

RF Test Report

Report No.: 2605T05686EA

Applicant: Magnetic Laboratories Co. ,Ltd.

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

Product Name: Smart tracker

Product Model: HD-TAGHB16

Multiple Models: HD-TAGHB16BK, HD-TAGHB16WH, HD-TAGHB16KBK,
HD-TAGHB16KWH, HD-COSTAPWH, DA-COSTAPCGY

Trade Mark: N/A

Standards: Item 19 of Article 2 Paragraph 1

Test Date: 2026-05-22

Test Result: Complied

Report Date: 2026-05-26

Reviewed by:

James Fu

James Fu
Project Engineer

Approved by:

Jacob Kong

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	2026-05-26	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:	1101, Unit 1, Fucheng Digital Innovation Park, 15-2 Shijing Road, Fumin Community, Fucheng Street, Shenzhen, Guangdong, China

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	3MIK-3 (assigned by WATC)
Sample Received Date	2026-05-22
Sample Status	Good Condition
Frequency Range	2402MHz - 2480MHz(BLE1M/2M)
Rated Output Power [#]	1.8mW
Modulation Technology	GFSK
Antenna Gain [#]	-10.21dBi
Spatial Streams [#]	SISO (1TX, 1RX)
Power Supply	DC 3V
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 [#] :		RF Test		
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

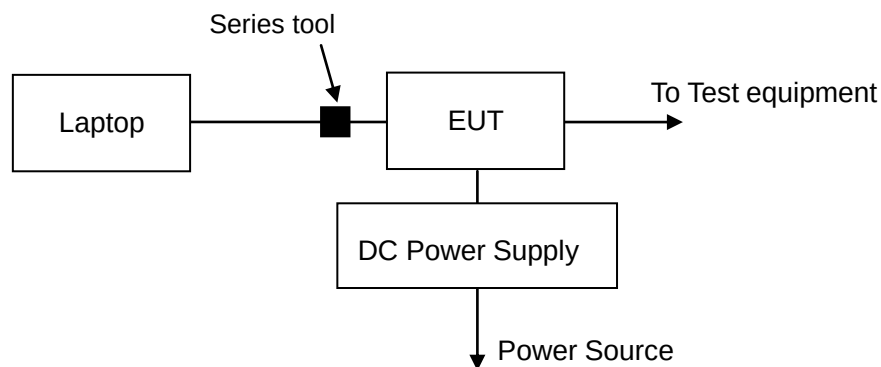
2.2 Test Auxiliary Equipment

Manufacturer	Description	Model	Serial Number
Dell	Laptop	OPTIPLEX 7010	42349061413
Unknown	Series tool	Unknown	Unknown
UNI-T	DC Power Supply	UTP1310S	C221286498

2.3 Interconnecting Cables

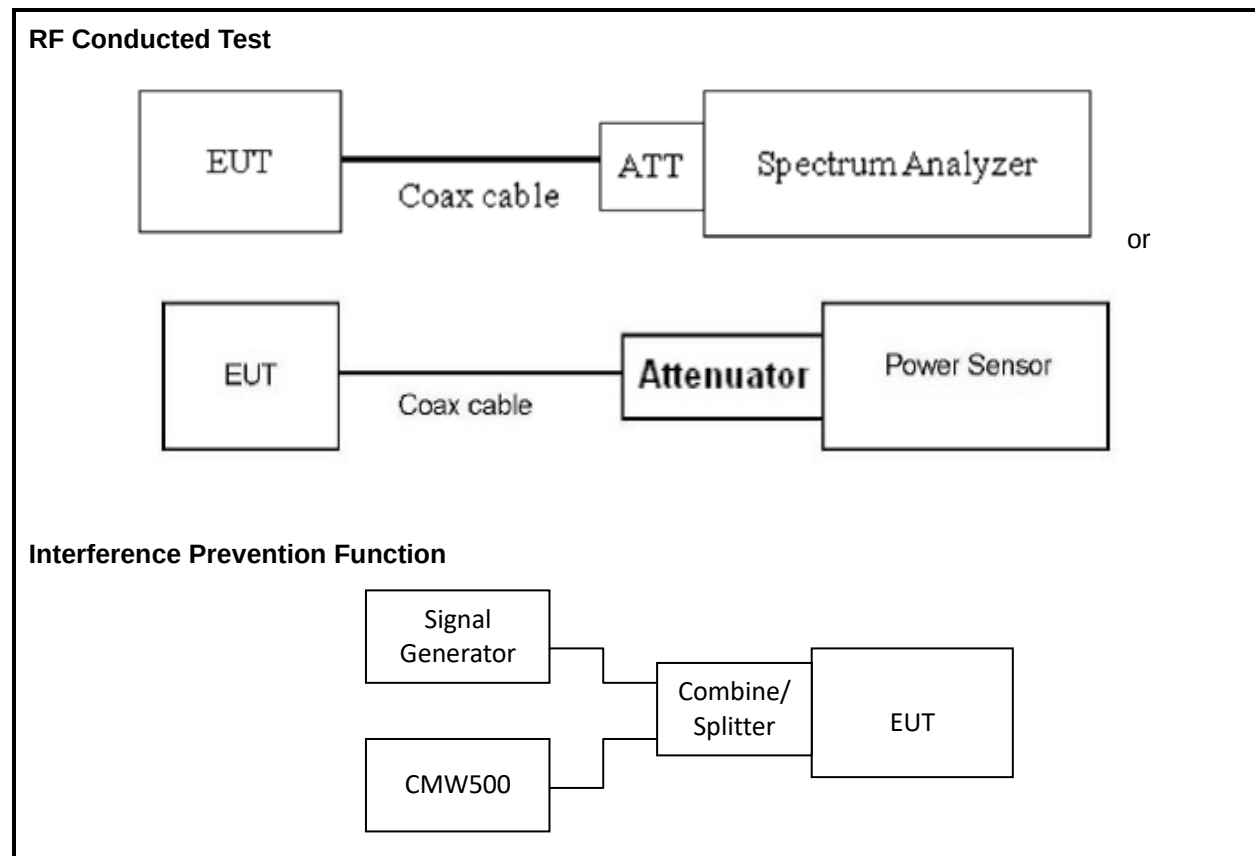
Manufacturer	Description	Length(m)	From	To
Unknown	USB Extend Cable	1	Series tool	Laptop
Unknown	DuPont Cable	0.1	Series tool	EUT
Unknown	DC Power Cable	0.5	DC Power Supply	EUT

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 6.5dB (including 6.0dB Attenuator and 0.5dB 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 0.5dB 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 available 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	FSU-26	200680/026	2025/5/23	2026/5/22	BACL Metrology	c)
narda	6dB attenuator	603-06-1	N/A	2025/5/23	2026/5/22	BACL Metrology	c)
ANRITSU	USB Power Sensor	MA24418A	12620	2025/5/23	2026/5/22	BACL Metrology	c)
ROHDE& SCHWARZ	Vector Signal Generator	SMBV100A	256300	2025/5/23	2026/5/22	BACL Metrology	c)
ROHDE& SCHWARZ	WIDEBAND RADIO COMMUNICATION TESTER	CMW500	116218	2025/9/19	2026/9/18	BACL Metrology	c)
UNI-T	DC Power Supply	UTP1310S	C221286498	/	/	/	/
FLUKE	Digital Multimeter	15B+	N/A	2025/9/19	2026/9/18	BACL Metrology	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.: ≤6.91 dBm/MHz(FHSS from 2402-2480 MHz) ≤12.14 dBm/MHz(OFDM(20MHz system), DSSS from 2400-2483.5MHz) ≤ 9.13 dBm/MHz (OFDM(40MHz system) from 2400-2483.5 MHz) ≤12.14 dBm (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:	2026-05-22	Test By:	Ryan Zhang
Environment condition:	Temperature: 25.3°C; RelativeHumidity:55%; ATM Pressure: 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	2402.07230	30.10	± 50	Pass
	2440	2440.07350	30.12		Pass
	2480	2480.07440	30.00		Pass

Test Condition: LV

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	2402	2402.07200	29.98	± 50	Pass
	2440	2440.07320	30.00		Pass
	2480	2480.07410	29.88		Pass

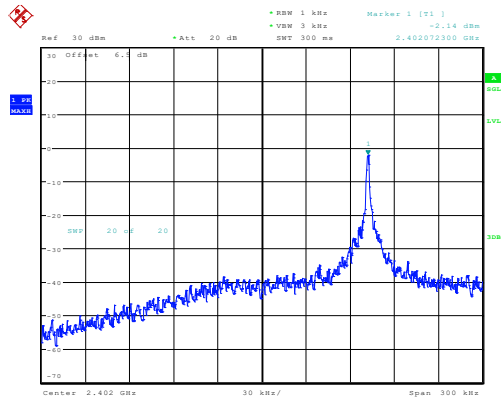
Test Condition: HV

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	2402	2402.07140	29.73	± 50	Pass
	2440	2440.07290	29.88		Pass
	2480	2480.07440	30.00		Pass

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

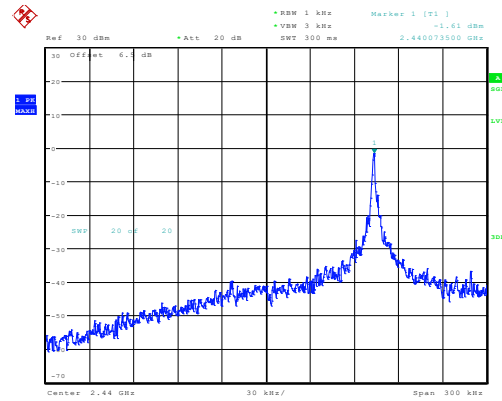
Test Condition: NV

2402MHz



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 17:34:26

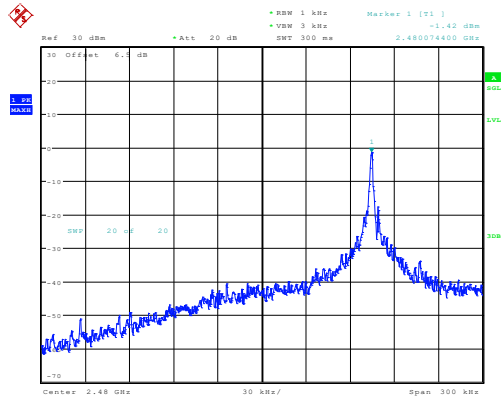
2440MHz



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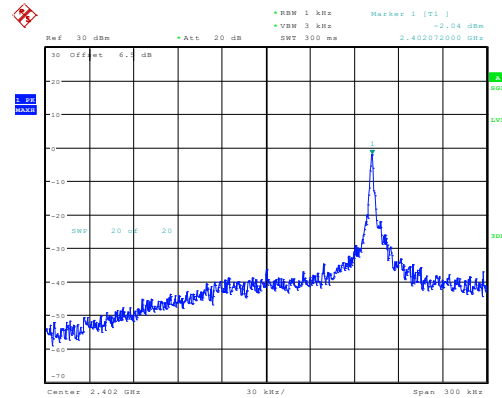
Test Condition: LV

2480MHz



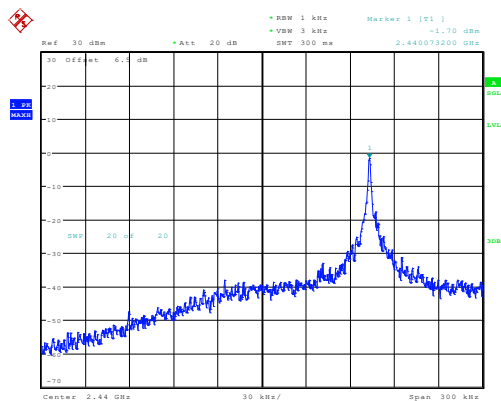
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2402MHz



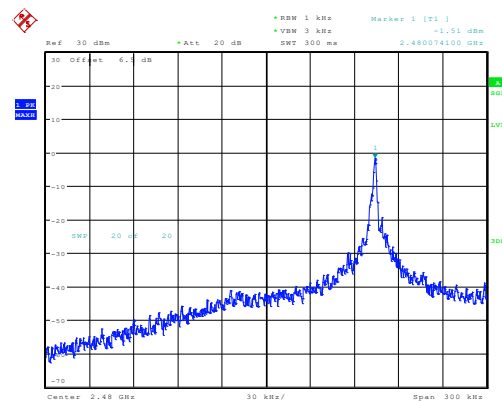
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2440MHz



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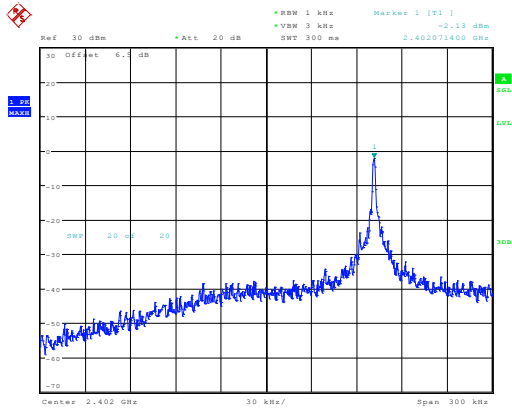
2480MHz



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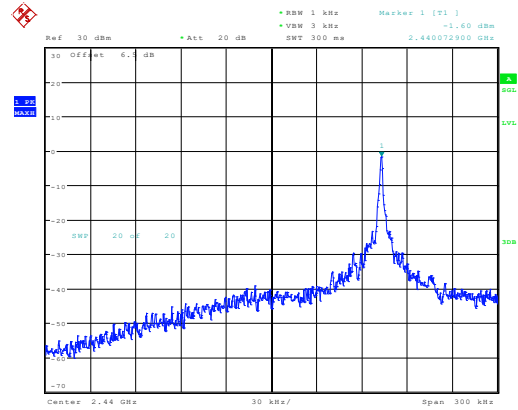
Test Condition: HV

2402MHz



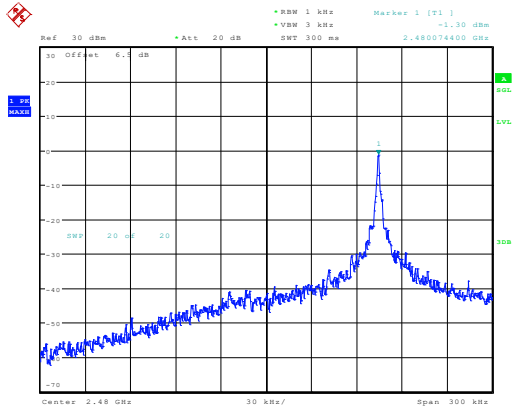
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2440MHz



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:35:30

2480MHz



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:37:18

3.3.2 Occupied Bandwidth

Test Condition: NV

Mode	Occupied bandwidth (MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
BLE 1M	1.025	1.0275	1.0225	≤ 26	Pass
BLE 2M	2.025	2.03	2.03		Pass

Test Condition: LV

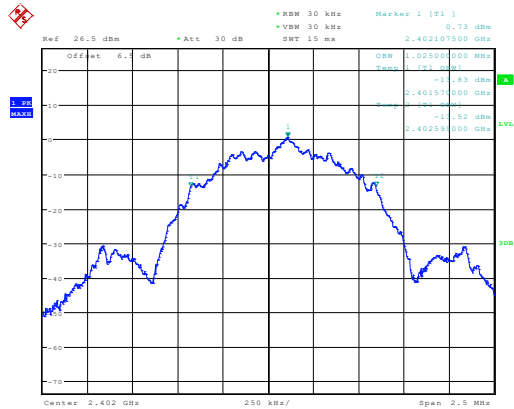
Mode	Occupied bandwidth (MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
BLE 1M	1.0275	1.025	1.025	≤ 26	Pass
BLE 2M	2.025	2.03	2.03		Pass

Test Condition: HV

Mode	Occupied bandwidth (MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
BLE 1M	1.025	1.025	1.02	≤ 26	Pass
BLE 2M	2.025	2.03	2.03		Pass

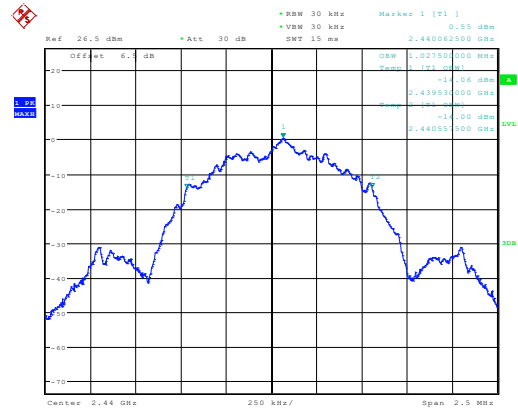
Test Condition: NV

BLE 1M_Low Channel



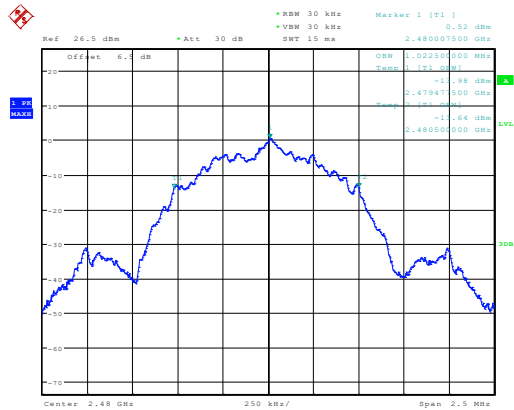
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BLE 1M_Middle Channel



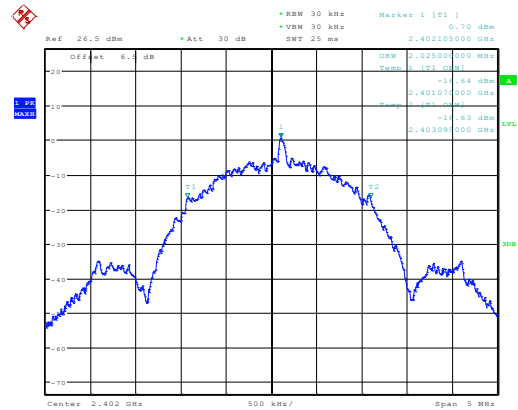
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BLE 1M_High Channel



