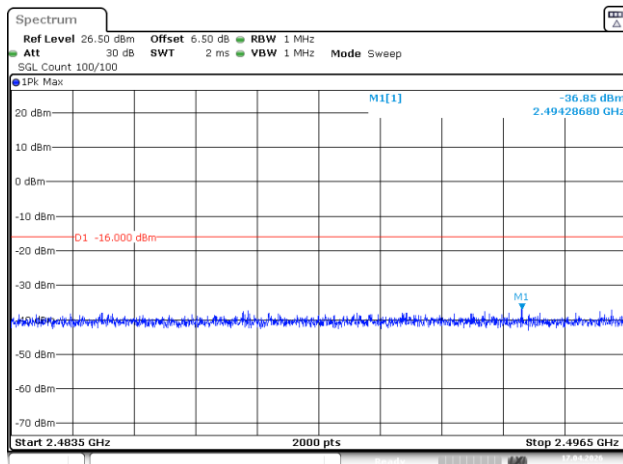
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Date: 17.APR.2026 11:37:47

BLE 1M_Middle Channel(2.387GHz~2.4GHz)



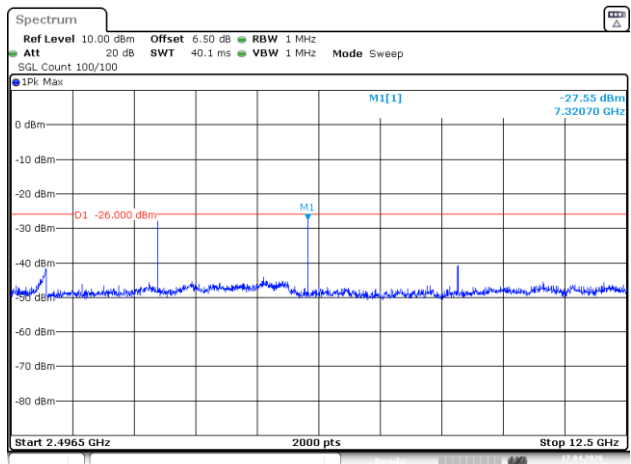
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 11:37:58

BLE 1M_Middle Channel(2.4835GHz~2.4965GHz)



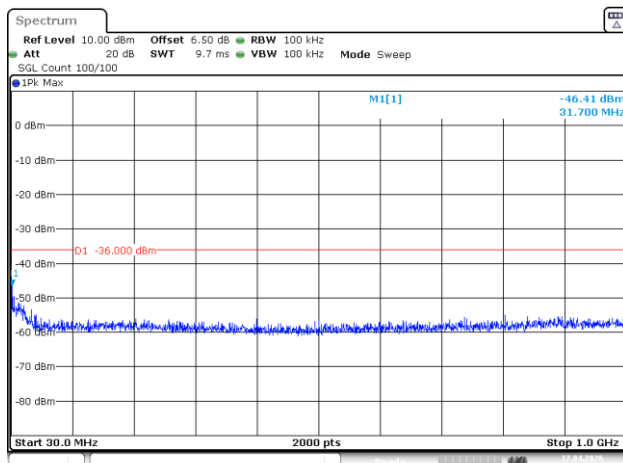
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 11:38:09

BLE 1M_Middle Channel(2.4965GHz~12.5GHz)



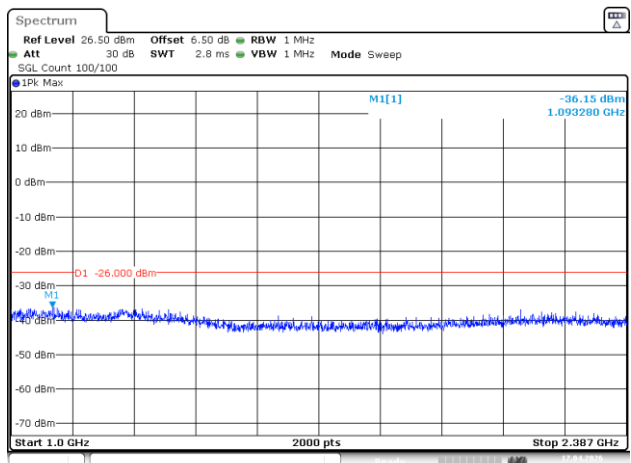
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 11:52:23

BLE 1M_High Channel(30MHz~1GHz)



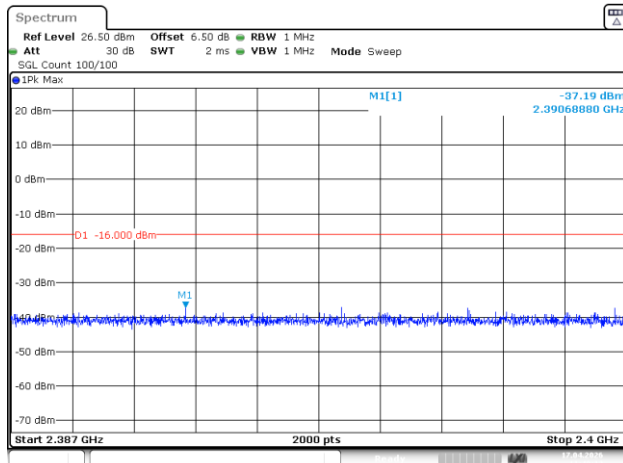
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 11:39:49

BLE 1M_High Channel(1GHz~2.387GHz)



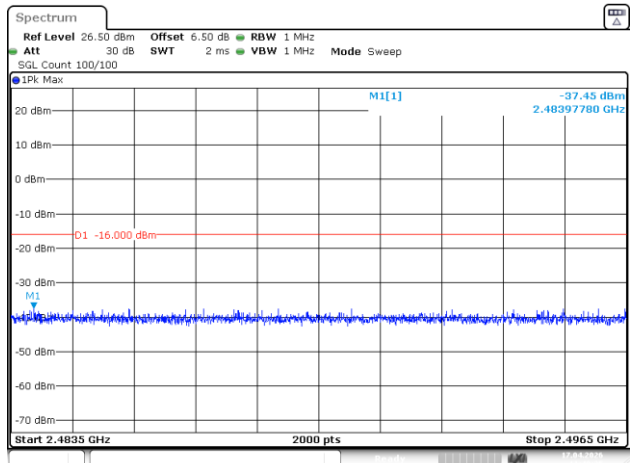
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 11:40:03

BLE 1M_High Channel(2.387GHz~2.4GHz)



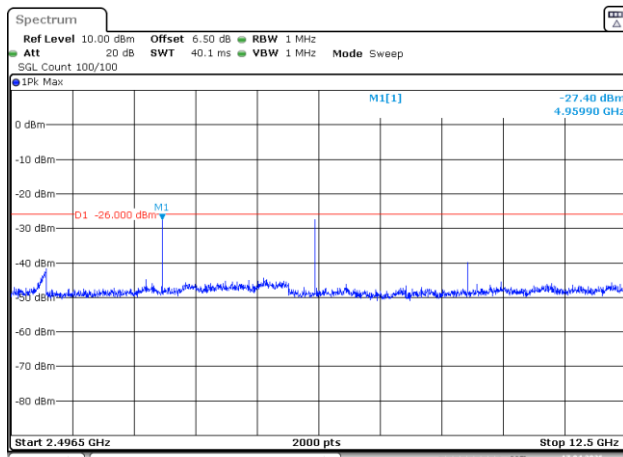
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Date: 17.APR.2026 11:40:14

BLE 1M_High Channel(2.4835GHz~2.4965GHz)



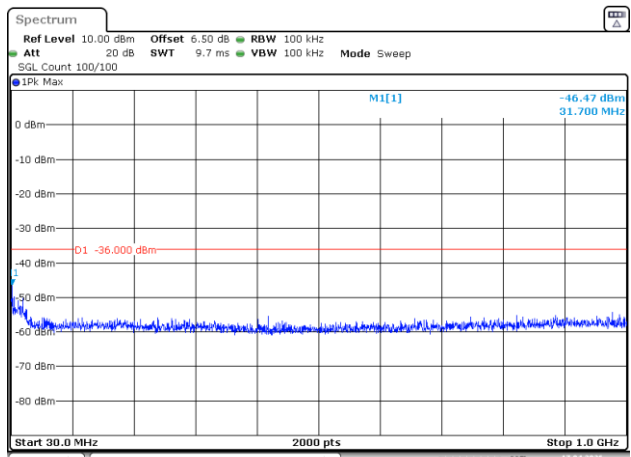
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Date: 17.APR.2026 11:40:25

BLE 1M_High Channel(2.4965GHz~12.5GHz)



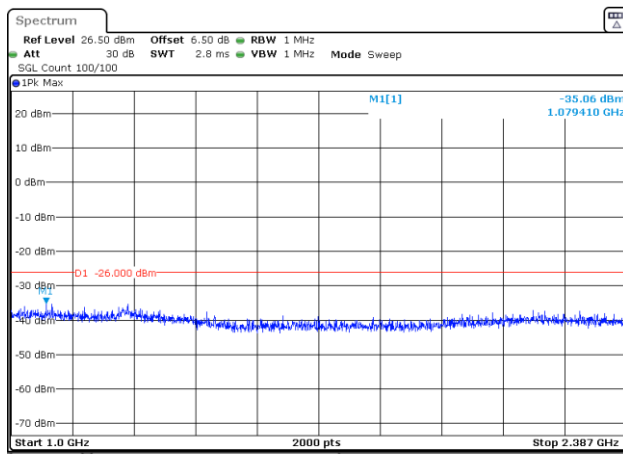
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 11:41:48

BLE 2M_Low Channel(30MHz~1GHz)



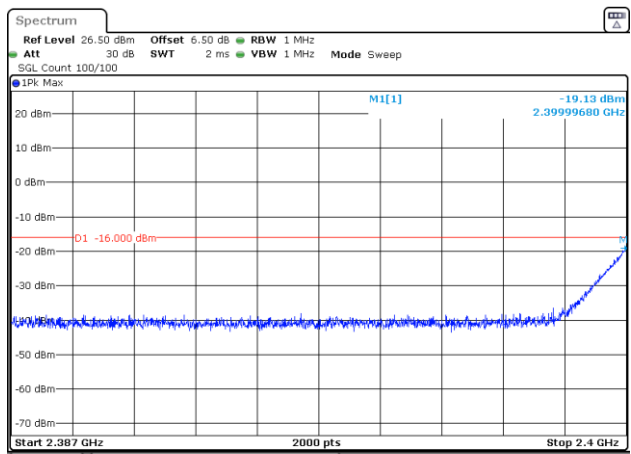
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Date: 17.APR.2026 13:14:09

BLE 2M_Low Channel(1GHz~2.387GHz)



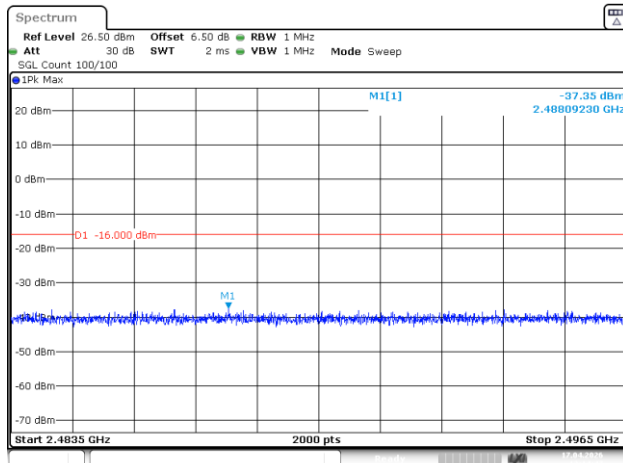
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Date: 17.APR.2026 13:14:21

BLE 2M_Low Channel(2.387GHz~2.4GHz)



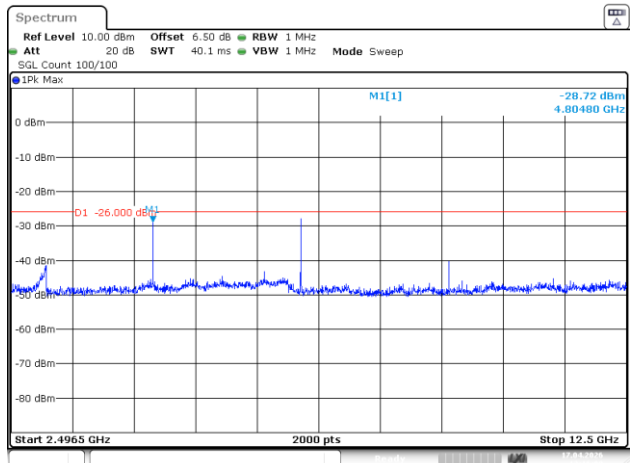
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Date: 17.APR.2026 13:14:36

BLE 2M_Low Channel(2.4835GHz~2.4965GHz)



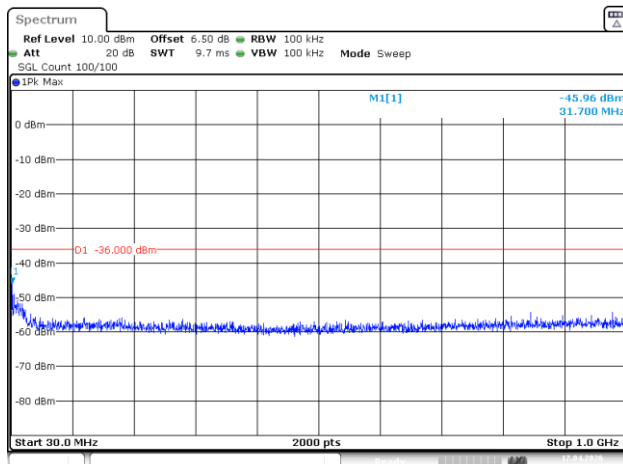
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Date: 17.APR.2026 13:14:48

BLE 2M_Low Channel(2.4965GHz~12.5GHz)



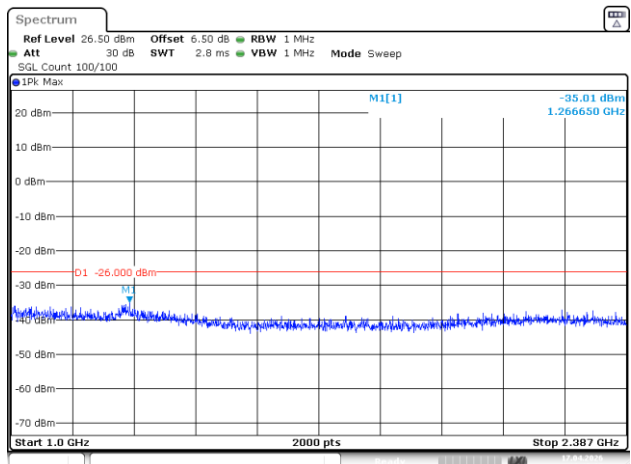
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Date: 17.APR.2026 13:16:08

BLE 2M_Middle Channel(30MHz~1GHz)



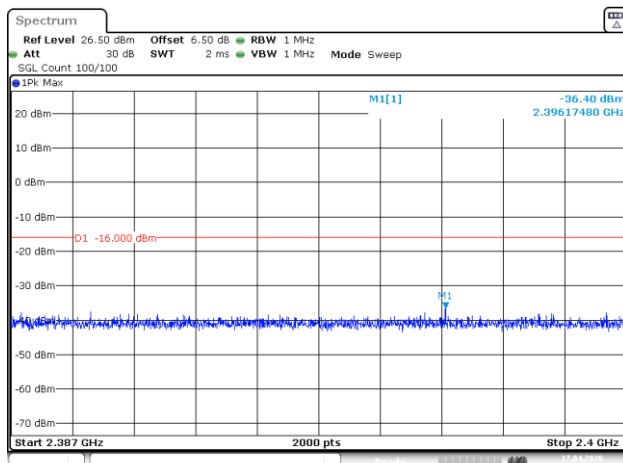
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Date: 17.APR.2026 13:16:55

BLE 2M_Middle Channel(1GHz~2.387GHz)



