

Japan Radio Test Report

for

LCD monitors

Model: LS7P

Trade Mark: PORTKEYS

Test Report Number: WSCT-R&E250900590A-BLE

Issued Date: 15 September 2025

Issued for

SHENZHEN PORTKEYS ELECTRONIC TECHNOLOGY CO.,LTD

Room 401, Building 1, No. 107 Baoye Road, Zhangkengjing Community,
Guanhu Subdistrict, Longhua District, Shenzhen

Issued By

World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.

Building J-7F and Building D, Dongjiang Science & Technology Park,
Tangjia Community, Fenghuang Street, Guangming District, Shenzhen City,
Guangdong Province, China

TEL: +86-755-23695561

FAX: +86-755-86376605



Note: This report shall not be reproduced except in full, without the written approval of World Standardization Certification & Testing Group (Shenzhen) Co., Ltd. This document may be altered or revised by World Standardization Certification & Testing Group (Shenzhen) Co., Ltd. personnel only, and shall be noted in the revision section of the document. The test results in the report only apply to the tested sample.



Revision History Of Report

Rev.	Issue No.	Revisions	Effect Page	Revised By
00	WSCT-R&E250900590A-BLE	Initial Issue	ALL	Li Huaibi



TABLE OF CONTENTS

1. TEST CERTIFICATION	4
2. EUT DESCRIPTION	5
2.1. General information	5
3. TEST RESULT SUMMARY	7
3.1. Test Methodology	7
3.2. Measurement Uncertainty	9
4 FACILITIES AND ACCREDITATIONS	10
5. TEST EQUIPMENTS	11
6. STANDARD REQUIREMENT	12
6.1. Frequency Deviation	12
6.1.1. Test Specification	12
6.2. Occupied frequency bandwidth and Spread bandwidth	17
6.2.1. Test Specification	17
6.3. Secondary emission of radio wave	25
6.3.1. Test Specification	25
6.4. Antenna power and deviation	33
6.4.1. Test Specification	33
6.5. Spurious Radiation Or Extraneous Emission Strength	41
6.5.1. Test Specification	41
6.6. Interference prevention function	51
6.6.1. Test Specification	51
Test Data	51
7. TEST SETUP PHOTOGRAPHS	52
8. PHOTOGRAPHS OF EUT	53



1. TEST CERTIFICATION

Product: LCD monitors

Model: LS7P

Trade Mark: PORTKEYS

Applicant: SHENZHEN PORTKEYS ELECTRONIC TECHNOLOGY CO.,LTD
Room 401, Building 1, No. 107 Baoye Road, Zhangkengjing Community,
Guanhu Subdistrict, Longhua District, Shenzhen

Manufacturer: SHENZHEN PORTKEYS ELECTRONIC TECHNOLOGY CO.,LTD
Room 401, Building 1, No. 107 Baoye Road, Zhangkengjing Community,
Guanhu Subdistrict, Longhua District, Shenzhen

Tested: 18 August 2025 ~ 13 September 2025

Applicable Standards: MIC Notice No.88 Appendix No.43 Article 2, Paragraph 1, Item 19
ARIB STD-T66 Ver. 3.7: 2014

Deviation from Applicable Standard

None

The above equipment has been tested by World Standardization Certification & Testing Group (Shenzhen) Co., Ltd. And found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Tested By:

Wang Xiang

(Wang Xiang)

Checked By:

Qin Shuiquan

(Qin Shuiquan)

Approved By:

Li Huaibi

(Li Huaibi)

Date:

13 September 2025



2. EUT DESCRIPTION

2.1. General information

Product	LCD monitors
Model	LS7P
Trade Mark	PORTKEYS
Software Version	LS7P-V1.12.2A.B68.S01
Hardware Version	D
Antenna gain	1.83dBi
EUT Type	☒ Engineering Sample. ☐ Product Sample, ☐ Mass Product Sample.
Serial Number	N/A
Antenna Type	External Antenna
Test Power	Adapter: FY 1218000 Input: 150-240V~ 50/60Hz Output: 12V...1800mA
Type of the Equipment	Portable Equipment
Operating Frequency	2402~2480 MHz (TX/RX);
Modulation type	GFSK

Note: N/A stands for no applicable.

Models difference

NA

Channels list:

Channel	Frequency (GHz)	Channel	Frequency (GHz)
0	2.402	20	2.442
1	2.404	21	2.444
2	2.406	22	2.446
3	2.408	23	2.448
4	2.410	24	2.450
5	2.412	25	2.452
6	2.414	26	2.454
7	2.416	27	2.456
8	2.418	28	2.458
9	2.420	29	2.460
10	2.422	30	2.462
11	2.424	31	2.464
12	2.426	32	2.466
13	2.428	33	2.468
14	2.430	34	2.470
15	2.432	35	2.472
16	2.434	36	2.474
17	2.436	37	2.476
18	2.438	38	2.478
19	2.440	39	2.480

3. TEST RESULT SUMMARY

3.1. Test Methodology

Article 2 paragraph 1 item 19	Description of Test	Test Result
Section 3	Frequency Deviation	PASS
Section 4	Occupied frequency bandwidth and Spread bandwidth	PASS
Section 5	Spurious radiation or extraneous emission strength	PASS
Section 6	Antenna power and deviation	PASS
Section 7	Secondary emission of radio wave	PASS
Section 8	Transmitting antenna absolute gain	N/A
Section 9	Main lobe width of transmitting antenna	N/A
Section 10	Interference prevention function	PASS

Note:

1. PASS: Test item meets the requirement.
2. Fail: Test item does not meet the requirement.
3. N/A: Test case does not apply to the test object.
4. The test result judgment is decided by the limit of test standard.



Environmental condition of test site

	Normal Test Conditions	Extreme Test Conditions
Temperature	25°C	LT:-5°C ;HT: 45°C
Relative Humidity	56%	N/A
Supply Voltage	DC 12V	LV:DC 10.5V; HV:13.5V

NT: Normal Temperature; LV:Low Voltage 10.5V;NV: Normal Voltage 12V;HV:High Voltage 13.5V.

Note: The EUT has voltage regulator chips, so Conduct the test with the rated voltage only.

Test Voltage Information		
Power supply voltage 12VDC(Normal)	Power supply voltage 10.5V DC(-10%)	Power supply voltage V 13.5 DC(+10%)
RF module voltage DC 3.7V	RF module voltage DC 3.7V	RF module voltage DC 3.7V
When EUT be operated at 10% from the normal supply voltage, the supply voltage of RF part was varied within 1%. All test cased were done under the normal supply voltage. Note: For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.		

3.2. Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	RF power, conducted	$\pm 0.16\text{dB}$
2	Spurious emissions, conducted	$\pm 1.3\text{dB}$
3	Temperature	$\pm 0.5^{\circ}\text{C}$
4	Humidity	$\pm 2\%$



4 FACILITIES AND ACCREDITATIONS

FACILITIES

All measurement facilities used to collect the measurement data are located at

World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.

Building J-7F and Building D, Dongjiang Science & Technology Park, Tangjia Community, Fenghuang Street, Guangming District, Shenzhen City, Guangdong Province, China

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025:2017.

China	CNAS (Registration Number: L3732)
USA	A2LA (Certificate Number: 5768.01)
Canada	ISED(CAB identifier:CN0111)

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.wsct-cert.com>



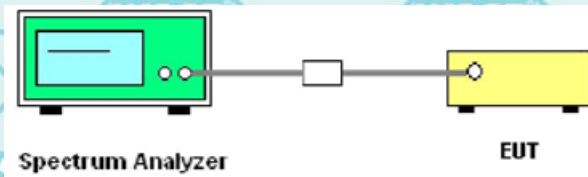
5. TEST EQUIPMENTS

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibrated	Calibrated until	Use or Not
EMI Test Receiver	R&S	ESR7	102817	2025-04-18	2026-04-17	☒
Bi-log Antenna	SCHWARZBECK	VULB9168	01664	2025-04-20	2026-04-19	☒
Horn Antenna	R&S	BBHA 9120D	01801	2025-04-19	2026-04-18	☒
pre-amplifier	SCHWARZBECK	CC-AMP-N-6G	231023-6GHZ	2025-04-18	2026-04-17	☒
Spectrum analyzer	Agilent Technologies	N9020A	MY53371004	2025-03-06	2026-03-05	☒
Spectrum analyzer	Agilent Technologies	N9010B	MY63390117	2025-04-18	2026-04-17	☒
Vector Signal Source	Agilent Technologies	N5182A	MY48180819	2025-03-06	2026-03-05	☒
Analog signal source	R&S	E8257D	MY49280264	2025-03-06	2026-03-05	☒
Power meter	Agilent Technologies	E9340A	US39400100	2025-03-06	2026-03-05	☒
Anechoic chamber	mr-emc	966	-	2023-05-30	2026-05-29	☒
Universal Radio Communication Tester	R&S	CMW500	139123	2025-03-06	2026-03-05	☒

6. STANDARD REQUIREMENT

6.1. Frequency Deviation

6.1.1. Test Specification

Test Requirement:	Article 2 paragraph 1 item (19)
Limits:	2402~2480MHz
Test Setup:	 The diagram shows a Spectrum Analyzer (green box) connected to an EUT (yellow box) via a cable. The Spectrum Analyzer is labeled 'Spectrum Analyzer' and the EUT is labeled 'EUT'.
Test Procedure:	1. Frequency accuracy of SA shall be less than 10% of limits tolerance (5ppm) 2. Setting of SA is following as: RBW:10 kHz / VBW:30 kHz 3. Center Frequency: The center frequency of testing for EUT 4. Sweep time: Auto 5. Sweep mode: Continuous sweep 6. Detect mode: Positive peak 7. EUT have transmitted absence of modulation signal and fixed channelize. f is using the mark cursor to mark the peak frequency value, fc is declaring of channel frequency. Then the frequency error formula is $(f - f_c)/f_c \times 10^6$ ppm and the limit is ± 50 ppm.
Test Result:	PASS

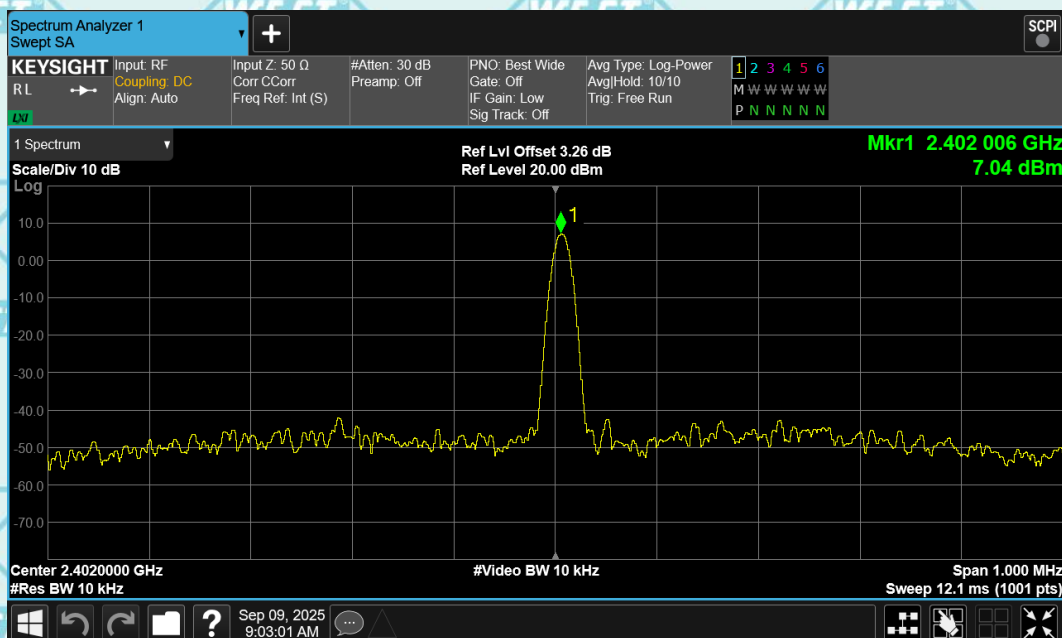
Test Data

TestCondition	TestMode	Freq(MHz)	CenterFreq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	BLE_1M	2402	2402.006	2.5	±50	PASS
NTNV	BLE_1M	2440	2440.006	2.46	±50	PASS
NTNV	BLE_1M	2480	2480.006	2.42	±50	PASS
NTNV	BLE_2M	2402	2402.007	2.91	±50	PASS
NTNV	BLE_2M	2440	2440.007	2.87	±50	PASS
NTNV	BLE_2M	2480	2480.007	2.82	±50	PASS