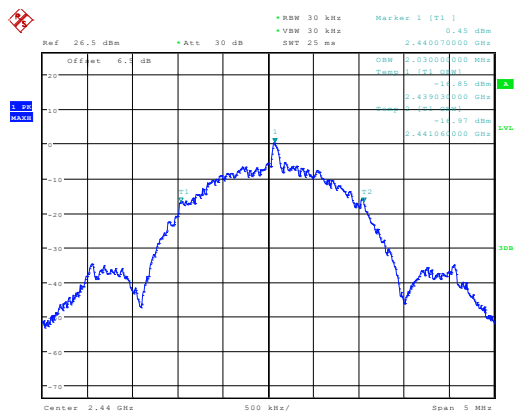
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BLE 2M_Low Channel



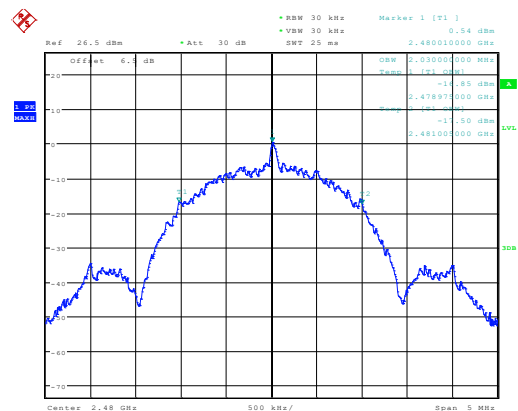
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BLE 2M_Middle Channel



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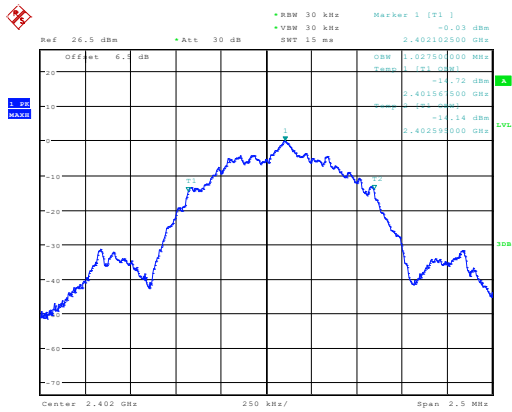
BLE 2M_High Channel



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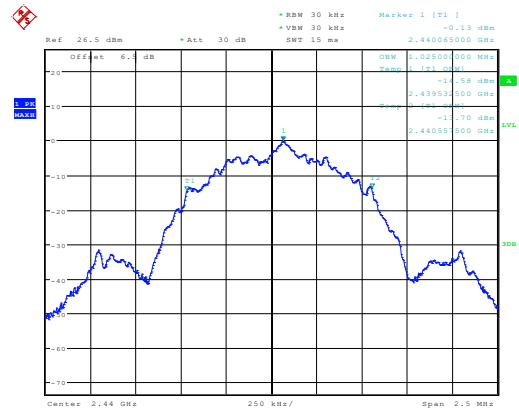
Test Condition: LV

BLE 1M_Low Channel



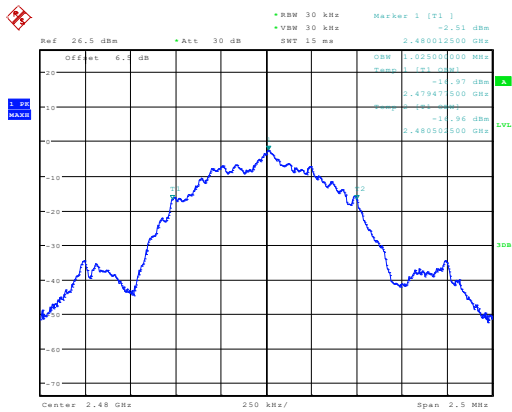
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BLE 1M_Middle Channel



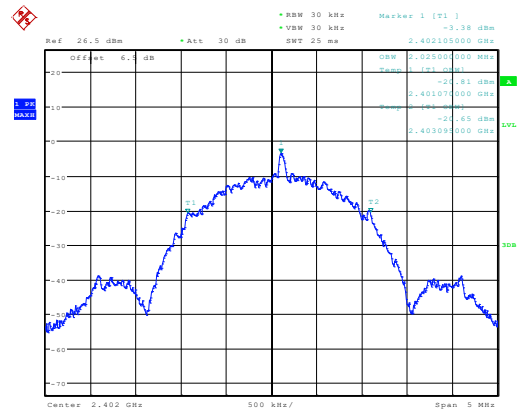
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BLE 1M_High Channel



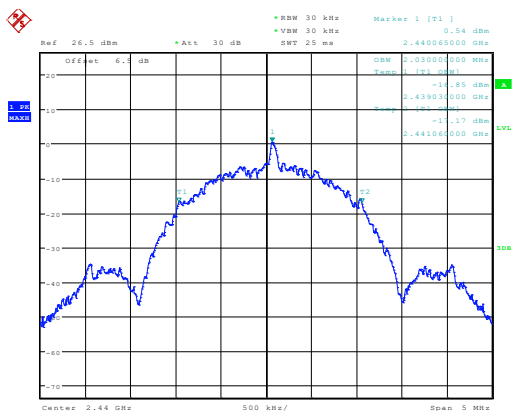
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BLE 2M_Low Channel



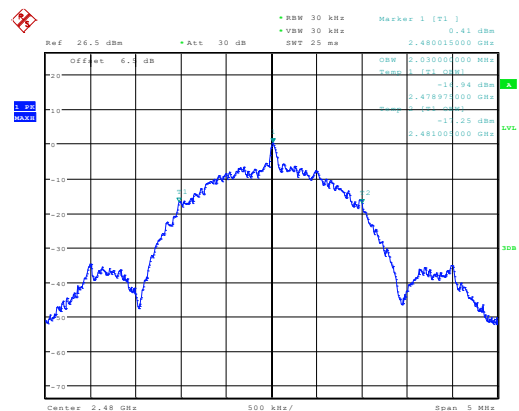
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BLE 2M_Middle Channel



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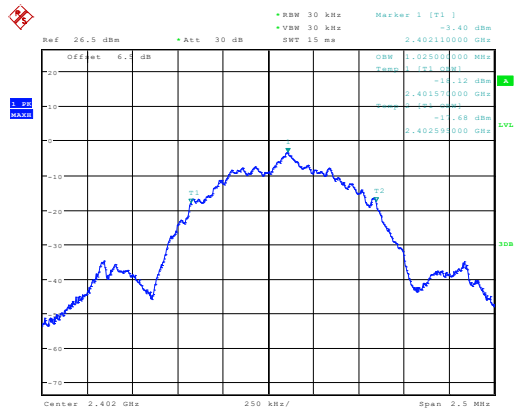
BLE 2M_High Channel



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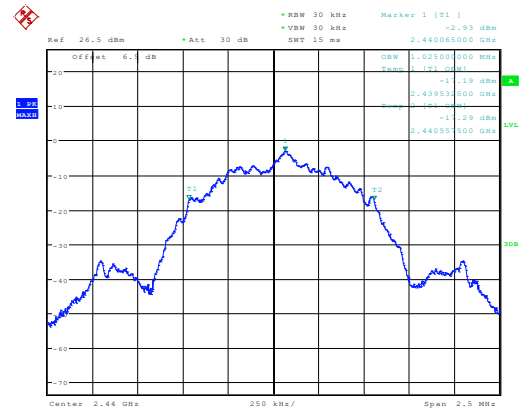
Test Condition: HV

BLE 1M_Low Channel



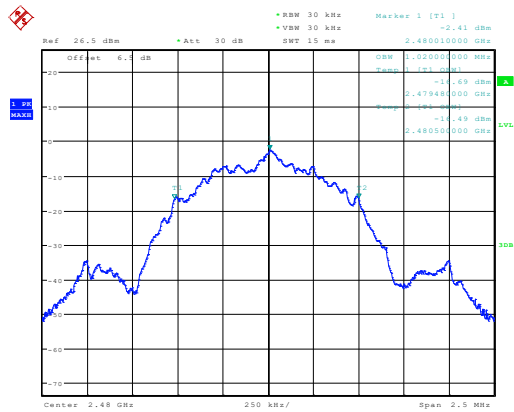
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Date: 22.MAY.2026 16:41:01

BLE 1M_Middle Channel



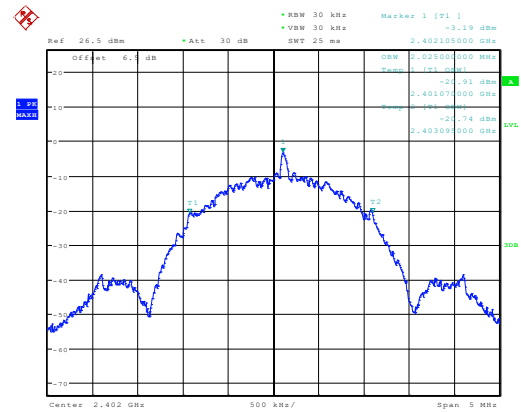
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BLE 1M_High Channel



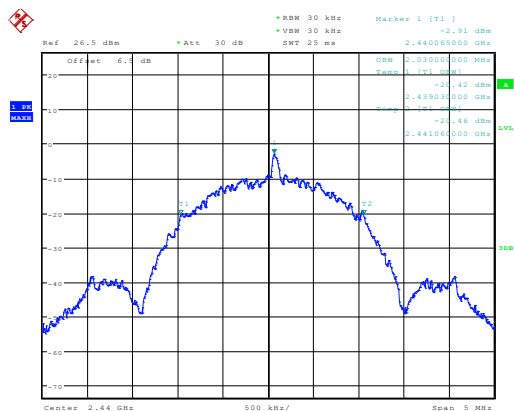
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BLE 2M_Low Channel



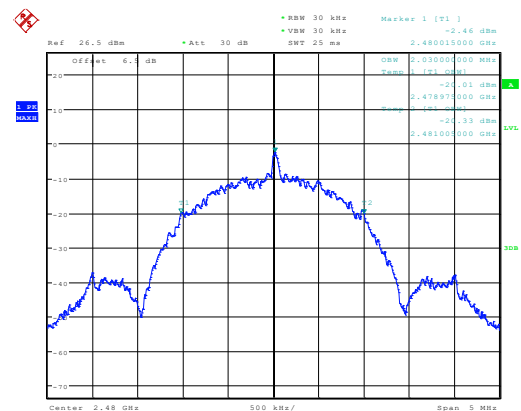
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BLE 2M_Middle Channel



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
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BLE 2M_High Channel



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:54:57

3.3.3 Transmitter Spurious Emission and Unwanted Emission

Intensity

Test Condition: NV, BLE 1M

Channel	Test Band (RBW)	Frequency Range		Max.Emission	Result	Result	Limit	Verdict
		Start(MHz)	Stop(MHz)	Located(MHz)	(dBm/RBW)	(μW/RBW)	(μW/RBW)	
Low	Band I (100kHz)	30	1000	444.19	-47.05	0.020	0.25	Pass
	Band II (1MHz)	1000	2387	2334.9875	-42.05	0.062	2.50	Pass
	Band III (1MHz)	2387	2400	2400	-21.74	6.699	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2496.0775	-41.86	0.065	25	Pass
	Band V (1MHz)	2496.5	12500	4802.30675	-36.13	0.244	2.50	Pass
Middle	Band I (100kHz)	30	1000	753.135	-47.46	0.018	0.25	Pass
	Band II (1MHz)	1000	2387	2376.5975	-42.69	0.054	2.50	Pass
	Band III (1MHz)	2387	2400	2392.057	-41.17	0.076	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2487.205	-41.66	0.068	25	Pass
	Band V (1MHz)	2496.5	12500	12199.895	-37.05	0.197	2.50	Pass
High	Band I (100kHz)	30	1000	278.805	-47.58	0.017	0.25	Pass
	Band II (1MHz)	1000	2387	2278.1205	-42.46	0.057	2.50	Pass
	Band III (1MHz)	2387	2400	2387.9035	-41.71	0.067	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.5	-39.17	0.121	25	Pass
	Band V (1MHz)	2496.5	12500	12399.965	-33.67	0.430	2.50	Pass

Test Condition: NV, BLE 2M

Channel	Test Band (RBW)	Frequency Range		Max.Emission	Result	Result	Limit	Verdict
		Start(MHz)	Stop(MHz)	Located(MHz)	(dBm/RBW)	(μW/RBW)	(μW/RBW)	
Low	Band I (100kHz)	30	1000	895.725	-47.44	0.018	0.25	Pass
	Band II (1MHz)	1000	2387	2331.52	-42.18	0.061	2.50	Pass
	Band III (1MHz)	2387	2400	2399.9935	-16.78	20.989	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2484.202	-41.28	0.074	25	Pass
	Band V (1MHz)	2496.5	12500	12009.8285	-36.30	0.234	2.50	Pass
Middle	Band I (100kHz)	30	1000	832.675	-47.71	0.017	0.25	Pass
	Band II (1MHz)	1000	2387	2297.5385	-42.32	0.059	2.50	Pass
	Band III (1MHz)	2387	2400	2395.346	-42.15	0.061	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2491.482	-40.95	0.080	25	Pass
	Band V (1MHz)	2496.5	12500	12204.89675	-37.11	0.195	2.50	Pass
High	Band I (100kHz)	30	1000	50.37	-47.35	0.018	0.25	Pass
	Band II (1MHz)	1000	2387	2262.17	-42.01	0.063	2.50	Pass
	Band III (1MHz)	2387	2400	2387.936	-41.30	0.074	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.5	-36.06	0.248	25	Pass
	Band V (1MHz)	2496.5	12500	12399.965	-33.54	0.443	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	818.61	-47.09	0.020	0.25	Pass
	Band II (1MHz)	1000	2387	2322.5045	-42.13	0.061	2.50	Pass
	Band III (1MHz)	2387	2400	2400	-22.46	5.675	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2487.1855	-41.65	0.068	25	Pass
	Band V (1MHz)	2496.5	12500	4802.30675	-35.95	0.254	2.50	Pass
Middle	Band I (100kHz)	30	1000	781.75	-47.00	0.020	0.25	Pass
	Band II (1MHz)	1000	2387	2376.5975	-42.26	0.059	2.50	Pass
	Band III (1MHz)	2387	2400	2392.7135	-41.91	0.064	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2494.355	-41.89	0.065	25	Pass
	Band V (1MHz)	2496.5	12500	4882.33475	-37.42	0.181	2.50	Pass
High	Band I (100kHz)	30	1000	552.83	-47.51	0.018	0.25	Pass
	Band II (1MHz)	1000	2387	2304.4735	-41.85	0.065	2.50	Pass
	Band III (1MHz)	2387	2400	2399.662	-41.21	0.076	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2490.6695	-41.23	0.075	25	Pass
	Band V (1MHz)	2496.5	12500	4957.361	-40.47	0.090	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	725.49	-47.43	0.018	0.25	Pass
	Band II (1MHz)	1000	2387	2362.034	-42.31	0.059	2.50	Pass
	Band III (1MHz)	2387	2400	2400	-20.95	8.035	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2490.052	-41.28	0.074	25	Pass
	Band V (1MHz)	2496.5	12500	4802.30675	-38.91	0.129	2.50	Pass
Middle	Band I (100kHz)	30	1000	179.865	-46.99	0.020	0.25	Pass
	Band II (1MHz)	1000	2387	2373.13	-42.09	0.062	2.50	Pass
	Band III (1MHz)	2387	2400	2388.664	-41.57	0.070	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2485.073	-41.33	0.074	25	Pass
	Band V (1MHz)	2496.5	12500	12199.895	-37.29	0.187	2.50	Pass
High	Band I (100kHz)	30	1000	312.755	-46.56	0.022	0.25	Pass
	Band II (1MHz)	1000	2387	2226.8015	-42.41	0.057	2.50	Pass
	Band III (1MHz)	2387	2400	2395.9765	-41.59	0.069	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.5	-36.33	0.233	25	Pass
	Band V (1MHz)	2496.5	12500	12399.965	-33.40	0.457	2.50	Pass

Test Condition: HV, BLE 1M

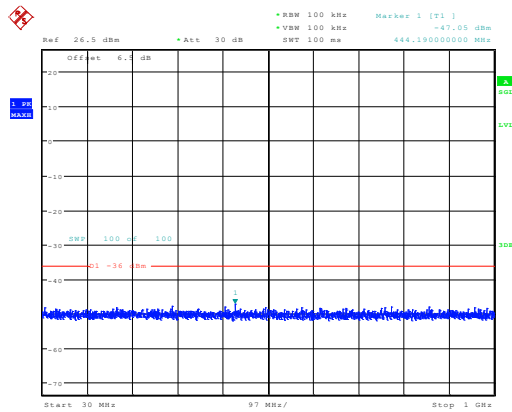
Channel	Test Band (RBW)	Frequency Range		Max.Emission	Result	Result	Limit	Verdict
		Start(MHz)	Stop(MHz)	Located(MHz)	(dBm/RBW)	(μW/RBW)	(μW/RBW)	
Low	Band I (100kHz)	30	1000	236.61	-47.22	0.019	0.25	Pass
	Band II (1MHz)	1000	2387	2348.8575	-42.17	0.061	2.50	Pass
	Band III (1MHz)	2387	2400	2400	-25.83	2.612	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2489.779	-41.18	0.076	25	Pass
	Band V (1MHz)	2496.5	12500	4802.30675	-39.00	0.126	2.50	Pass
Middle	Band I (100kHz)	30	1000	965.565	-47.01	0.020	0.25	Pass
	Band II (1MHz)	1000	2387	2314.1825	-42.02	0.063	2.50	Pass
	Band III (1MHz)	2387	2400	2398.0175	-41.78	0.066	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2492.457	-41.49	0.071	25	Pass
	Band V (1MHz)	2496.5	12500	4882.33475	-39.67	0.108	2.50	Pass
High	Band I (100kHz)	30	1000	233.215	-47.37	0.018	0.25	Pass
	Band II (1MHz)	1000	2387	2262.17	-42.17	0.061	2.50	Pass
	Band III (1MHz)	2387	2400	2395.8595	-41.77	0.067	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2492.9445	-41.35	0.073	25	Pass
	Band V (1MHz)	2496.5	12500	4957.361	-40.49	0.089	2.50	Pass