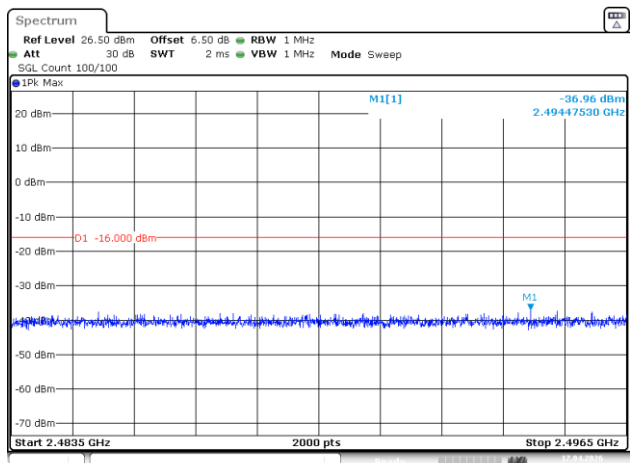
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Date: 17.APR.2026 13:17:07

BLE 2M_Middle Channel(2.387GHz~2.4GHz)



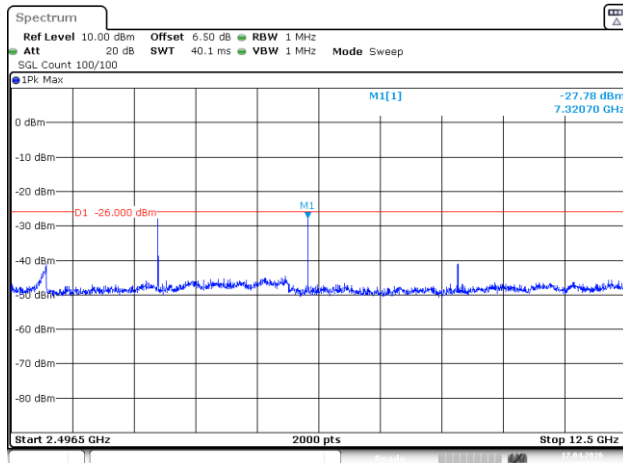
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:17:18

BLE 2M_Middle Channel(2.4835GHz~2.4965GHz)



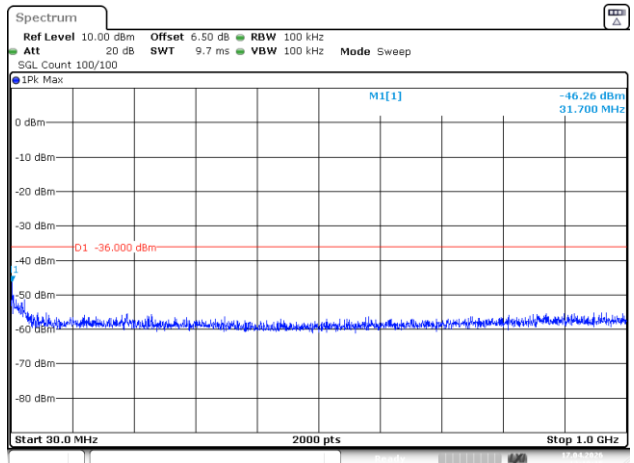
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Date: 17.APR.2026 13:17:32

BLE 2M_Middle Channel(2.4965GHz~12.5GHz)



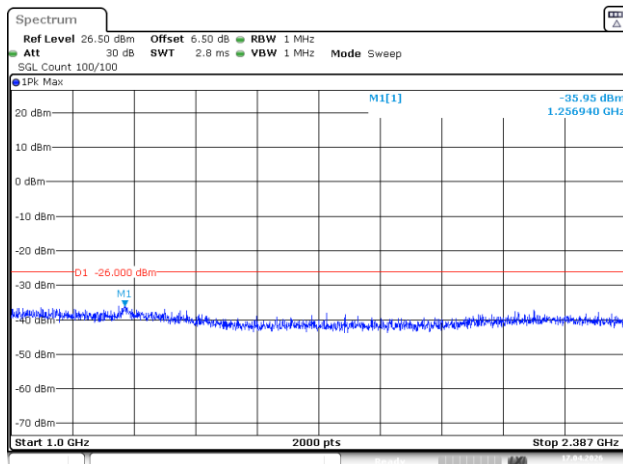
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Date: 17.APR.2026 13:18:34

BLE 2M_High Channel(30MHz~1GHz)



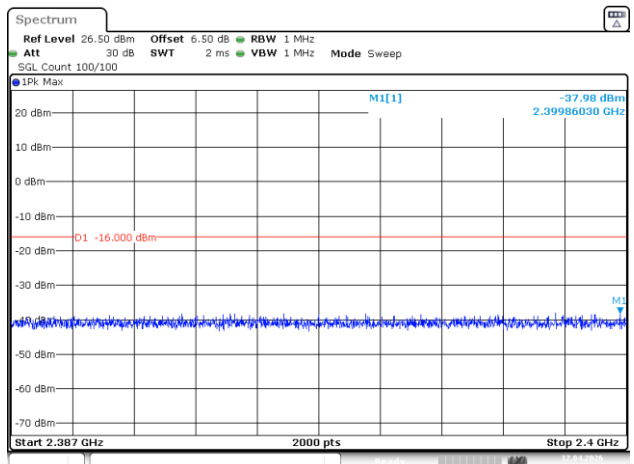
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:19:15

BLE 2M_High Channel(1GHz~2.387GHz)



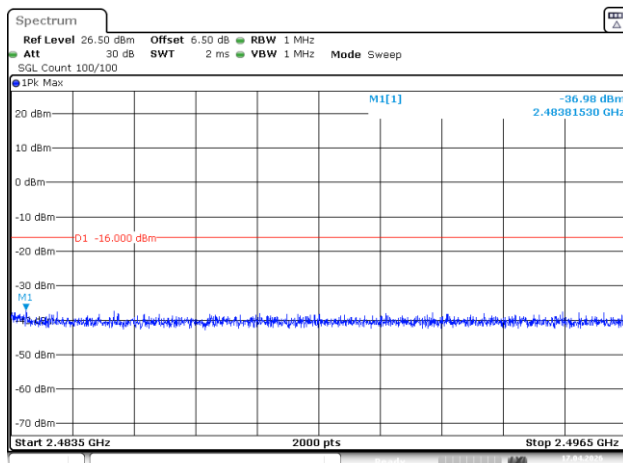
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:19:28

BLE 2M_High Channel(2.387GHz~2.4GHz)



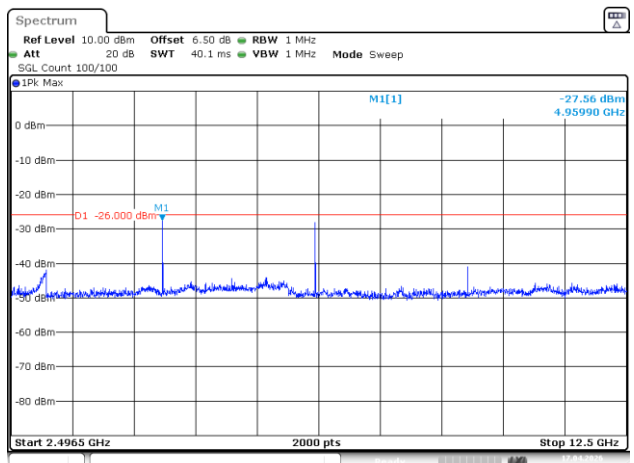
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:19:39

BLE 2M_High Channel(2.4835GHz~2.4965GHz)



ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:19:50

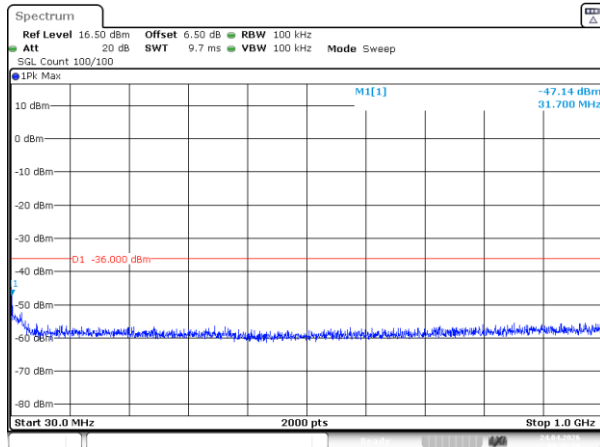
BLE 2M_High Channel(2.4965GHz~12.5GHz)



ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
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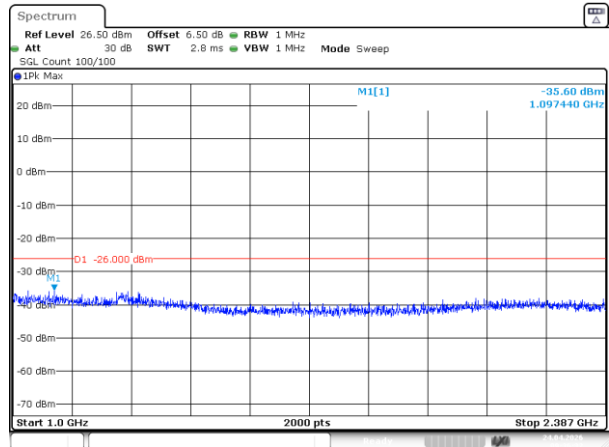
Test Condition: LV

BLE 1M_Low Channel(30MHz~1GHz)



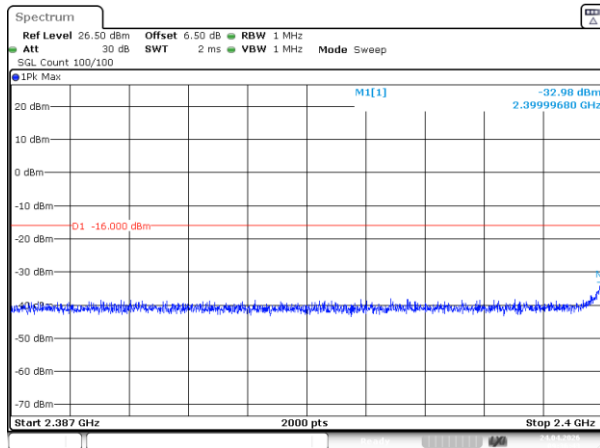
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:36:19

BLE 1M_Low Channel(1GHz~2.387GHz)



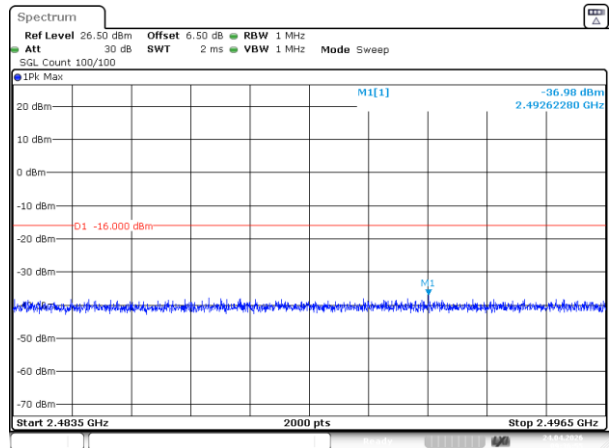
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Date: 24.APR.2026 09:36:32

BLE 1M_Low Channel(2.387GHz~2.4GHz)



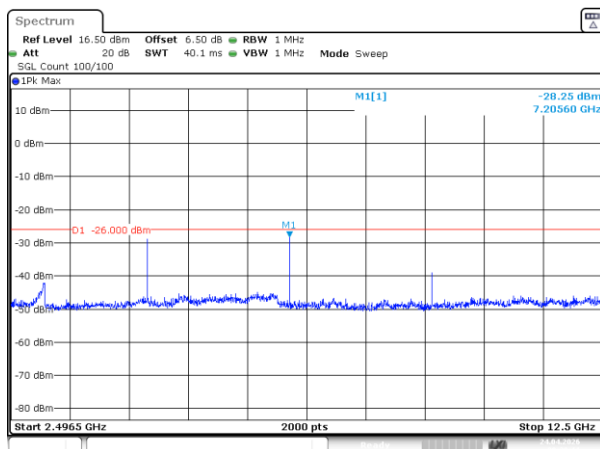
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BLE 1M_Low Channel(2.4835GHz~2.4965GHz)



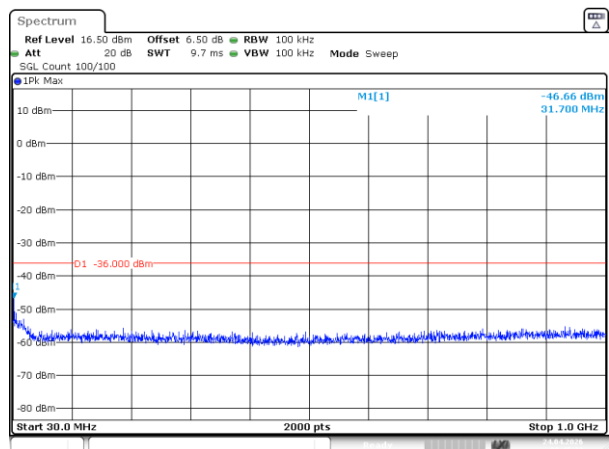
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Date: 24.APR.2026 09:36:54

BLE 1M_Low Channel(2.4965GHz~12.5GHz)



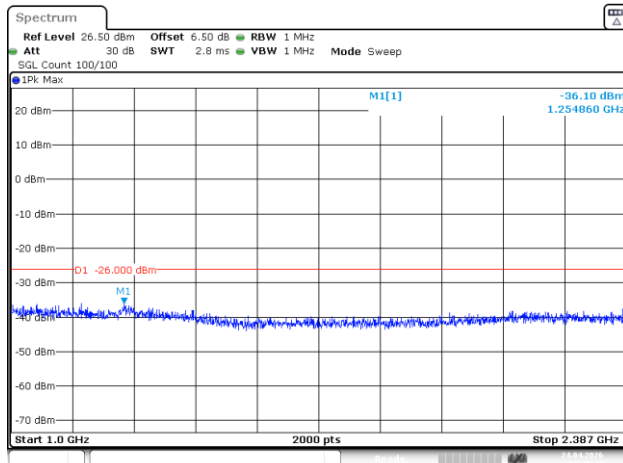
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:38:11

BLE 1M_Middle Channel(30MHz~1GHz)



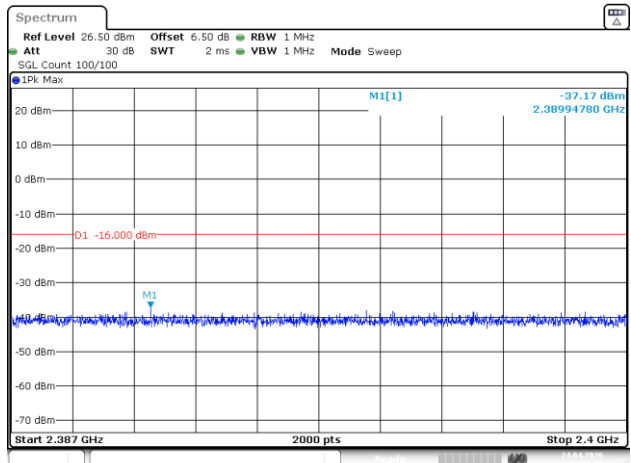
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:45:33

BLE 1M_Middle Channel(1GHz~2.387GHz)



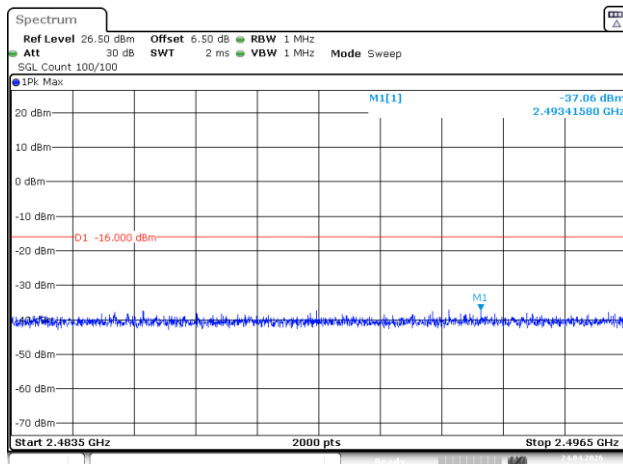
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:45:44