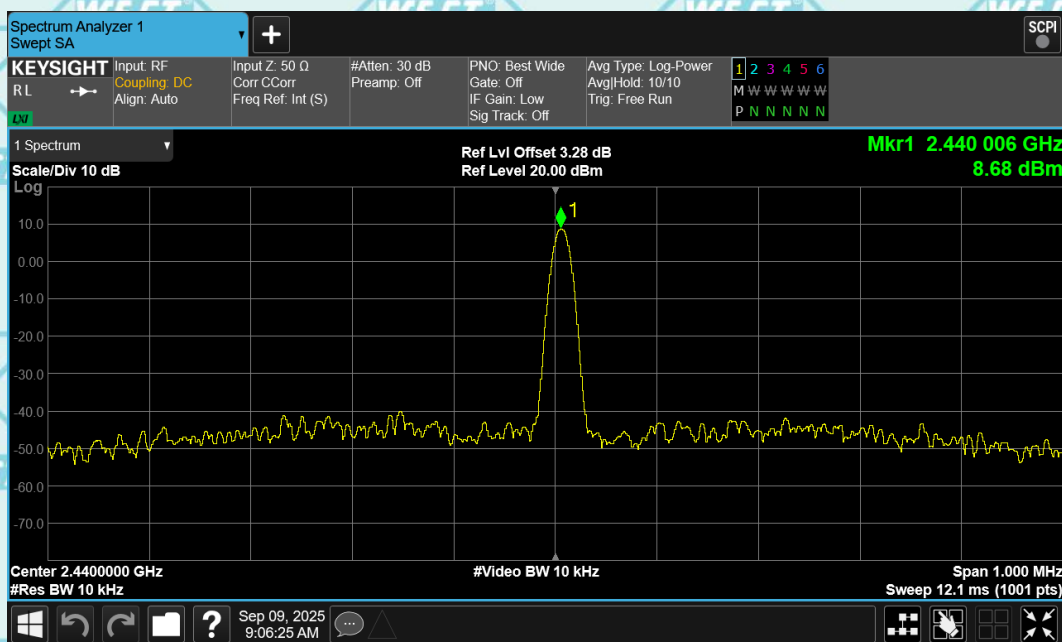


Frequency Error

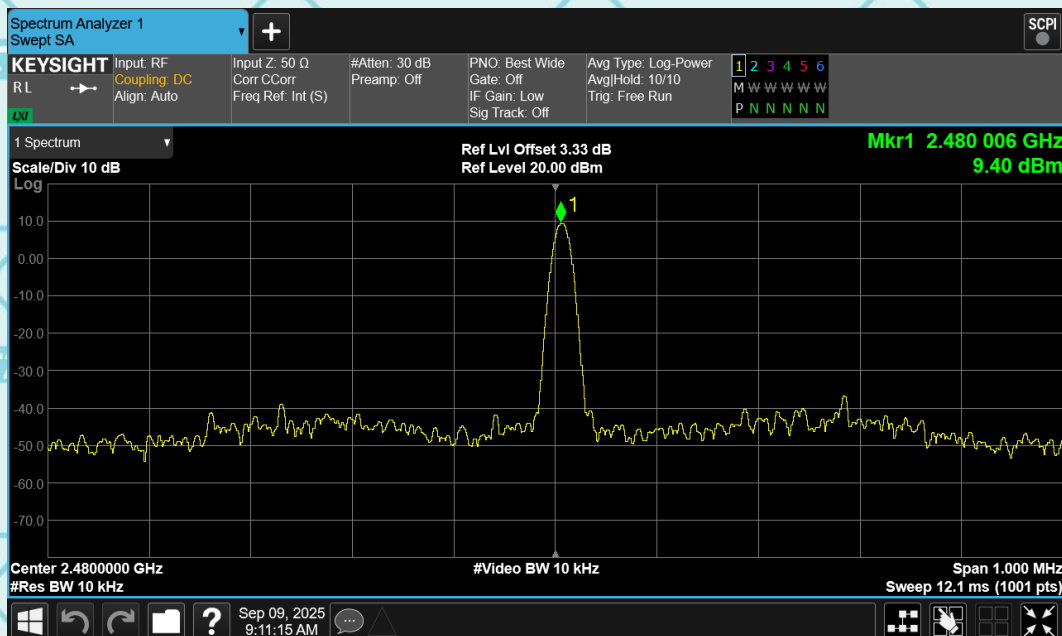
3.7V-2402-Frequency error



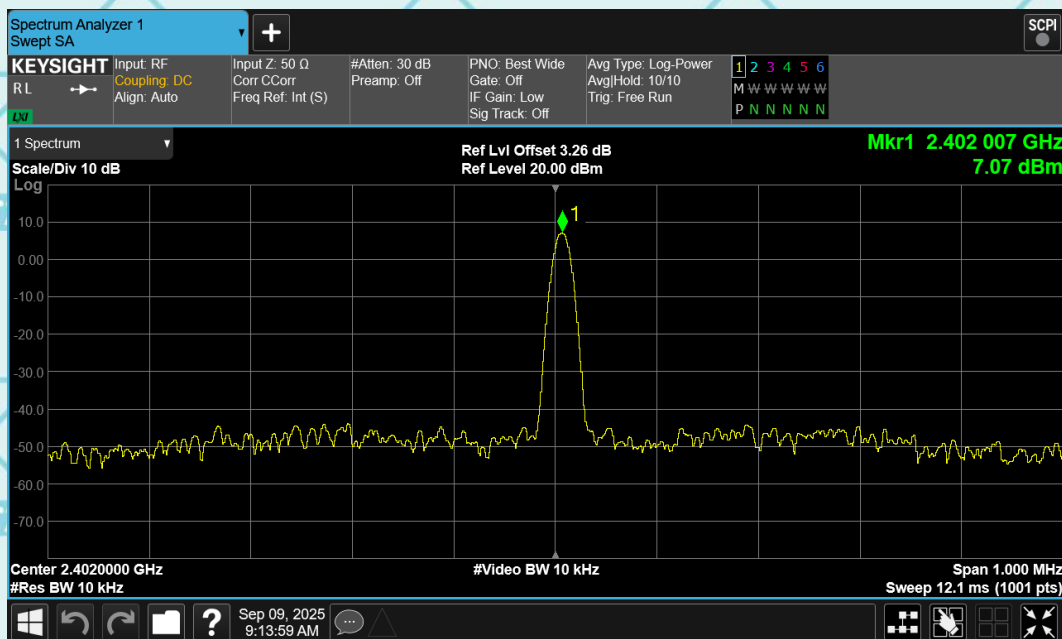
3.7V-2440-Frequency error



3.7V-2480-Frequency error

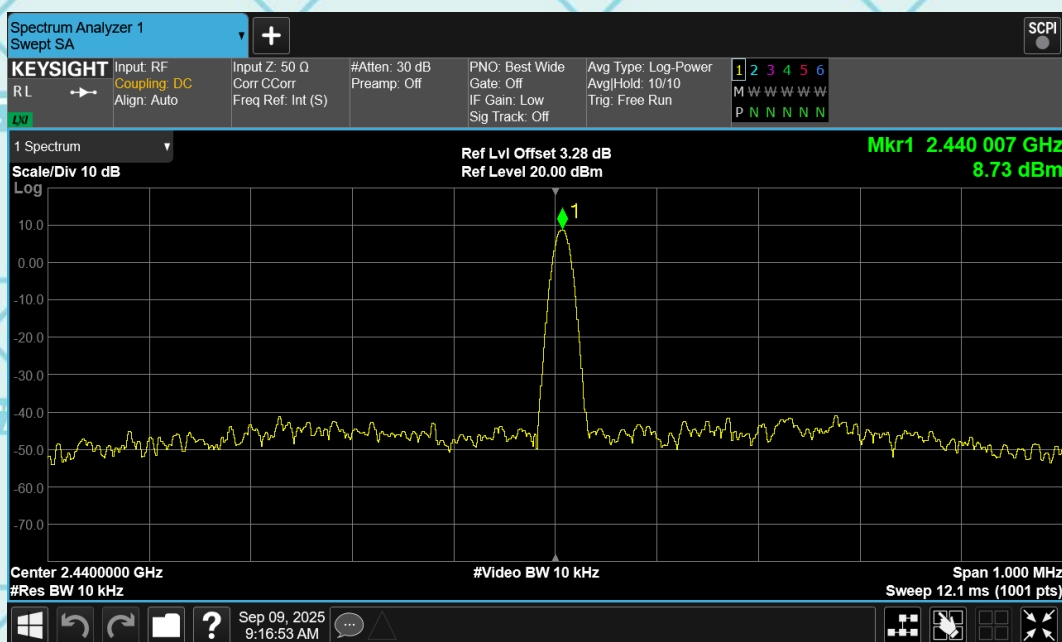


3.0V-2402-Frequency error

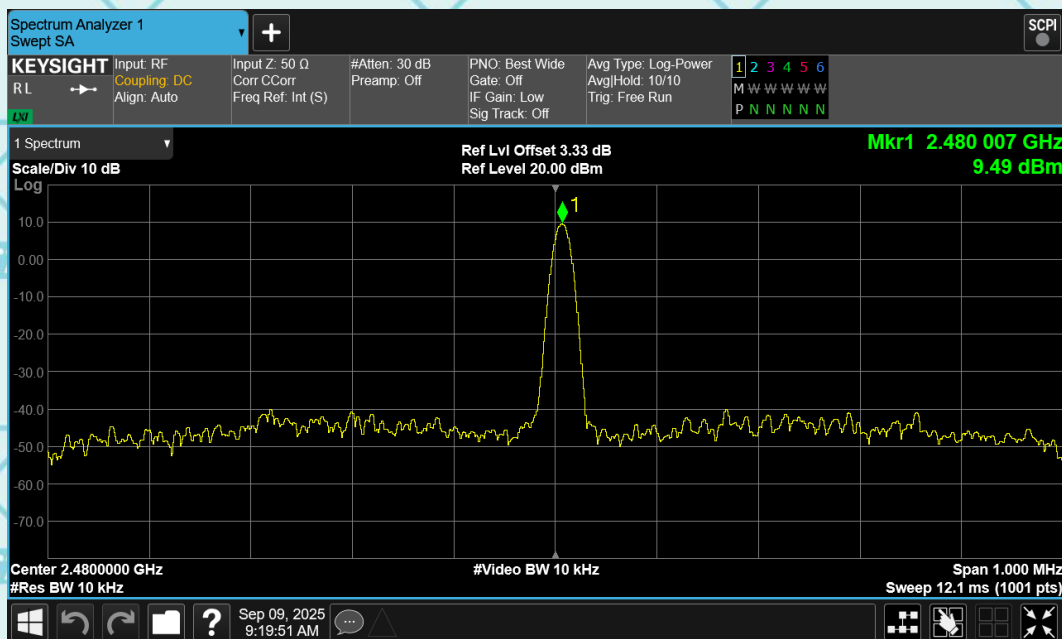


3.0V-2440-Frequency error





3.0V-2480-Frequency error



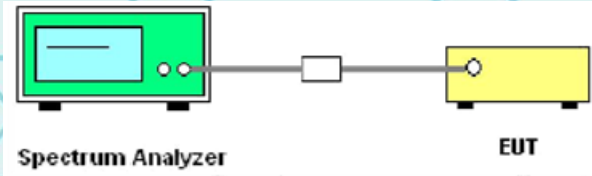
Test Result:

Pass



6.2. Occupied frequency bandwidth and Spread bandwidth

6.2.1. Test Specification

Test Requirement:	Article 2 paragraph 1 item (19)
Limits:	26 MHz for Occupied frequency bandwidth 500 kHz for Spread bandwidth
Test Setup:	 The diagram illustrates the test setup. On the left is a green box labeled 'Spectrum Analyzer'. A cable connects it to a small white box, which in turn connects to a yellow box labeled 'EUT' (Unit Under Test).
Test Procedure:	- Setting of SA is following as: RBW:300 kHz / VBW: 300 kHz / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold - EUT have transmitted the maximum modulation signal and fixed channelize (For DSSS or OFDM Device) or continuous maximum power of hopping mode (For Test Procedure: FHSS14 Device). SA set to 99% of occupied bandwidth to measure occupied bandwidth. The limit is less than 26 MHz (For DSSS or OFDM Device) or 83.5 MHz (For FHSS Device). - SA set to 90% of occupied bandwidth to measure Spread Spectrum Bandwidth and must greater than 500 kHz.
Test Result:	PASS

Test Limit:

Item	Limits
OCCUPIED BANDWIDTH (99%)	FH: 83.5 MHz
	FH + DS: 83.5 MHz
	FH + OFDM: 83.5MHz
	OFDM, DS: 26MHz
	Others: 26MHz
	OFDM equipment with 40MHz channel separation: 40MHz
Spreading Bandwidth(90%)	Spreading Factor: N/A
	Spread bandwidth: 500KHz or more

Occupied Frequency Bandwidth

TestCondition	TestMode	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	2402	1.249	≤ 26	PASS
NTNV	BLE_1M	2440	1.259	≤ 26	PASS
NTNV	BLE_1M	2480	1.286	≤ 26	PASS
NTNV	BLE_2M	2402	2.11	≤ 26	PASS
NTNV	BLE_2M	2440	2.116	≤ 26	PASS
NTNV	BLE_2M	2480	2.118	≤ 26	PASS

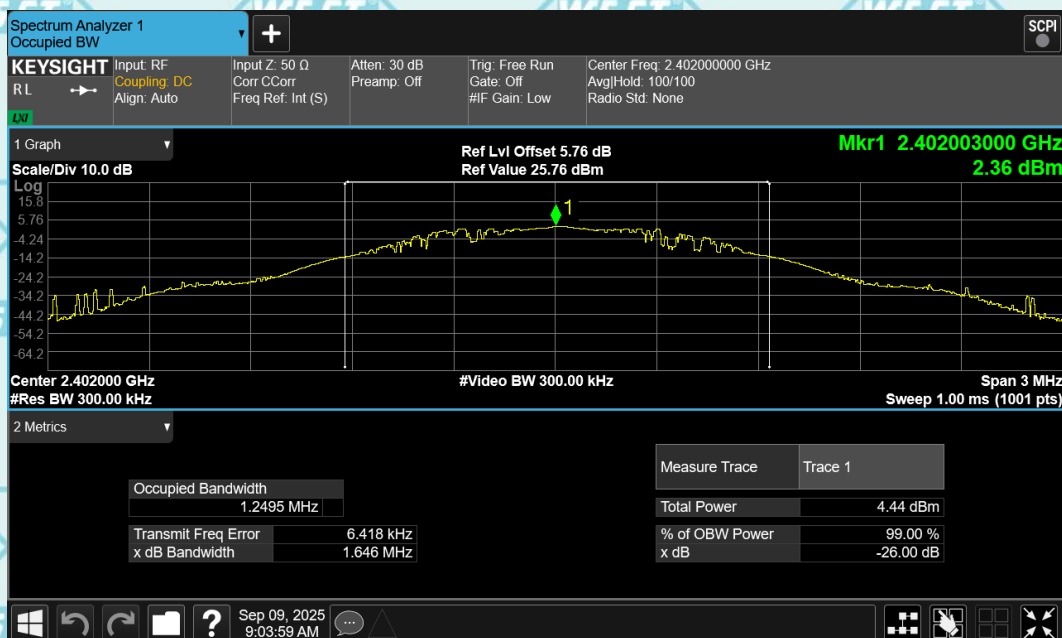
Spread Bandwidth

TestCondition	TestMode	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	2402	0.801	≥ 0.5	PASS
NTNV	BLE_1M	2440	0.803	≥ 0.5	PASS
NTNV	BLE_1M	2480	0.741	≥ 0.5	PASS
NTNV	BLE_2M	2402	1.364	≥ 0.5	PASS
NTNV	BLE_2M	2440	1.357	≥ 0.5	PASS
NTNV	BLE_2M	2480	1.355	≥ 0.5	PASS

99% Occupied Frequency Bandwidth(MHz)

Normal Voltage

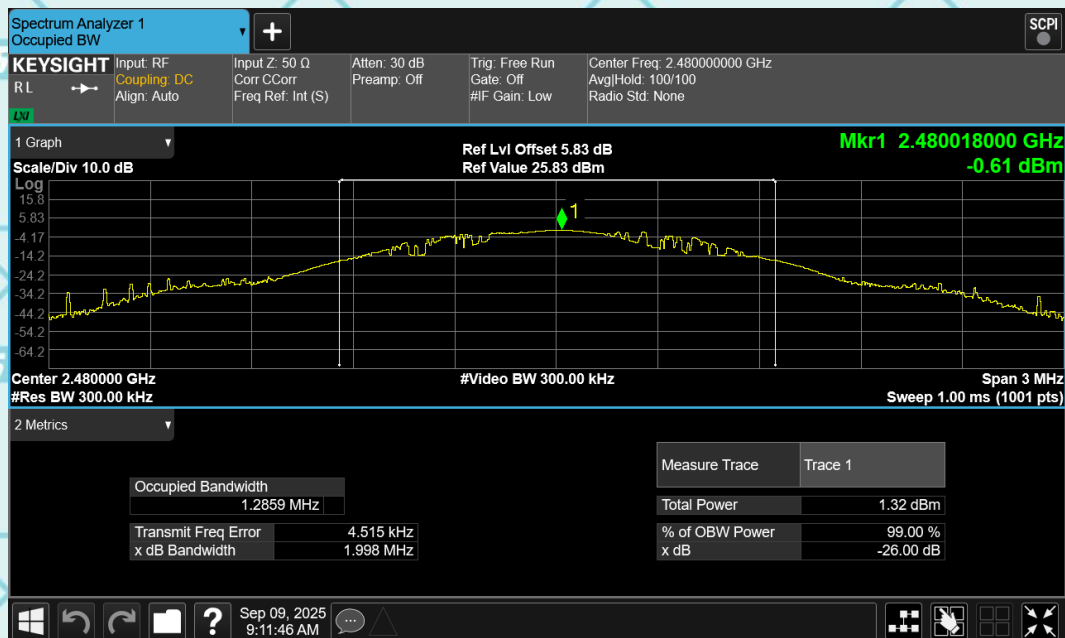
Low



Middle



High

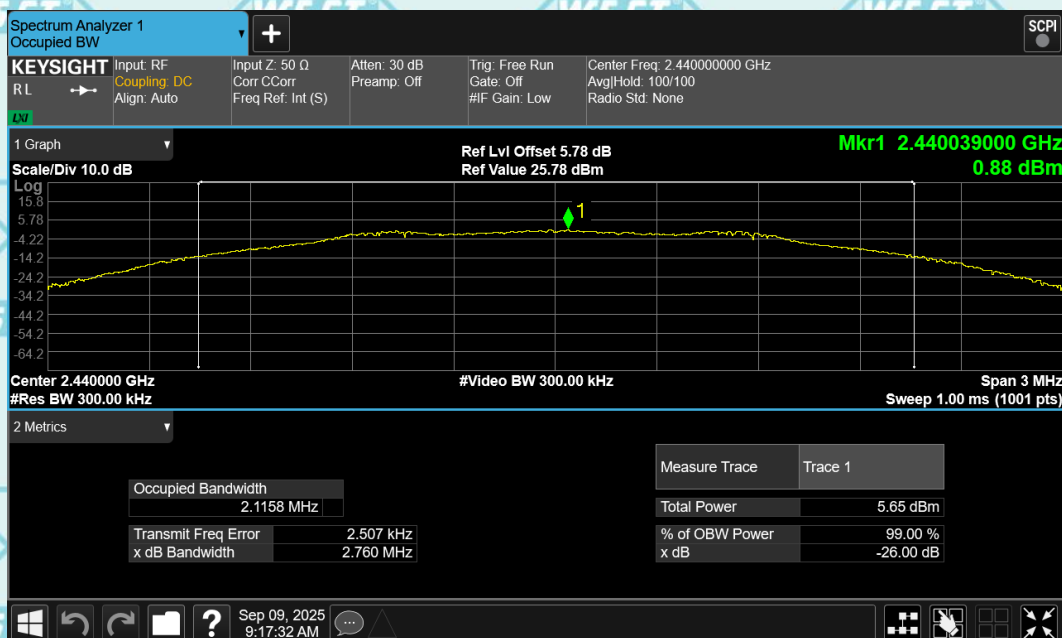


Low Voltage

Low



Middle



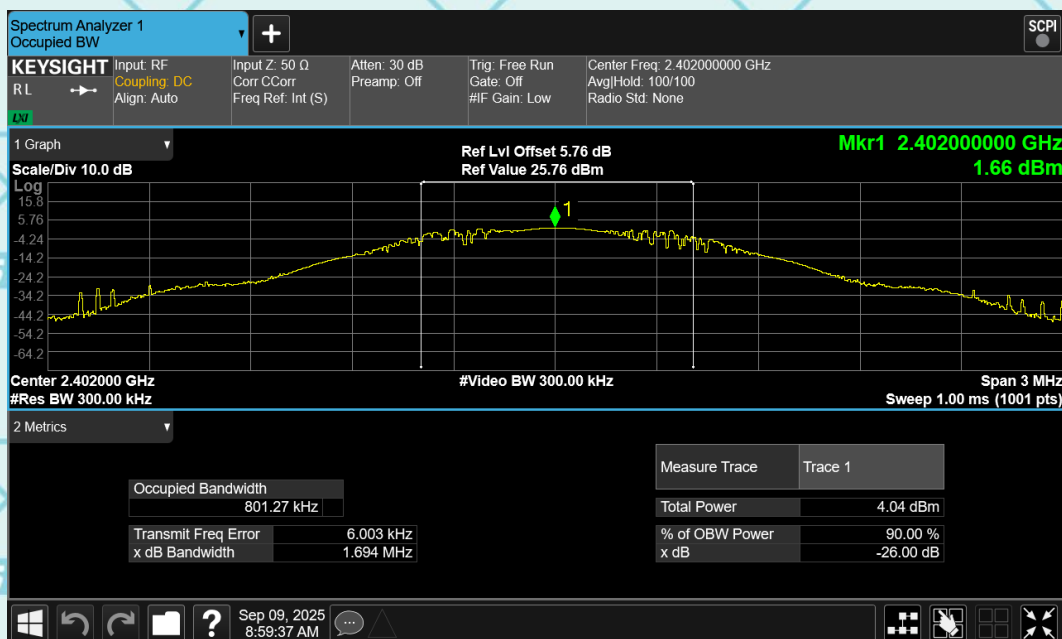
High



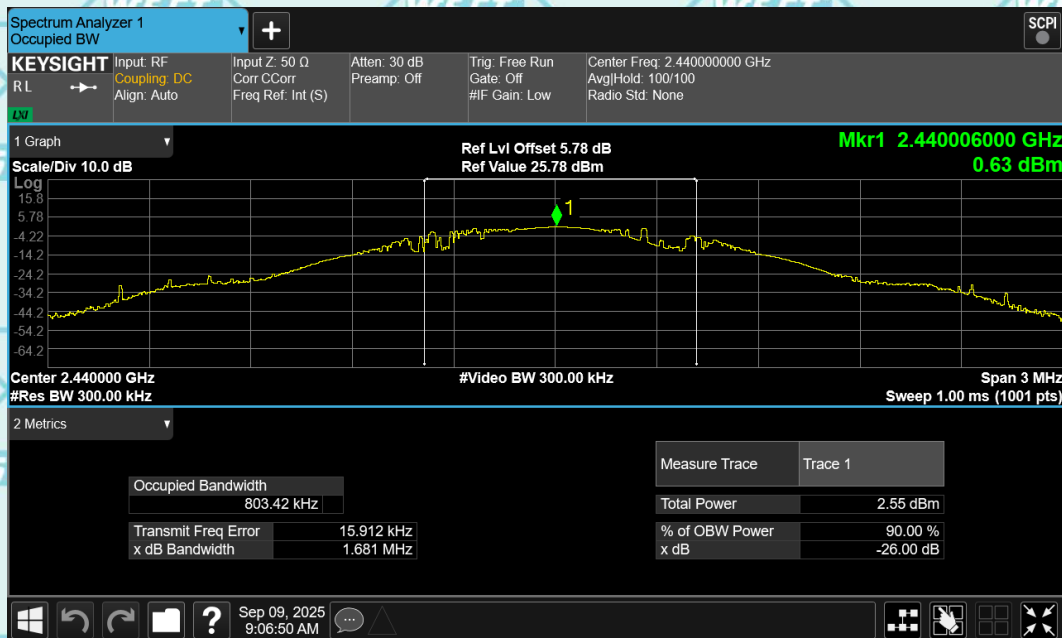
Spread Bandwidth

Normal Voltage

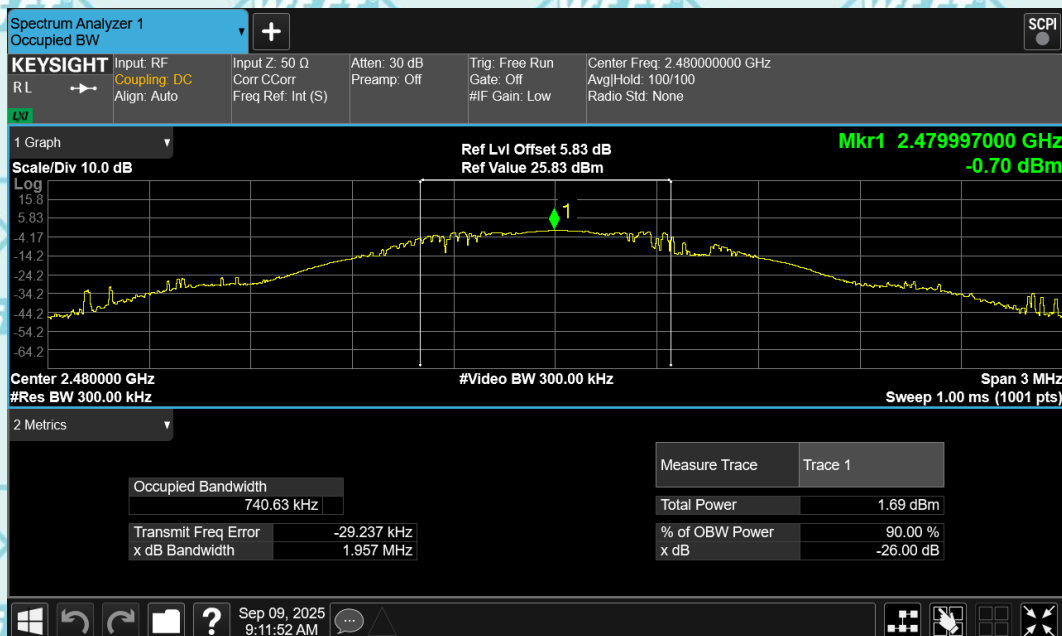
Low



Middle



High



Low Voltage

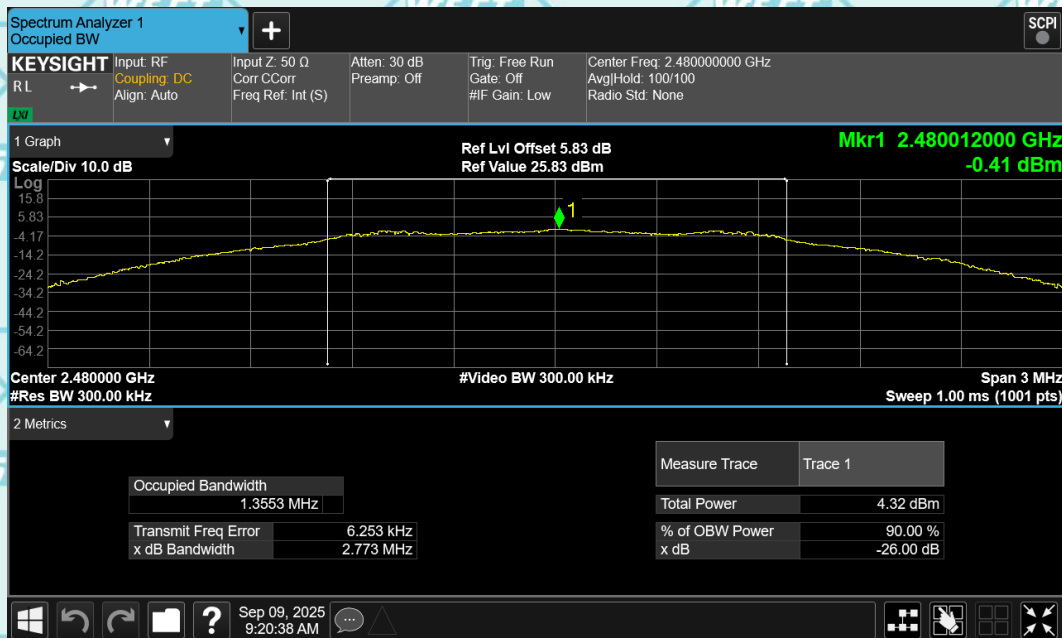
Low



Middle

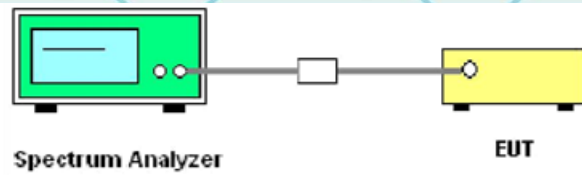


High



6.3. Secondary emission of radio wave

6.3.1. Test Specification

Test Requirement:	Article 2 paragraph 1 item (19)
Limits:	4 nW for below 1 GHz, 20 nW for above 1 GHz
Test Setup:	 The diagram illustrates the test setup. On the left is a green Spectrum Analyzer with a screen and two knobs. A cable connects it to a small white rectangular component, which is then connected to a yellow rectangular component labeled 'EUT' (Equipment Under Test).
Test Procedure:	- EUT have the continuous reception mode and fixed only one channelize. - Setting of SA is following as RB / VB: 100 kHz (below Test Procedure:1GHz emissions)/1MHz(above1GHz emissions) /Sweep time: Auto / Sweep Mode: Continuous sweep/ Detect mode: Positive peak / Trace mode: Max hold
Test Result:	PASS