Test Condition: HV, BLE 2M

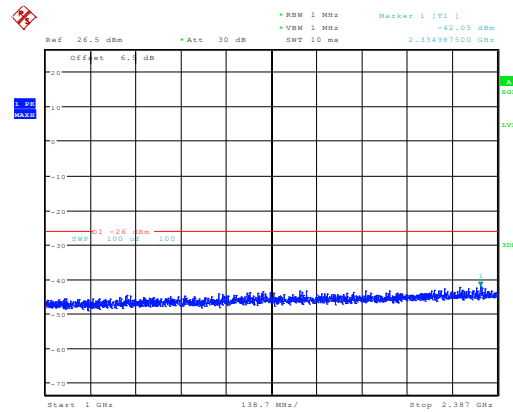
Channel	Test Band (RBW)	Frequency Range		Max.Emission	Result	Result	Limit	Verdict
		Start(MHz)	Stop(MHz)	Located(MHz)	(dBm/RBW)	(μW/RBW)	(μW/RBW)	
Low	Band I (100kHz)	30	1000	53.765	-47.50	0.018	0.25	Pass
	Band II (1MHz)	1000	2387	2354.4055	-42.37	0.058	2.50	Pass
	Band III (1MHz)	2387	2400	2400	-20.83	8.260	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2488.9015	-41.37	0.073	25	Pass
	Band V (1MHz)	2496.5	12500	4802.30675	-39.09	0.123	2.50	Pass
Middle	Band I (100kHz)	30	1000	710.455	-47.53	0.018	0.25	Pass
	Band II (1MHz)	1000	2387	2377.291	-42.32	0.059	2.50	Pass
	Band III (1MHz)	2387	2400	2392.8565	-41.67	0.068	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2485.7425	-41.12	0.077	25	Pass
	Band V (1MHz)	2496.5	12500	4882.33475	-40.37	0.092	2.50	Pass
High	Band I (100kHz)	30	1000	884.085	-47.57	0.017	0.25	Pass
	Band II (1MHz)	1000	2387	2278.814	-42.59	0.055	2.50	Pass
	Band III (1MHz)	2387	2400	2397.1725	-41.51	0.071	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.5	-38.85	0.130	25	Pass
	Band V (1MHz)	2496.5	12500	3581.87975	-38.60	0.138	2.50	Pass

Test Condition: NV

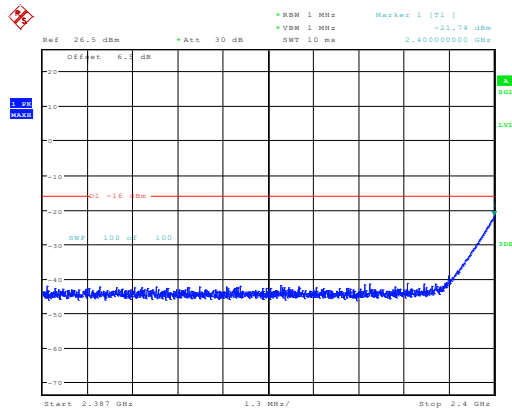
BLE 1M_Low Channel(30MHz~1GHz)



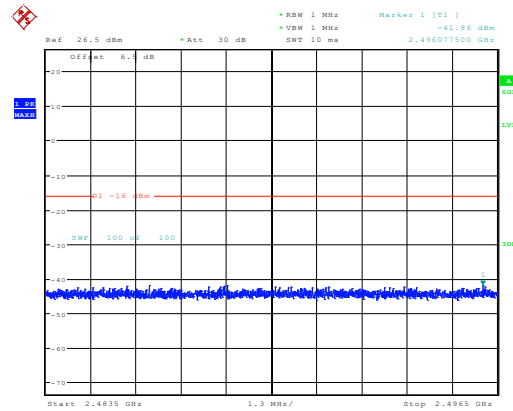
BLE 1M_Low Channel(1GHz~2.387GHz)



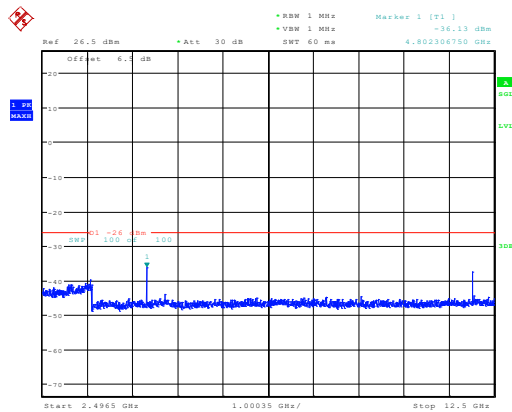
BLE 1M_Low Channel(2.387GHz~2.4GHz)



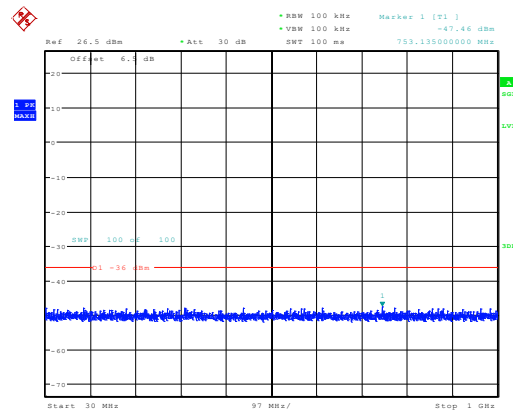
BLE 1M_Low Channel(2.4835GHz~2.4965GHz)



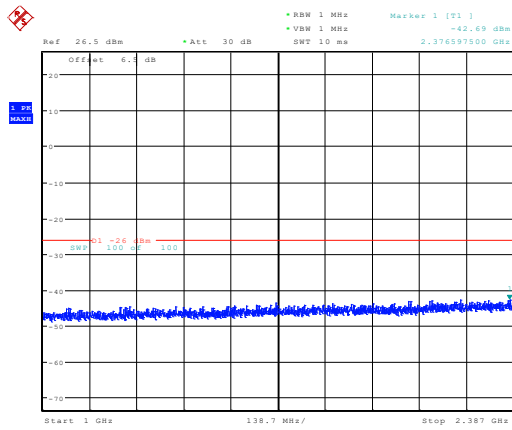
BLE 1M_Low Channel(2.4965GHz~12.5GHz)



BLE 1M_Middle Channel(30MHz~1GHz)

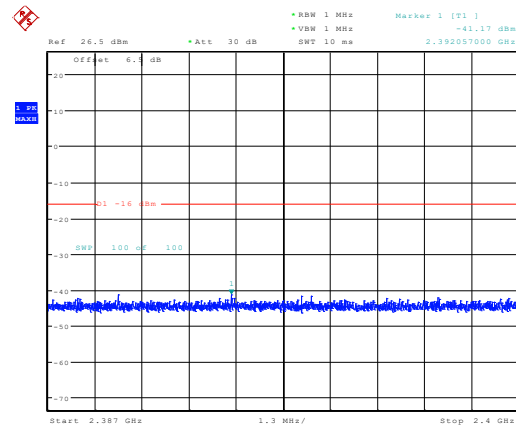


BLE 1M_Middle Channel(1GHz~2.387GHz)



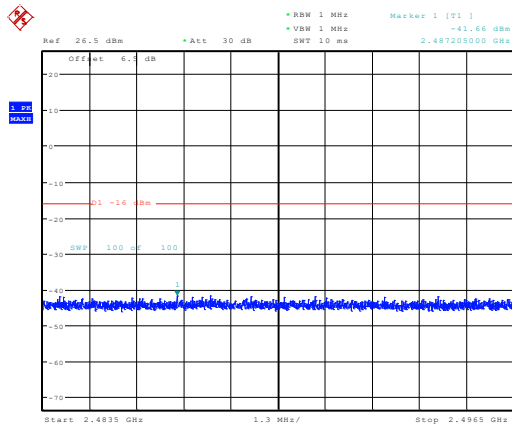
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:54:48

BLE 1M_Middle Channel(2.387GHz~2.4GHz)



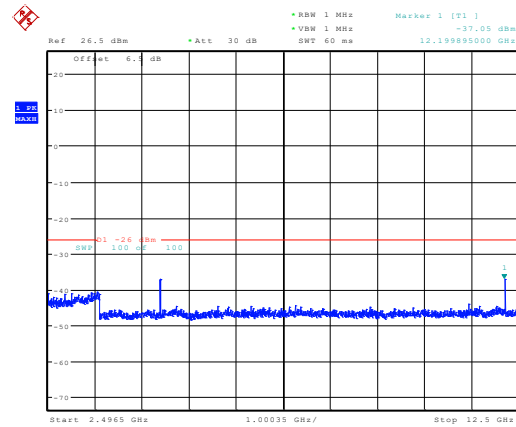
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Date: 22.MAY.2026 15:55:00

BLE 1M_Middle Channel(2.4835GHz~2.4965GHz)



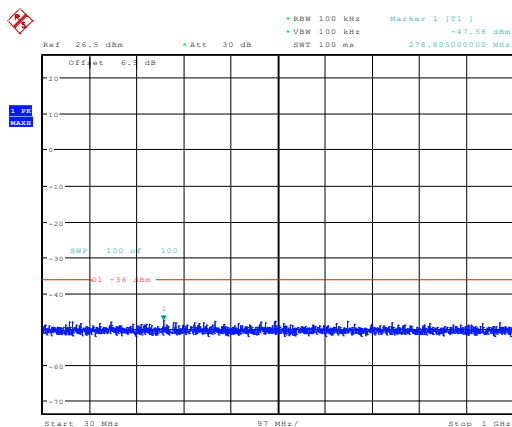
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Date: 22.MAY.2026 15:55:14

BLE 1M_Middle Channel(2.4965GHz~12.5GHz)



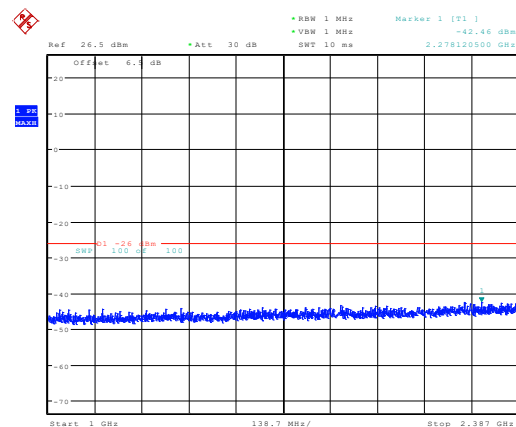
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Date: 22.MAY.2026 15:55:45

BLE 1M_High Channel(30MHz~1GHz)



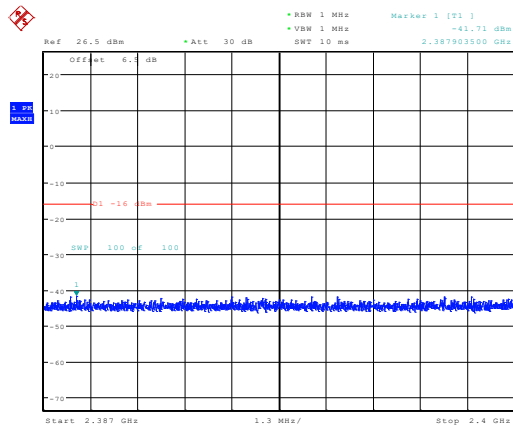
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:57:18

BLE 1M_High Channel(1GHz~2.387GHz)



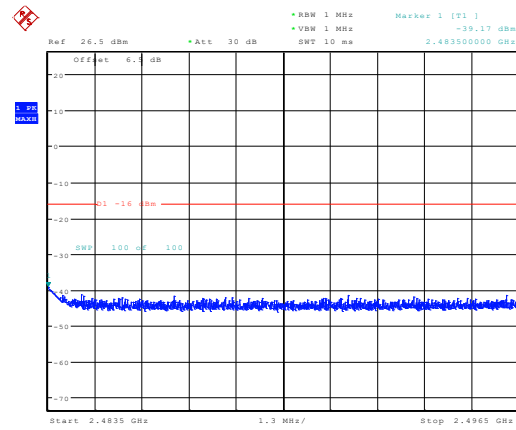
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Date: 22.MAY.2026 15:57:33

BLE 1M_High Channel(2.387GHz~2.4GHz)



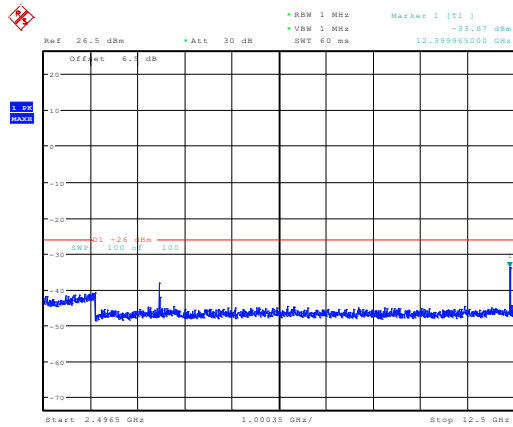
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BLE 1M_High Channel(2.4835GHz~2.4965GHz)



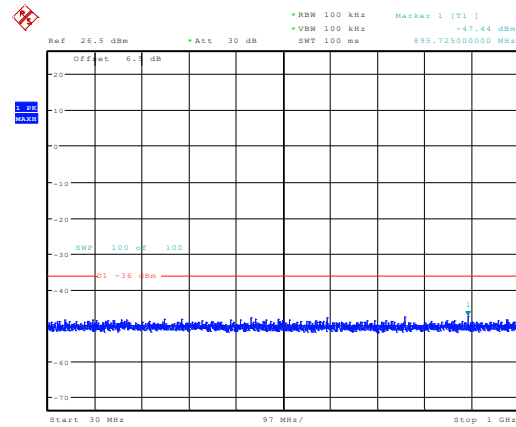
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Date: 22.MAY.2026 15:58:00

BLE 1M_High Channel(2.4965GHz~12.5GHz)



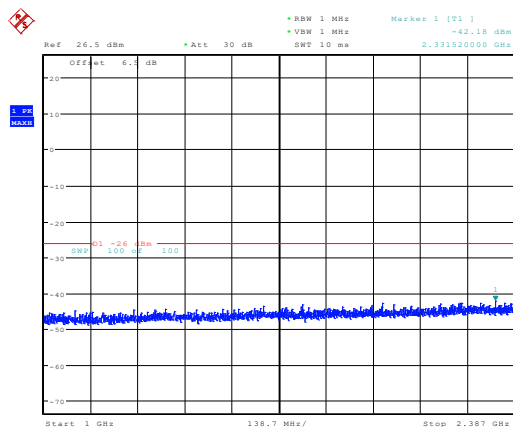
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Date: 22.MAY.2026 15:58:32

BLE 2M_Low Channel(30MHz~1GHz)



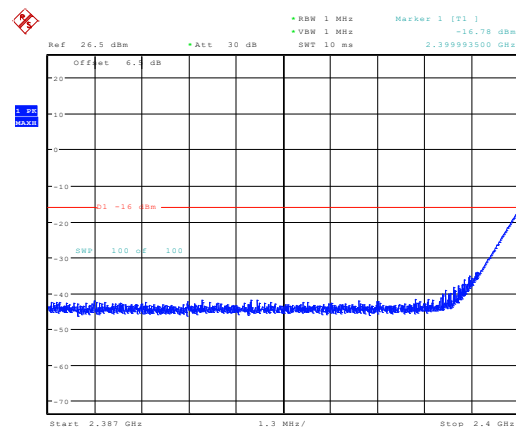
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:00:02

BLE 2M_Low Channel(1GHz~2.387GHz)



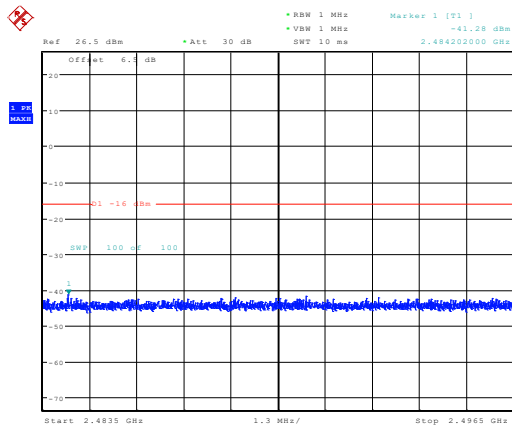
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Date: 22.MAY.2026 16:00:17

BLE 2M_Low Channel(2.387GHz~2.4GHz)



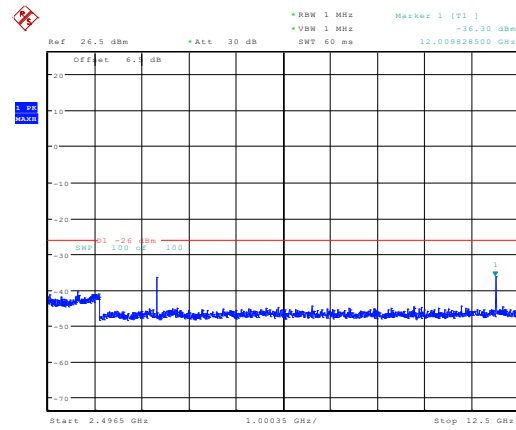
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BLE 2M_Low Channel(2.4835GHz~2.4965GHz)



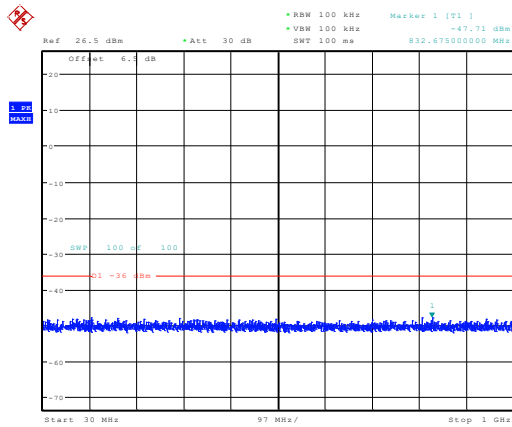
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BLE 2M_Low Channel(2.4965GHz~12.5GHz)



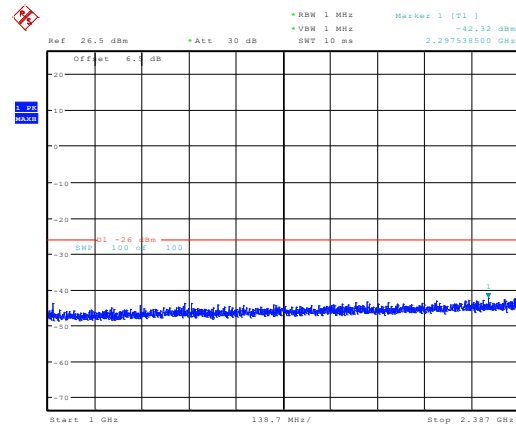
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Date: 22.MAY.2026 16:01:13