BLE 1M_Middle Channel(2.387GHz~2.4GHz)



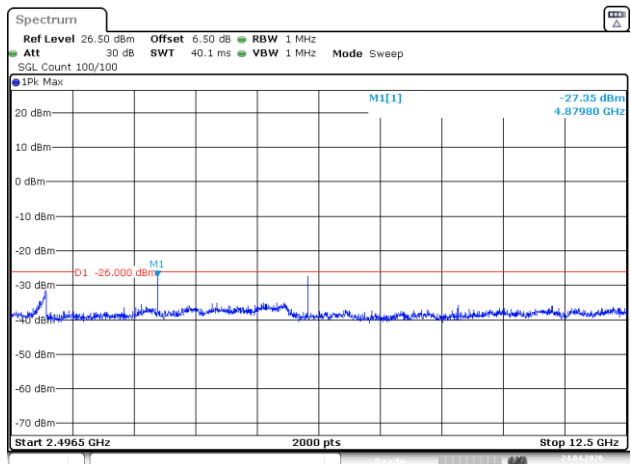
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:45:55

BLE 1M_Middle Channel(2.4835GHz~2.4965GHz)



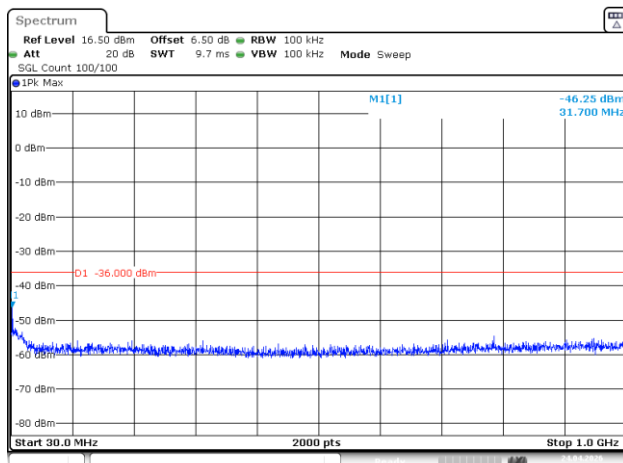
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:46:06

BLE 1M_Middle Channel(2.4965GHz~12.5GHz)



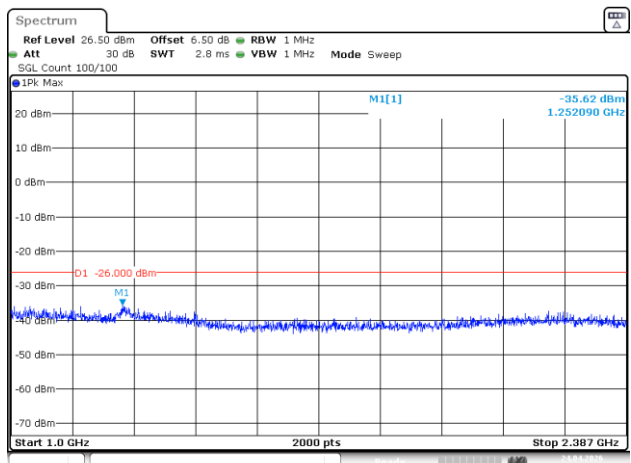
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:46:35

BLE 1M_High Channel(30MHz~1GHz)



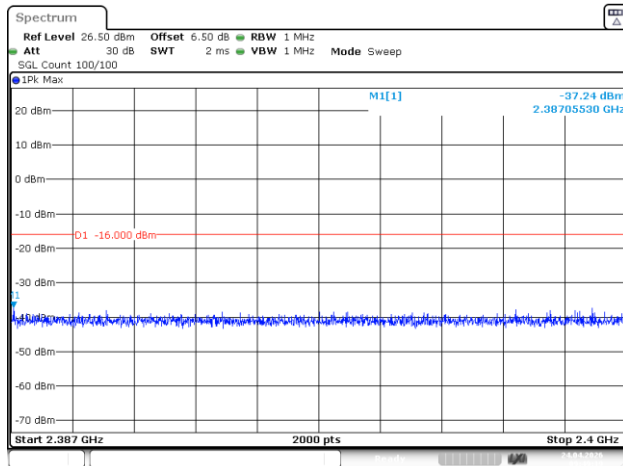
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:48:56

BLE 1M_High Channel(1GHz~2.387GHz)



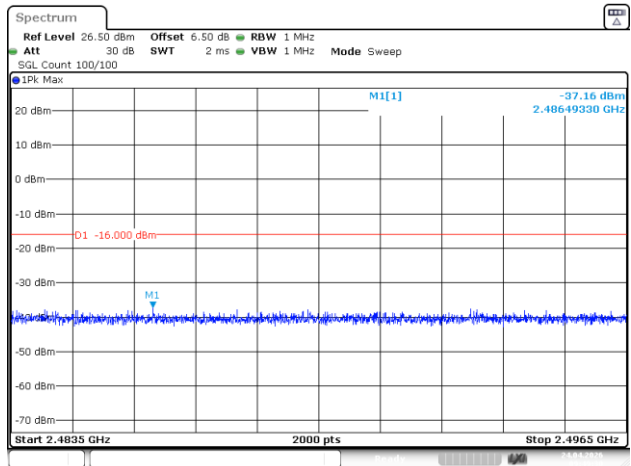
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:49:09

BLE 1M_High Channel(2.387GHz~2.4GHz)



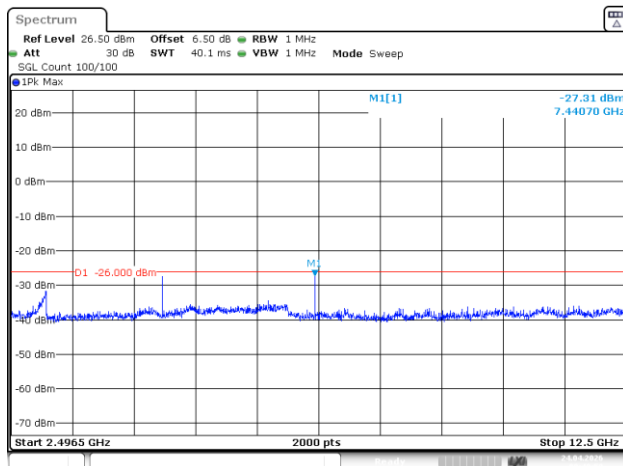
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:49:19

BLE 1M_High Channel(2.4835GHz~2.4965GHz)



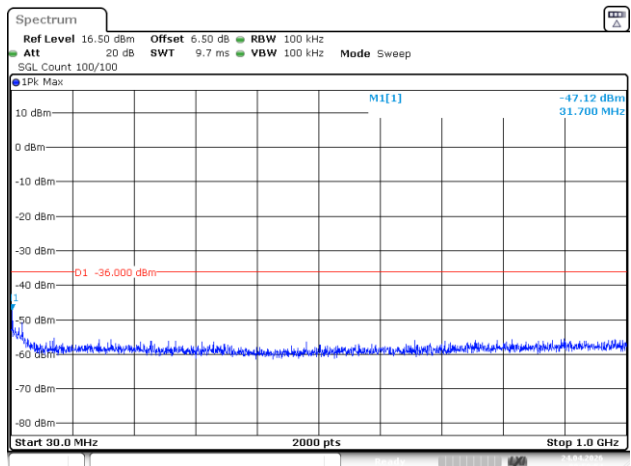
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:49:30

BLE 1M_High Channel(2.4965GHz~12.5GHz)



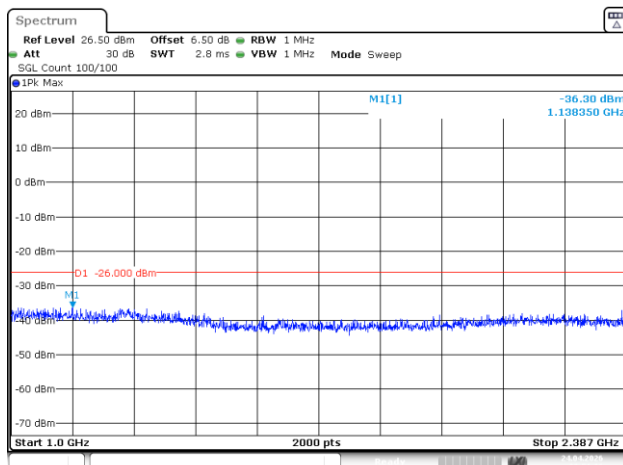
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:49:58

BLE 2M_Low Channel(30MHz~1GHz)



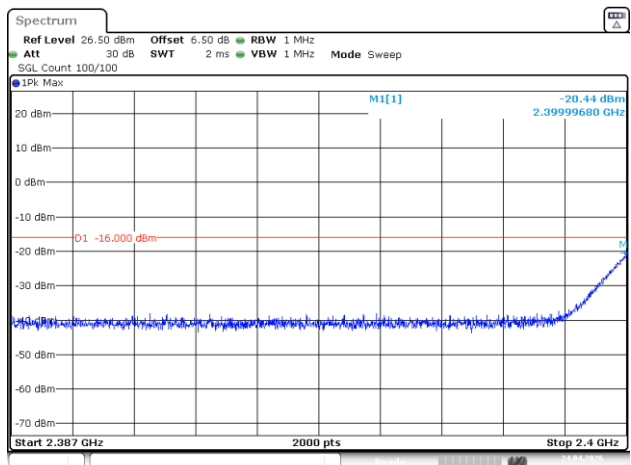
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:50:54

BLE 2M_Low Channel(1GHz~2.387GHz)



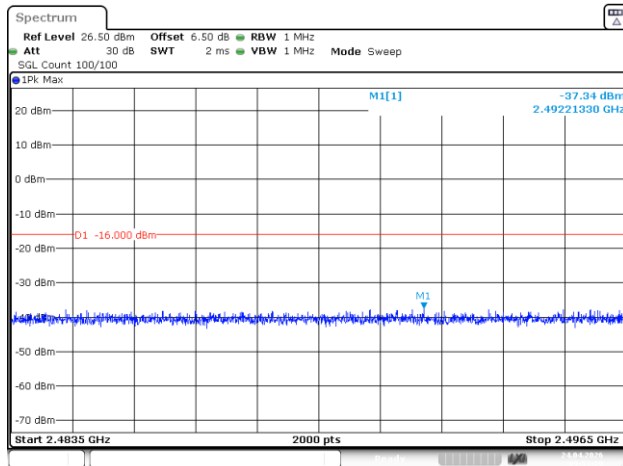
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:51:06

BLE 2M_Low Channel(2.387GHz~2.4GHz)



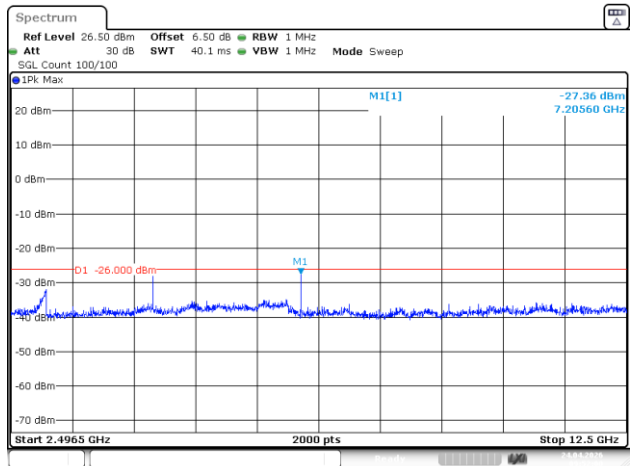
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:51:18

BLE 2M_Low Channel(2.4835GHz~2.4965GHz)



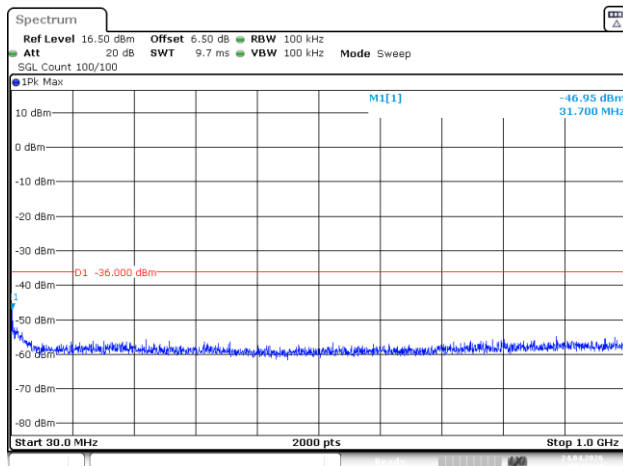
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:51:30

BLE 2M_Low Channel(2.4965GHz~12.5GHz)



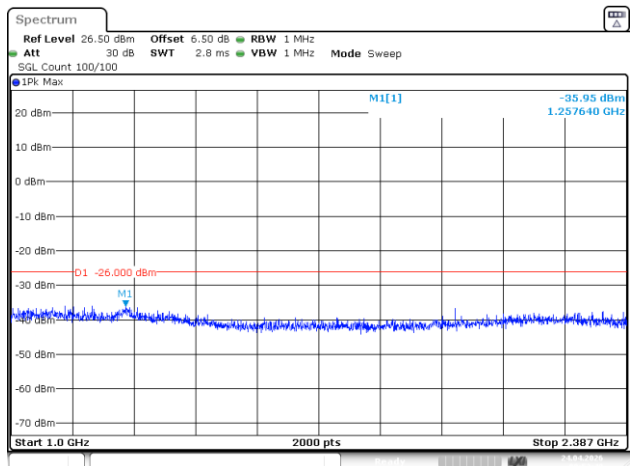
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:52:00

BLE 2M_Middle Channel(30MHz~1GHz)



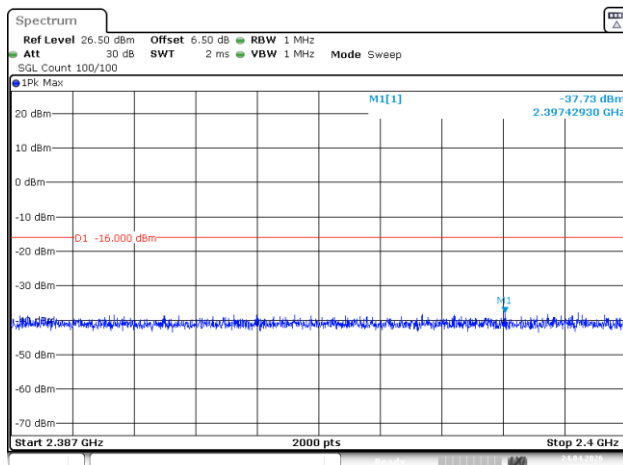
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:52:36

BLE 2M_Middle Channel(1GHz~2.387GHz)



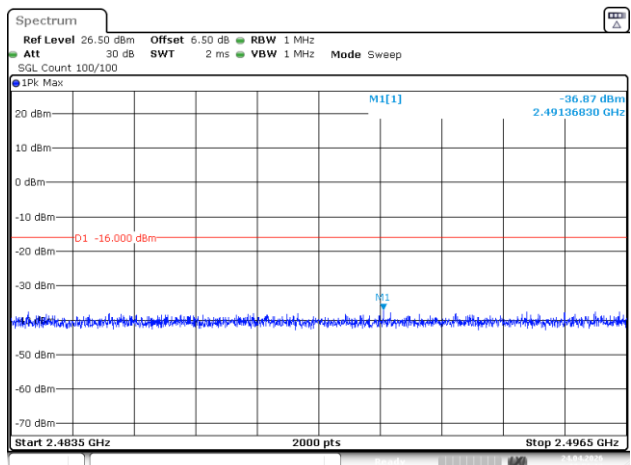
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:52:50

BLE 2M_Middle Channel(2.387GHz~2.4GHz)