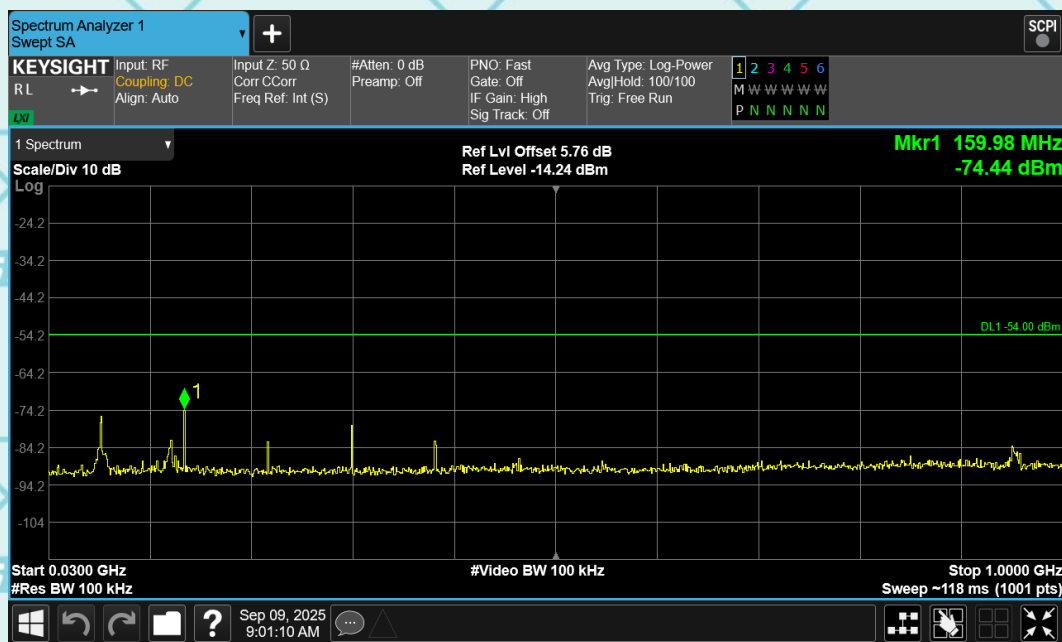
Scanning Bandwidth	:	30~ 1000MHz
		1000~ 12750MHz

The worst case:

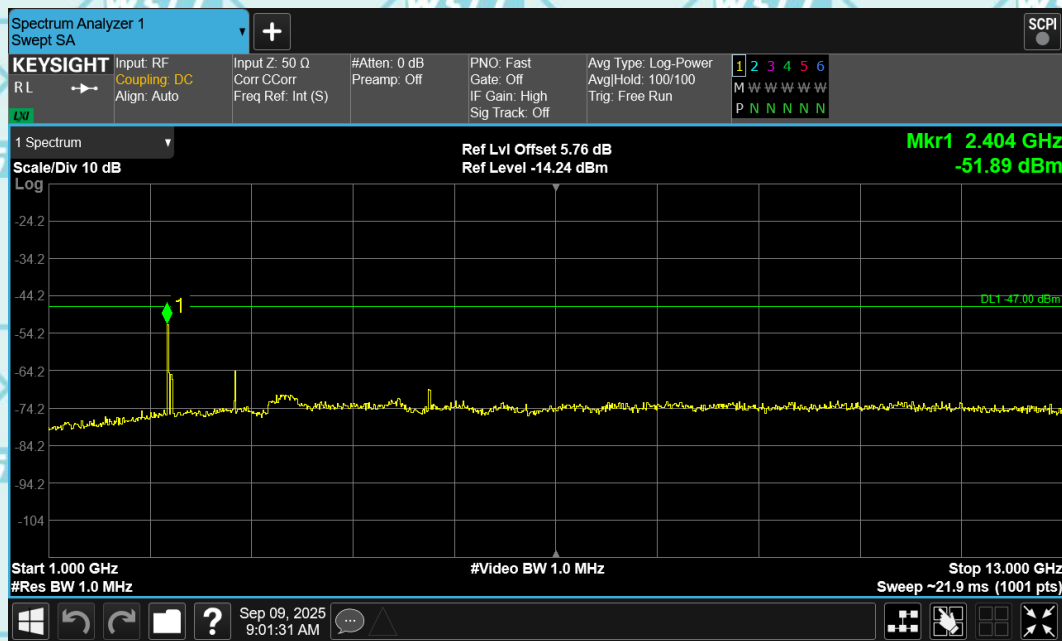
Condition	Mode	Frequency (MHz)	Range (MHz)	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	30-1000	-74.44	-54	Pass
NVNT	BLE 1M	2402	1000-13000	-51.89	-47	Pass
NVNT	BLE 1M	2440	30-1000	-74.3	-54	Pass
NVNT	BLE 1M	2440	1000-13000	-51.49	-47	Pass
NVNT	BLE 1M	2480	30-1000	-74.29	-54	Pass
NVNT	BLE 1M	2480	1000-13000	-47.2	-47	Pass
NVNT	BLE 2M	2402	30-1000	-74.34	-54	Pass
NVNT	BLE 2M	2402	1000-13000	-49.45	-47	Pass
NVNT	BLE 2M	2440	30-1000	-56.04	-54	Pass
NVNT	BLE 2M	2440	1000-13000	-48.1	-47	Pass
NVNT	BLE 2M	2480	30-1000	-58.67	-54	Pass
NVNT	BLE 2M	2480	1000-13000	-50.3	-47	Pass

Test Graphs

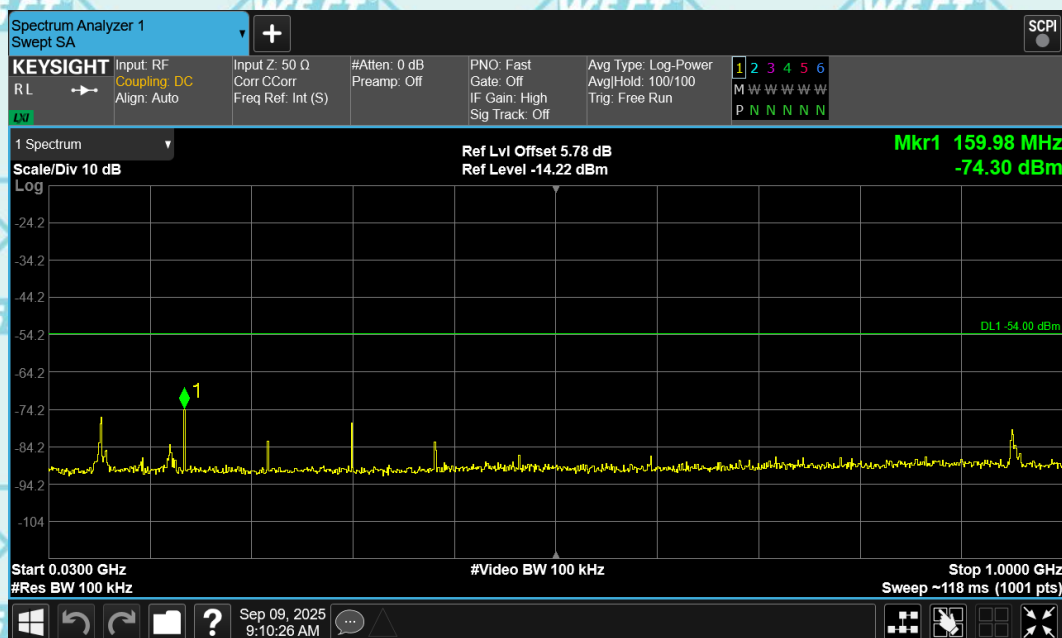
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-13000MHz



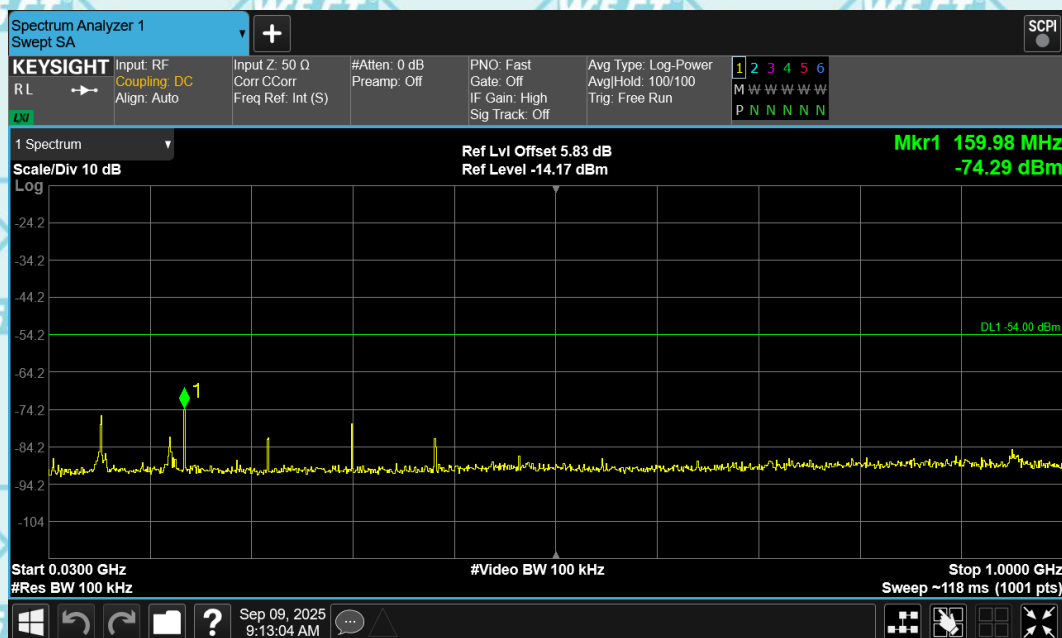
Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz



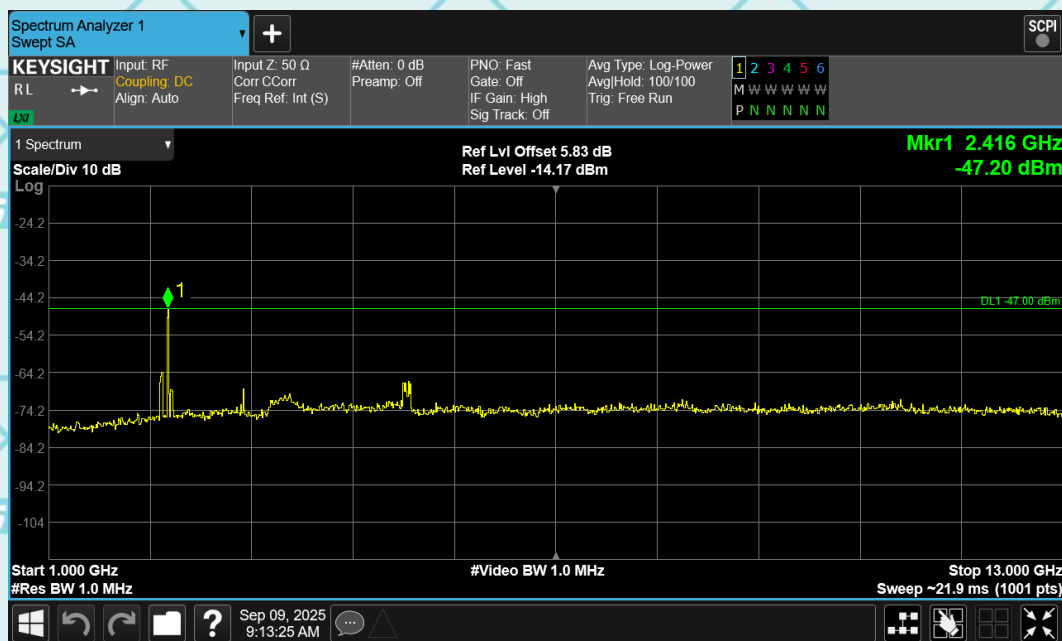
Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 1000MHz-13000MHz



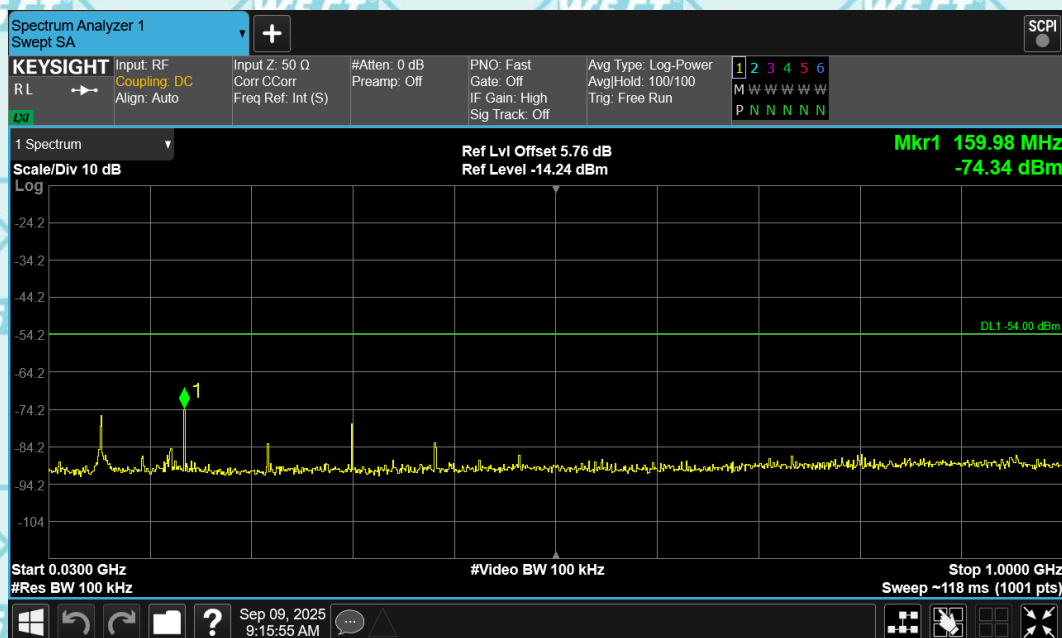
Rx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 30MHz-1000MHz



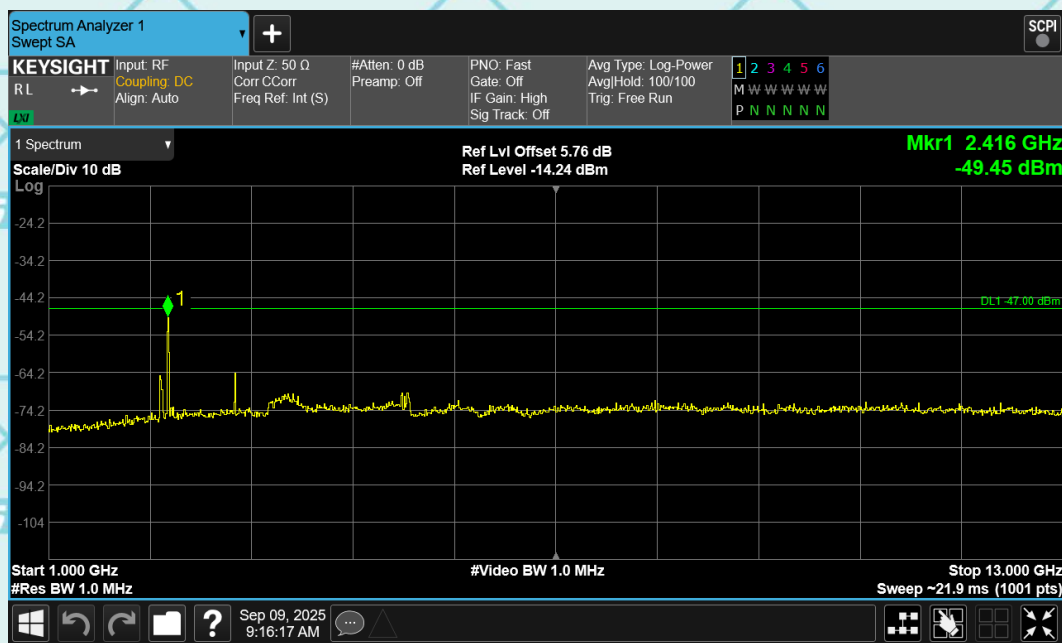
Rx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 1000MHz-13000MHz



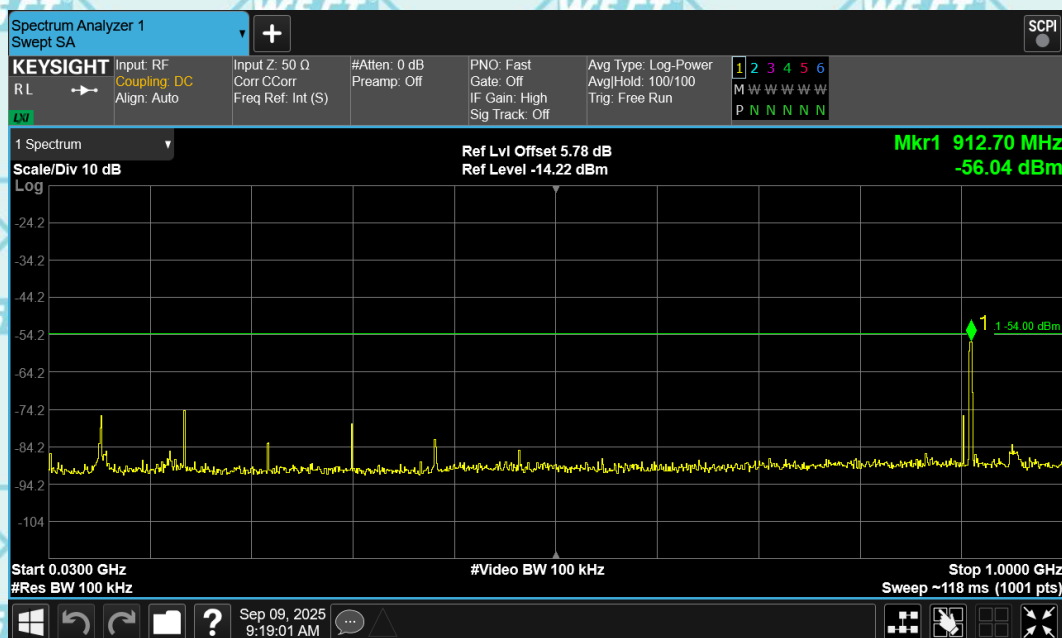
Rx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 1000MHz-13000MHz