BLE 2M_Middle Channel(30MHz~1GHz)



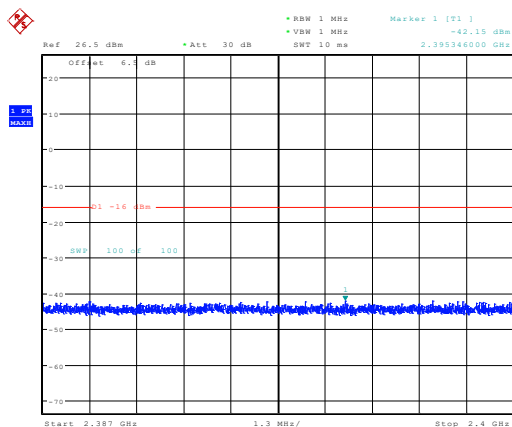
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Date: 22.MAY.2026 16:02:34

BLE 2M_Middle Channel(1GHz~2.387GHz)



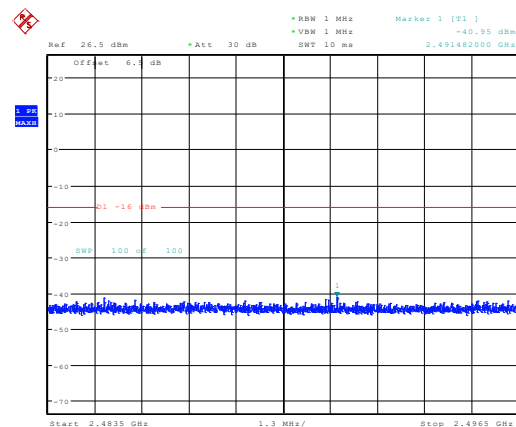
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Date: 22.MAY.2026 16:02:48

BLE 2M_Middle Channel(2.387GHz~2.4GHz)



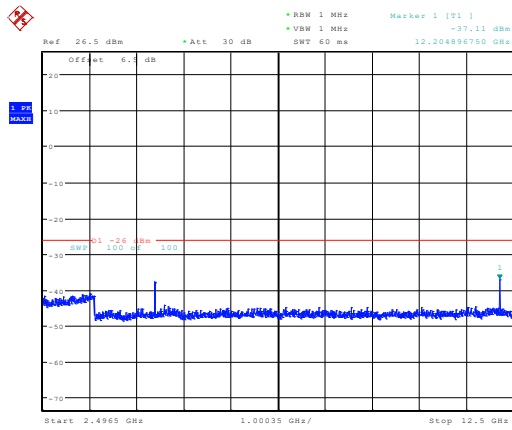
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BLE 2M_Middle Channel(2.4835GHz~2.4965GHz)



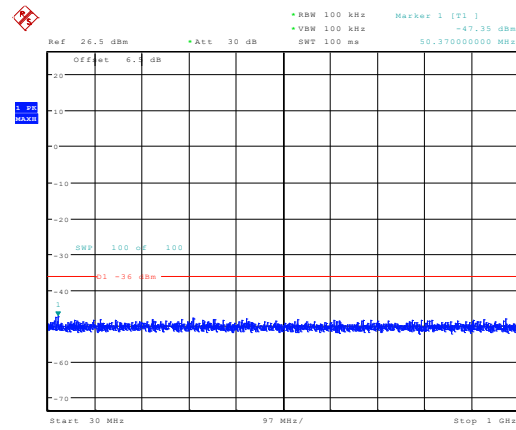
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Date: 22.MAY.2026 16:03:14

BLE 2M_Middle Channel(2.4965GHz~12.5GHz)



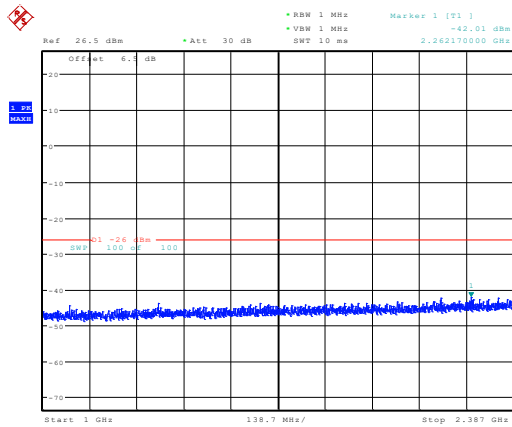
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Date: 22.MAY.2026 16:03:45

BLE 2M_High Channel(30MHz~1GHz)



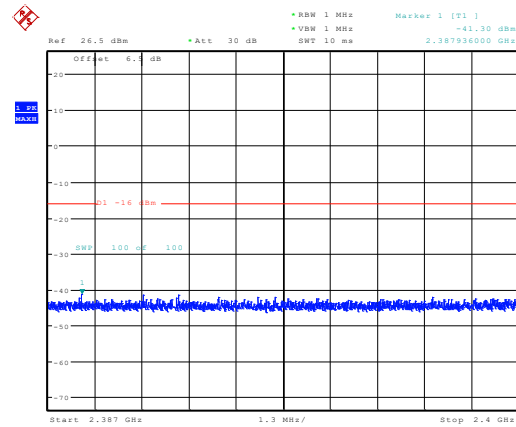
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:06:18

BLE 2M_High Channel(1GHz~2.387GHz)



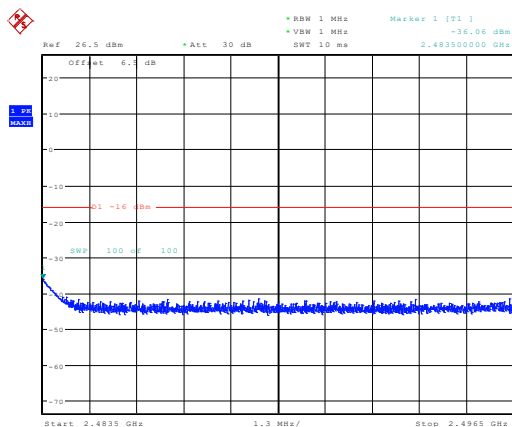
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Date: 22.MAY.2026 16:06:33

BLE 2M_High Channel(2.387GHz~2.4GHz)



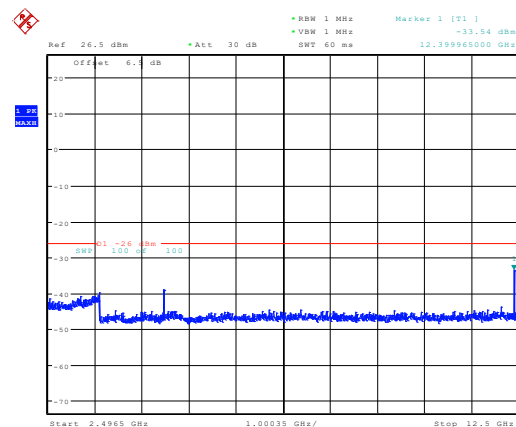
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:06:46

BLE 2M_High Channel(2.4835GHz~2.4965GHz)



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:06:59

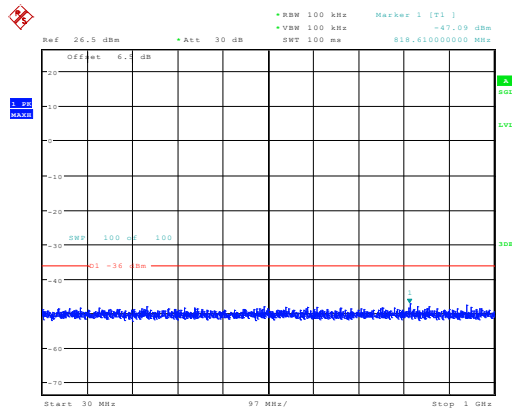
BLE 2M_High Channel(2.4965GHz~12.5GHz)



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:07:29

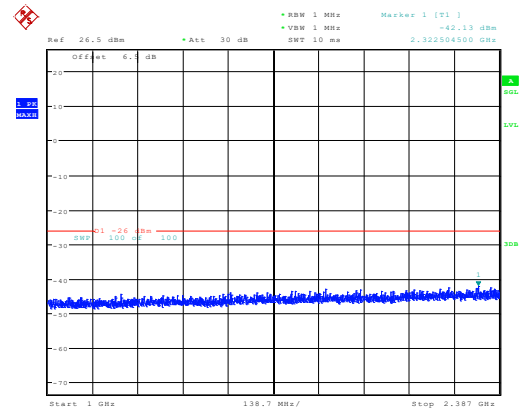
Test Condition: LV

BLE 1M_Low Channel(30MHz~1GHz)



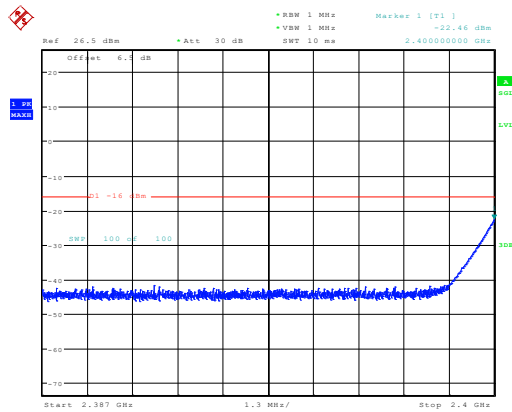
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Date: 22.MAY.2026 14:49:03

BLE 1M_Low Channel(1GHz~2.387GHz)



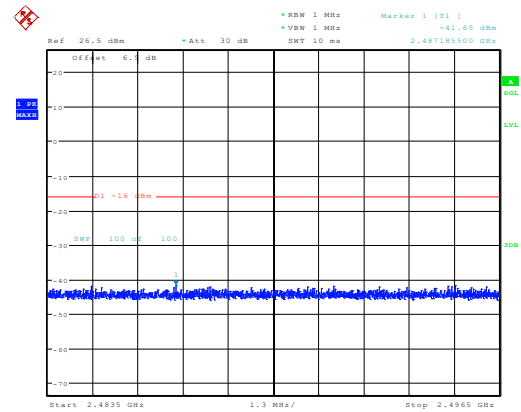
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BLE 1M_Low Channel(2.387GHz~2.4GHz)



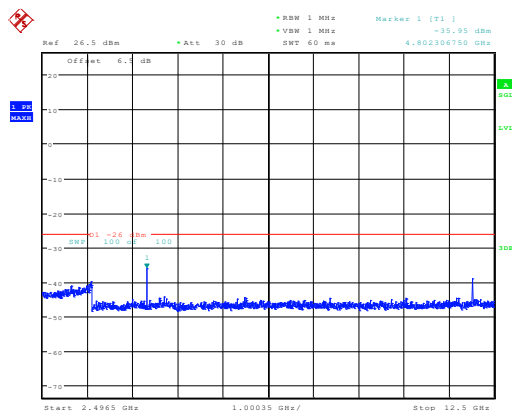
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BLE 1M_Low Channel(2.4835GHz~2.4965GHz)



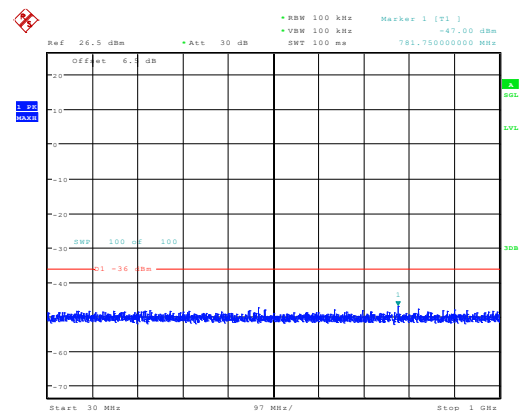
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 14:49:42

BLE 1M_Low Channel(2.4965GHz~12.5GHz)



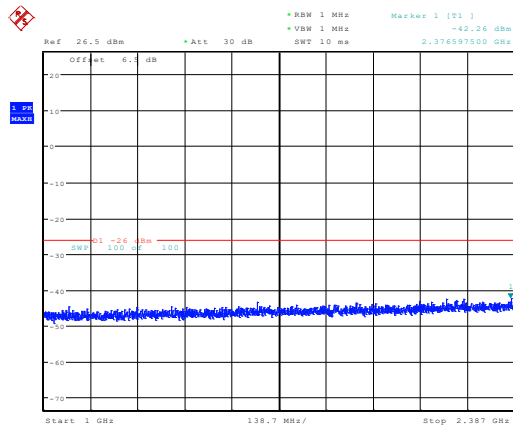
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 14:50:10

BLE 1M_Middle Channel(30MHz~1GHz)



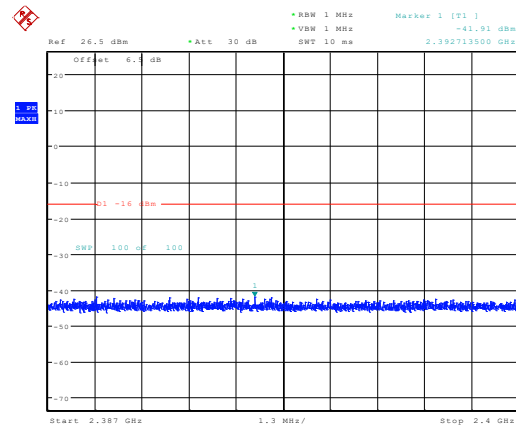
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 14:52:24

BLE 1M_Middle Channel(1GHz~2.387GHz)



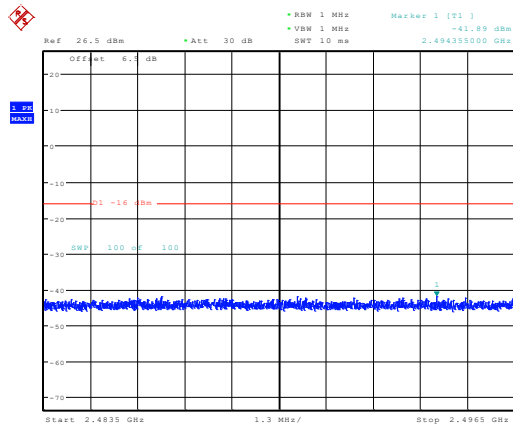
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 14:52:39

BLE 1M_Middle Channel(2.387GHz~2.4GHz)



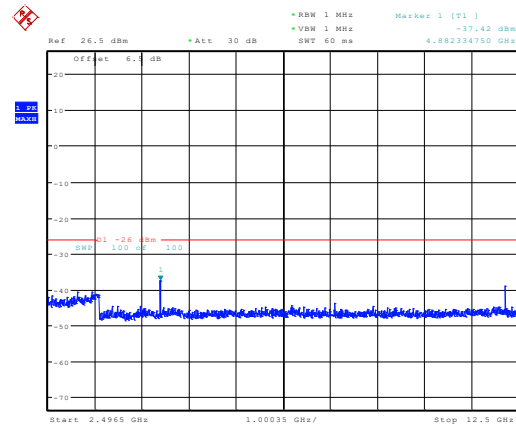
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 14:52:50

BLE 1M_Middle Channel(2.4835GHz~2.4965GHz)



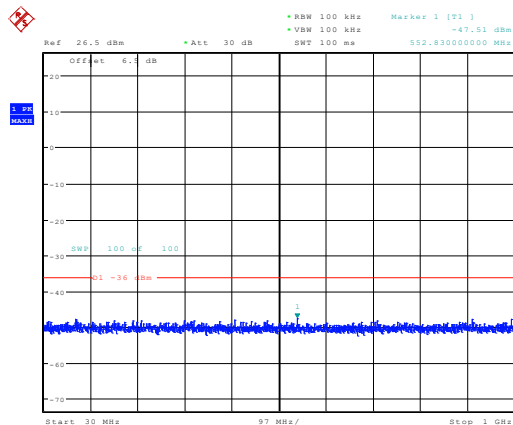
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 14:53:02

BLE 1M_Middle Channel(2.4965GHz~12.5GHz)



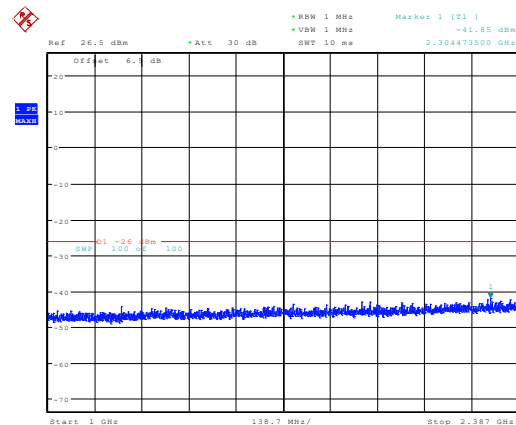
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 14:53:31

BLE 1M_High Channel(30MHz~1GHz)



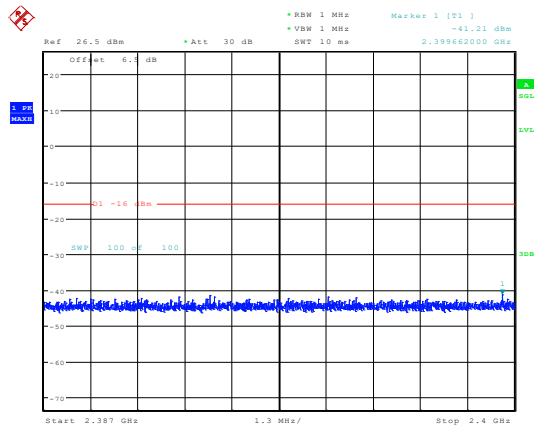
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:18:30

BLE 1M_High Channel(1GHz~2.387GHz)



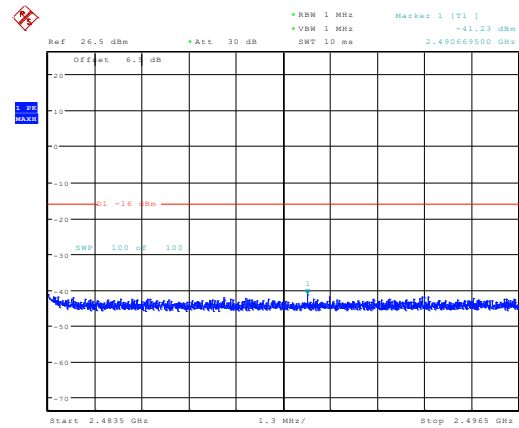
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:18:44