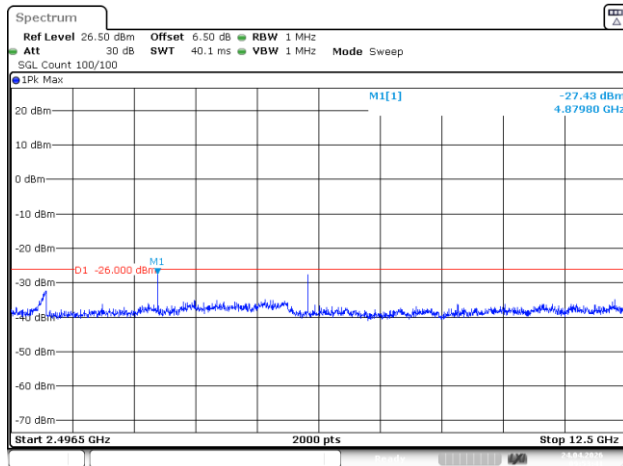
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:53:01

BLE 2M_Middle Channel(2.4835GHz~2.4965GHz)



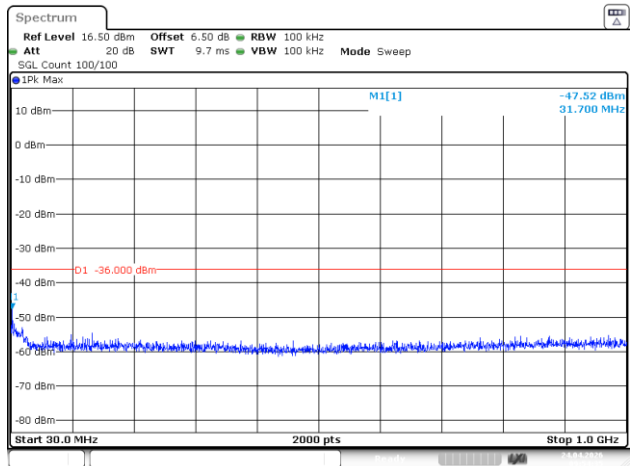
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:53:12

BLE 2M_Middle Channel(2.4965GHz~12.5GHz)



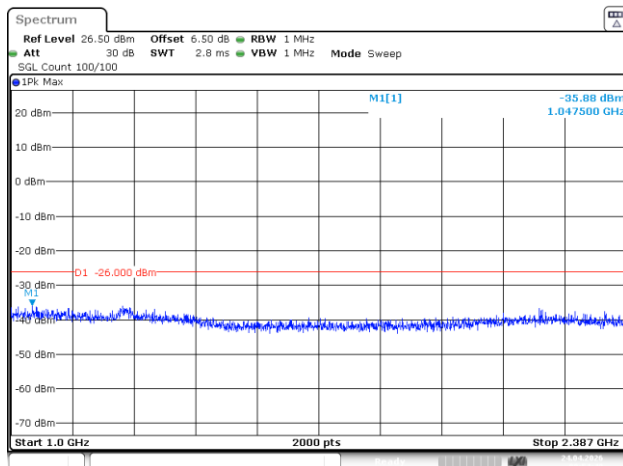
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:53:41

BLE 2M_High Channel(30MHz~1GHz)



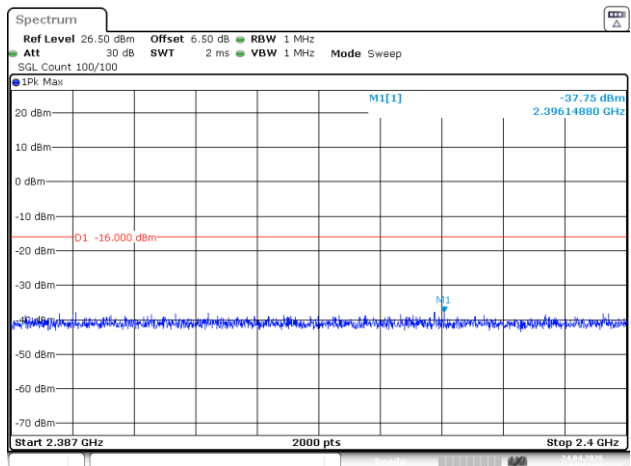
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:54:35

BLE 2M_High Channel(1GHz~2.387GHz)



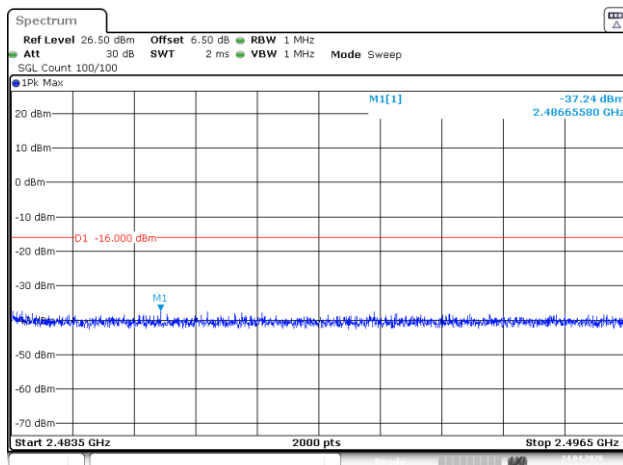
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:54:48

BLE 2M_High Channel(2.387GHz~2.4GHz)



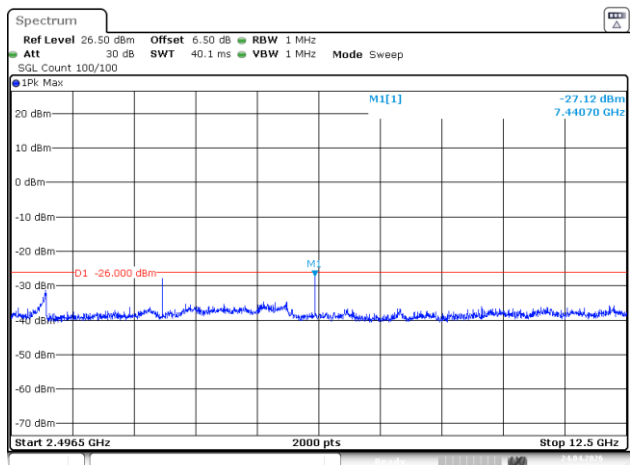
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:54:59

BLE 2M_High Channel(2.4835GHz~2.4965GHz)



ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:55:12

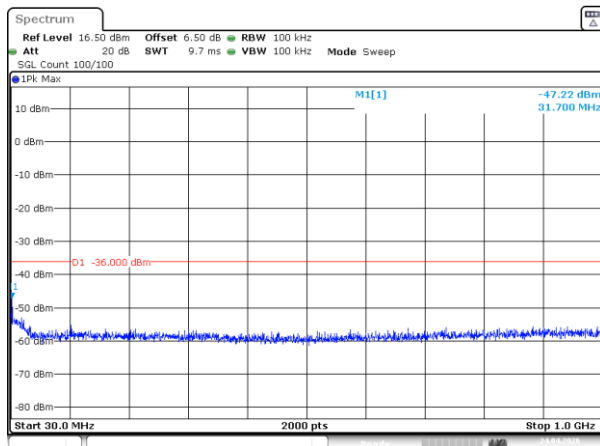
BLE 2M_High Channel(2.4965GHz~12.5GHz)



ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 09:55:41

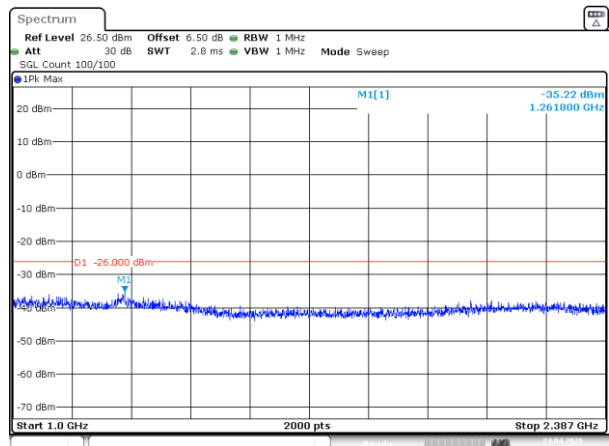
Test Condition: HV

BLE 1M_Low Channel(30MHz~1GHz)



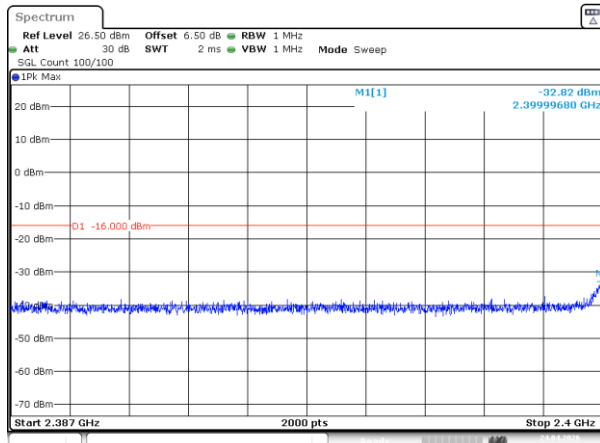
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
 Date: 24.APR.2026 10:28:53

BLE 1M_Low Channel(1GHz~2.387GHz)



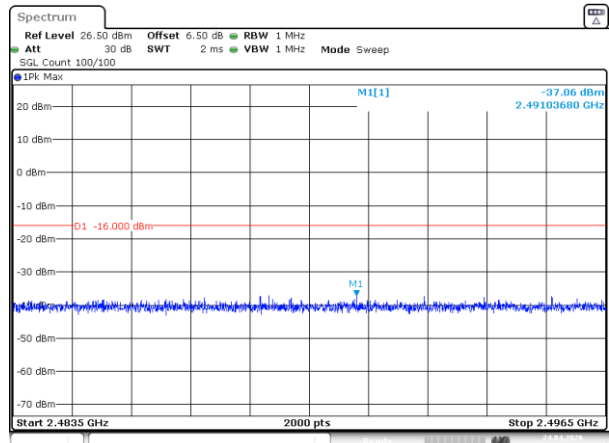
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
 Date: 24.APR.2026 10:29:06

BLE 1M_Low Channel(2.387GHz~2.4GHz)



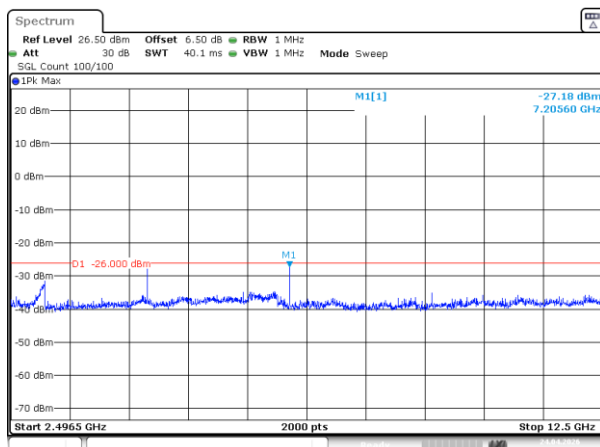
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
 Date: 24.APR.2026 10:29:17

BLE 1M_Low Channel(2.4835GHz~2.4965GHz)



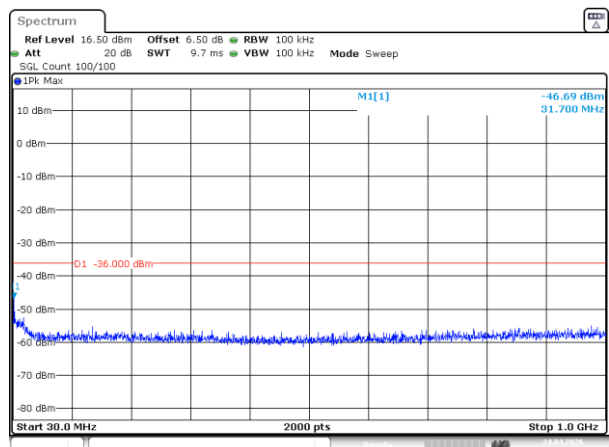
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
 Date: 24.APR.2026 10:29:28

BLE 1M_Low Channel(2.4965GHz~12.5GHz)



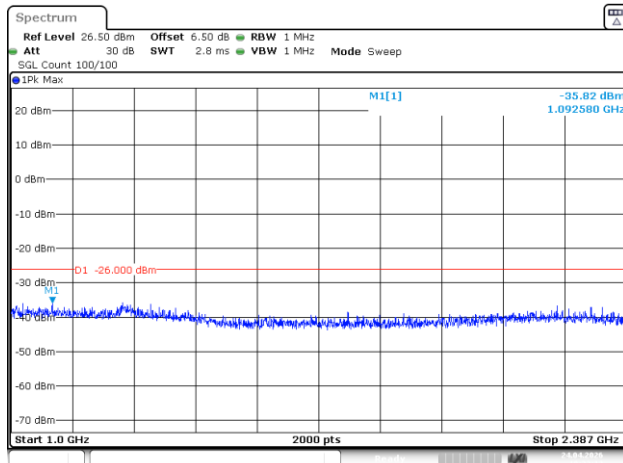
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
 Date: 24.APR.2026 10:29:59

BLE 1M_Middle Channel(30MHz~1GHz)



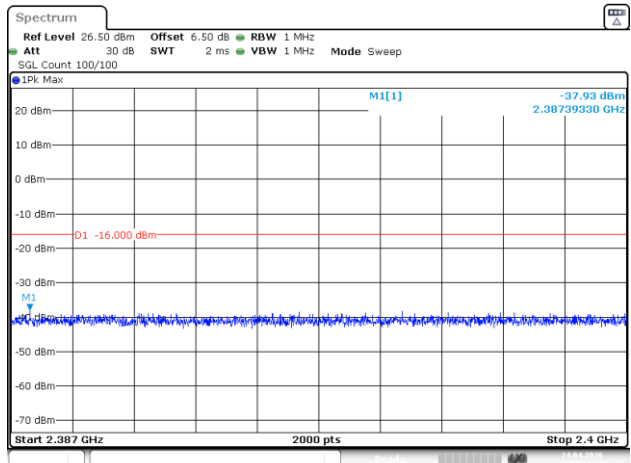
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
 Date: 24.APR.2026 10:32:00

BLE 1M_Middle Channel(1GHz~2.387GHz)



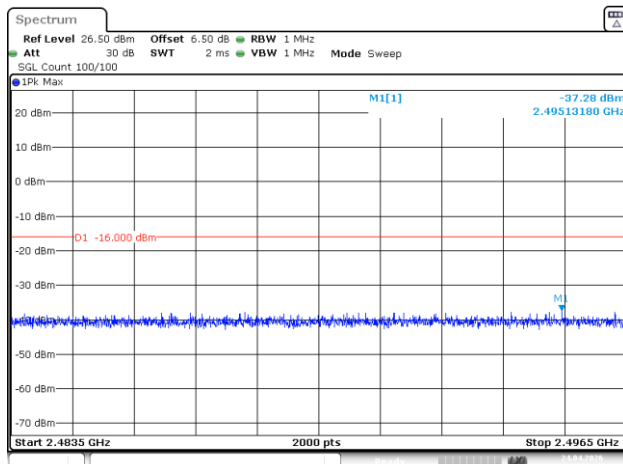
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:32:13

BLE 1M_Middle Channel(2.387GHz~2.4GHz)



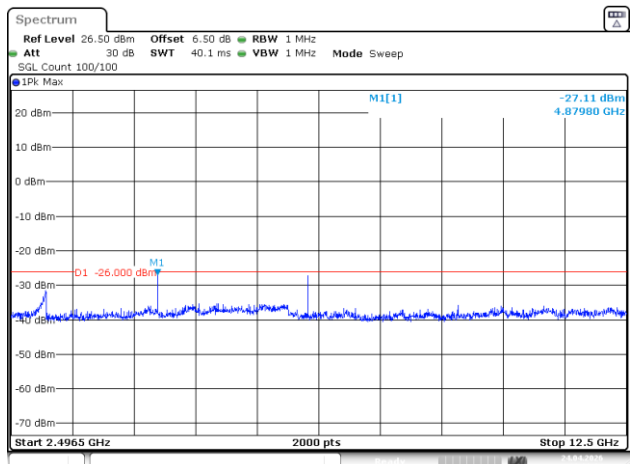
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:32:24

BLE 1M_Middle Channel(2.4835GHz~2.4965GHz)