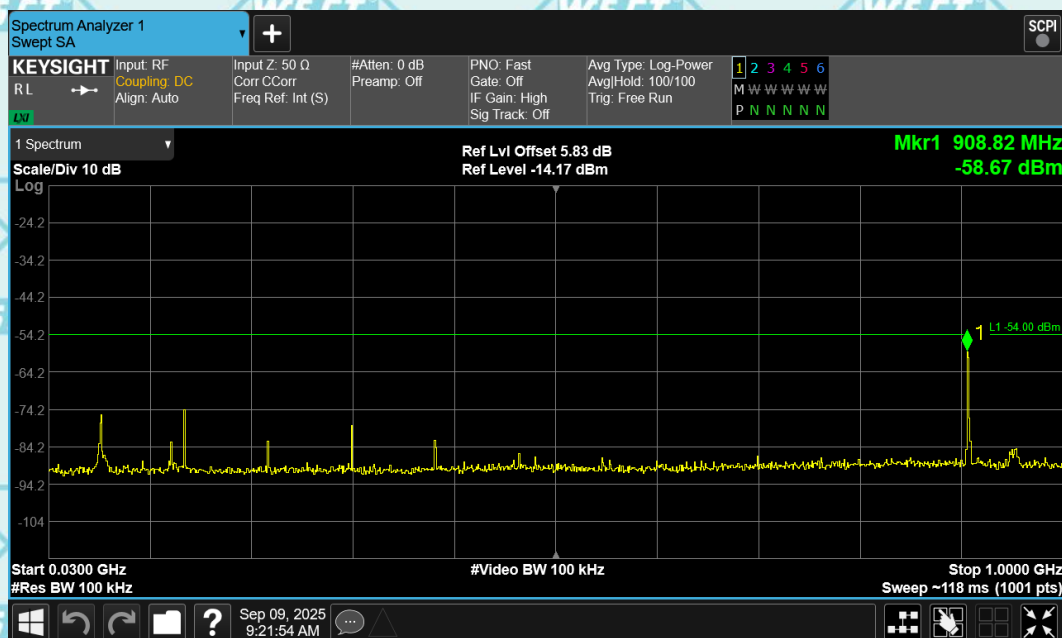
Rx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 1000MHz-13000MHz

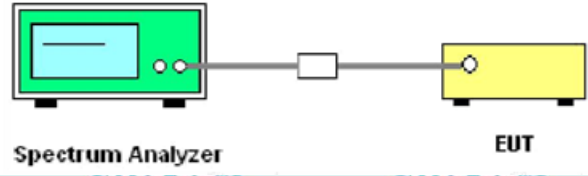


Note : The frequency corresponding to point 1 is the transmitting frequency



6.4. Antenna power and deviation

6.4.1. Test Specification

Test Requirement:	Article 2 paragraph 1 item (19)
Test Setup:	 Spectrum Analyzer EUT
Test Procedure:	1. Connect the UUT to the spectrum analyzer and use the following settings: Centre Frequency: The centre frequency of the channel under test. RBW: 1MHz/VBW: 1MHz/ Span: Wide enough to cover the complete power envelope of the signal of the EUT. / Detector: Peak. / Trace Mode: Max Hold. 2. When the trace is complete, find the peak value of the power envelope and record the frequency. 3. Calculated the Maximum deviation and recorded the results. $\text{Deviation} = (\text{Antenna Power} - \text{Rated Output Power}) / \text{Rated Output Power} * 100\%$
Test Result:	PASS

Limit

Modulation system	Frequency band used	Antenna power (max.)	EIRP(max)	
			Omni-directional case	Directional case
DS-SS OFDM(Narrow-Band)	2,400-2,4835MHz	10mW/MHz	12.14dBm/MHz (16.367mW/MHz)	22.14dBm/MHz (163.682mW/MHz)
OFDM(Wide-Band)	2,400-2,4835MHz	5mW/MHz	9.13dBm/MHz (8.185mW/MHz)	19.13dBm/MHz (81.846mW/MHz)
DSSS	2,400-2,4835MHz	10mW	12.14dBm (16.367mW)	22.14dBm (163.682mW)

Antenna Power Error Limit (%)
+20%~-80%



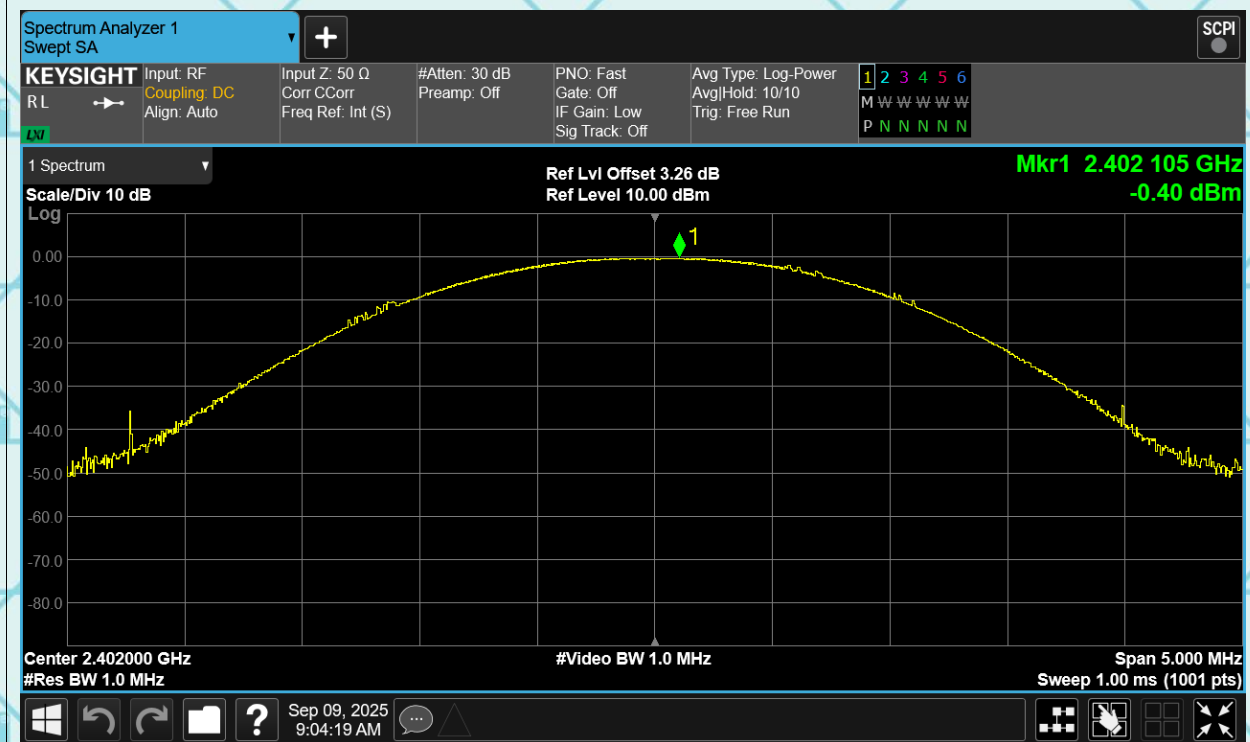
Test Data

Condition	Mode	Frequency (MHz)	Power (dBm)	Antenna Power (mW)	Limit (Mw)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	-1.08	0.78	10	1	-22	20	Pass
NVNT	BLE 1M	2440	-2.45	0.57	10	1	-43	20	Pass
NVNT	BLE 1M	2480	-3.74	0.42	10	1	-58	20	Pass
NVNT	BLE 2M	2402	-2.29	0.59	10	1	-41	20	Pass
NVNT	BLE 2M	2440	-3.44	0.45	10	1	-55	20	Pass
NVNT	BLE 2M	2480	-4.9	0.32	10	1	-68	20	Pass

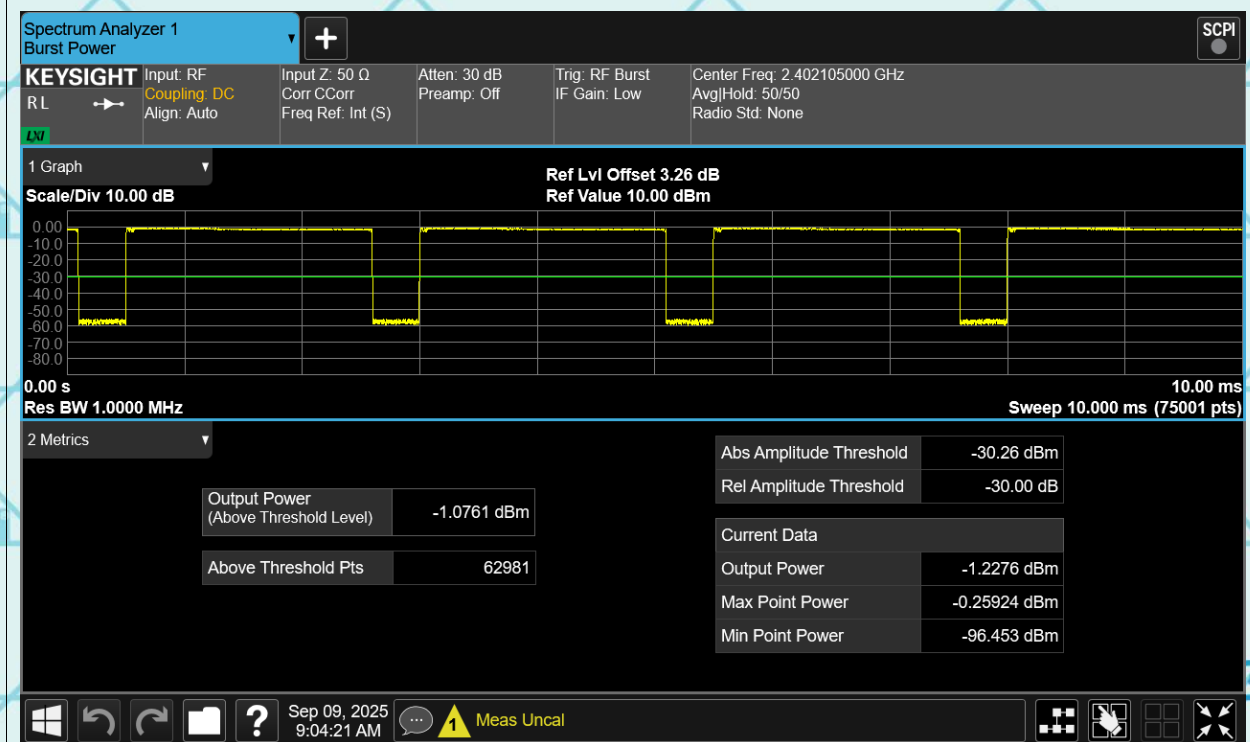
Condition	Mode	Frequency (MHz)	Power (dBm)	EIRP(dBm)	Limit(dBm)	Verdict
NVNT	BLE 1M	2402	-1.08	0.75	≤12.14	Pass
NVNT	BLE 1M	2440	-2.45	-0.62	≤12.14	Pass
NVNT	BLE 1M	2480	-3.74	-1.91	≤12.14	Pass
NVNT	BLE 2M	2402	-2.29	-0.46	≤12.14	Pass
NVNT	BLE 2M	2440	-3.44	-1.61	≤12.14	Pass
NVNT	BLE 2M	2480	-4.9	-3.07	≤12.14	Pass

Test Graphs

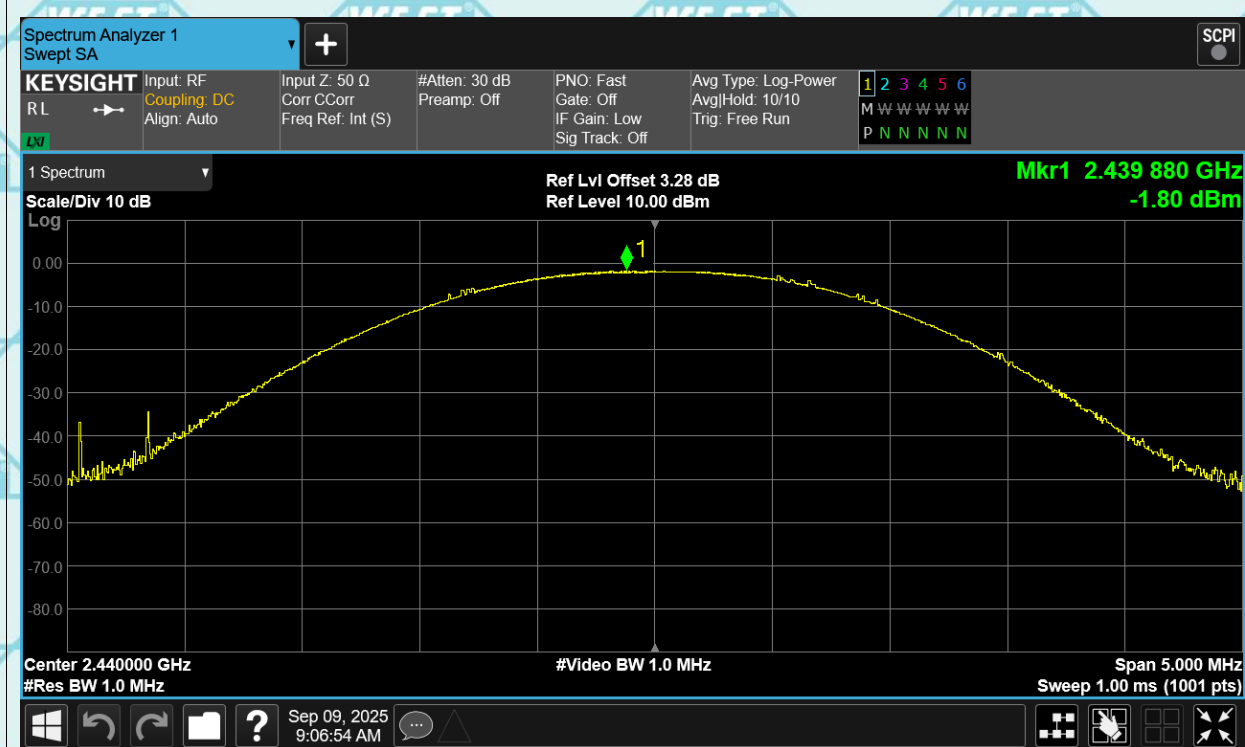
Power NVNT BLE 1M 2402MHz Ant1 Pre Scan



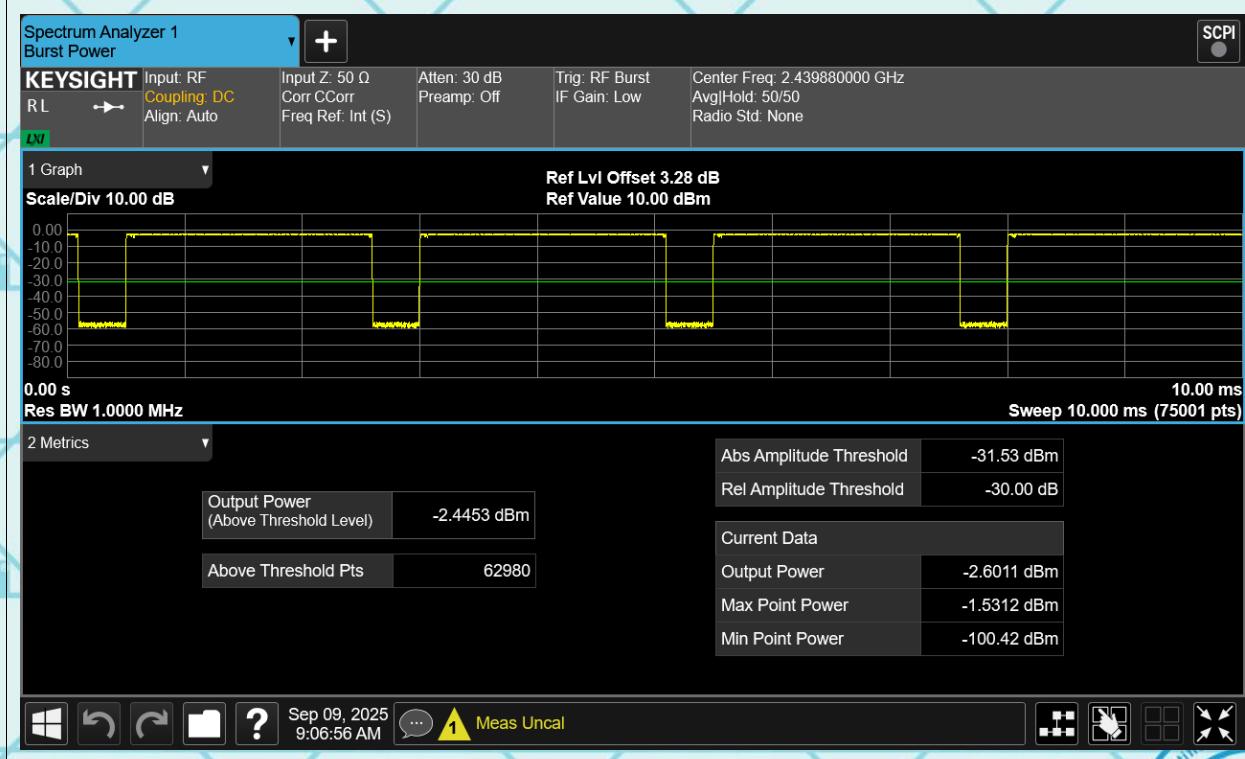
Power NVNT BLE 1M 2402MHz Ant1 Zero Span