BLE 1M_High Channel(2.387GHz~2.4GHz)



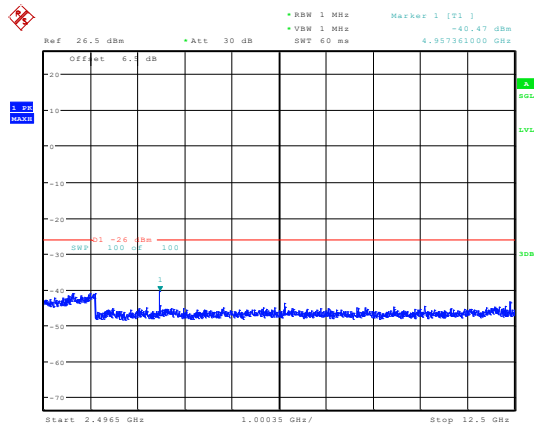
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:18:56

BLE 1M_High Channel(2.4835GHz~2.4965GHz)



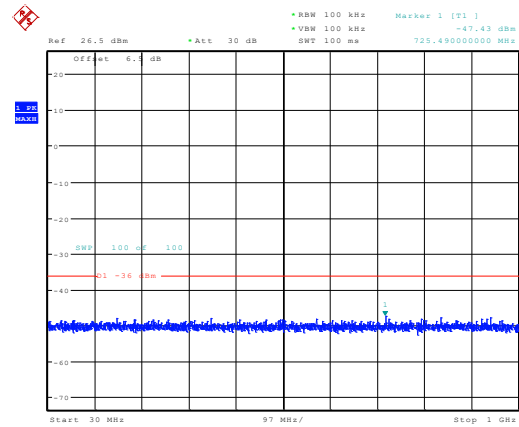
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:19:09

BLE 1M_High Channel(2.4965GHz~12.5GHz)



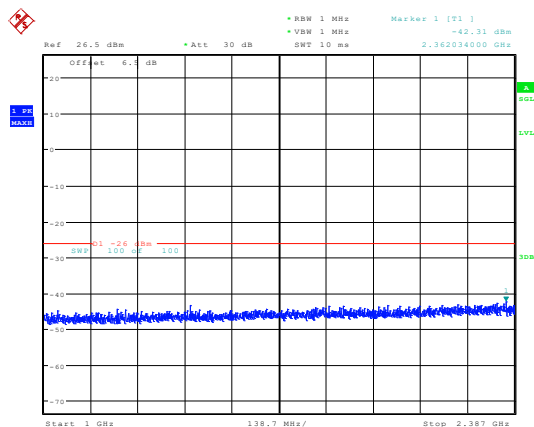
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:19:38

BLE 2M_Low Channel(30MHz~1GHz)



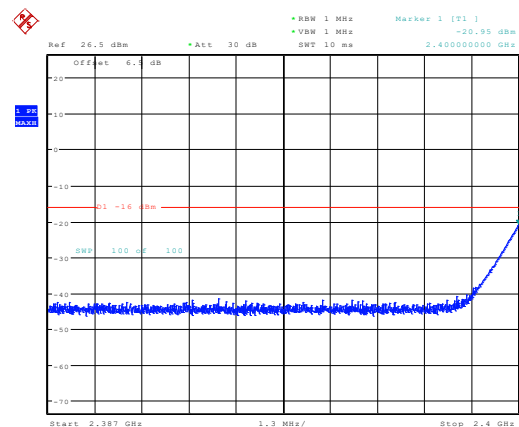
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:21:40

BLE 2M_Low Channel(1GHz~2.387GHz)



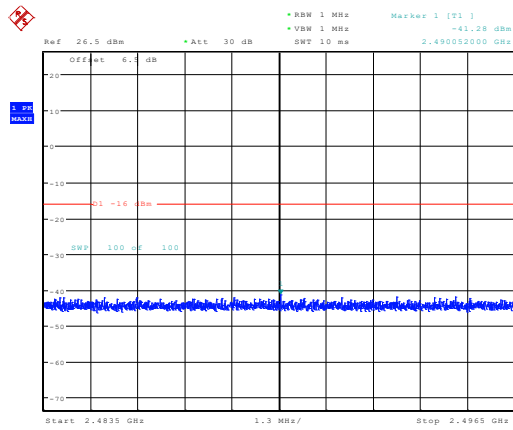
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:21:54

BLE 2M_Low Channel(2.387GHz~2.4GHz)



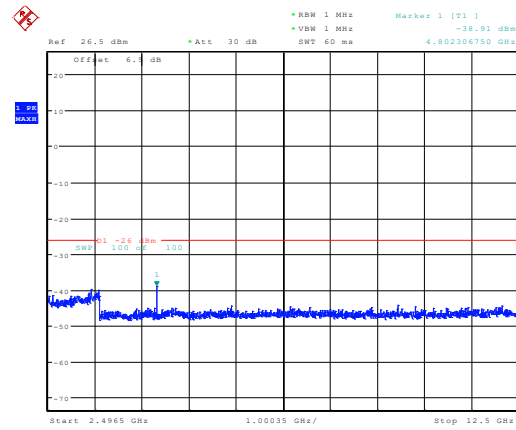
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:22:06

BLE 2M_Low Channel(2.4835GHz~2.4965GHz)



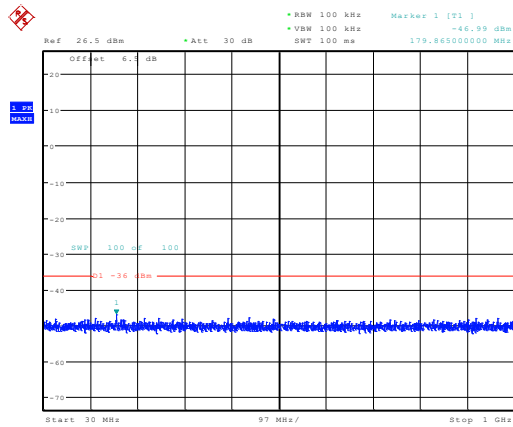
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:22:19

BLE 2M_Low Channel(2.4965GHz~12.5GHz)



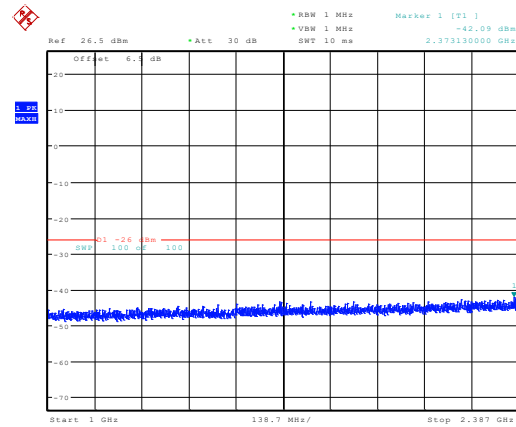
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:22:48

BLE 2M_Middle Channel(30MHz~1GHz)



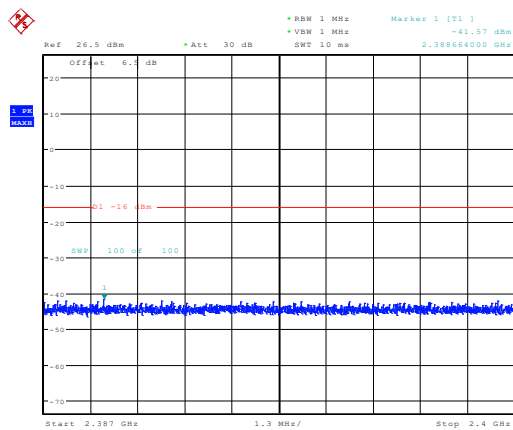
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:25:07

BLE 2M_Middle Channel(1GHz~2.387GHz)



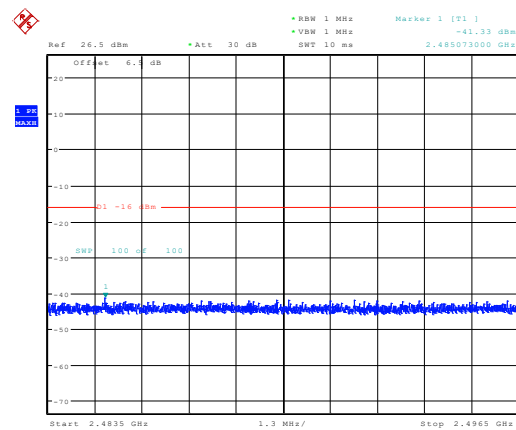
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:25:20

BLE 2M_Middle Channel(2.387GHz~2.4GHz)



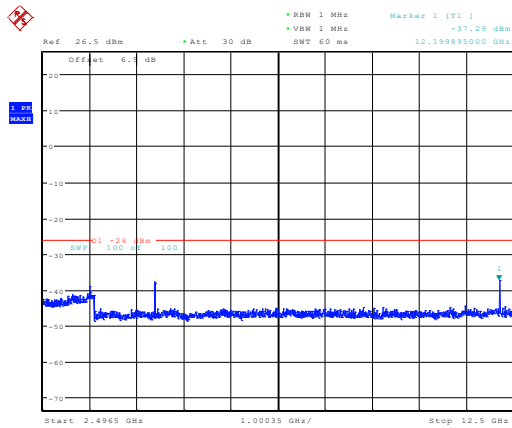
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:25:31

BLE 2M_Middle Channel(2.4835GHz~2.4965GHz)



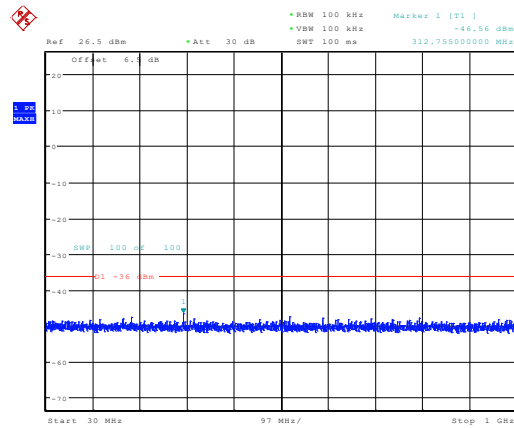
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:25:43

BLE 2M_Middle Channel(2.4965GHz~12.5GHz)



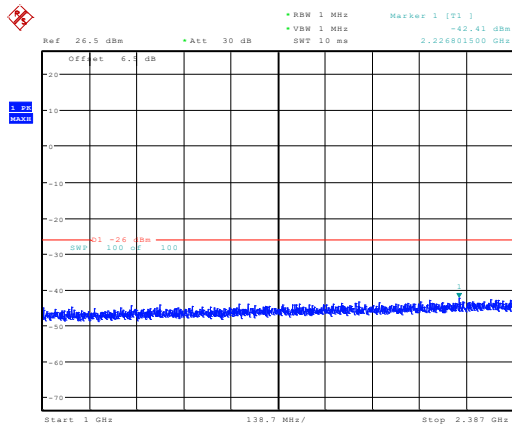
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:26:14

BLE 2M_High Channel(30MHz~1GHz)



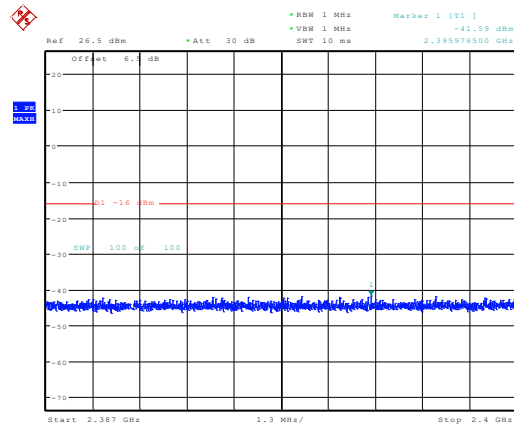
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:27:47

BLE 2M_High Channel(1GHz~2.387GHz)



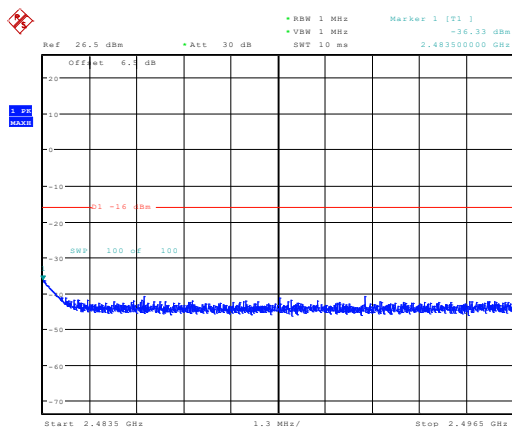
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:28:01

BLE 2M_High Channel(2.387GHz~2.4GHz)



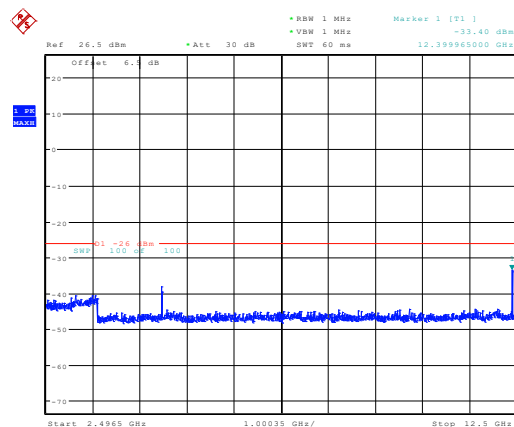
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:28:14

BLE 2M_High Channel(2.4835GHz~2.4965GHz)



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:28:26

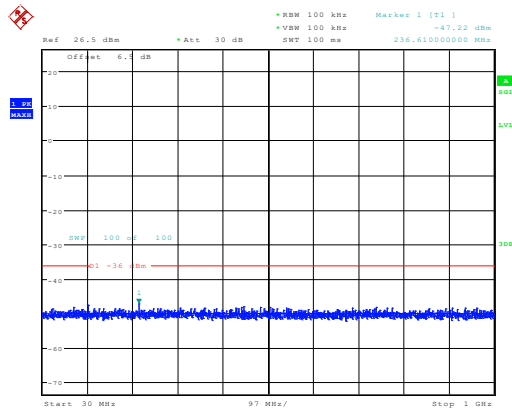
BLE 2M_High Channel(2.4965GHz~12.5GHz)



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:28:56

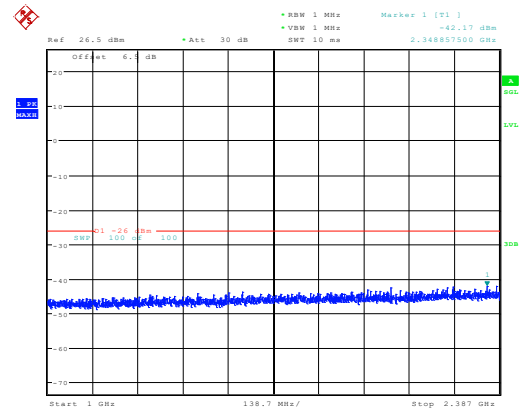
Test Condition: HV

BLE 1M_Low Channel(30MHz~1GHz)



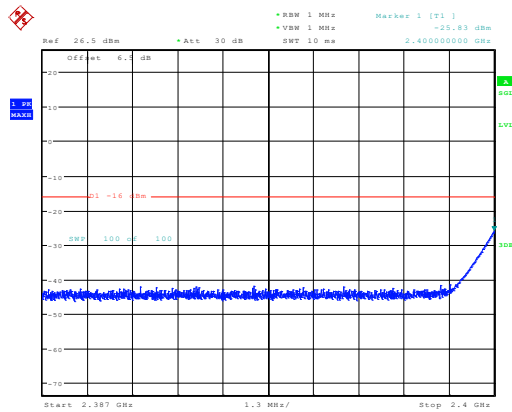
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:41:30

BLE 1M_Low Channel(1GHz~2.387GHz)



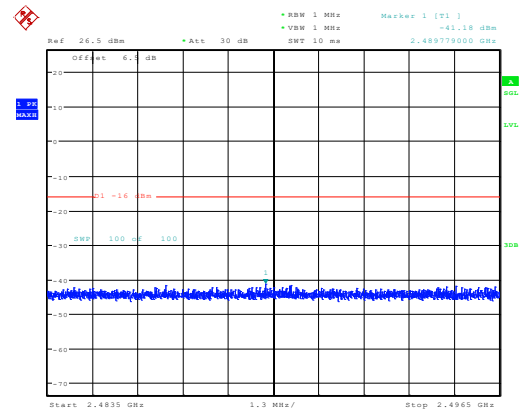
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:41:44

BLE 1M_Low Channel(2.387GHz~2.4GHz)



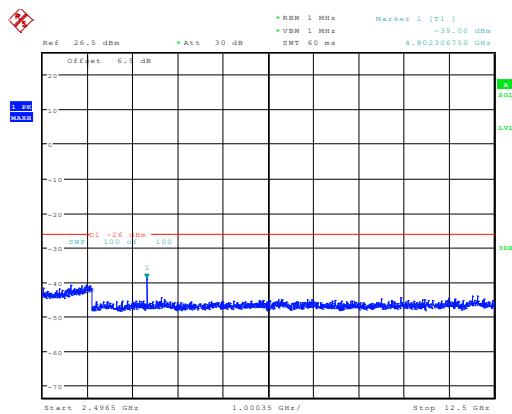
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:41:56

BLE 1M_Low Channel(2.4835GHz~2.4965GHz)



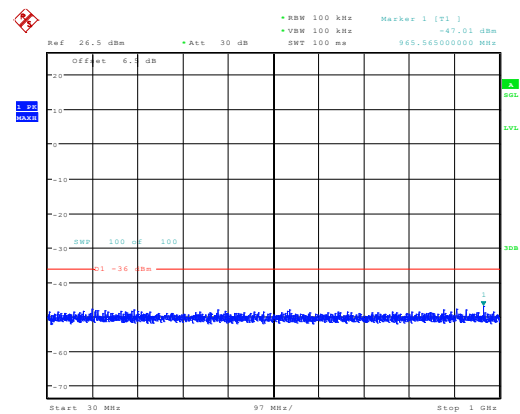
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:42:08

BLE 1M_Low Channel(2.4965GHz~12.5GHz)