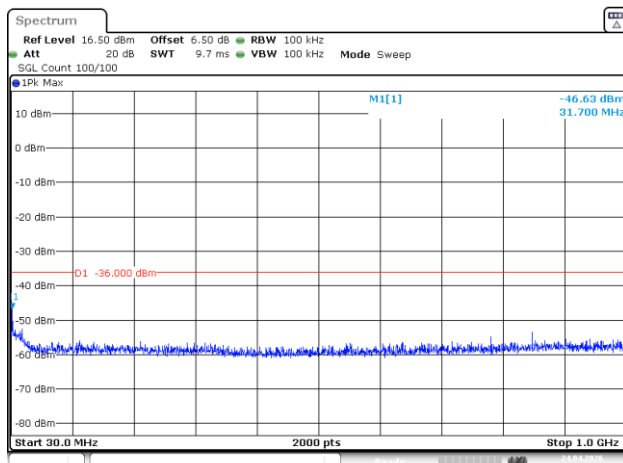
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:32:35

BLE 1M_Middle Channel(2.4965GHz~12.5GHz)



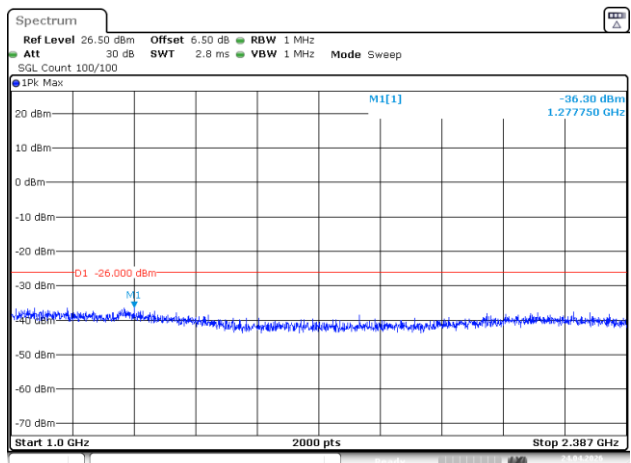
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:33:05

BLE 1M_High Channel(30MHz~1GHz)



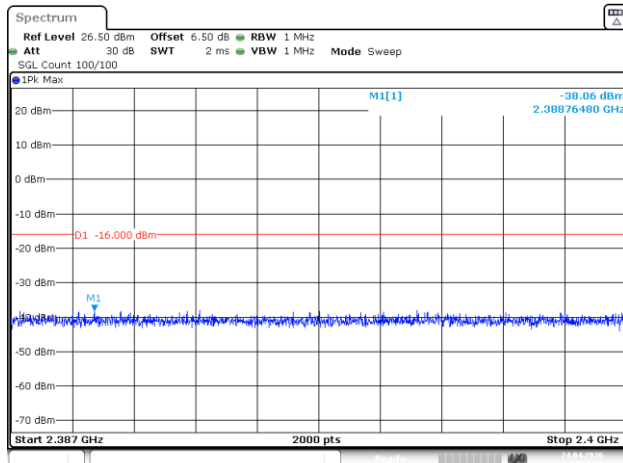
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:35:32

BLE 1M_High Channel(1GHz~2.387GHz)



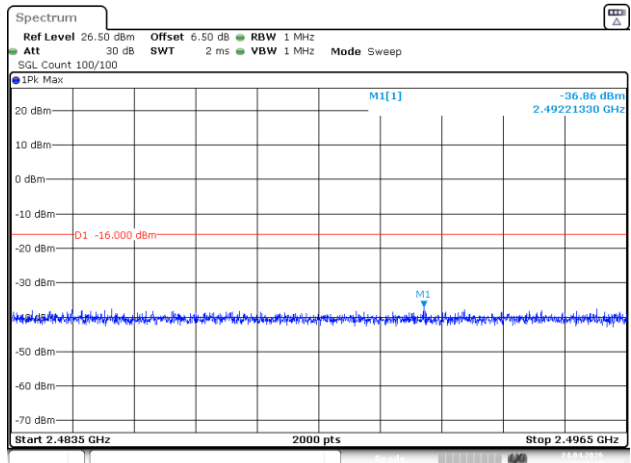
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:35:46

BLE 1M_High Channel(2.387GHz~2.4GHz)



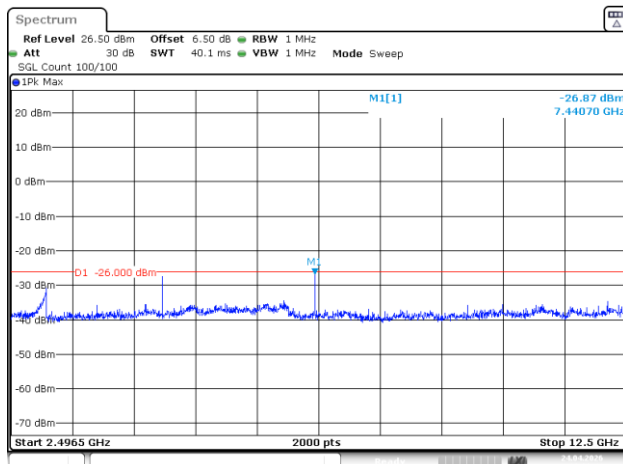
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:35:58

BLE 1M_High Channel(2.4835GHz~2.4965GHz)



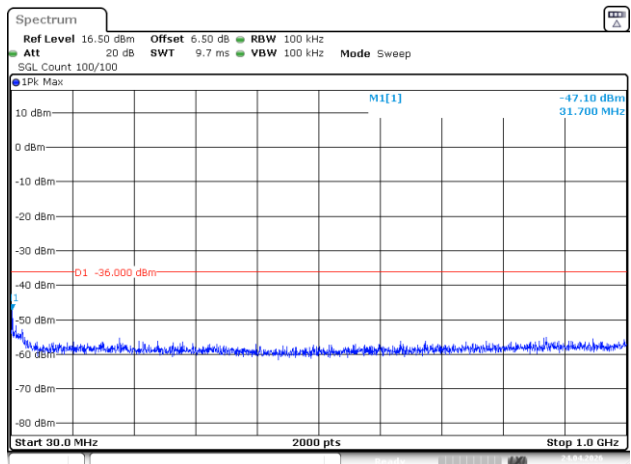
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:36:10

BLE 1M_High Channel(2.4965GHz~12.5GHz)



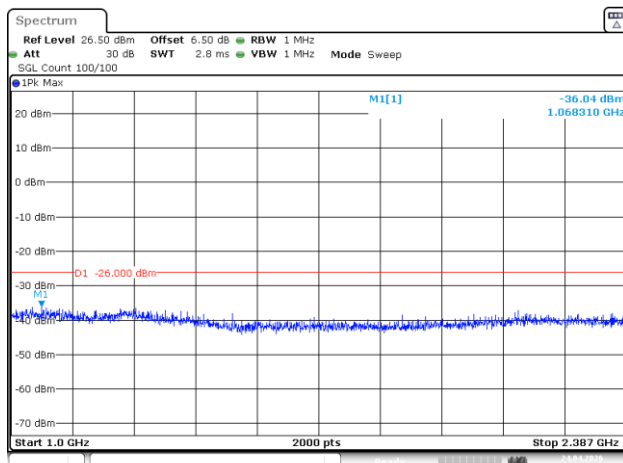
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:36:41

BLE 2M_Low Channel(30MHz~1GHz)



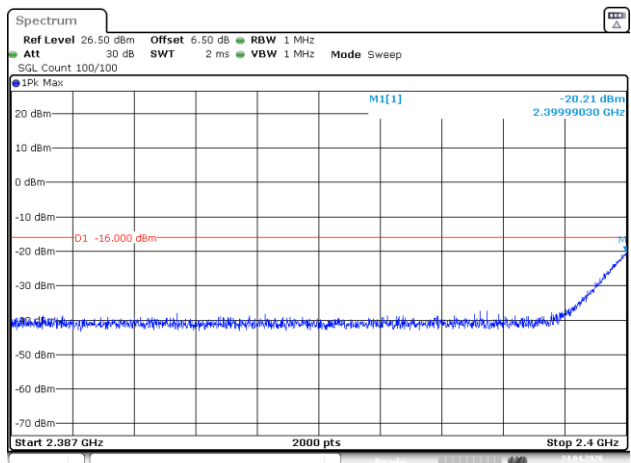
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:38:23

BLE 2M_Low Channel(1GHz~2.387GHz)



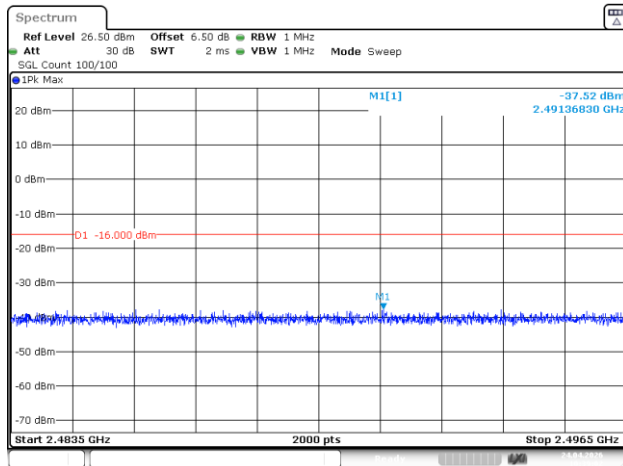
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:38:37

BLE 2M_Low Channel(2.387GHz~2.4GHz)



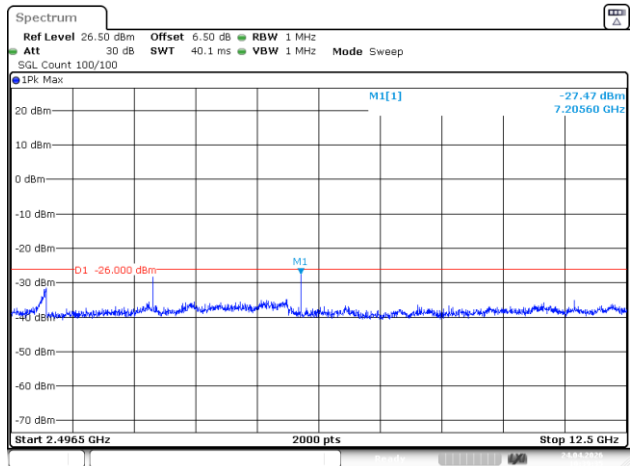
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:38:50

BLE 2M_Low Channel(2.4835GHz~2.4965GHz)



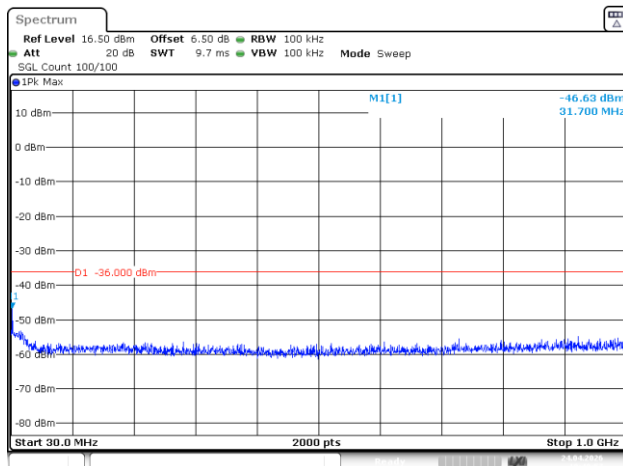
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:39:03

BLE 2M_Low Channel(2.4965GHz~12.5GHz)



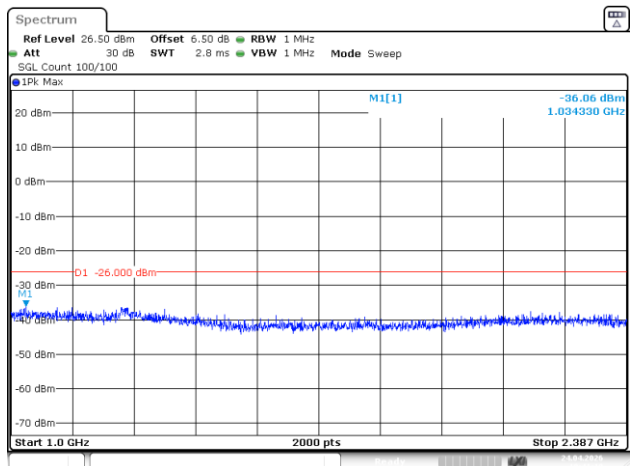
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:39:35

BLE 2M_Middle Channel(30MHz~1GHz)



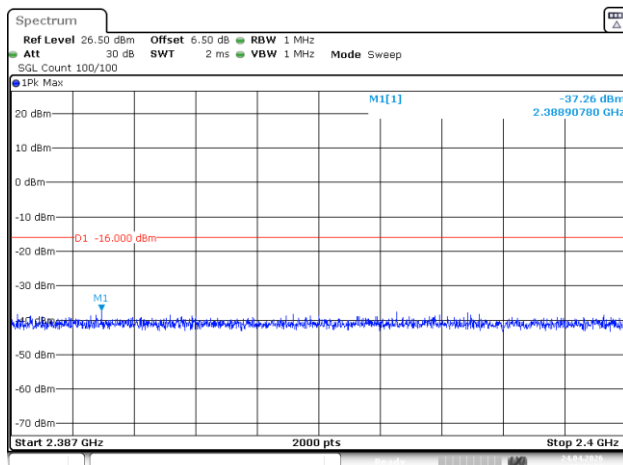
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:40:57

BLE 2M_Middle Channel(1GHz~2.387GHz)



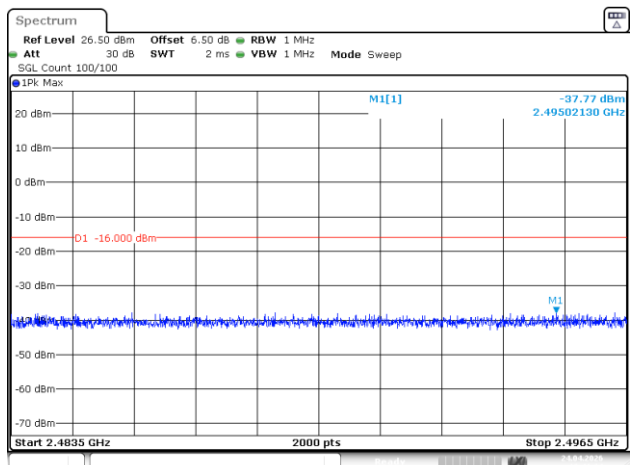
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:41:10

BLE 2M_Middle Channel(2.387GHz~2.4GHz)



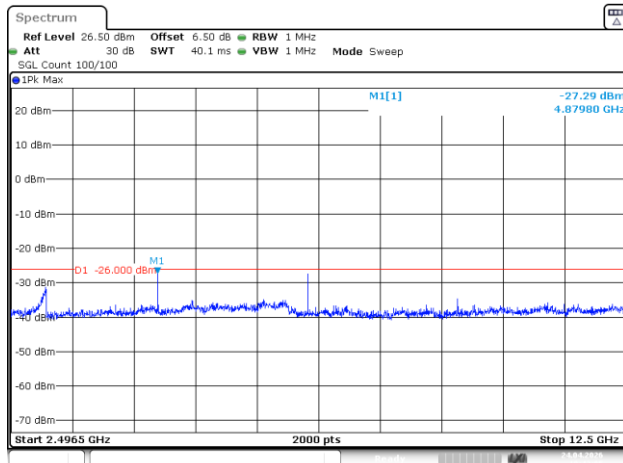
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:41:22

BLE 2M_Middle Channel(2.4835GHz~2.4965GHz)