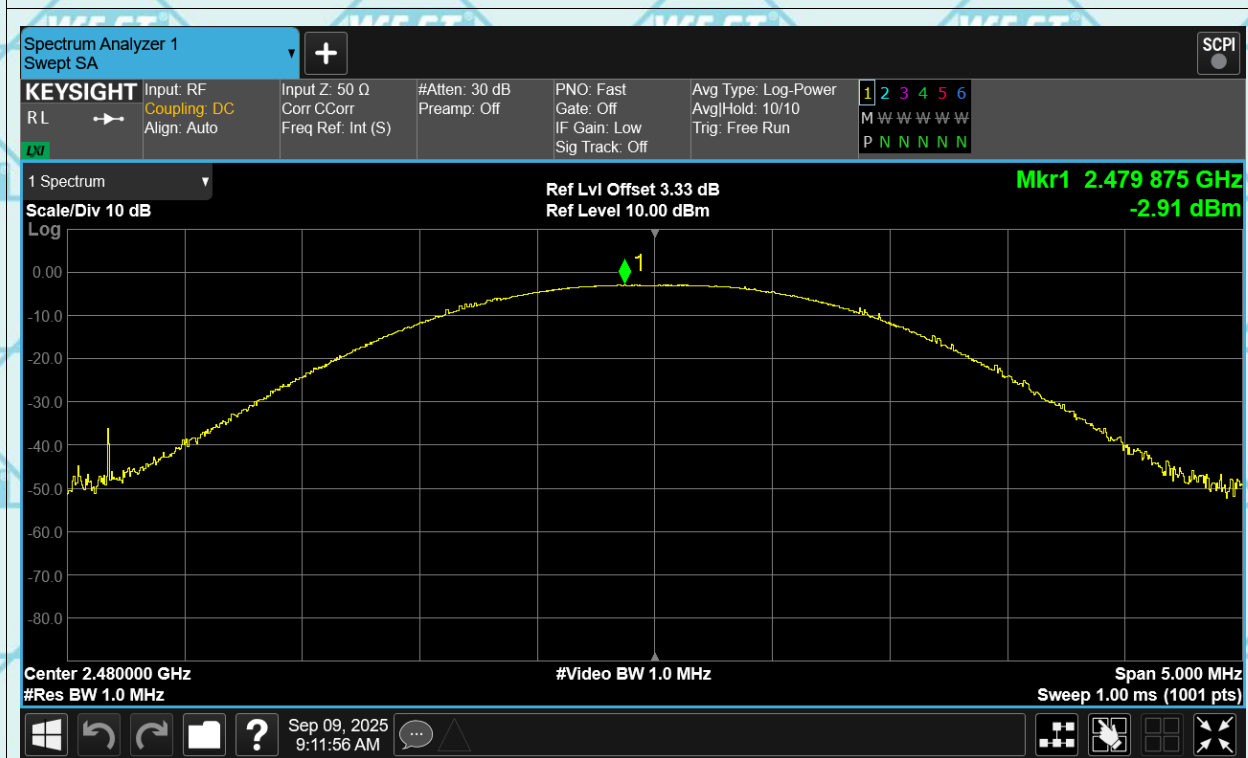
Power NVNT BLE 1M 2440MHz Ant1 Pre Scan



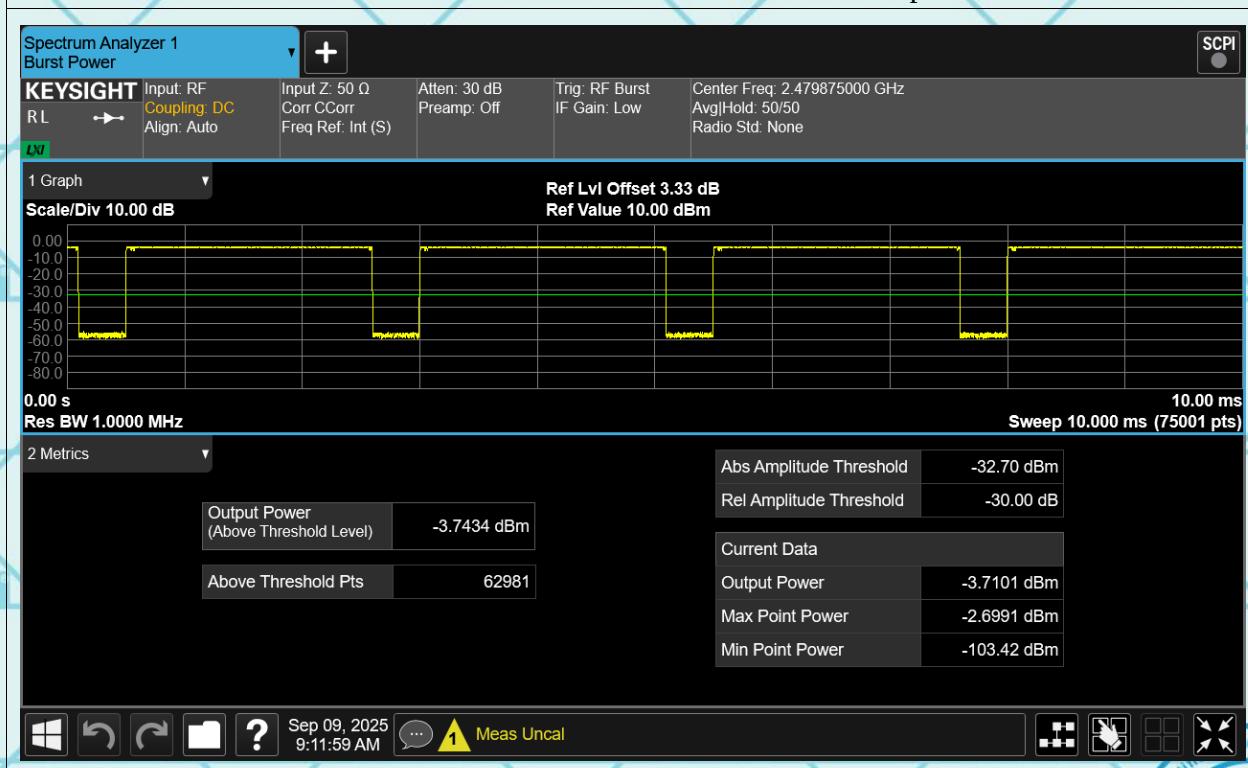
Power NVNT BLE 1M 2440MHz Ant1 Zero Span



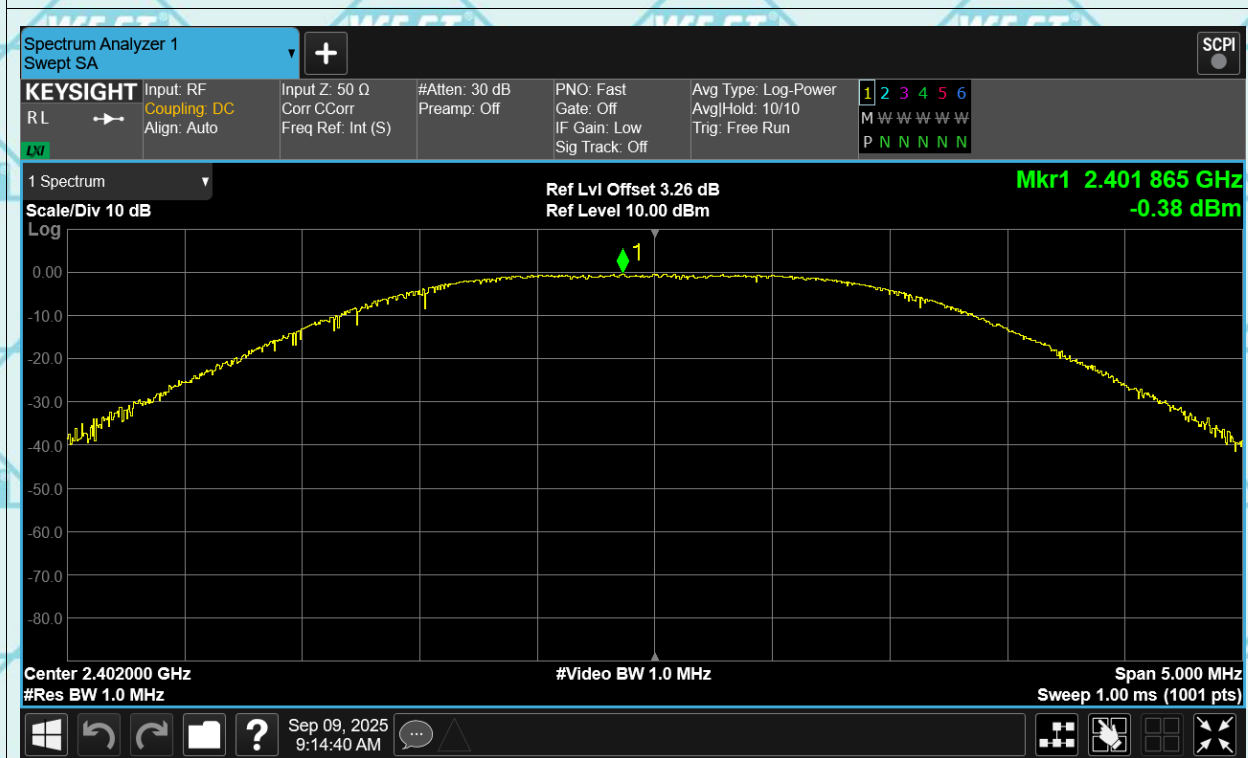
Power NVNT BLE 1M 2480MHz Ant1 Pre Scan



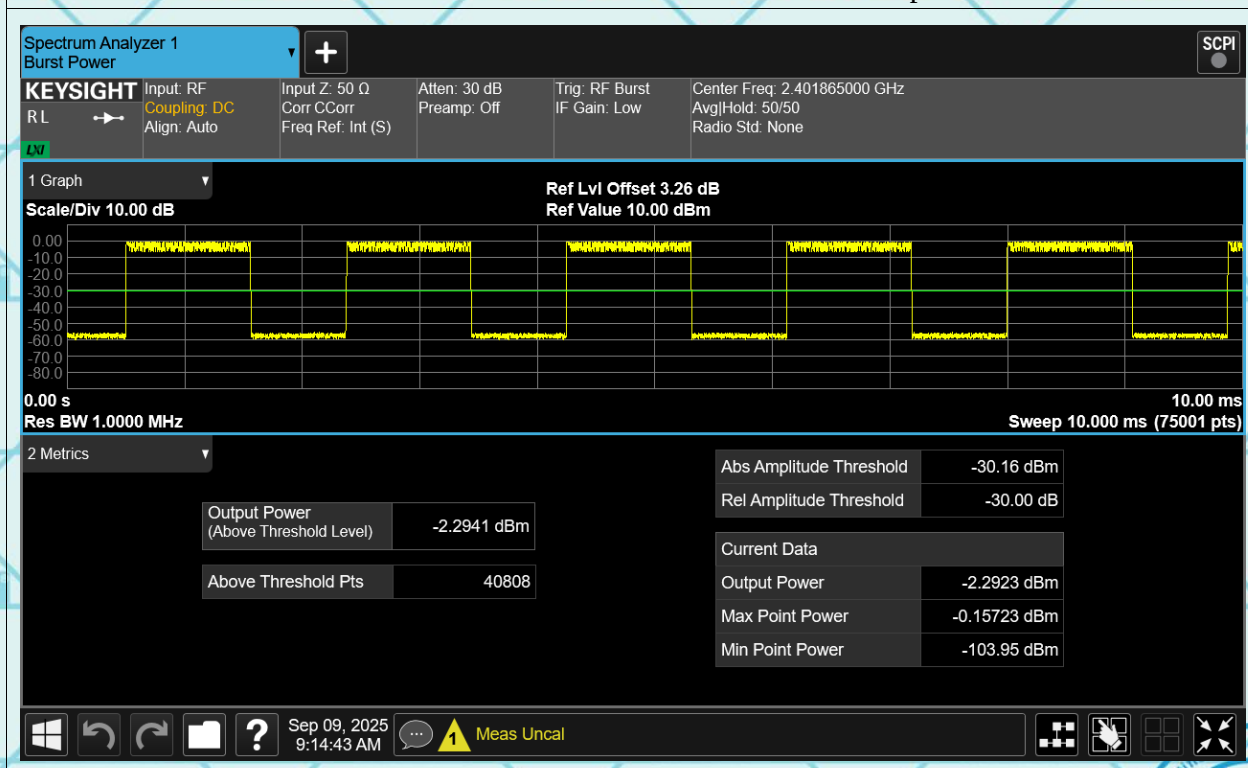
Power NVNT BLE 1M 2480MHz Ant1 Zero Span



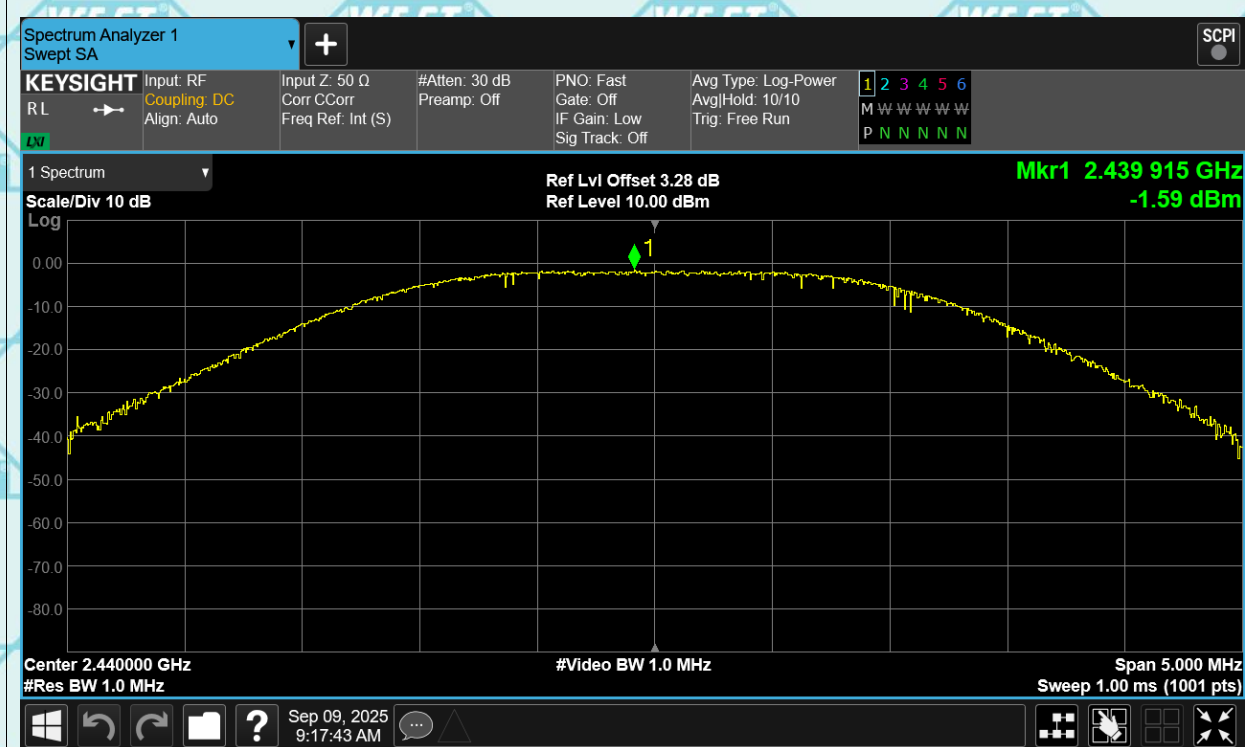
Power NVNT BLE 2M 2402MHz Ant1 Pre Scan



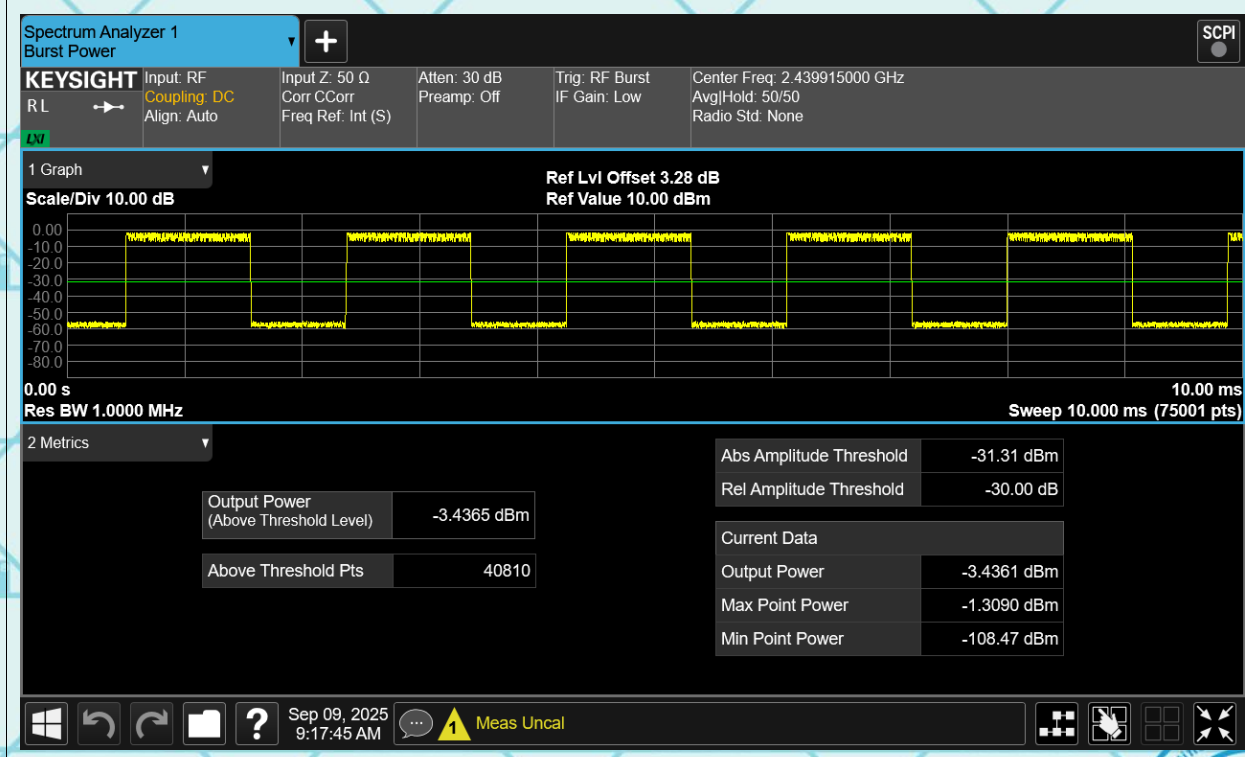
Power NVNT BLE 2M 2402MHz Ant1 Zero Span



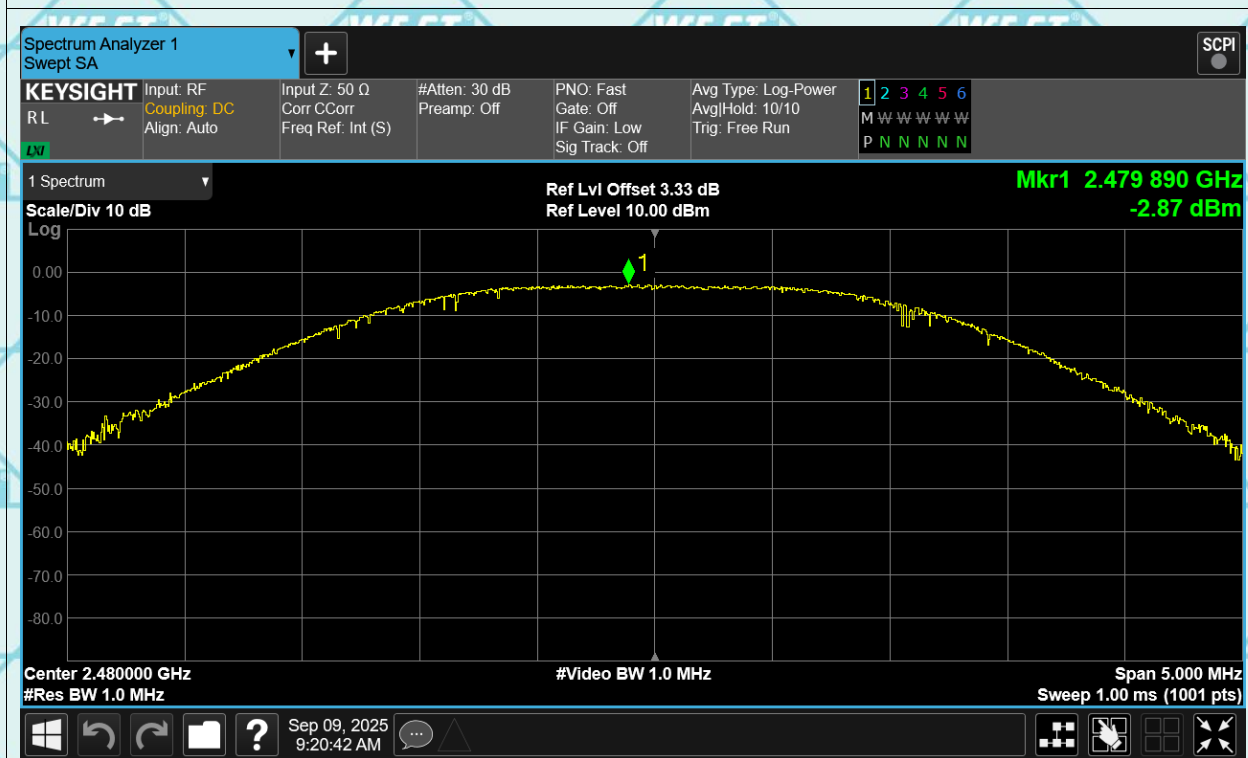
Power NVNT BLE 2M 2440MHz Ant1 Pre Scan



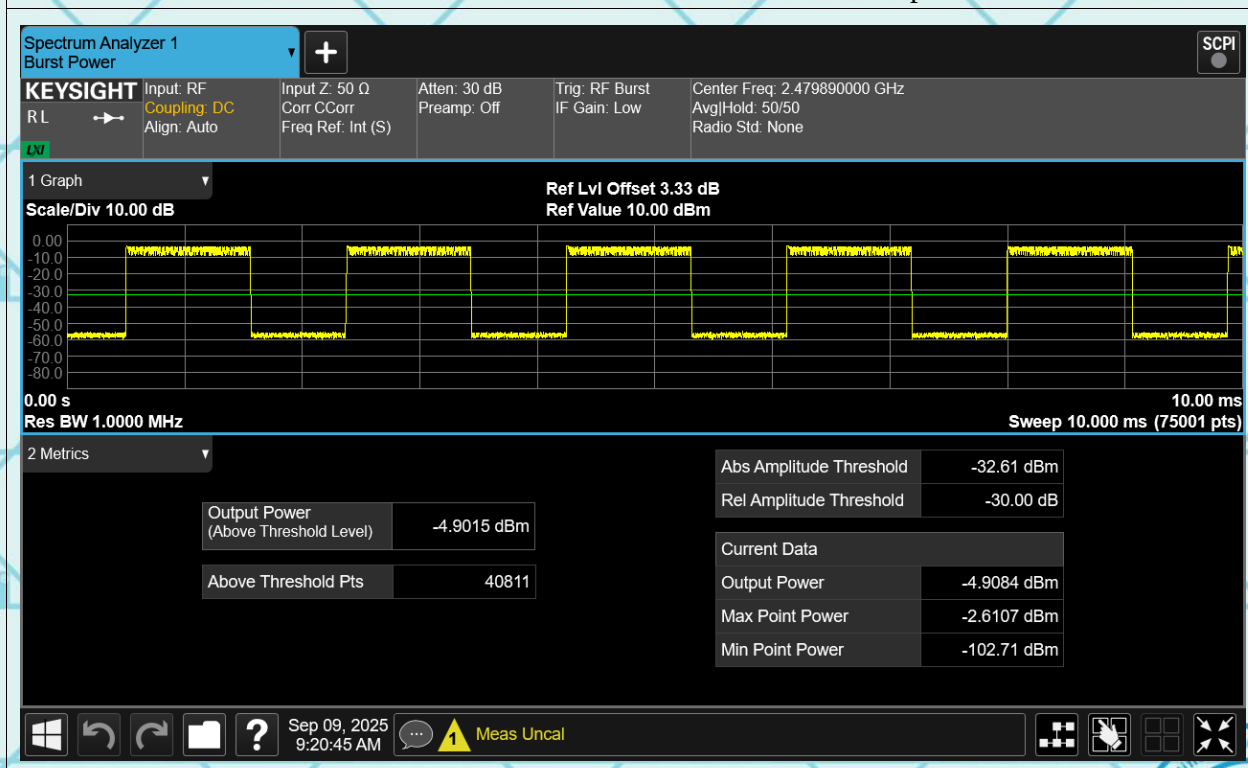
Power NVNT BLE 2M 2440MHz Ant1 Zero Span