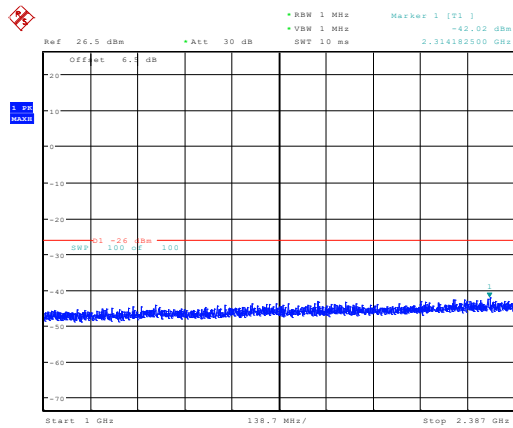
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:42:37

BLE 1M_Middle Channel(30MHz~1GHz)



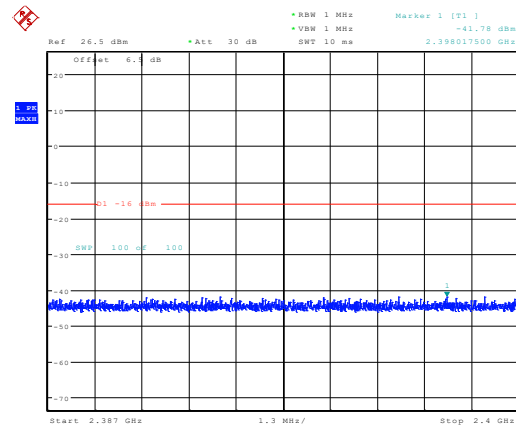
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:44:00

BLE 1M_Middle Channel(1GHz~2.387GHz)



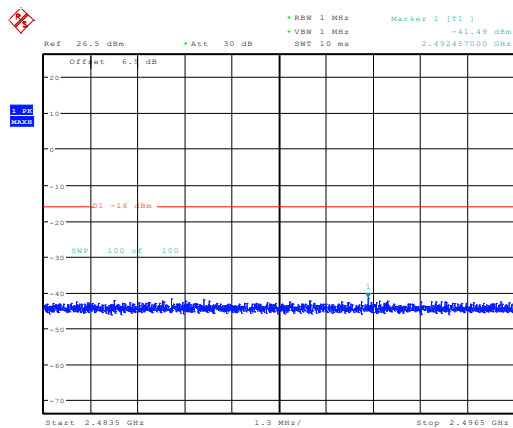
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:44:15

BLE 1M_Middle Channel(2.387GHz~2.4GHz)



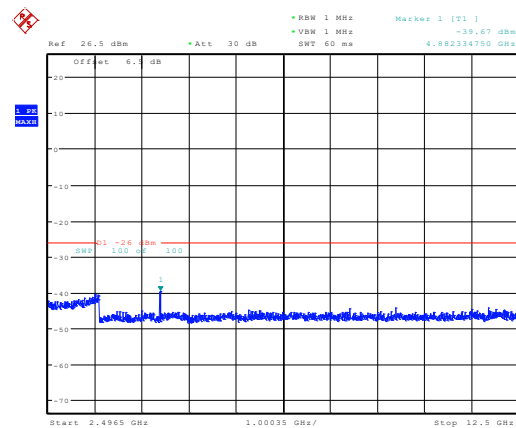
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:44:27

BLE 1M_Middle Channel(2.4835GHz~2.4965GHz)



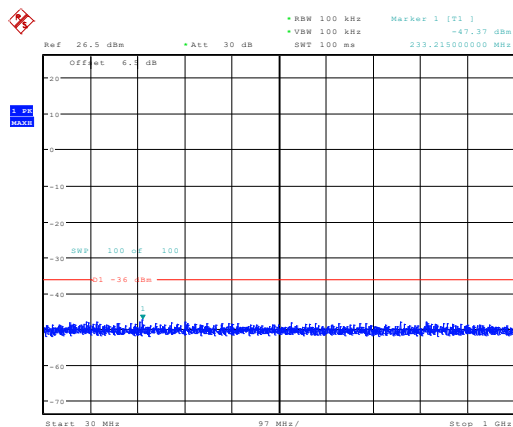
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:44:38

BLE 1M_Middle Channel(2.4965GHz~12.5GHz)



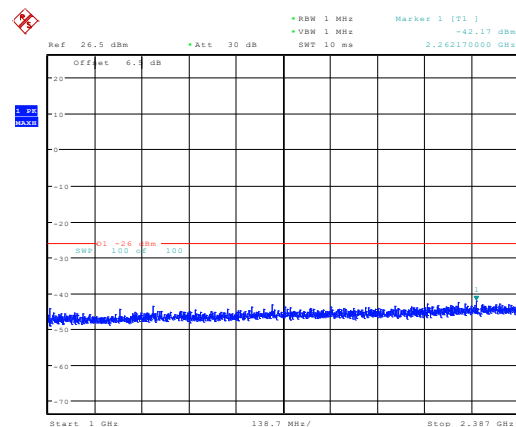
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:45:07

BLE 1M_High Channel(30MHz~1GHz)



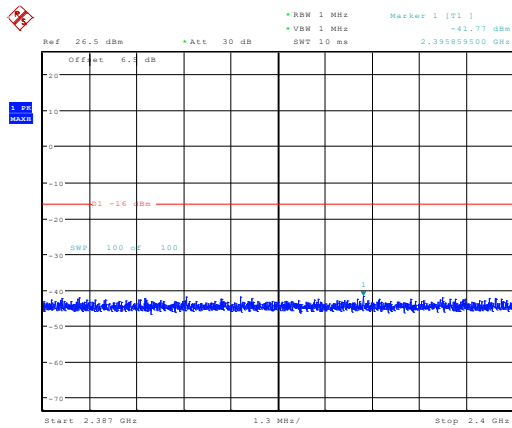
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:46:34

BLE 1M_High Channel(1GHz~2.387GHz)



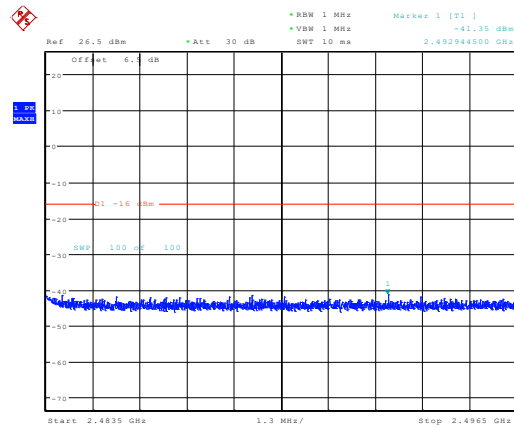
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:46:48

BLE 1M_High Channel(2.387GHz~2.4GHz)



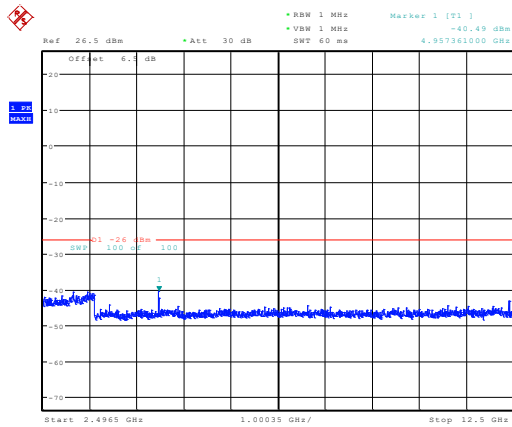
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:47:00

BLE 1M_High Channel(2.4835GHz~2.4965GHz)



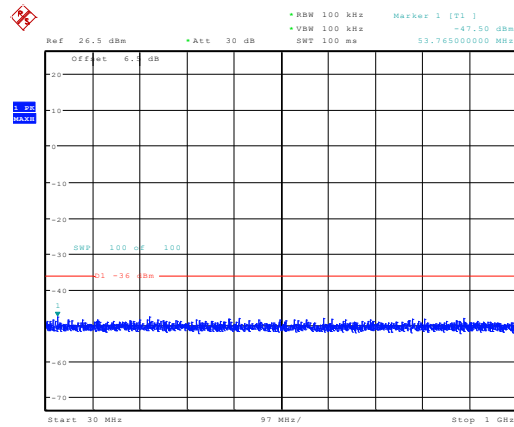
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:47:13

BLE 1M_High Channel(2.4965GHz~12.5GHz)



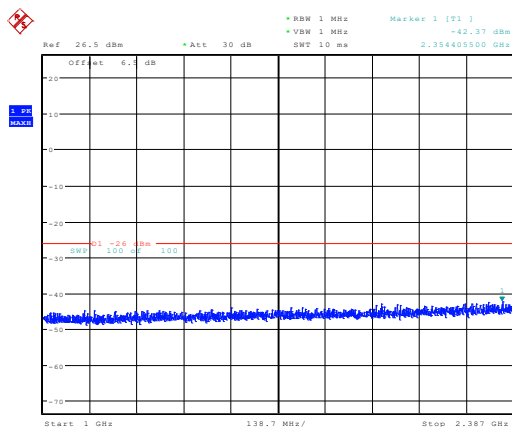
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:47:42

BLE 2M_Low Channel(30MHz~1GHz)



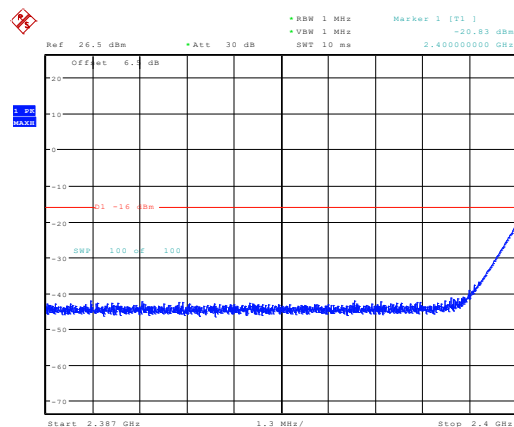
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:49:27

BLE 2M_Low Channel(1GHz~2.387GHz)



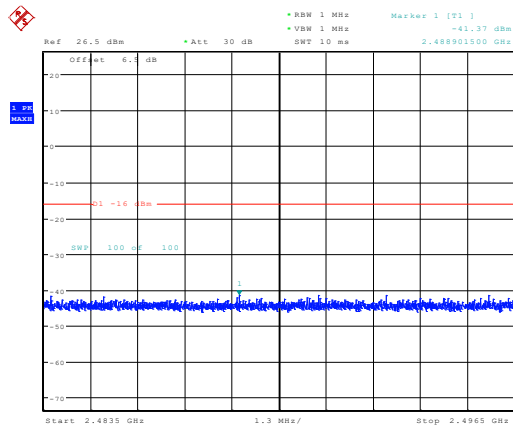
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:49:42

BLE 2M_Low Channel(2.387GHz~2.4GHz)



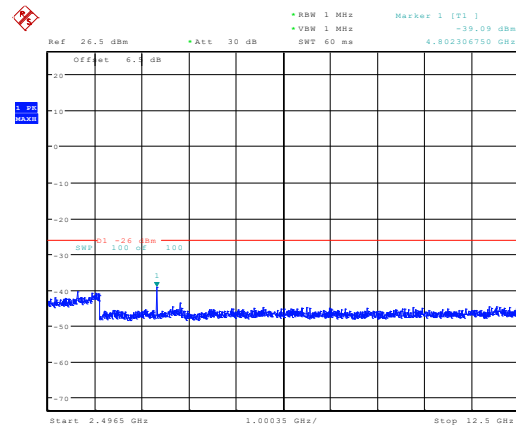
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:49:54

BLE 2M_Low Channel(2.4835GHz~2.4965GHz)



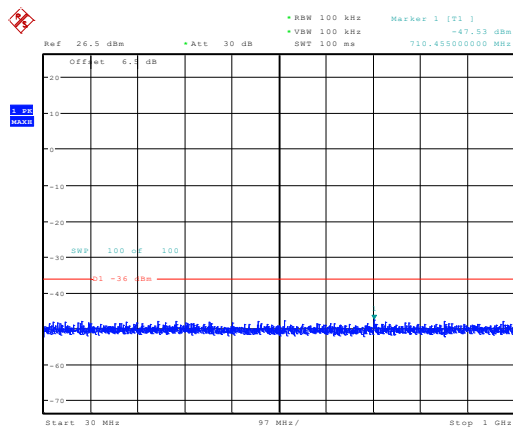
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:50:06

BLE 2M_Low Channel(2.4965GHz~12.5GHz)



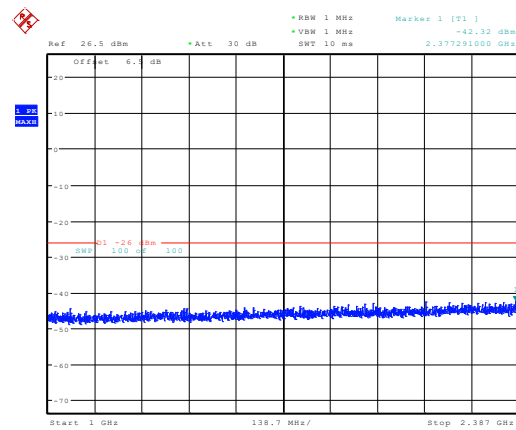
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:50:35

BLE 2M_Middle Channel(30MHz~1GHz)



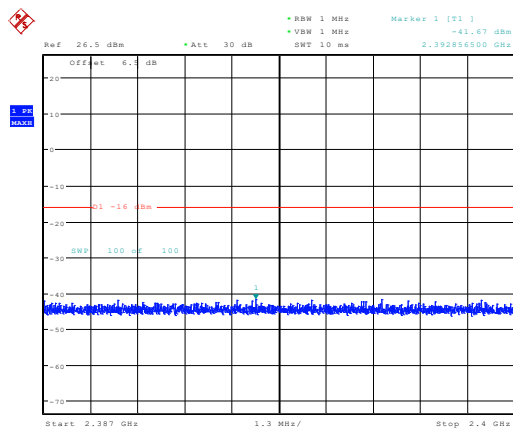
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:52:10

BLE 2M_Middle Channel(1GHz~2.387GHz)



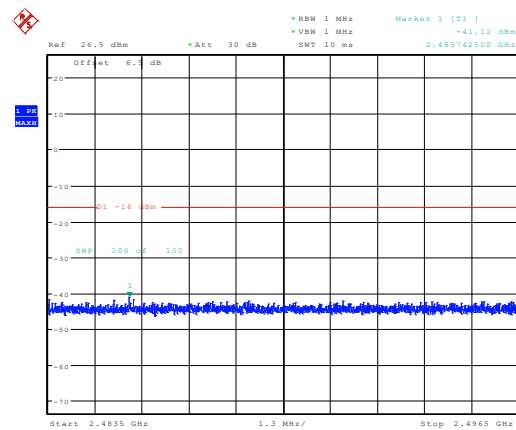
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:52:25

BLE 2M_Middle Channel(2.387GHz~2.4GHz)



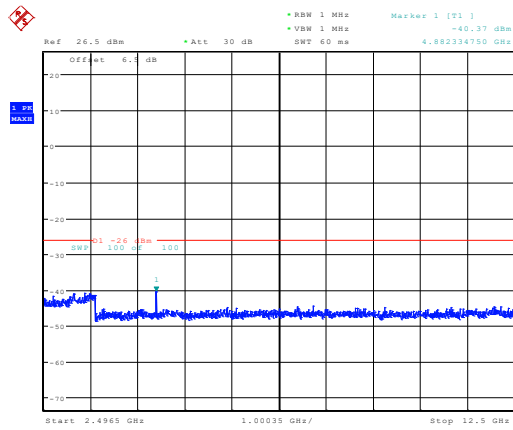
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:52:36

BLE 2M_Middle Channel(2.4835GHz~2.4965GHz)



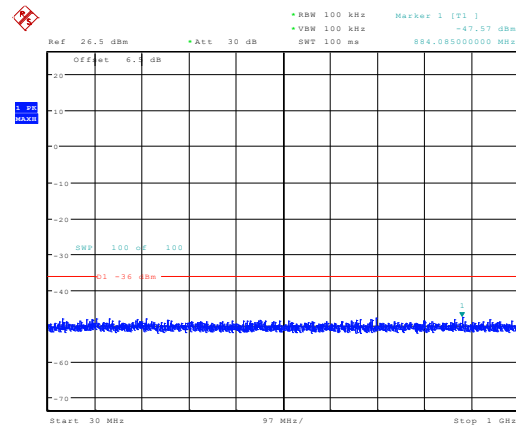
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:52:48

BLE 2M_Middle Channel(2.4965GHz~12.5GHz)



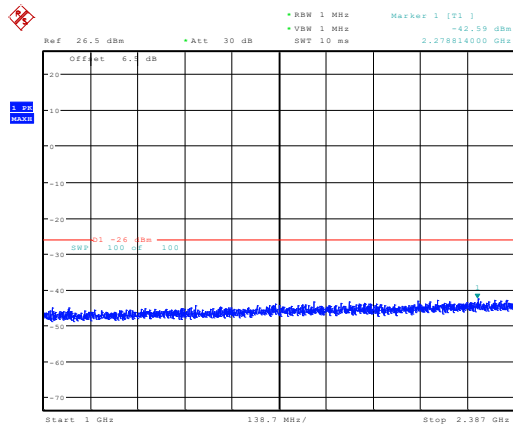
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:53:18

BLE 2M_High Channel(30MHz~1GHz)



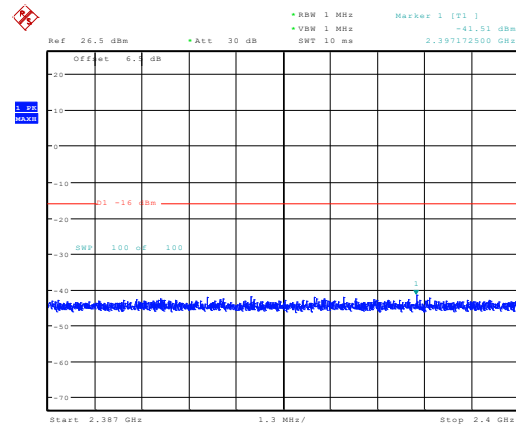
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:55:21

BLE 2M_High Channel(1GHz~2.387GHz)