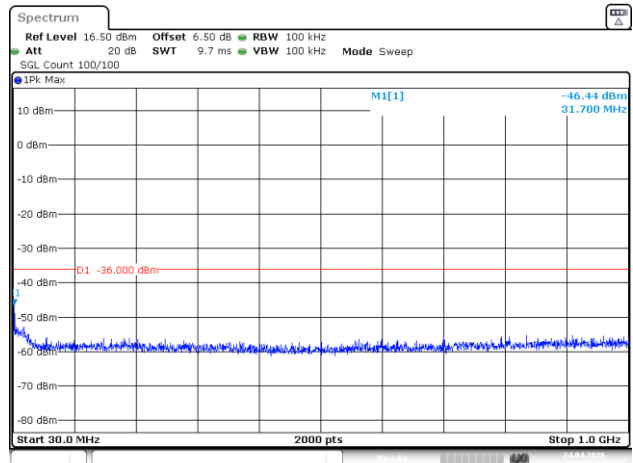
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:41:33

BLE 2M_Middle Channel(2.4965GHz~12.5GHz)



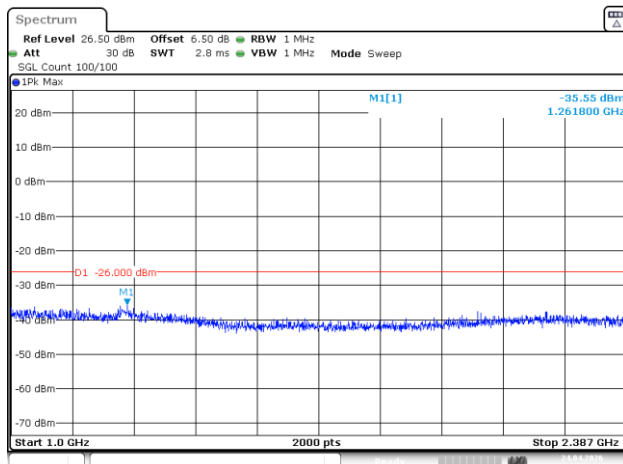
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:42:05

BLE 2M_High Channel(30MHz~1GHz)



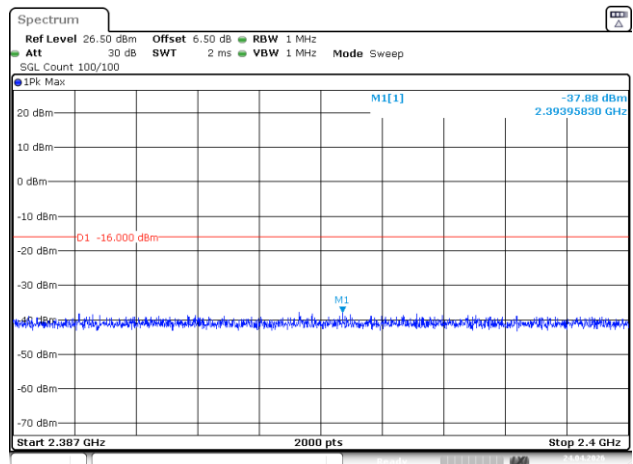
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:43:49

BLE 2M_High Channel(1GHz~2.387GHz)



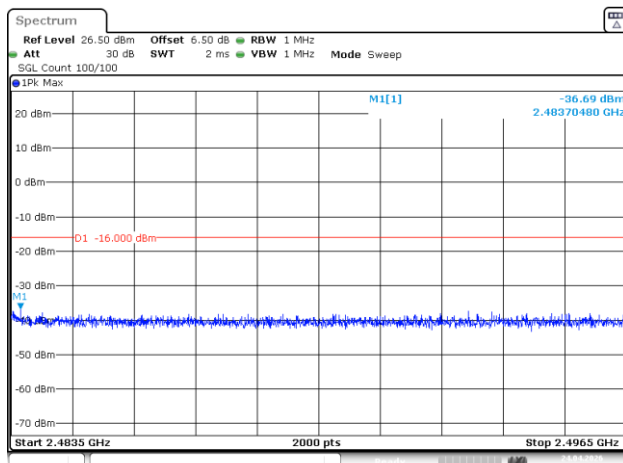
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:44:03

BLE 2M_High Channel(2.387GHz~2.4GHz)



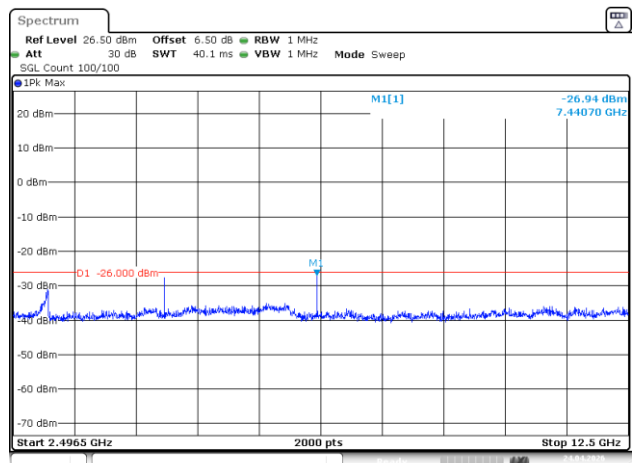
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:44:15

BLE 2M_High Channel(2.4835GHz~2.4965GHz)



ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:44:28

BLE 2M_High Channel(2.4965GHz~12.5GHz)



ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:44:58

3.3.4 Antenna Output Power and Output Power Tolerance

Test Condition: NV

Mode	Antenna gain (dBi)	Declared power (mW)
BLE 1M	0.81	0.70
BLE 2M		0.70

Mode	Channel	Conducted power(dBm)	Antenna output power(mW)		Antenna output tolerance(%)		EIRP (dBm)		Verdict
			Result	Limit	Result	Limit	Result	Limit	
BLE 1M	Low	-2.83	0.521	≤ 10	-25.57	≤ 20	-2.02	≤ 12.14	Pass
	Middle	-2.35	0.582		-16.86		-1.54		Pass
	High	-1.84	0.655		-6.43		-1.03		Pass
BLE 2M	Low	-3.27	0.471	≤ 10	-32.71	≤ 20	-2.46	≤ 12.14	Pass
	Middle	-2.99	0.502		-28.29		-2.18		Pass
	High	-2.49	0.564		-19.43		-1.68		Pass

Test Condition: LV

Mode	Antenna gain (dBi)	Declared power (mW)
BLE 1M	0.81	0.70
BLE 2M		0.70

Mode	Channel	Conducted power(dBm)	Antenna output power(mW)		Antenna output tolerance(%)		EIRP (dBm)		Verdict
			Result	Limit	Result	Limit	Result	Limit	
BLE 1M	Low	-3.27	0.471	≤ 10	-32.71	≤ 20	-2.46	≤ 12.14	Pass
	Middle	-2.56	0.555		-20.71		-1.75		Pass
	High	-2.10	0.617		-11.86		-1.29		Pass
BLE 2M	Low	-3.98	0.400	≤ 10	-42.86	≤ 20	-3.17	≤ 12.14	Pass
	Middle	-3.41	0.456		-34.86		-2.60		Pass
	High	-2.72	0.535		-23.57		-1.91		Pass

Test Condition: HV

Mode	Antenna gain (dBi)	Declared power (mW)
BLE 1M	0.81	0.70
BLE 2M		0.70

Mode	Channel	Conducted power(dBm)	Antenna output power(mW)		Antenna output tolerance(%)		EIRP (dBm)		Verdict
			Result	Limit	Result	Limit	Result	Limit	
BLE 1M	Low	-3.28	0.470	≤ 10	-32.86	≤ 20	-2.47	≤ 12.14	Pass
	Middle	-2.65	0.543		-22.43		-1.84		Pass
	High	-2.12	0.614		-12.29		-1.31		Pass
BLE 2M	Low	-3.74	0.423	≤ 10	-39.57	≤ 20	-2.93	≤ 12.14	Pass
	Middle	-3.35	0.462		-34.00		-2.54		Pass
	High	-2.53	0.558		-20.29		-1.72		Pass

Note:

Antenna output power(mW) = $10^{\{\text{Conducted power(dBm)} / 10\}}$

Antenna output power tolerance(%) = $(\text{Antenna output power} - \text{Declared power}) / \text{Declared power} * 100\%$

Antenna output power(dBm) = $10 * \log_{10}\{\text{Antenna output power(mW)}\}$

EIRP(dBm) = Antenna output power(dBm) + Antenna gain.

3.3.5 Receiver Spurious Emission and Unwanted Emission Intensity

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 1M	Low	Band I (100kHz)	30	1000	31.77	-65.46	0.284	4	Pass
		Band II (1MHz)	1000	12500	2523.46	-53.82	4.150	20	Pass
	Middle	Band I (100kHz)	30	1000	31.77	-65.64	0.273	4	Pass
		Band II (1MHz)	1000	12500	2607.41	-56.21	2.393	20	Pass
	High	Band I (100kHz)	30	1000	31.77	-64.71	0.338	4	Pass
		Band II (1MHz)	1000	12500	2532.09	-59.52	1.117	20	Pass
BLE 2M	Low	Band I (100kHz)	30	1000	31.77	-65.67	0.271	4	Pass
		Band II (1MHz)	1000	12500	3404.36	-55.92	2.559	20	Pass
	Middle	Band I (100kHz)	30	1000	31.77	-66.02	0.250	4	Pass
		Band II (1MHz)	1000	12500	2522.31	-60.34	0.925	20	Pass
	High	Band I (100kHz)	30	1000	31.77	-65.22	0.301	4	Pass
		Band II (1MHz)	1000	12500	2606.26	-56.19	2.404	20	Pass

Test Condition: LV

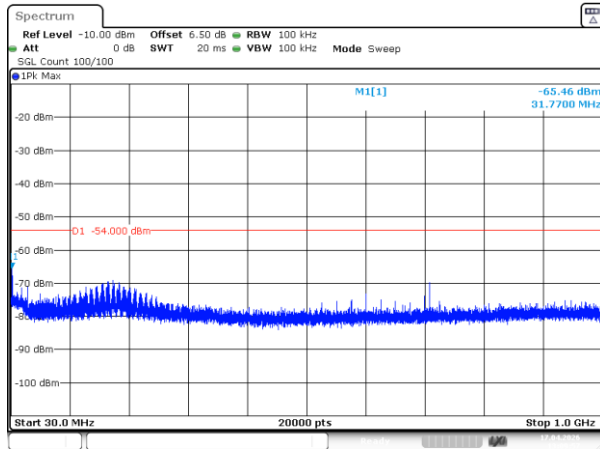
Mode	Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm)	Result (nW)	Limit (nW)	Verdict
			Start (MHz)	Stop (MHz)					
BLE 1M	Low	Band I (100kHz)	30	1000	31.77	-65.92	0.256	4	Pass
		Band II (1MHz)	1000	12500	3452.09	-61.88	0.649	20	Pass
	Middle	Band I (100kHz)	30	1000	31.77	-66.43	0.228	4	Pass
		Band II (1MHz)	1000	12500	2581.54	-59.53	1.114	20	Pass
	High	Band I (100kHz)	30	1000	31.77	-66.70	0.214	4	Pass
		Band II (1MHz)	1000	12500	2520.01	-60.30	0.933	20	Pass
BLE 2M	Low	Band I (100kHz)	30	1000	31.77	-66.29	0.235	4	Pass
		Band II (1MHz)	1000	12500	2583.26	-59.89	1.026	20	Pass
	Middle	Band I (100kHz)	30	1000	31.77	-65.56	0.278	4	Pass
		Band II (1MHz)	1000	12500	2426.29	-59.75	1.059	20	Pass
	High	Band I (100kHz)	30	1000	31.722	-66.20	0.240	4	Pass
		Band II (1MHz)	1000	12500	4878.09	-61.16	0.766	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 1M	Low	Band I (100kHz)	30	1000	31.77	-66.22	0.239	4	Pass
		Band II (1MHz)	1000	12500	2457.34	-58.86	1.300	20	Pass
	Middle	Band I (100kHz)	30	1000	31.77	-65.72	0.268	4	Pass
		Band II (1MHz)	1000	12500	2468.26	-53.61	4.355	20	Pass
	High	Band I (100kHz)	30	1000	31.77	-65.85	0.260	4	Pass
		Band II (1MHz)	1000	12500	3413.56	-56.50	2.239	20	Pass
BLE 2M	Low	Band I (100kHz)	30	1000	31.77	-65.84	0.261	4	Pass
		Band II (1MHz)	1000	12500	5834.89	-56.17	2.415	20	Pass
	Middle	Band I (100kHz)	30	1000	31.77	-66.29	0.235	4	Pass
		Band II (1MHz)	1000	12500	2456.76	-60.07	0.984	20	Pass
	High	Band I (100kHz)	30	1000	31.77	-65.79	0.264	4	Pass
		Band II (1MHz)	1000	12500	2545.31	-59.46	1.132	20	Pass

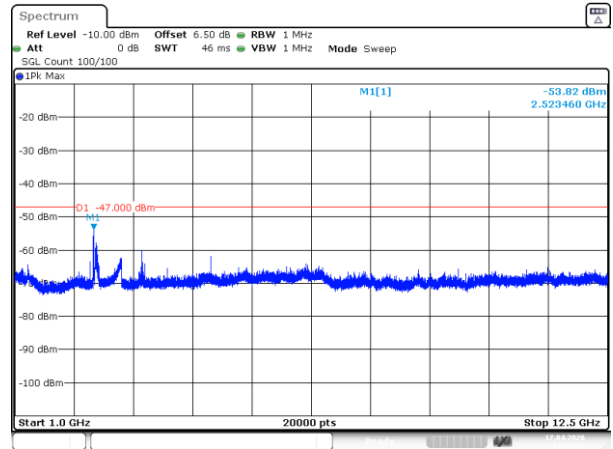
Test Condition: NV

BLE 1M_Low Channel(30MHz~1GHz)



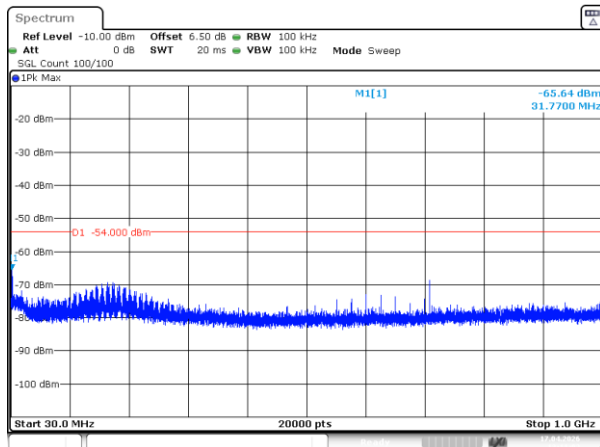
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:09:57

BLE 1M_Low Channel(1GHz~12.5GHz)



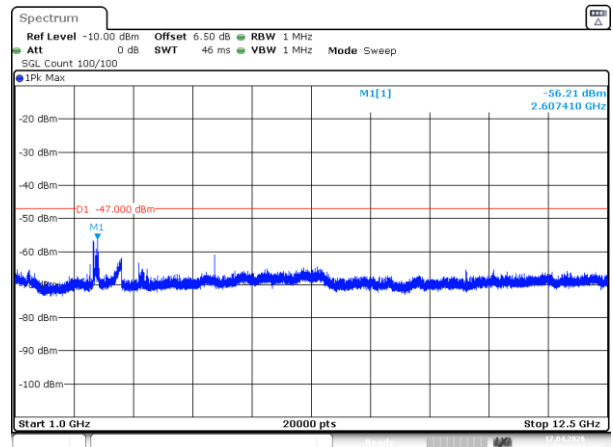
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:10:30

BLE 1M_Middle Channel(30MHz~1GHz)



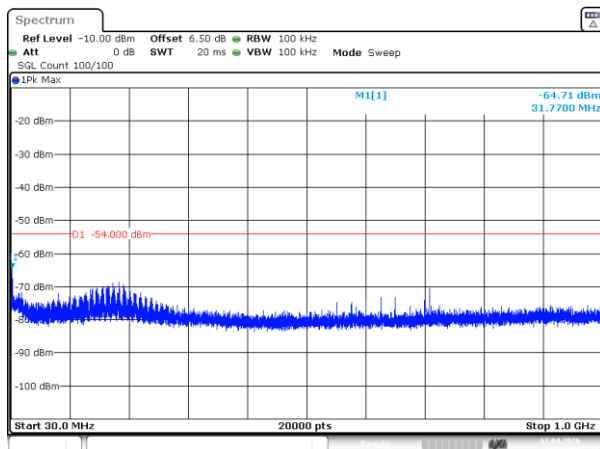
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:11:03