Power NVNT BLE 2M 2480MHz Ant1 Pre Scan

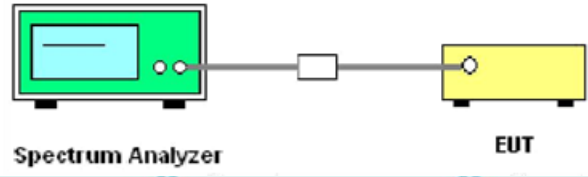


Power NVNT BLE 2M 2480MHz Ant1 Zero Span



6.5. Spurious Radiation Or Extraneous Emission Strength

6.5.1. Test Specification

Test Requirement:	Article 2 paragraph 1 item (19)
Limits:	30MHz~1000MHz: 0.25μW (-26dBm); 1000MHz~2387MHz: 2.5μW/MHz (-26dBm); 2387MHz~ 2400MHz: 25μW/MHz (-16dBm); 2483.5 MHz~ 2496.5MHz : 25μW/MHz (-16dBm); 2496.5MHz~12.75 GHz : 2.5μW/MHz (-26dBm);
Test Setup:	 The diagram illustrates the test setup. On the left is a green box labeled 'Spectrum Analyzer'. A cable connects it to a yellow box on the right labeled 'EUT'. A small white box is located on the cable between the two devices.
Test Procedure:	1. EUT have transmitted the maximum modulation signal and fixed channelize. 2. Setting of SA is following as RB / VB: 100 kHz (below Test Procedure:1GHz emissions)/1MHz(above1GHz emissions) Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak/ Trace mode: Test Procedure: Max hold. EUT have transmitted the maximum modulation signal and fixed channel (For DSSS or OFD Device) or continuous maximum power of hopping mode (For FHSS Device)
Test Result:	PASS

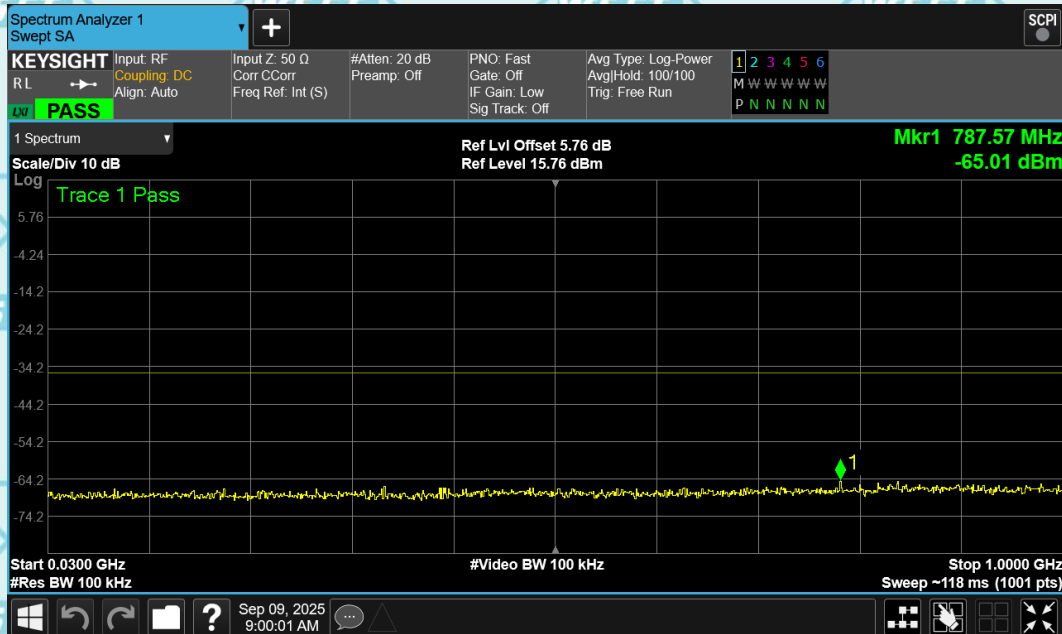
The worst case

Condition	Mode	Frequency (MHz)	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Limit Start(dBm)	Limit Stop (dBm)	Verdict
NVNT	BLE 1M	2402	30-1000	787.57	-55.01	-36	-36	Pass
NVNT	BLE 1M	2402	1000-2387	2321.81	-53.38	-26	-26	Pass
NVNT	BLE 1M	2402	2387-2400	2399.56	-33.87	-16	-16	Pass
NVNT	BLE 1M	2402	2483.5-2496.5	2492.2	-52.86	-16	-16	Pass
NVNT	BLE 1M	2402	2496.5-13000	3746.42	-49.94	-26	-26	Pass
NVNT	BLE 1M	2440	30-1000	909.79	-55.11	-36	-36	Pass
NVNT	BLE 1M	2440	1000-2387	2373.13	-53.67	-26	-26	Pass
NVNT	BLE 1M	2440	2387-2400	2399.88	-49.61	-16	-16	Pass
NVNT	BLE 1M	2440	2483.5-2496.5	2494.78	-52.99	-16	-16	Pass
NVNT	BLE 1M	2440	2496.5-13000	3809.44	-48.81	-26	-26	Pass
NVNT	BLE 1M	2480	30-1000	929.19	-54.56	-36	-36	Pass
NVNT	BLE 1M	2480	1000-2387	2370.36	-53.04	-26	-26	Pass
NVNT	BLE 1M	2480	2387-2400	2399.91	-49.47	-16	-16	Pass
NVNT	BLE 1M	2480	2483.5-2496.5	2483.82	-46.42	-16	-16	Pass
NVNT	BLE 1M	2480	2496.5-13000	3725.41	-48.22	-26	-26	Pass
NVNT	BLE 2M	2402	30-1000	781.75	-55.16	-36	-36	Pass
NVNT	BLE 2M	2402	1000-2387	2353.71	-52.55	-26	-26	Pass
NVNT	BLE 2M	2402	2387-2400	2400	-22.76	-16	-16	Pass
NVNT	BLE 2M	2402	2483.5-2496.5	2491.63	-51.8	-16	-16	Pass
NVNT	BLE 2M	2402	2496.5-13000	3704.4	-49.74	-26	-26	Pass
NVNT	BLE 2M	2440	30-1000	914.64	-53.8	-36	-36	Pass
NVNT	BLE 2M	2440	1000-2387	2356.49	-52.45	-26	-26	Pass
NVNT	BLE 2M	2440	2387-2400	2399.96	-49.58	-16	-16	Pass
NVNT	BLE 2M	2440	2483.5-2496.5	2489.55	-52.61	-16	-16	Pass
NVNT	BLE 2M	2440	2496.5-13000	3798.93	-49.13	-26	-26	Pass
NVNT	BLE 2M	2480	30-1000	942.77	-54.55	-36	-36	Pass
NVNT	BLE 2M	2480	1000-2387	2375.9	-52.08	-26	-26	Pass
NVNT	BLE 2M	2480	2387-2400	2399.95	-49.04	-16	-16	Pass
NVNT	BLE 2M	2480	2483.5-2496.5	2485.2	-47.14	-16	-16	Pass
NVNT	BLE 2M	2480	2496.5-13000	3798.93	-48.41	-26	-26	Pass

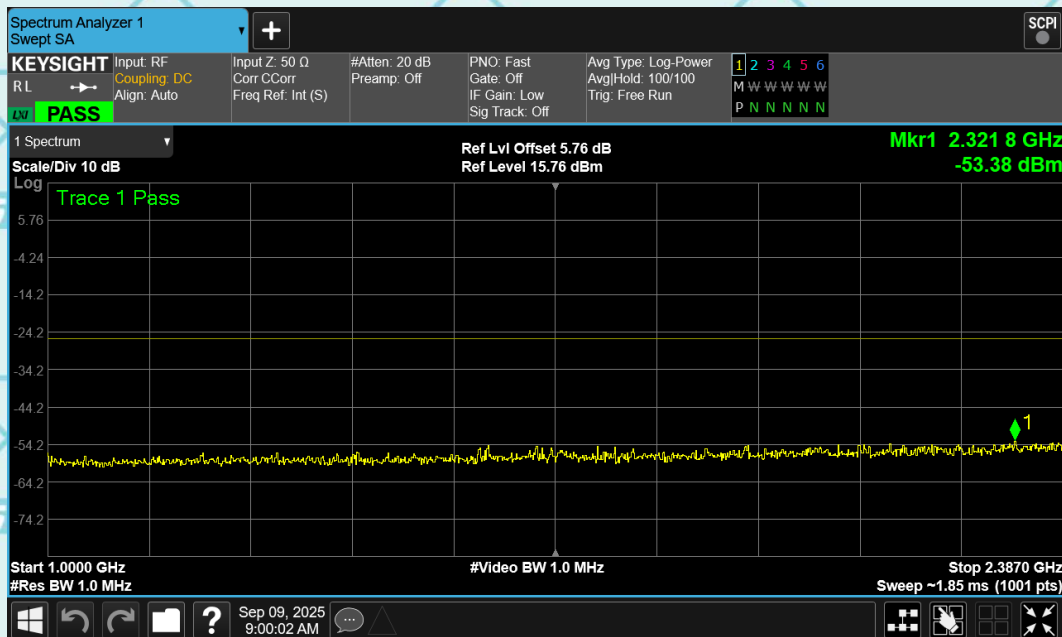


Low Channel:

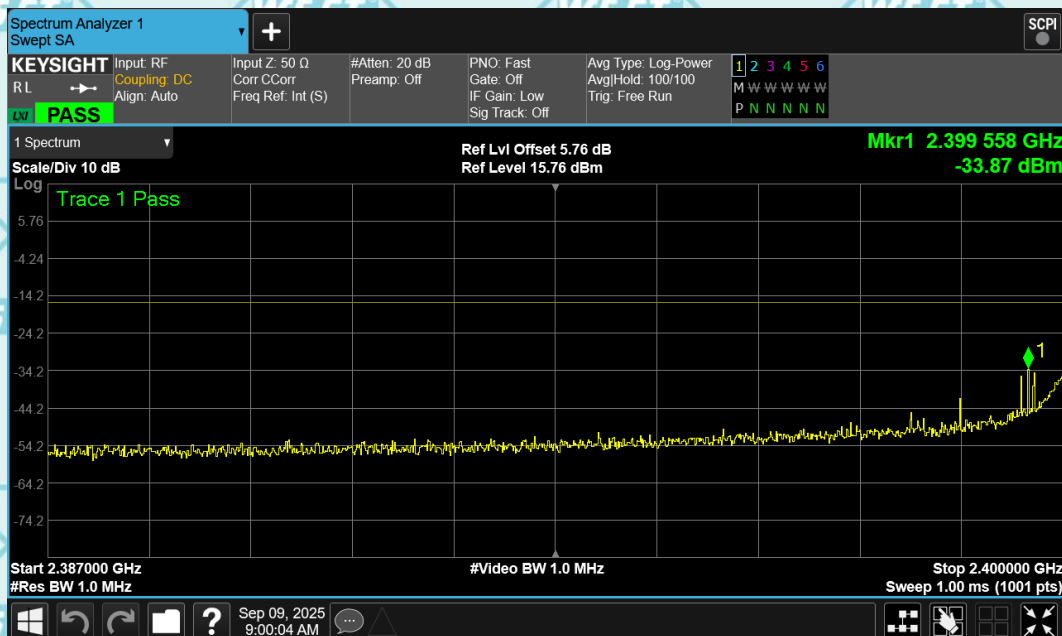
30MHz-1G



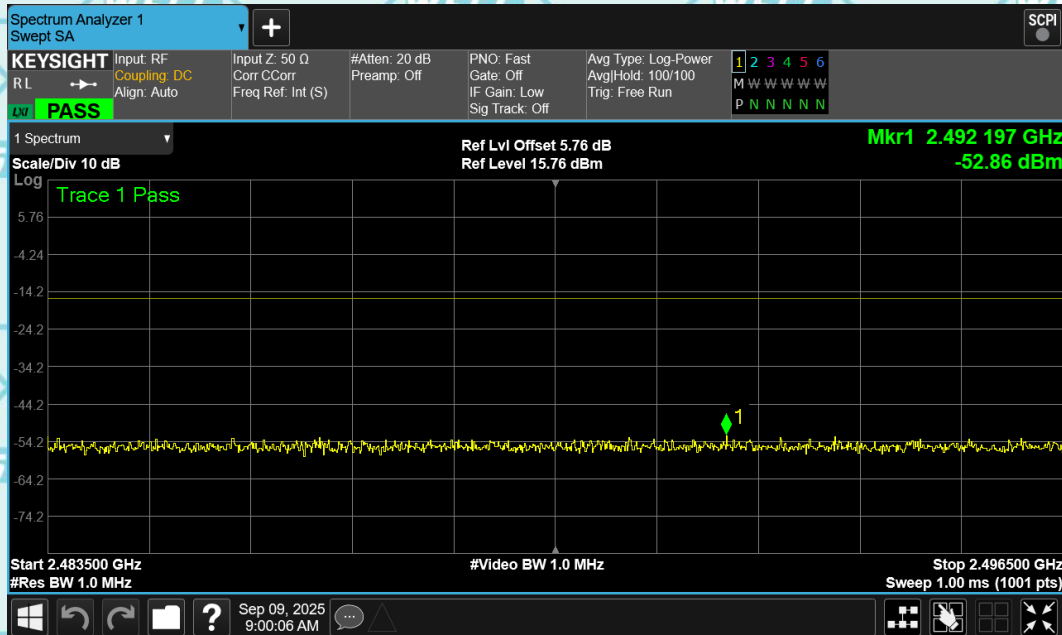
1G-2.387GHz



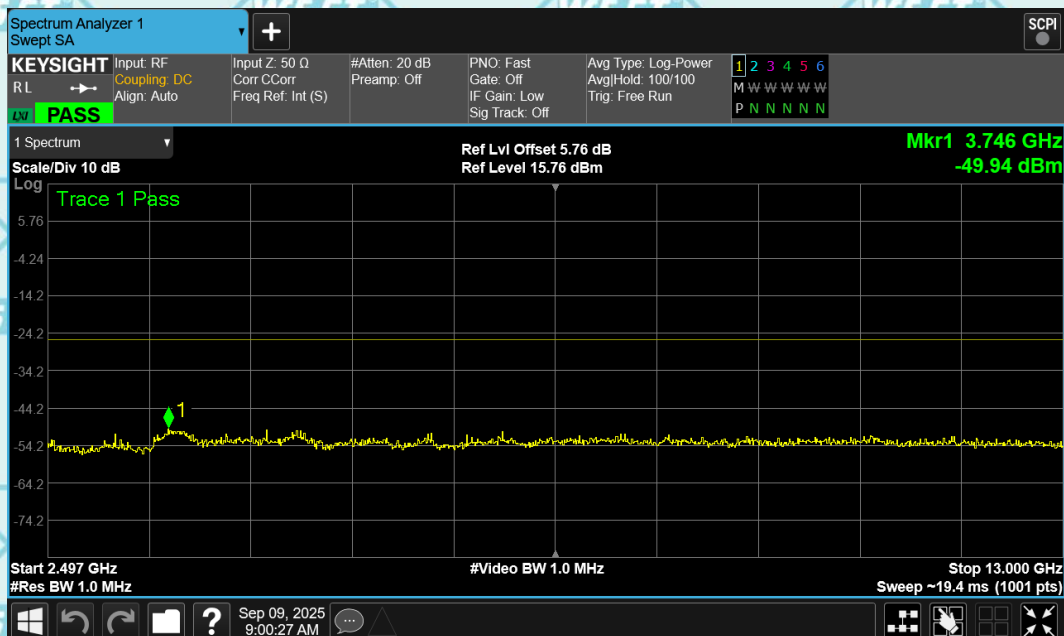
2.387G -2.4GHz



2.4835GHz-2.4965GHz

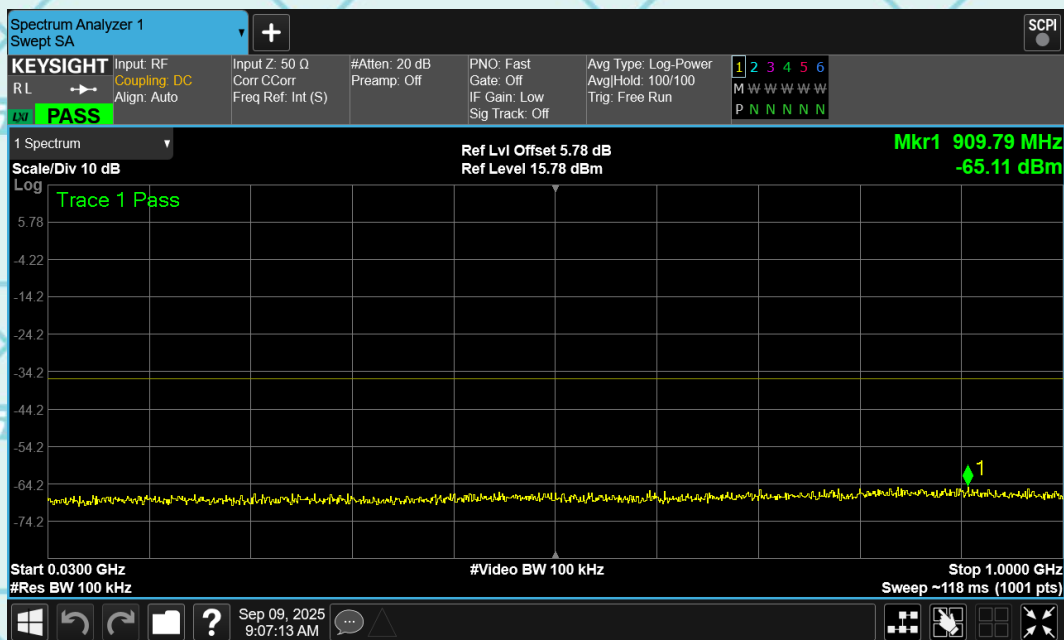


2.4965GHz-12.75GHz

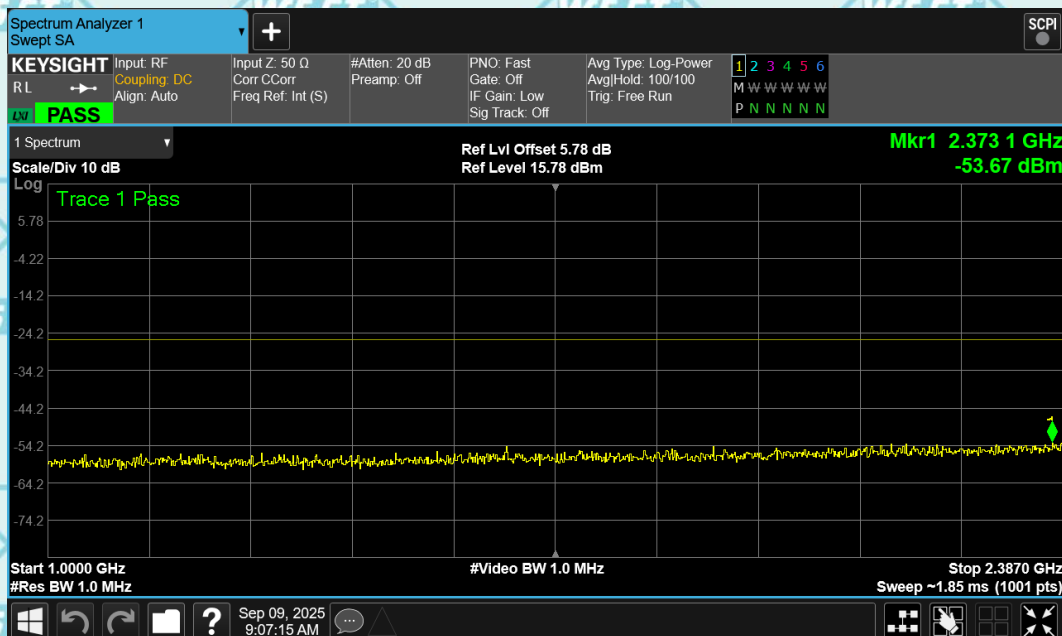


Middle Channel

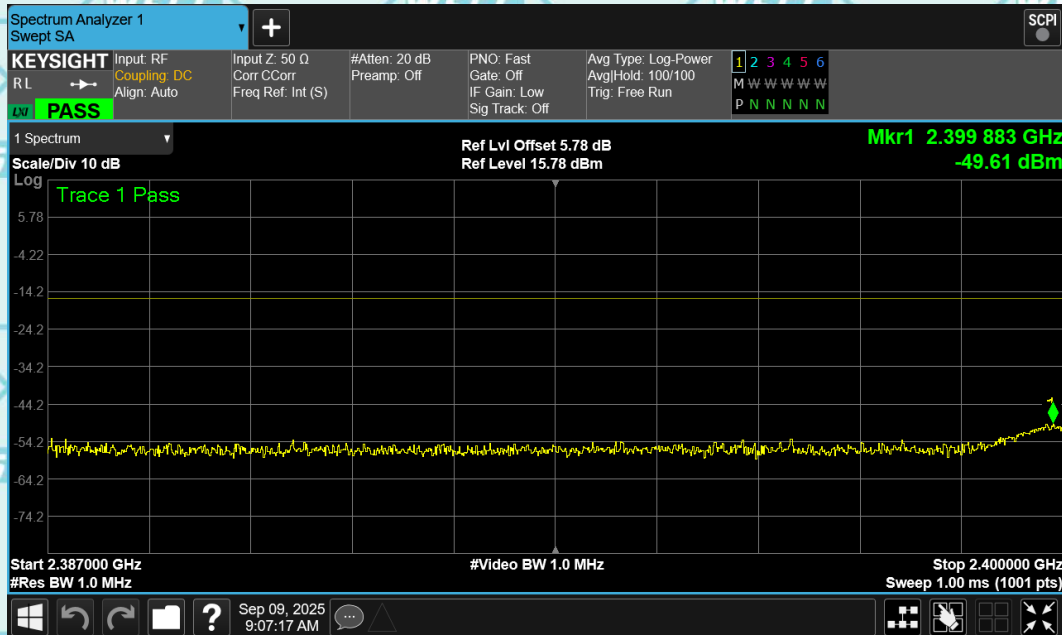
30MHz-1G



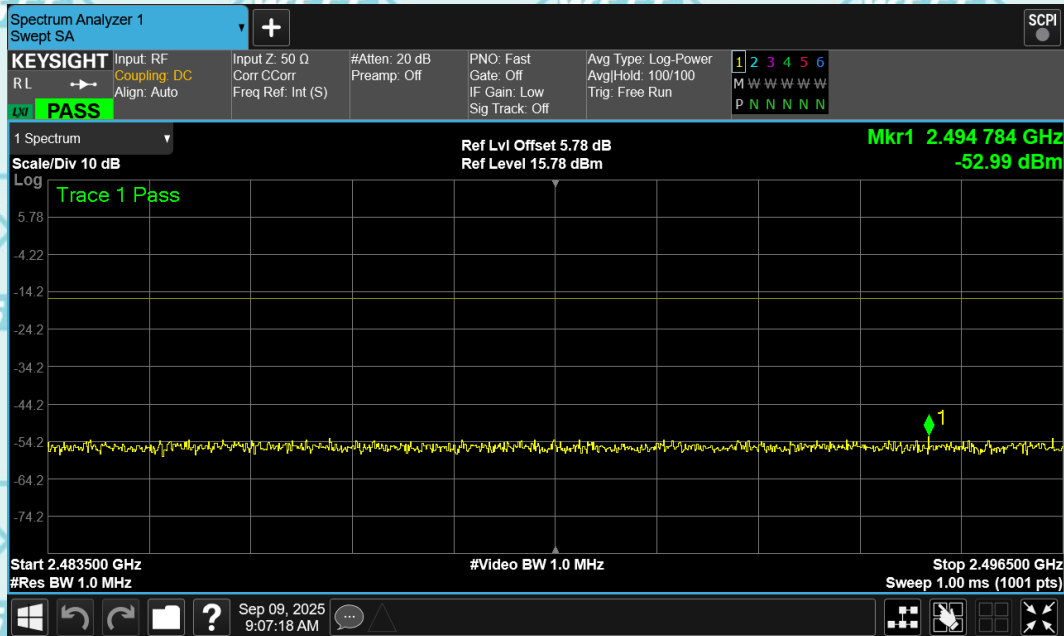
1G-2.387GHz



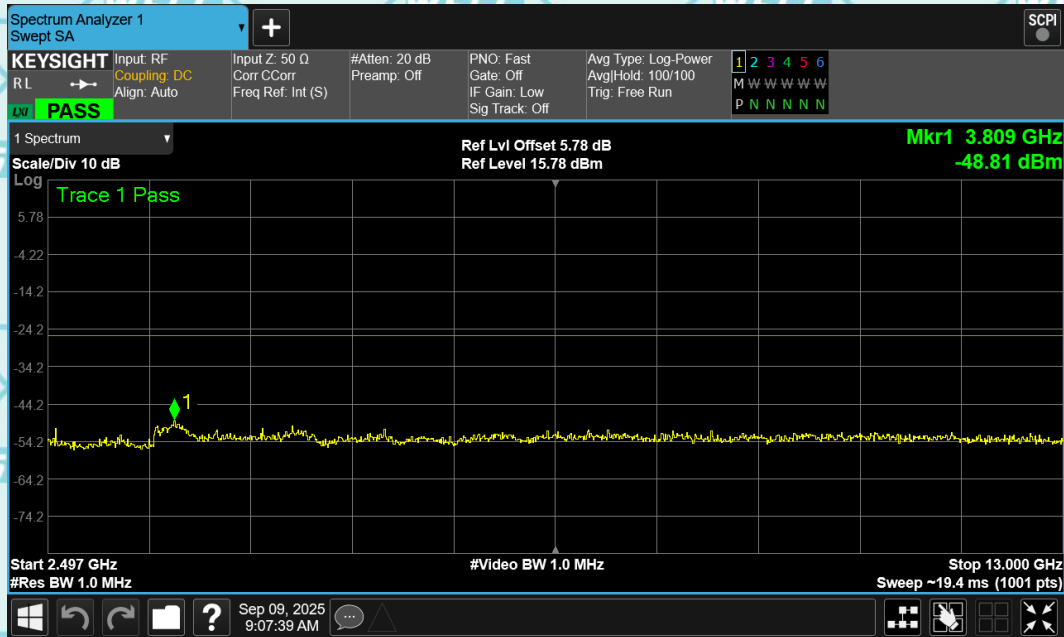
2.387G -2.4GHz



2.4835GHz-2.4965GHz

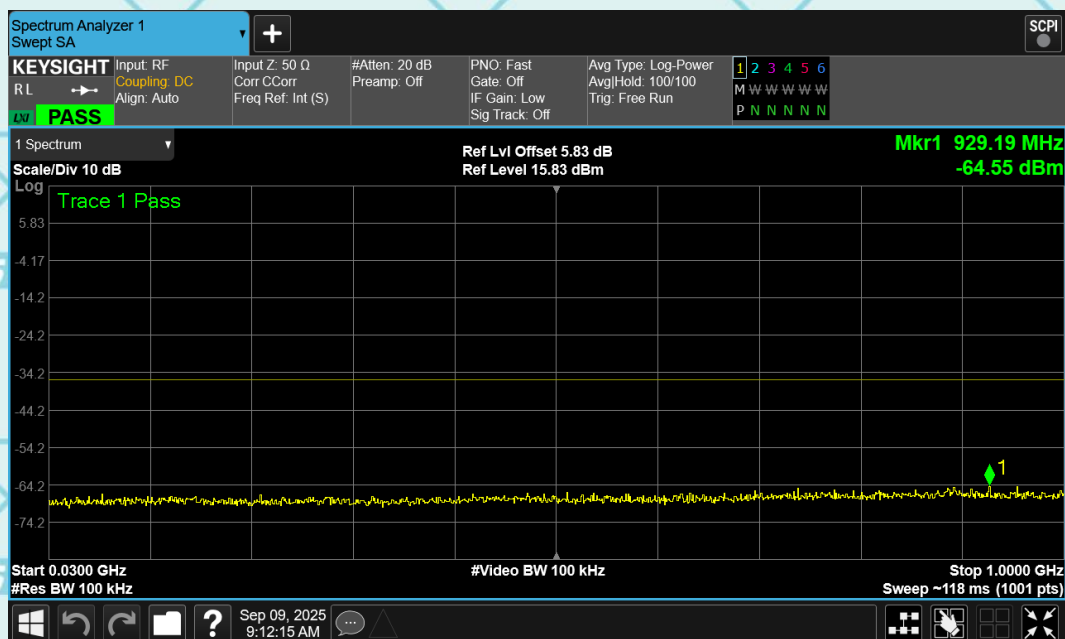


2.4965GHz-12.75GHz

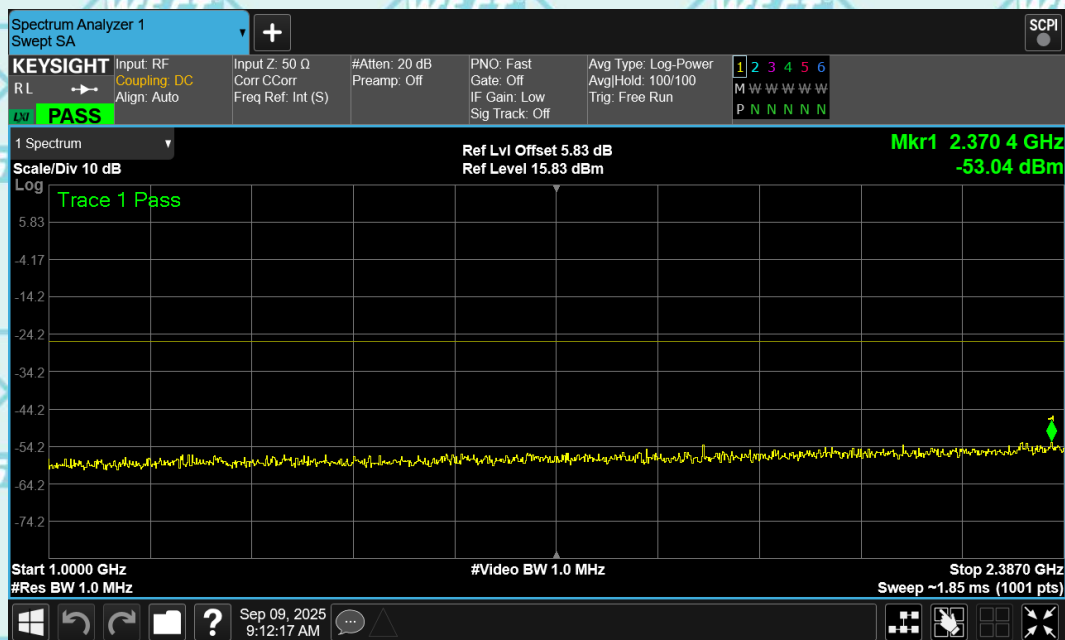


High Channel

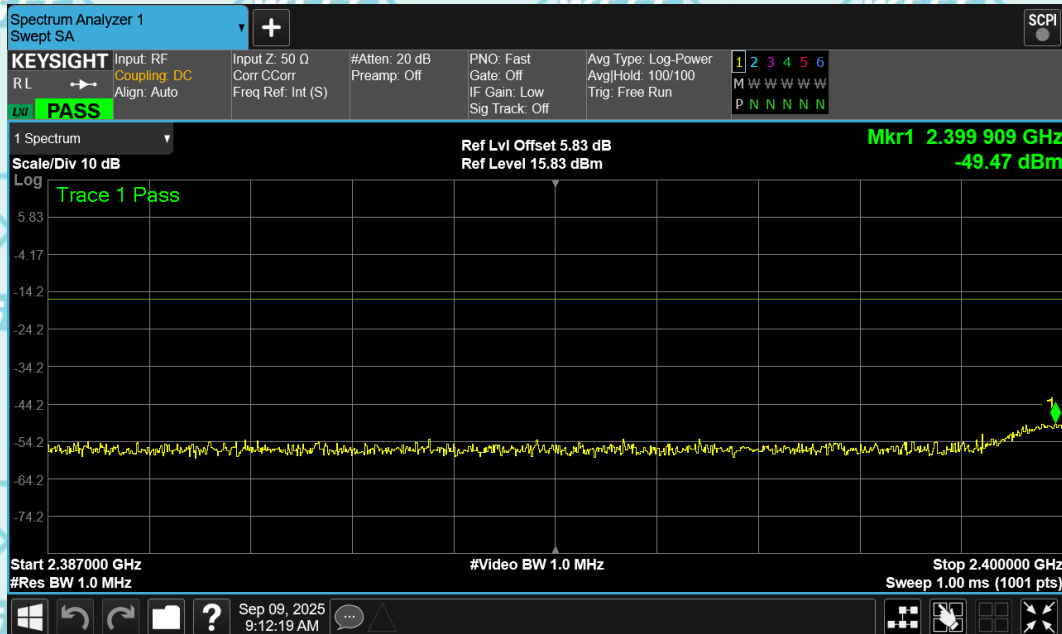
30MHz-1G



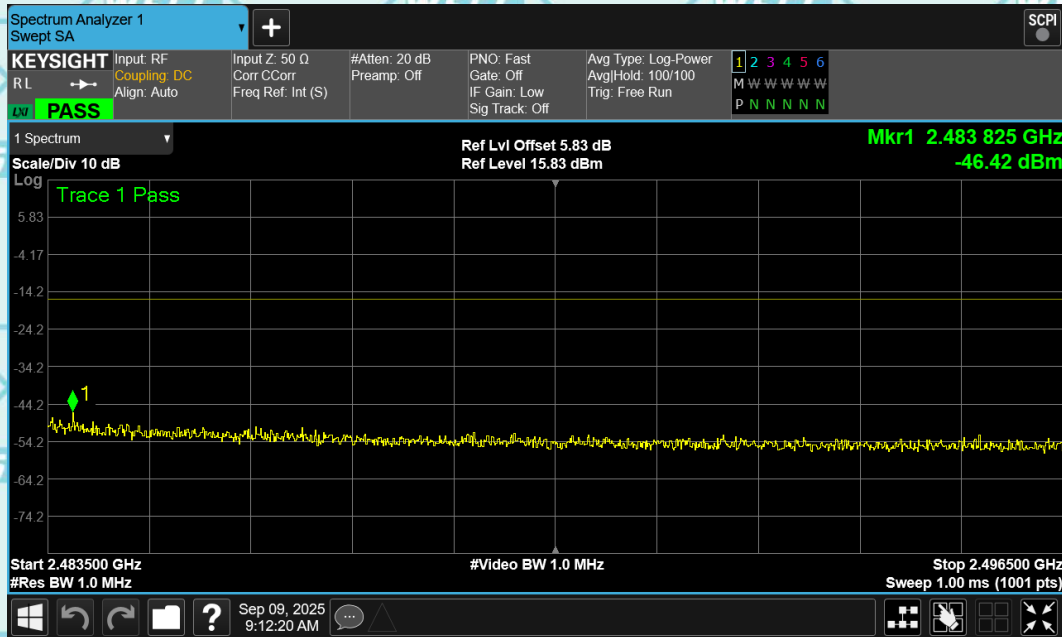
1G-2.387GHz



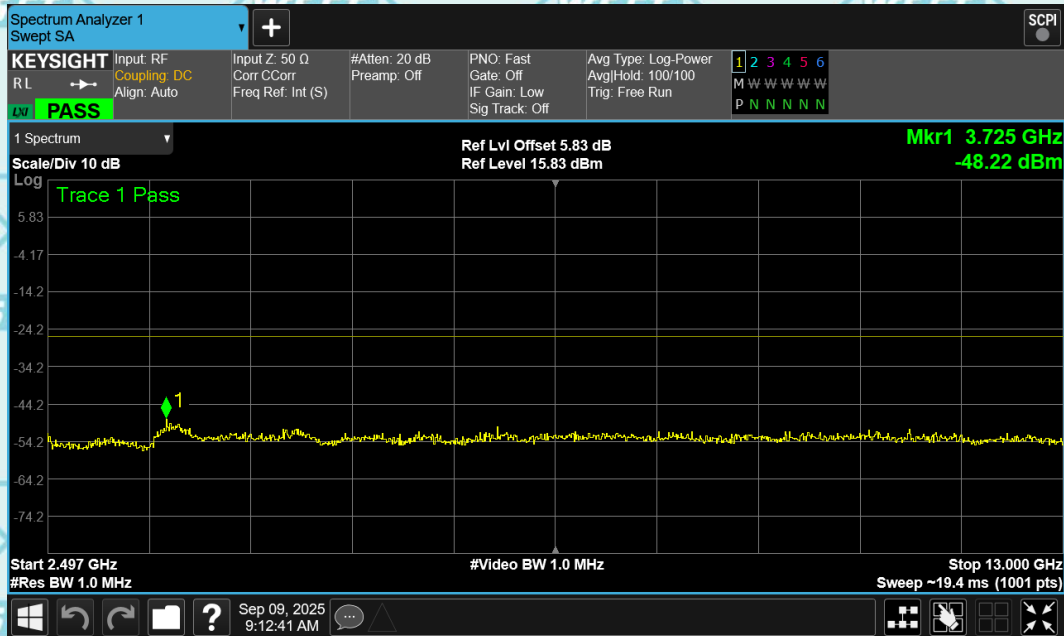
2.387G -2.4GHz



2.4835GHz-2.4965GHz

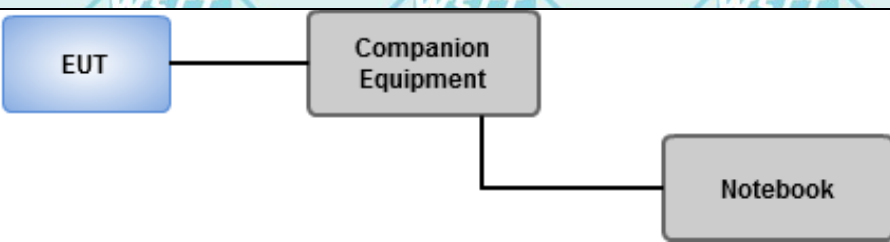


2.4965GHz-12.75GHz



6.6. Interference prevention function

6.6.1. Test Specification

Test Requirement:	Article 2 paragraph 1 item (19)
Test Limit	The identification code shall be 48 bits long
Test setup:	 <pre> graph LR EUT[EUT] --- CE[Companion Equipment] CE --- NB[Notebook] </pre>
Test Procedure:	1. Set EUT under operating mode and link up with companion equipment 2. Check communication status between EUT and companion equipment is normal 3. Record the max. reading. 4. Confirm the MAC address of EUT