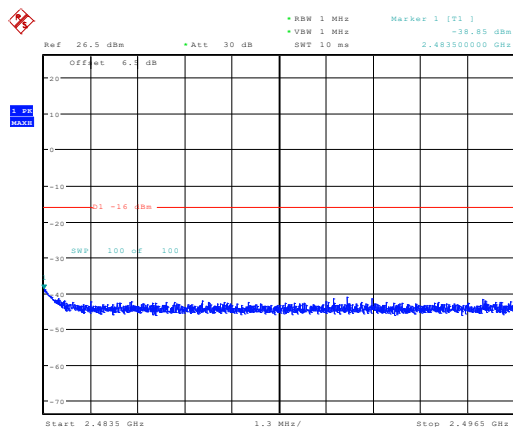
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:55:35

BLE 2M_High Channel(2.387GHz~2.4GHz)



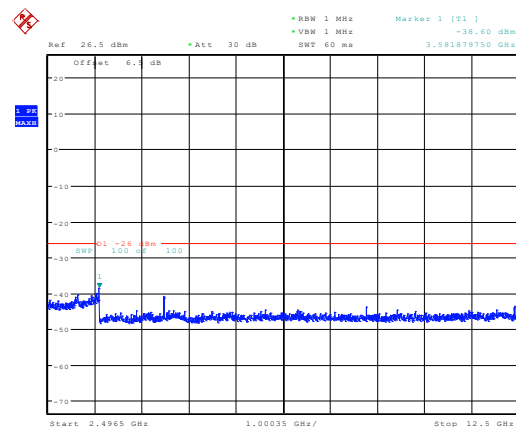
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:55:48

BLE 2M_High Channel(2.4835GHz~2.4965GHz)



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:56:00

BLE 2M_High Channel(2.4965GHz~12.5GHz)



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:56:30

3.3.4 Antenna Output Power and Output Power Tolerance

Mode	Antenna gain (dBi)	Declared power (mW)
BLE 1M	-10.21	1.80
BLE 2M		1.80

Test Condition: NV

Mode	Channel	Conducted power(dBm)	Antenna output power(mW)		Antenna output tolerance(%)		EIRP (dBm)		Verdict
			Result	Limit	Result	Limit	Result	Limit	
BLE 1M	Low	2.59	1.816	≤ 10	0.89	≤ 20	-7.62	≤ 12.14	Pass
	Middle	2.22	1.667		-7.39		-7.99		Pass
	High	2.15	1.641		-8.83		-8.06		Pass
BLE 2M	Low	2.18	1.652	≤ 10	-8.22	≤ 20	-8.03	≤ 12.14	Pass
	Middle	2.09	1.618		-10.11		-8.12		Pass
	High	1.70	1.479		-17.83		-8.51		Pass

Test Condition: LV

Mode	Channel	Conducted power(dBm)	Antenna output power(mW)		Antenna output tolerance(%)		EIRP (dBm)		Verdict
			Result	Limit	Result	Limit	Result	Limit	
BLE 1M	Low	2.59	1.816	≤ 10	0.89	≤ 20	-7.62	≤ 12.14	Pass
	Middle	2.21	1.663		-7.61		-8.00		Pass
	High	2.16	1.644		-8.67		-8.05		Pass
BLE 2M	Low	2.24	1.675	≤ 10	-6.94	≤ 20	-7.97	≤ 12.14	Pass
	Middle	2.05	1.603		-10.94		-8.16		Pass
	High	1.44	1.393		-22.61		-8.77		Pass

Test Condition: HV

Mode	Channel	Conducted power(dBm)	Antenna output power(mW)		Antenna output tolerance(%)		EIRP (dBm)		Verdict
			Result	Limit	Result	Limit	Result	Limit	
BLE 1M	Low	2.62	1.828	≤ 10	1.56	≤ 20	-7.59	≤ 12.14	Pass
	Middle	2.39	1.734		-3.67		-7.82		Pass
	High	2.33	1.710		-5.00		-7.88		Pass
BLE 2M	Low	2.26	1.683	≤ 10	-6.50	≤ 20	-7.95	≤ 12.14	Pass
	Middle	1.66	1.466		-18.56		-8.55		Pass
	High	1.55	1.429		-20.61		-8.66		Pass

Note:

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

Antenna output power tolerance(%) = (Antenna output power - Declared power) / Declared power * 100%

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

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

The Duty cycle factor has added into result in power meter

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	286.4195	-79.97	0.010	4	Pass
		Band II (1MHz)	1000	12500	2413.35	-58.64	1.368	20	Pass
	Middle	Band I (100kHz)	30	1000	898.3925	-77.68	0.017	4	Pass
		Band II (1MHz)	1000	12500	2401.85	-61.73	0.671	20	Pass
	High	Band I (100kHz)	30	1000	898.441	-79.35	0.012	4	Pass
		Band II (1MHz)	1000	12500	4956	-60.15	0.966	20	Pass
BLE 2M	Low	Band I (100kHz)	30	1000	242.818	-79.69	0.011	4	Pass
		Band II (1MHz)	1000	12500	4800.175	-60.07	0.984	20	Pass
	Middle	Band I (100kHz)	30	1000	889.517	-76.11	0.024	4	Pass
		Band II (1MHz)	1000	12500	4876.075	-57.02	1.986	20	Pass
	High	Band I (100kHz)	30	1000	674.274	-80.17	0.010	4	Pass
		Band II (1MHz)	1000	12500	3405.225	-59.40	1.148	20	Pass

Test Condition: LV

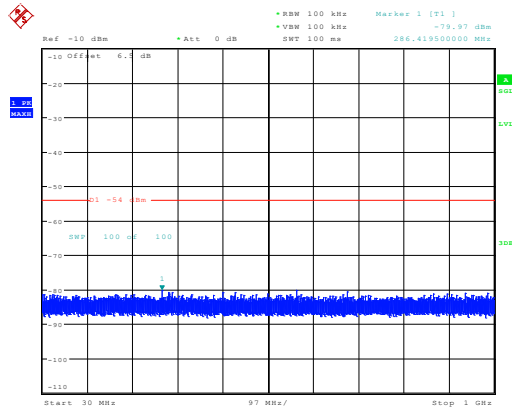
Mode	Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm)	Result (nW)	Limit (nW)	Verdict
			Start(MHz)	Stop(MHz)					
BLE 1M	Low	Band I (100kHz)	30	1000	287.4865	-79.51	0.011	4	Pass
		Band II (1MHz)	1000	12500	5803.55	-55.72	2.679	20	Pass
	Middle	Band I (100kHz)	30	1000	898.441	-79.49	0.011	4	Pass
		Band II (1MHz)	1000	12500	5790.325	-56.97	2.009	20	Pass
	High	Band I (100kHz)	30	1000	889.6625	-79.16	0.012	4	Pass
		Band II (1MHz)	1000	12500	3547.825	-49.36	11.588	20	Pass
BLE 2M	Low	Band I (100kHz)	30	1000	68.6545	-80.44	0.009	4	Pass
		Band II (1MHz)	1000	12500	5807.575	-52.77	5.284	20	Pass
	Middle	Band I (100kHz)	30	1000	346.802	-80.37	0.009	4	Pass
		Band II (1MHz)	1000	12500	2578.375	-55.94	2.547	20	Pass
	High	Band I (100kHz)	30	1000	944.6615	-80.05	0.010	4	Pass
		Band II (1MHz)	1000	12500	3597.275	-52.91	5.117	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	40.282	-80.45	0.009	4	Pass
		Band II (1MHz)	1000	12500	5797.225	-54.67	3.412	20	Pass
	Middle	Band I (100kHz)	30	1000	680.967	-80.32	0.009	4	Pass
		Band II (1MHz)	1000	12500	2401.85	-59.70	1.072	20	Pass
	High	Band I (100kHz)	30	1000	891.069	-80.13	0.010	4	Pass
		Band II (1MHz)	1000	12500	2401.85	-60.97	0.800	20	Pass
BLE 2M	Low	Band I (100kHz)	30	1000	878.847	-80.44	0.009	4	Pass
		Band II (1MHz)	1000	12500	3419.025	-53.91	4.064	20	Pass
	Middle	Band I (100kHz)	30	1000	794.36	-79.55	0.011	4	Pass
		Band II (1MHz)	1000	12500	5785.725	-55.01	3.155	20	Pass
	High	Band I (100kHz)	30	1000	745.7145	-80.11	0.010	4	Pass
		Band II (1MHz)	1000	12500	1744.05	-56.99	2.000	20	Pass

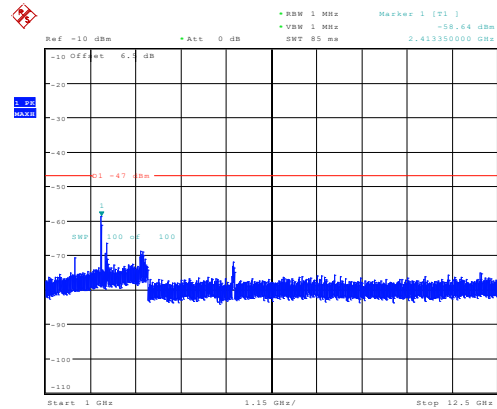
Test Condition: NV

BLE 1M_Low Channel(30MHz~1GHz)



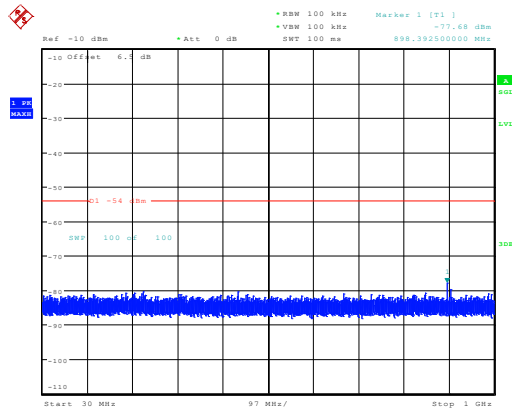
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:08:45

BLE 1M_Low Channel(1GHz~12.5GHz)



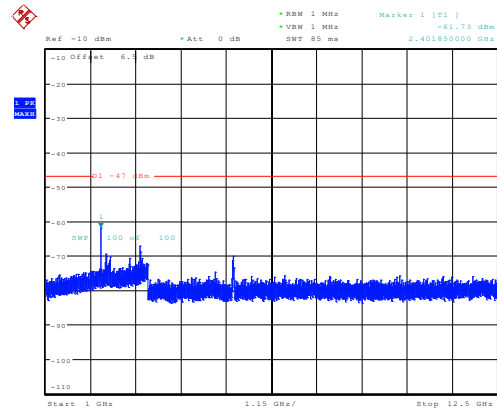
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:12:09

BLE 1M_Middle Channel(30MHz~1GHz)



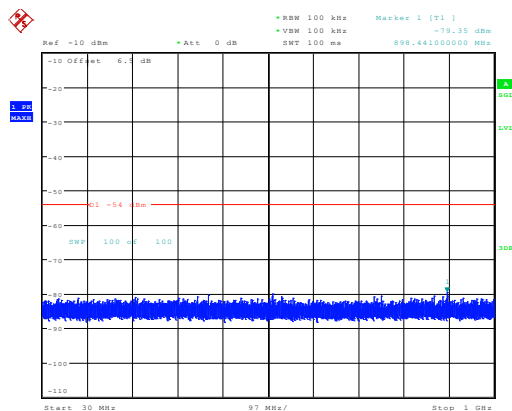
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:12:59

BLE 1M_Middle Channel(1GHz~12.5GHz)



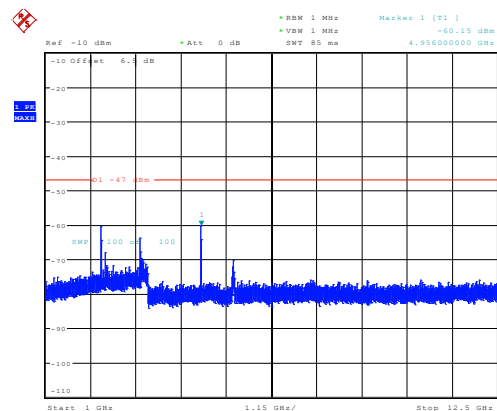
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:21:43

BLE 1M_High Channel(30MHz~1GHz)



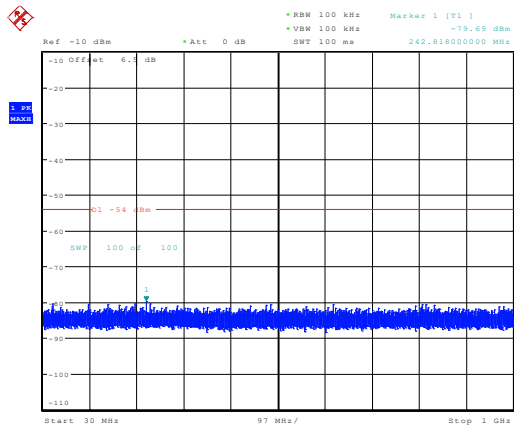
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:22:26

BLE 1M_High Channel(1GHz~12.5GHz)



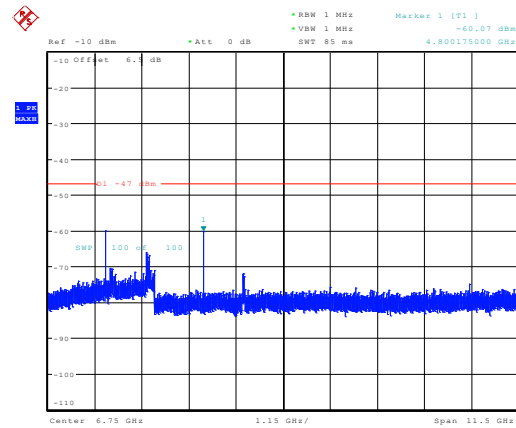
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:23:18

BLE 2M_Low Channel(30MHz~1GHz)



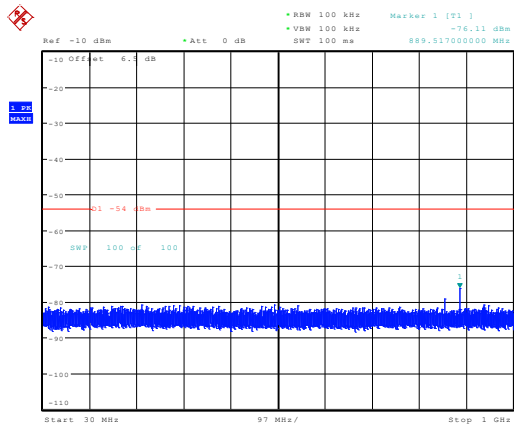
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:23:47

BLE 2M_Low Channel(1GHz~12.5GHz)



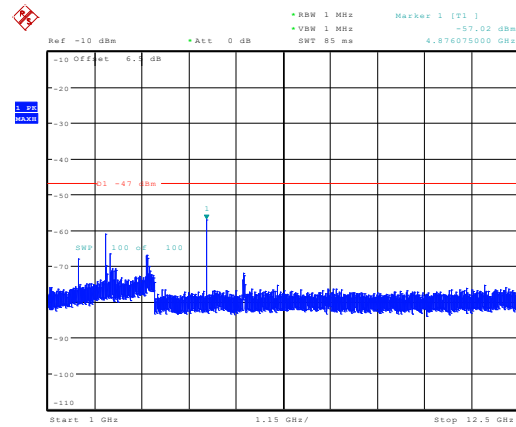
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:25:52

BLE 2M_Middle Channel(30MHz~1GHz)



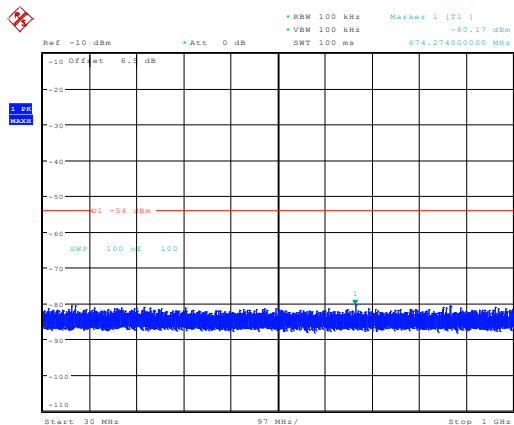
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:26:41

BLE 2M_Middle Channel(1GHz~12.5GHz)



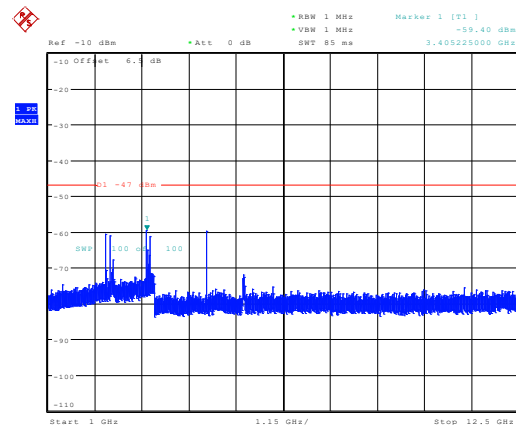
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:27:16

BLE 2M_High Channel(30MHz~1GHz)



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:28:00

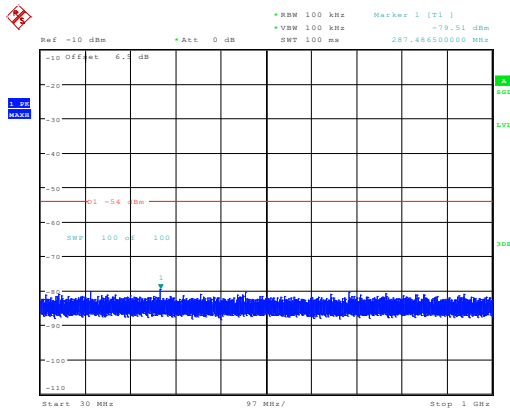
BLE 2M_High Channel(1GHz~12.5GHz)



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:28:36

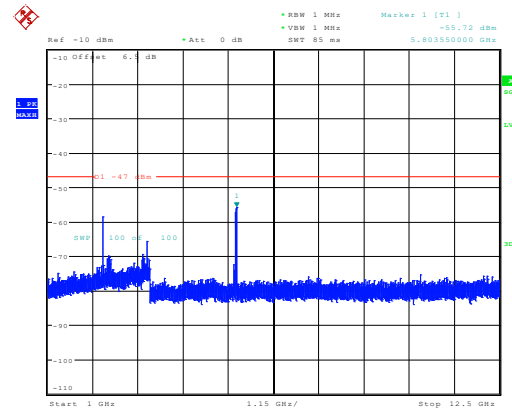
Test Condition: LV

BLE 1M_Low Channel(30MHz~1GHz)