BLE 1M_Middle Channel(1GHz~12.5GHz)



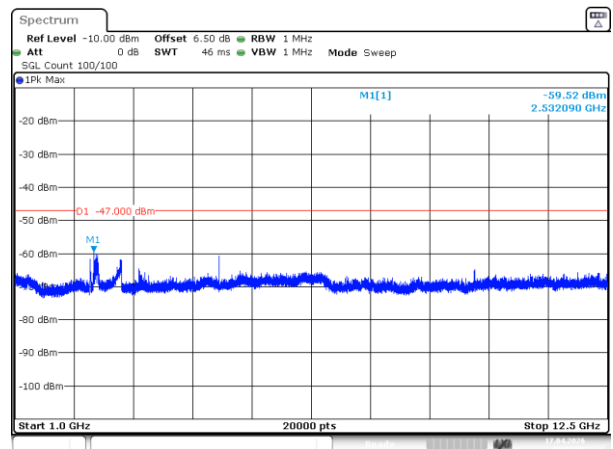
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:11:35

BLE 1M_High Channel(30MHz~1GHz)



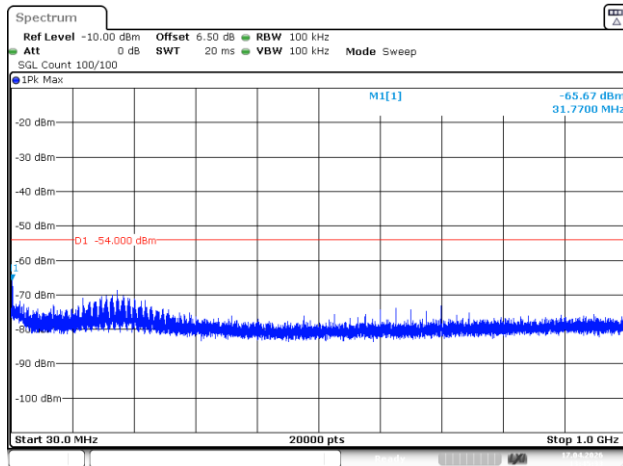
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:12:06

BLE 1M_High Channel(1GHz~12.5GHz)



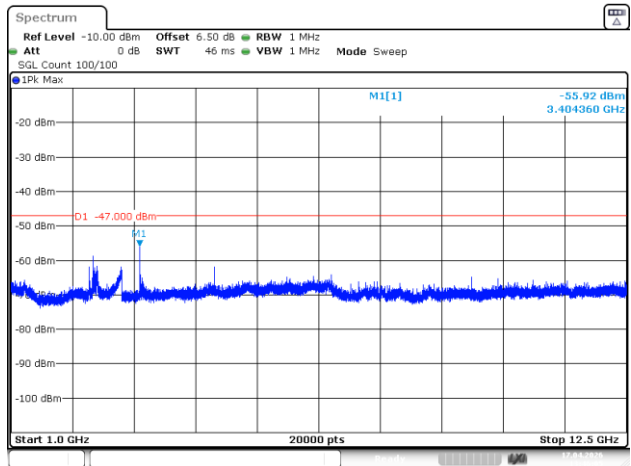
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:12:39

BLE 2M_Low Channel(30MHz~1GHz)



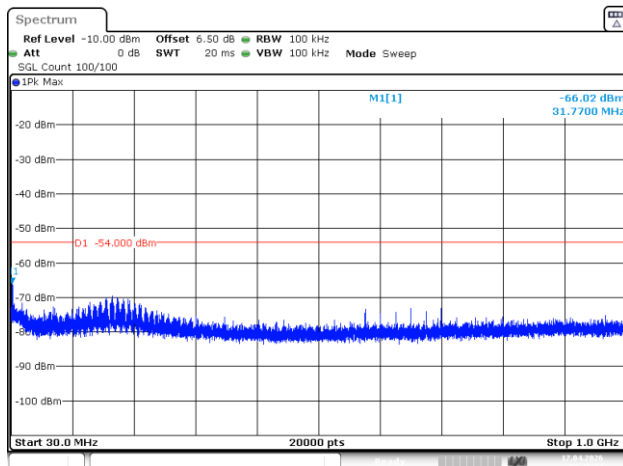
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:45:34

BLE 2M_Low Channel(1GHz~12.5GHz)



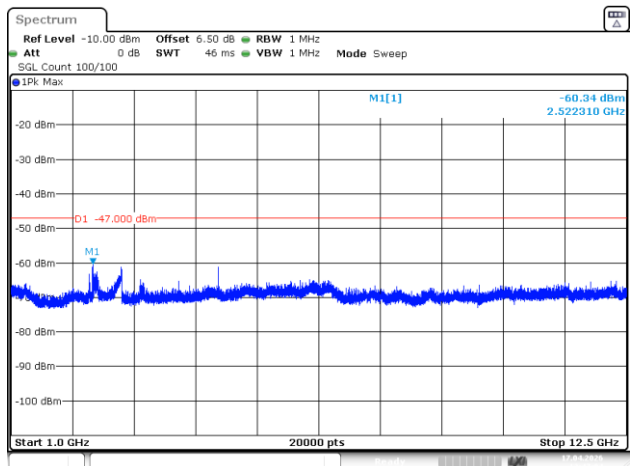
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:46:06

BLE 2M_Middle Channel(30MHz~1GHz)



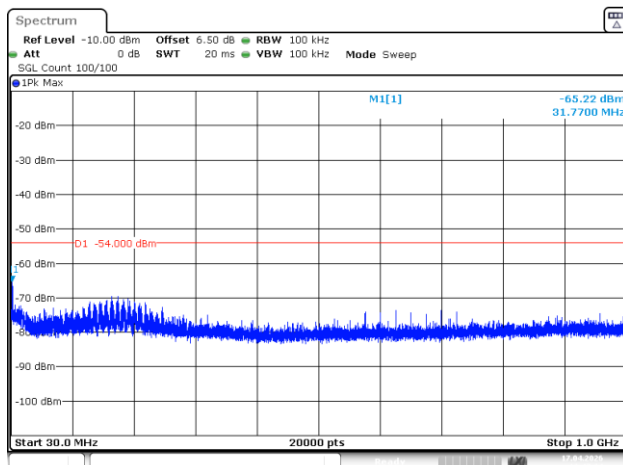
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:46:32

BLE 2M_Middle Channel(1GHz~12.5GHz)



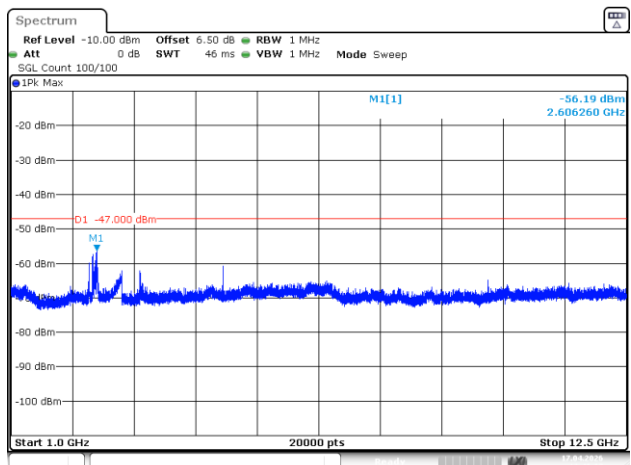
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:47:04

BLE 2M_High Channel(30MHz~1GHz)



ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:47:35

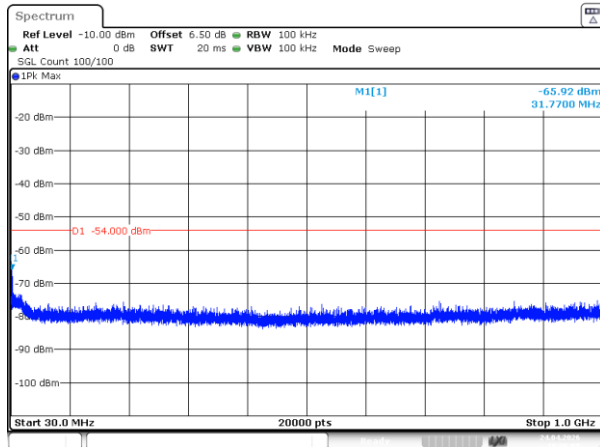
BLE 2M_High Channel(1GHz~12.5GHz)



ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 17.APR.2026 13:48:06

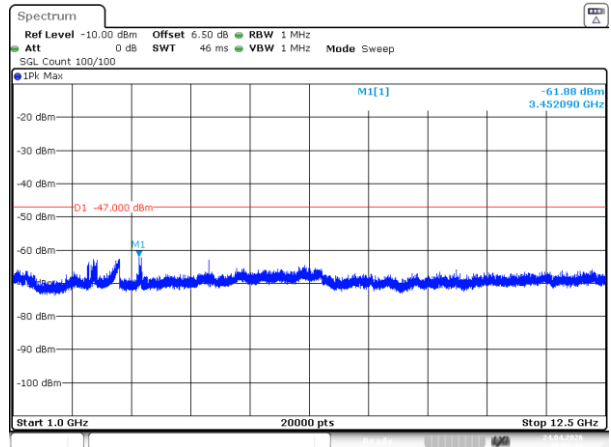
Test Condition: LV

BLE 1M_Low Channel(30MHz~1GHz)



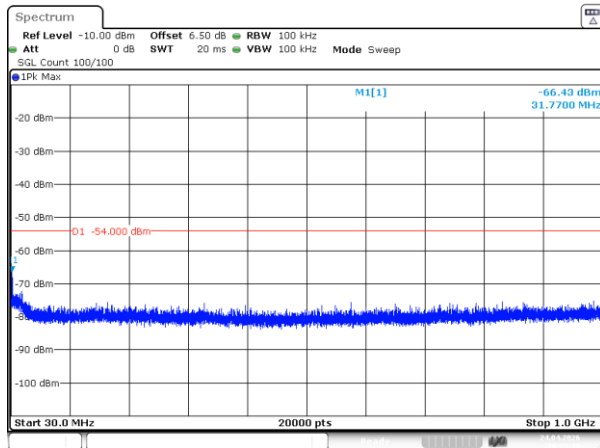
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:06:08

BLE 1M_Low Channel(1GHz~12.5GHz)



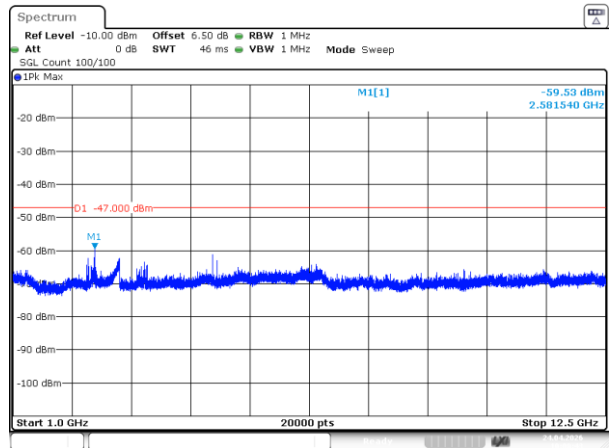
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:07:31

BLE 1M_Middle Channel(30MHz~1GHz)



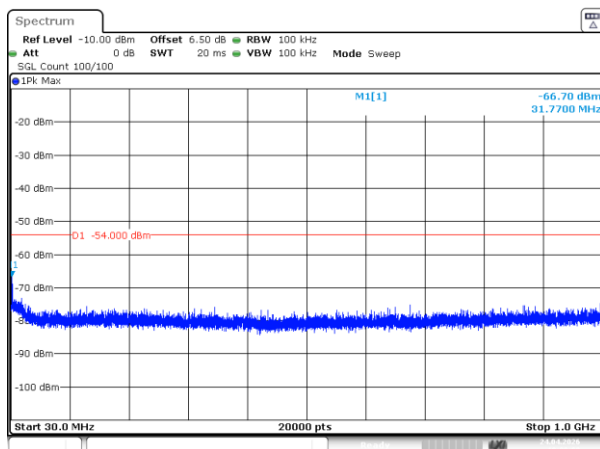
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:08:10

BLE 1M_Middle Channel(1GHz~12.5GHz)



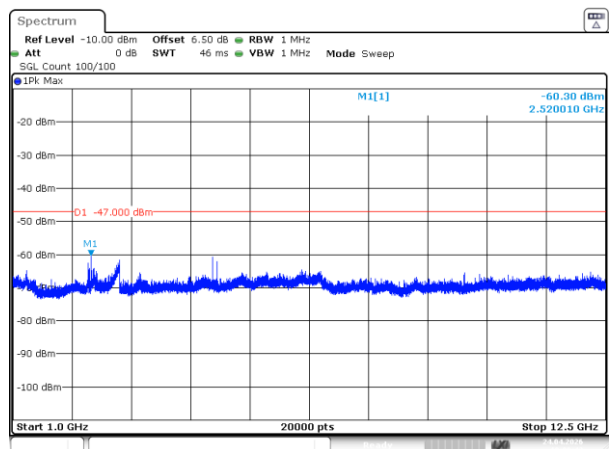
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:08:43

BLE 1M_High Channel(30MHz~1GHz)



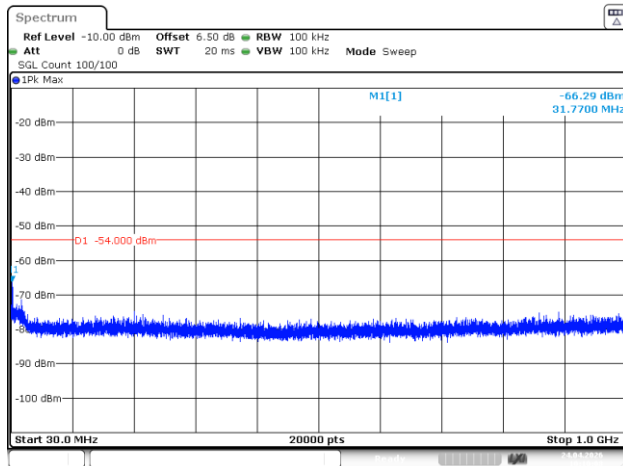
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:09:08

BLE 1M_High Channel(1GHz~12.5GHz)



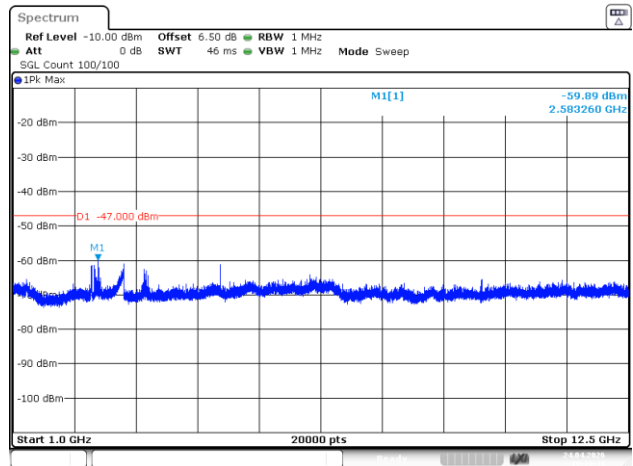
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:09:42

BLE 2M_Low Channel(30MHz~1GHz)



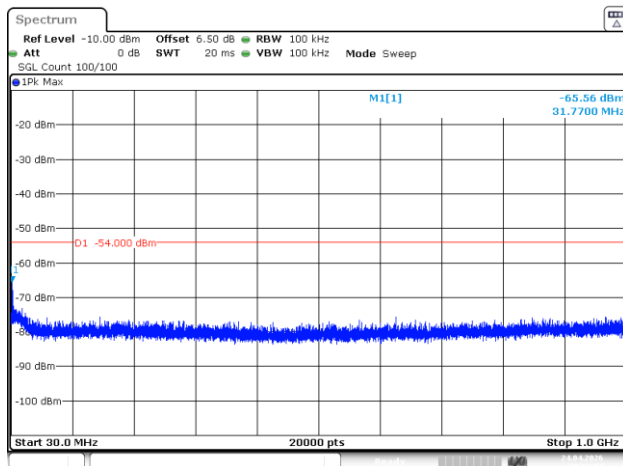
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:10:08

BLE 2M_Low Channel(1GHz~12.5GHz)



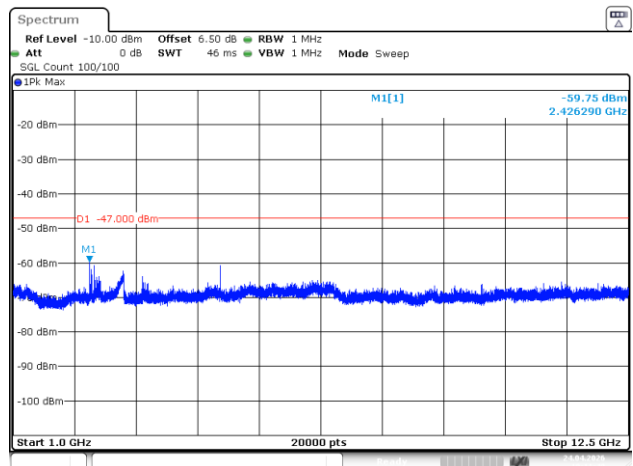
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:10:41

BLE 2M_Middle Channel(30MHz~1GHz)



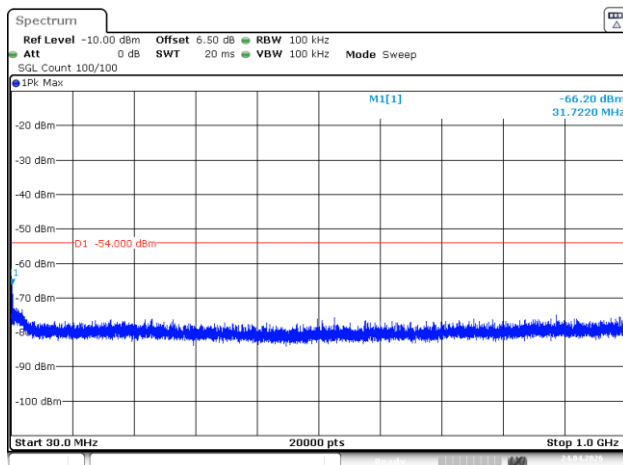
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:11:07

BLE 2M_Middle Channel(1GHz~12.5GHz)



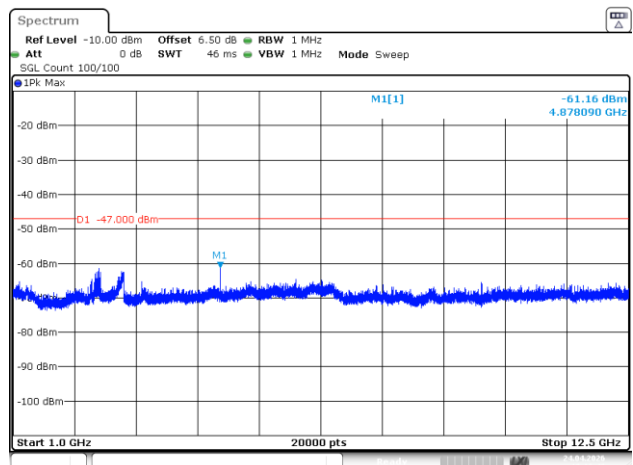
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:11:40

BLE 2M_High Channel(30MHz~1GHz)



ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:12:13

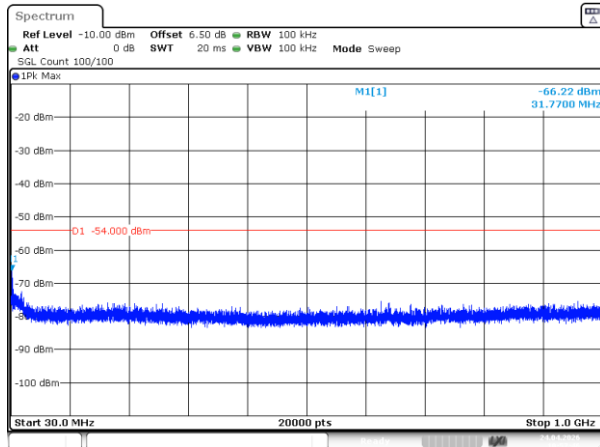
BLE 2M_High Channel(1GHz~12.5GHz)



ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:12:48

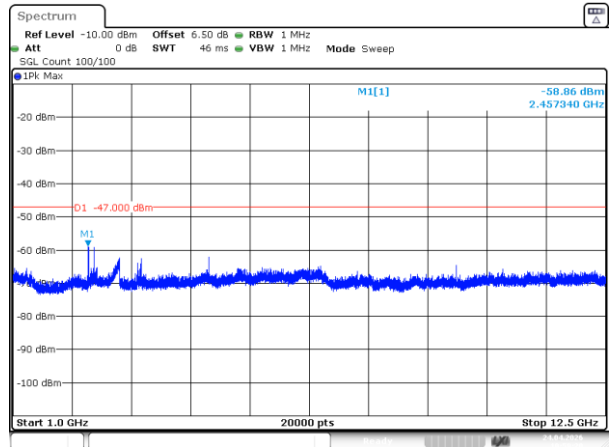
Test Condition: HV

BLE 1M_Low Channel(30MHz~1GHz)



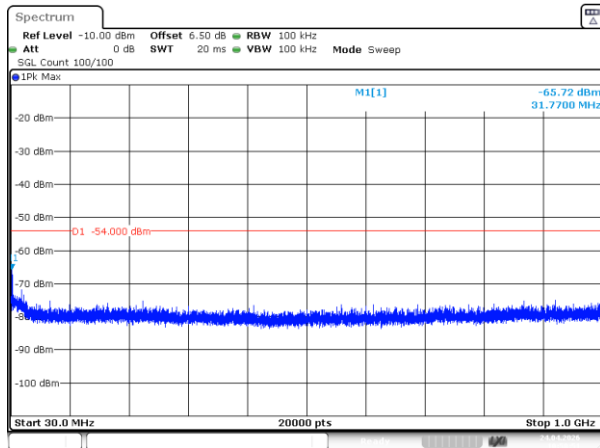
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:57:46

BLE 1M_Low Channel(1GHz~12.5GHz)



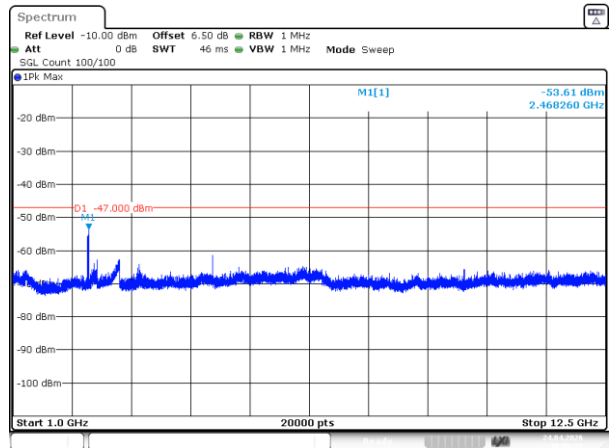
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:58:20

BLE 1M_Middle Channel(30MHz~1GHz)



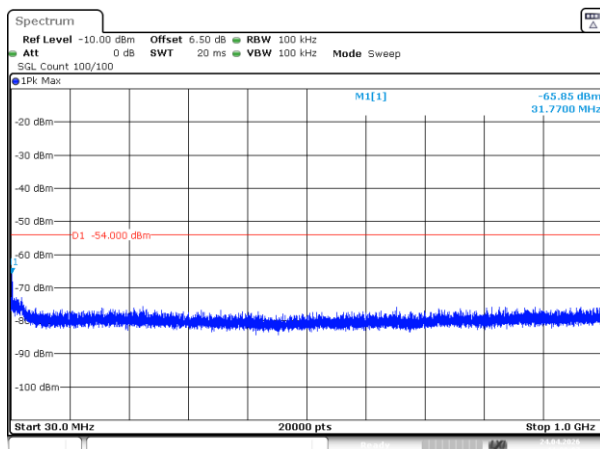
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:58:51

BLE 1M_Middle Channel(1GHz~12.5GHz)



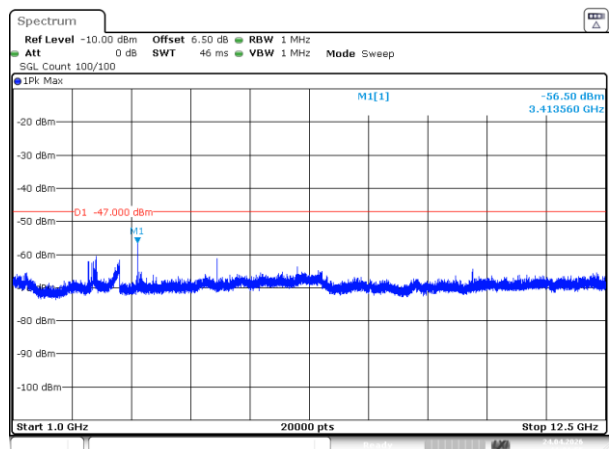
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 10:59:26

BLE 1M_High Channel(30MHz~1GHz)



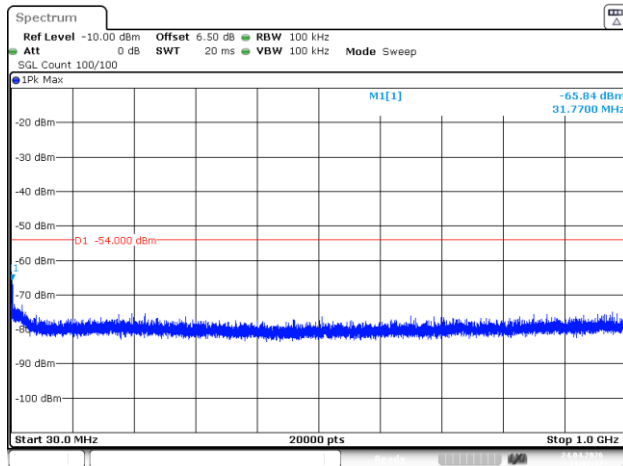
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 11:00:07

BLE 1M_High Channel(1GHz~12.5GHz)



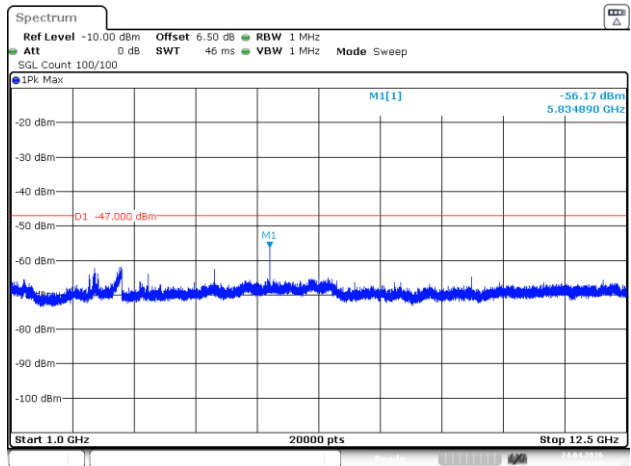
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 11:01:55

BLE 2M_Low Channel(30MHz~1GHz)



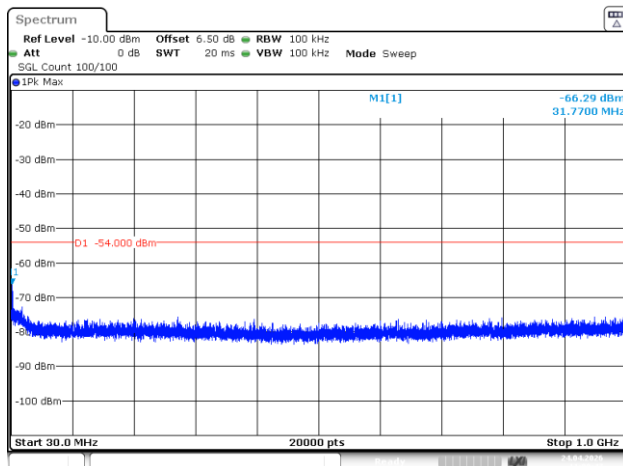
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 11:02:38

BLE 2M_Low Channel(1GHz~12.5GHz)



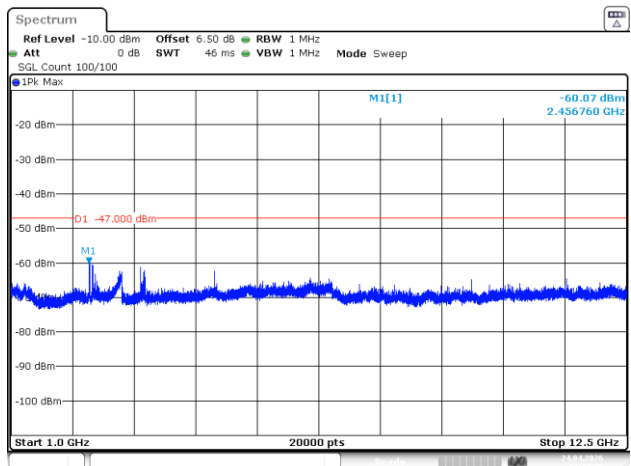
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 11:08:37

BLE 2M_Middle Channel(30MHz~1GHz)



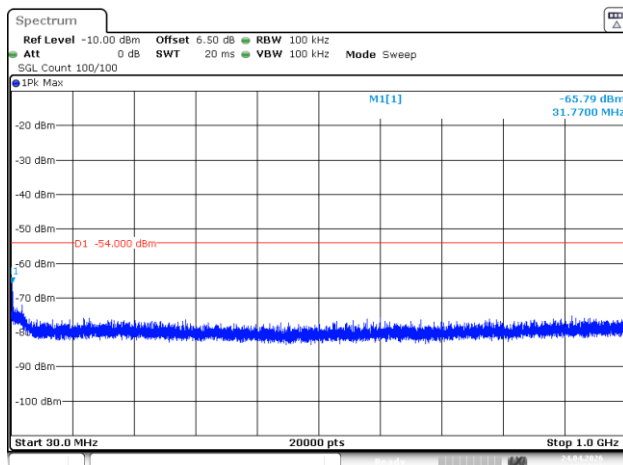
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 11:09:47

BLE 2M_Middle Channel(1GHz~12.5GHz)



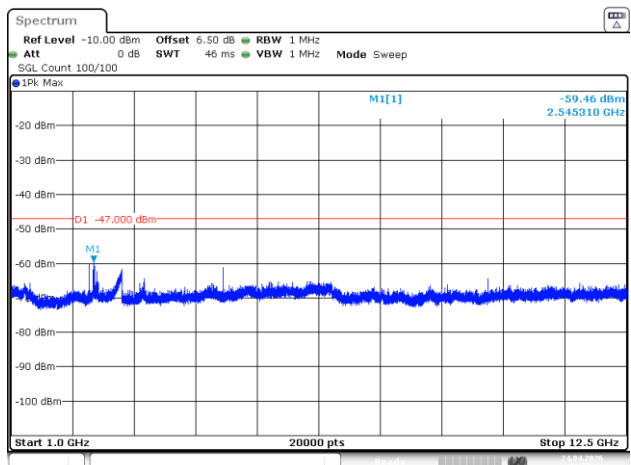
ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 11:12:27

BLE 2M_High Channel(30MHz~1GHz)



ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 11:14:32

BLE 2M_High Channel(1GHz~12.5GHz)



ProjectNo.:2605S28648E-RF Tester:Ryan Zhang
Date: 24.APR.2026 11:17:10

3.3.6 Interference Prevention Function

Test Result: Good, the EUT can transmit or receive the identification(D5:80:00:0F:38:38) automatically.

3.3.7 Construction Protection Confirmation

Test Result: Compliant, The EUT shell was locked by buckle which can't be opened easily, please see the EUT photos.

4 Test Setup Photo

Please refer to the attachment 2605S28648E Test Setup photo.

5 E.U.T Photo

Please refer to the attachment 2605S28648E External photo and 2605S28648E Internal photo.

---End of Report---