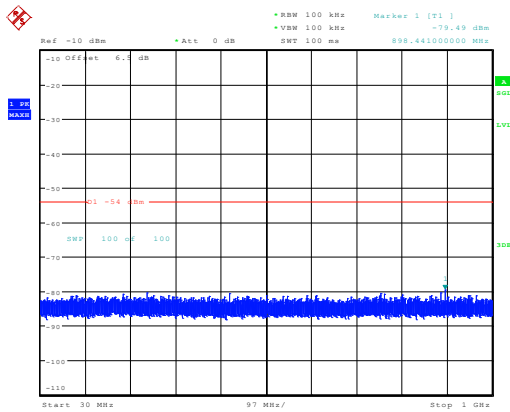
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:30:45

BLE 1M_Low Channel(1GHz~12.5GHz)



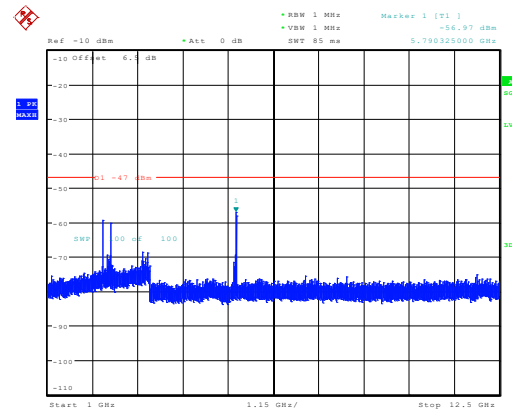
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:34:52

BLE 1M_Middle Channel(30MHz~1GHz)



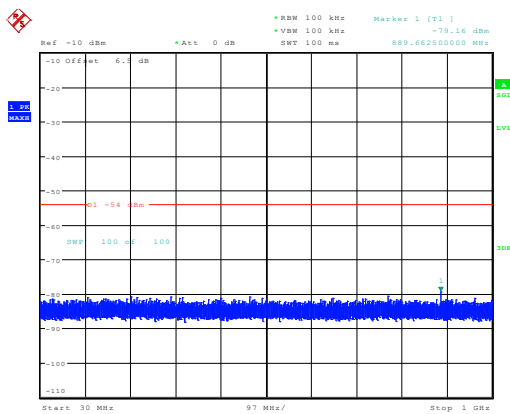
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:35:35

BLE 1M_Middle Channel(1GHz~12.5GHz)



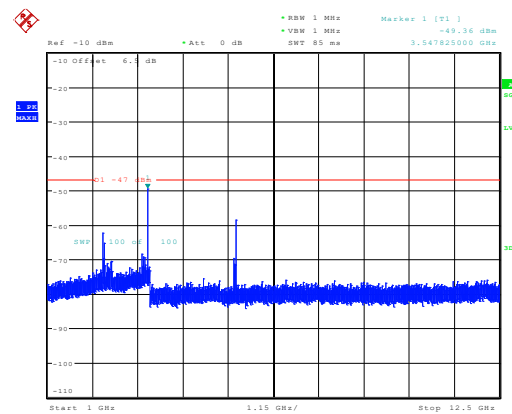
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:36:12

BLE 1M_High Channel(30MHz~1GHz)



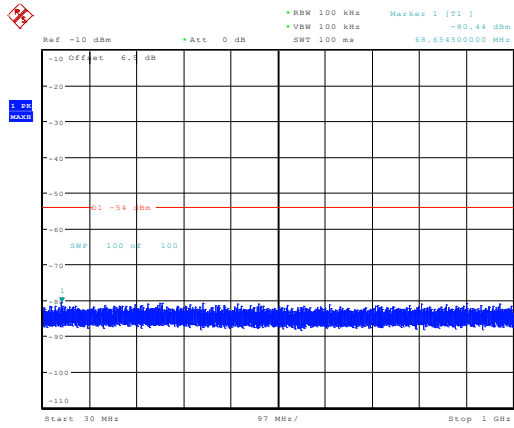
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:37:38

BLE 1M_High Channel(1GHz~12.5GHz)



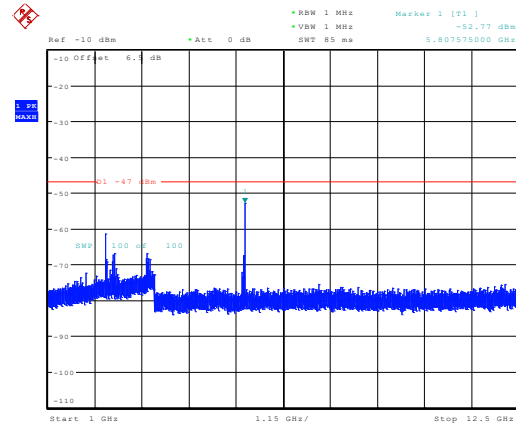
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:38:14

BLE 2M_Low Channel(30MHz~1GHz)



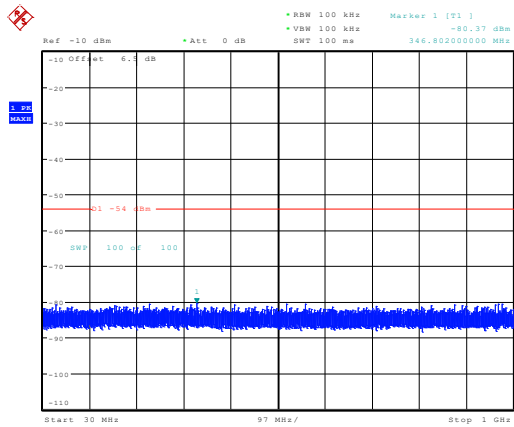
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:39:28

BLE 2M_Low Channel(1GHz~12.5GHz)



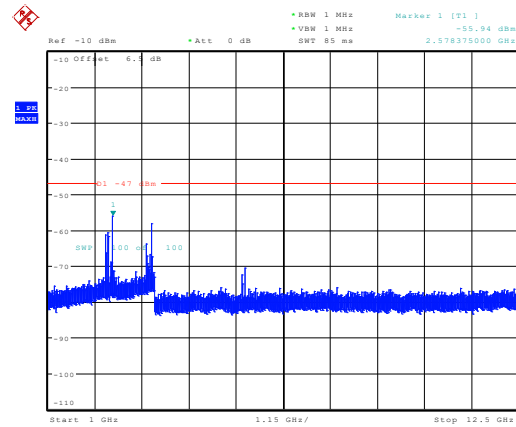
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:40:04

BLE 2M_Middle Channel(30MHz~1GHz)



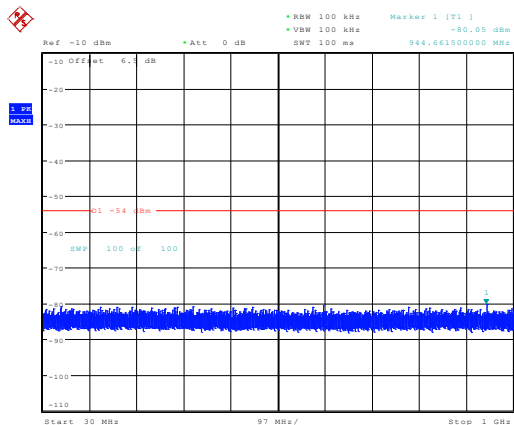
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:41:38

BLE 2M_Middle Channel(1GHz~12.5GHz)



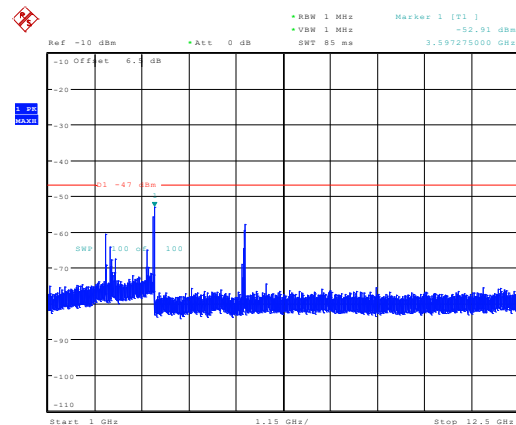
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:46:12

BLE 2M_High Channel(30MHz~1GHz)



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:42:52

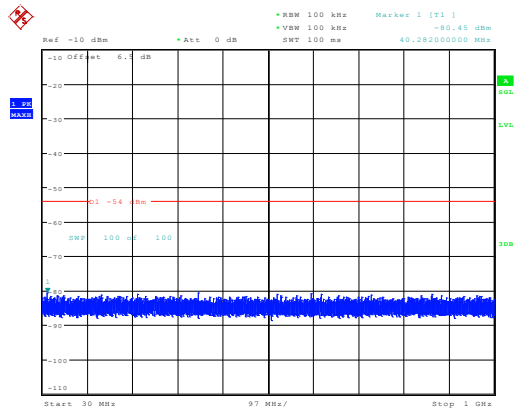
BLE 2M_High Channel(1GHz~12.5GHz)



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 15:44:35

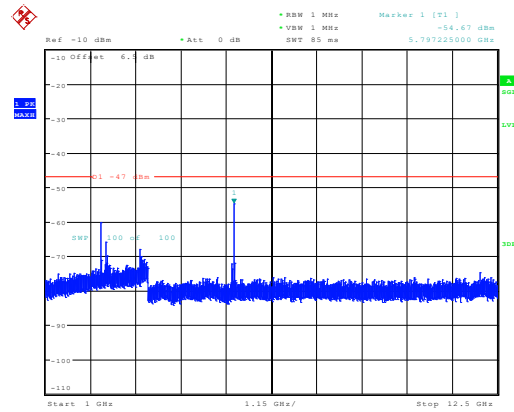
Test Condition: HV

BLE 1M_Low Channel(30MHz~1GHz)



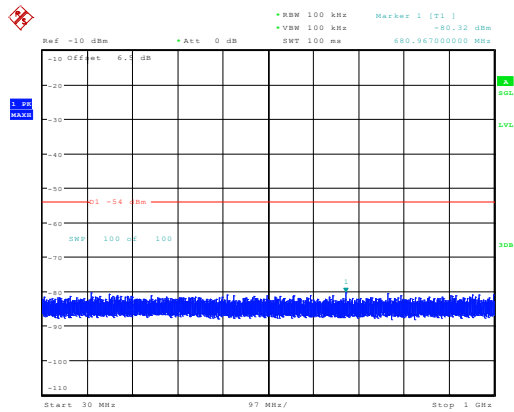
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:57:27

BLE 1M_Low Channel(1GHz~12.5GHz)



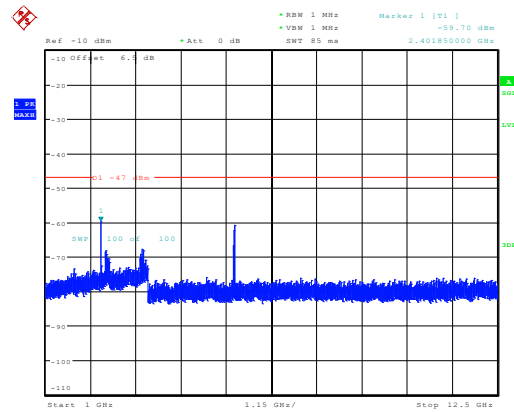
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:58:03

BLE 1M_Middle Channel(30MHz~1GHz)



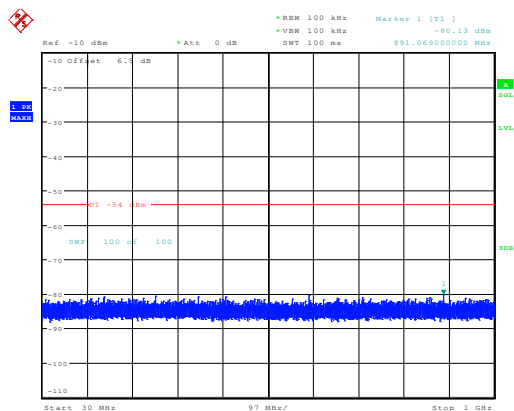
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:59:23

BLE 1M_Middle Channel(1GHz~12.5GHz)



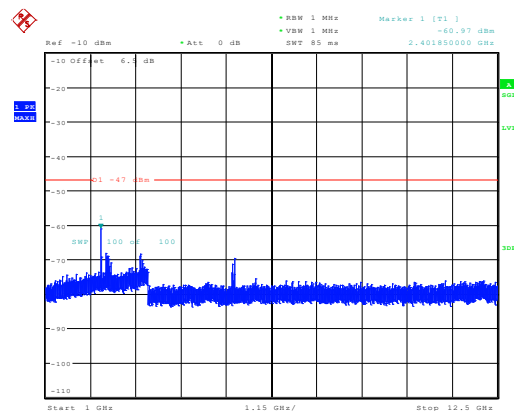
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 16:59:59

BLE 1M_High Channel(30MHz~1GHz)



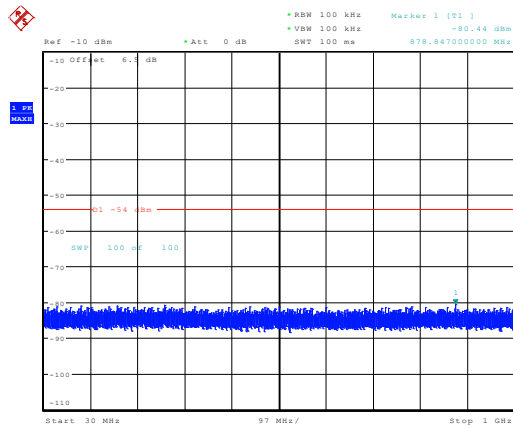
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 17:01:27

BLE 1M_High Channel(1GHz~12.5GHz)



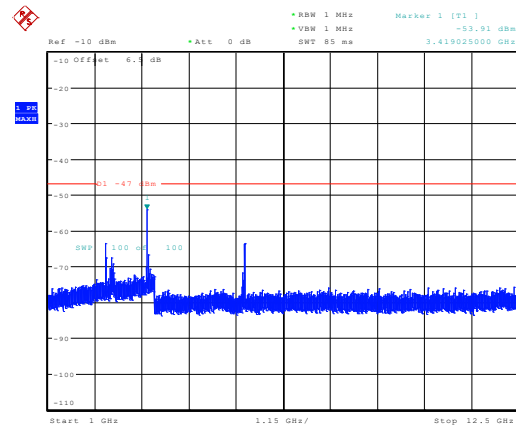
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 17:02:04

BLE 2M_Low Channel(30MHz~1GHz)



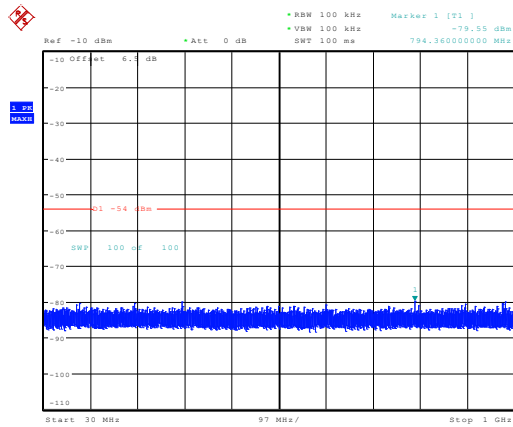
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 17:02:57

BLE 2M_Low Channel(1GHz~12.5GHz)



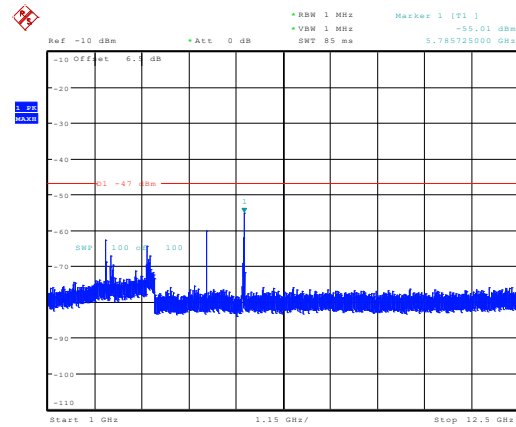
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 17:03:33

BLE 2M_Middle Channel(30MHz~1GHz)



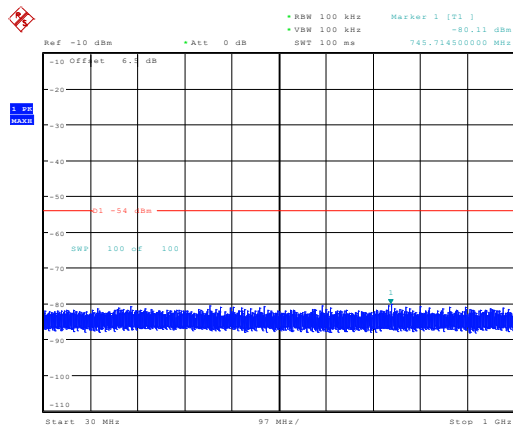
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 17:05:51

BLE 2M_Middle Channel(1GHz~12.5GHz)



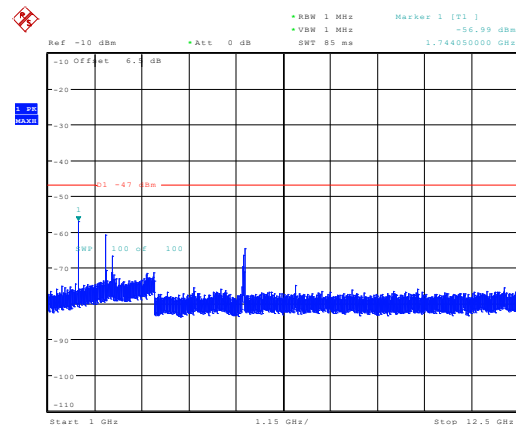
ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 17:06:26

BLE 2M_High Channel(30MHz~1GHz)



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 17:09:21

BLE 2M_High Channel(1GHz~12.5GHz)



ProjectNo.:2605T05686E-RF Tester:Ryan Zhang
Date: 22.MAY.2026 17:10:02

3.3.6 Interference Prevention Function

Test Result: Compliant, the EUT can transmit or receive the identification 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 2605T05686E Test Setup photo.

5 E.U.T Photo

Please refer to the attachment 2605T05686E External photo and 2605T05686E Internal photo.

---End of Report---