Test Data

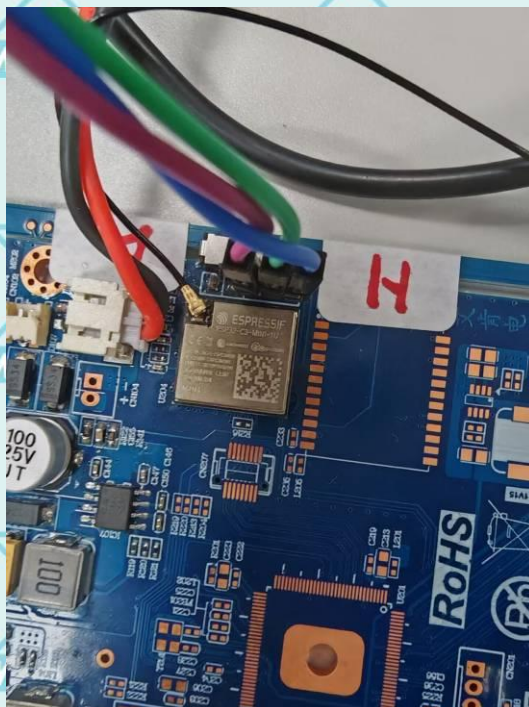
Test Mode	ID Code	Test Results
BLE	48: 31: b7: 64: 4b: e8	Pass

7. TEST SETUP PHOTOGRAPHS

Test setup photos-1



Test setup photos-2

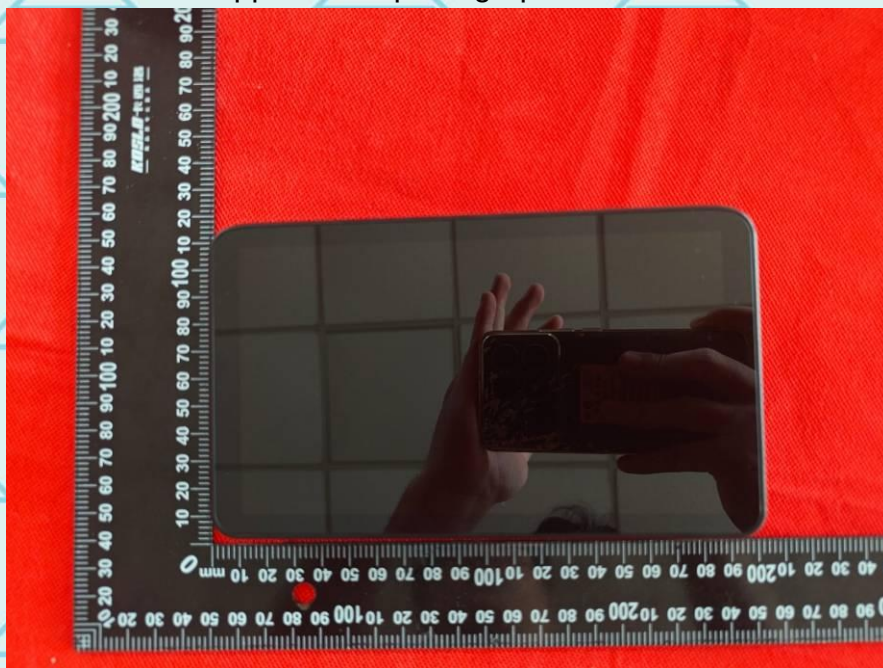


8. PHOTOGRAPHS OF EUT

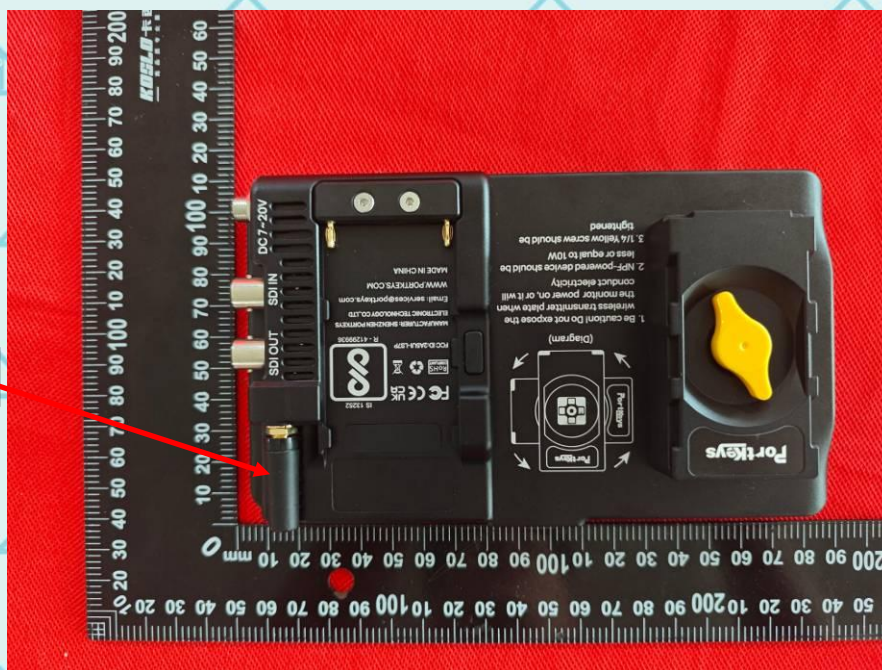
Appearance photograph of EUT



Appearance photograph of EUT



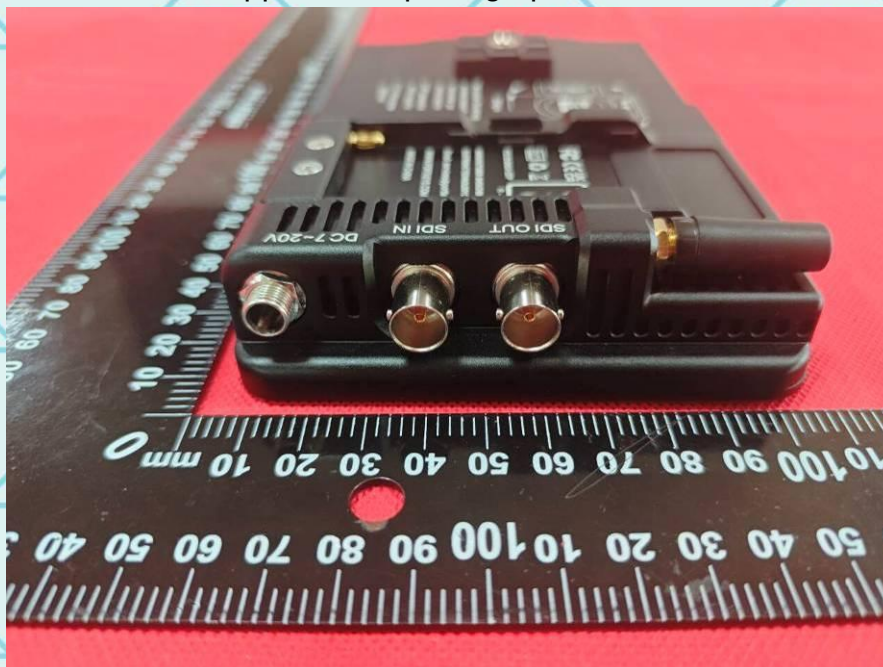
Appearance photograph of EUT



Appearance photograph of EUT



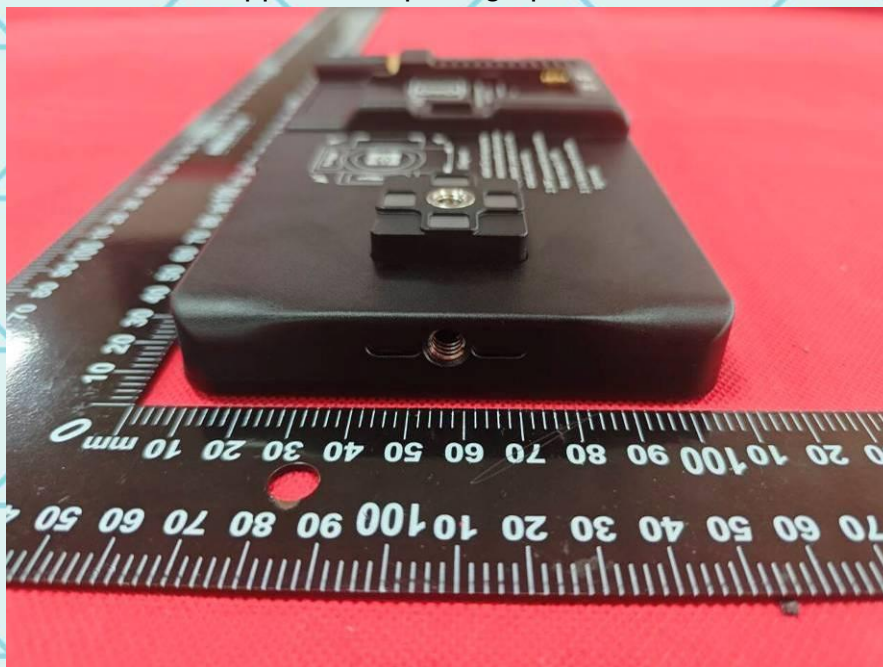
Appearance photograph of EUT



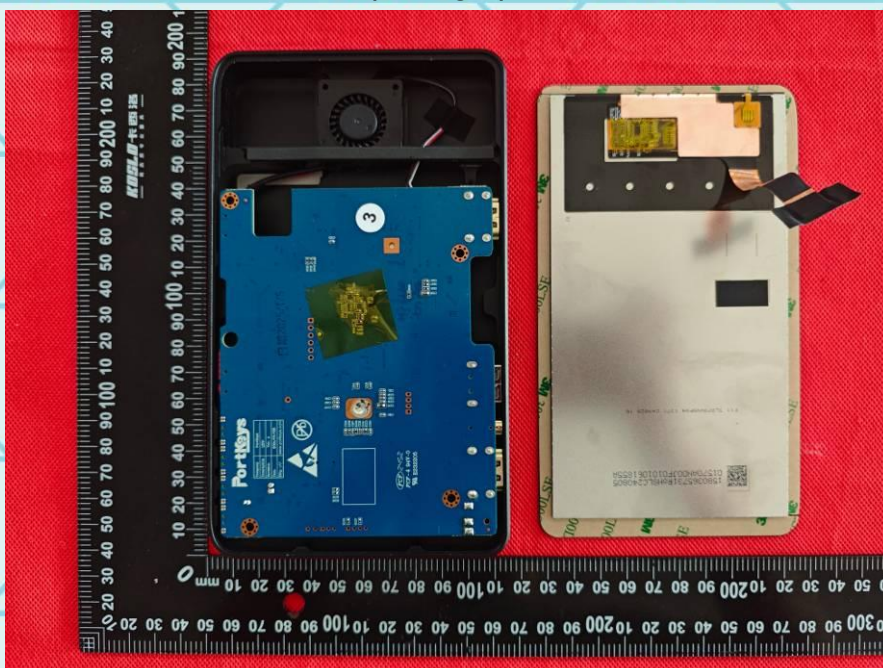
Appearance photograph of EUT



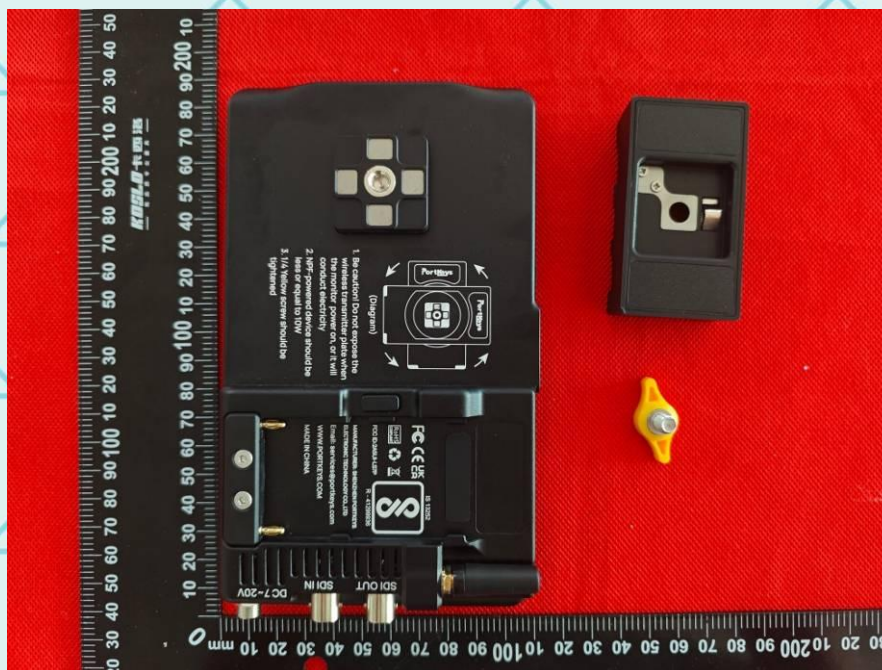
Appearance photograph of EUT



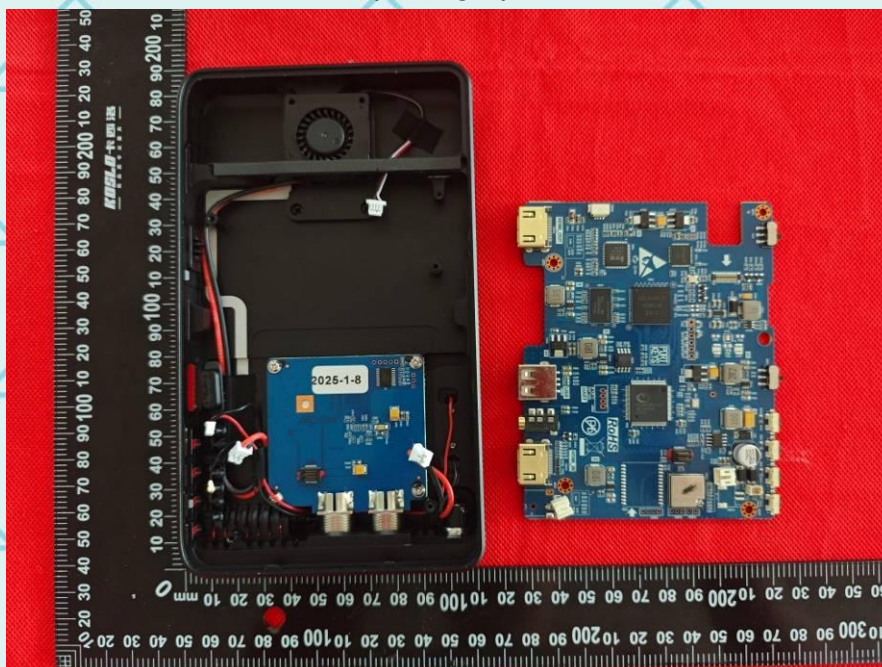
Internal photograph of EUT



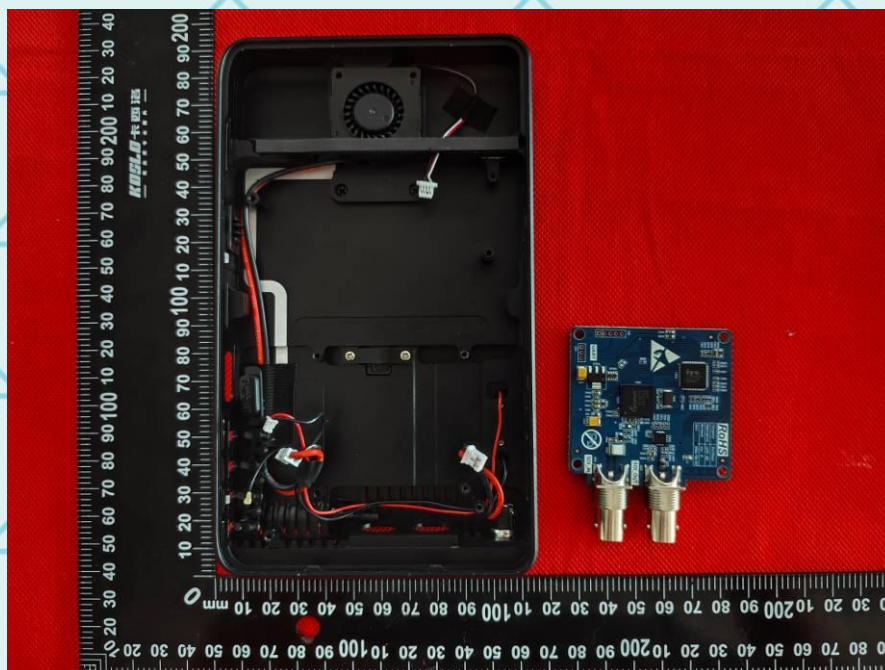
Internal photograph of EUT



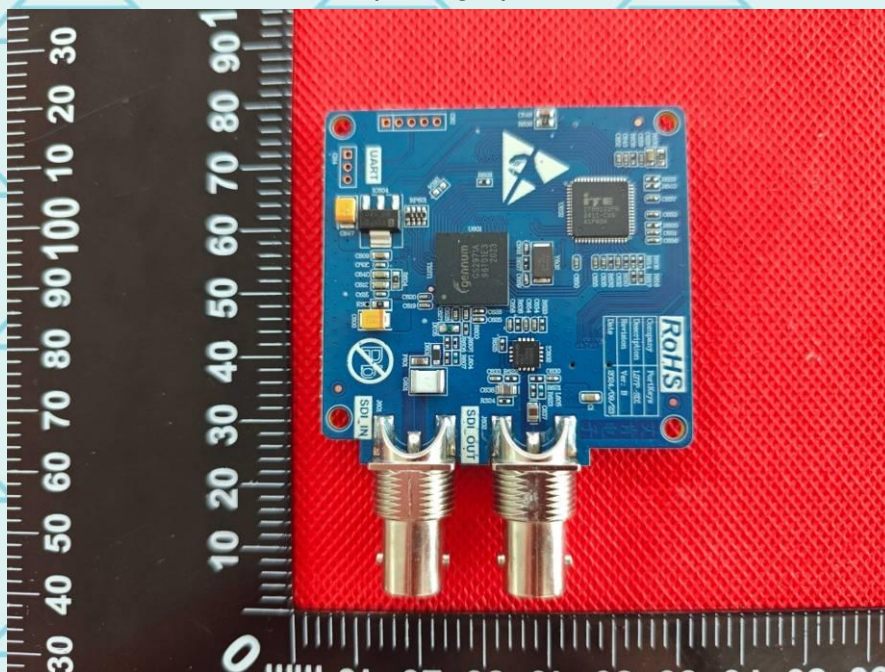
Internal photograph of EUT



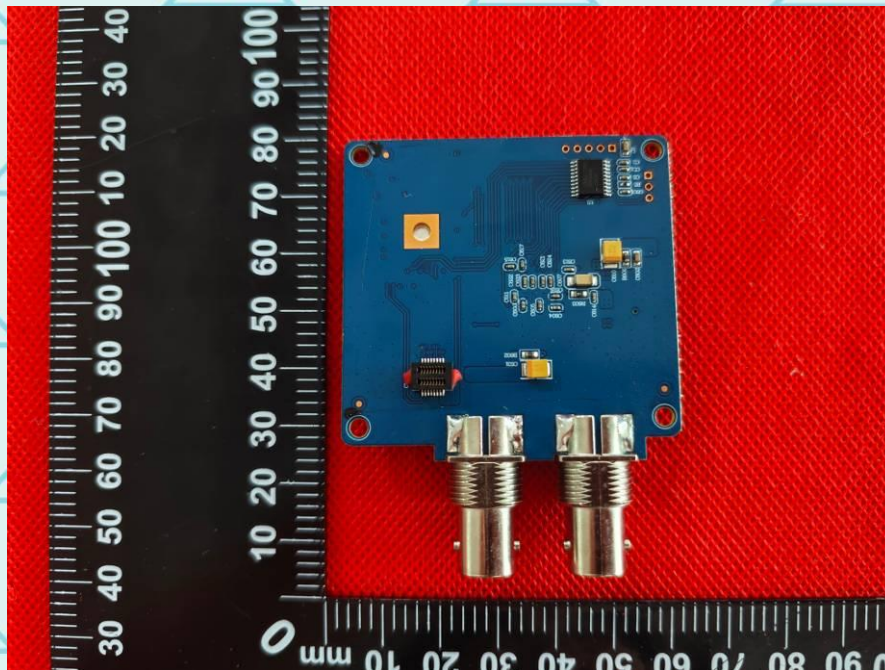
Internal photograph of EUT



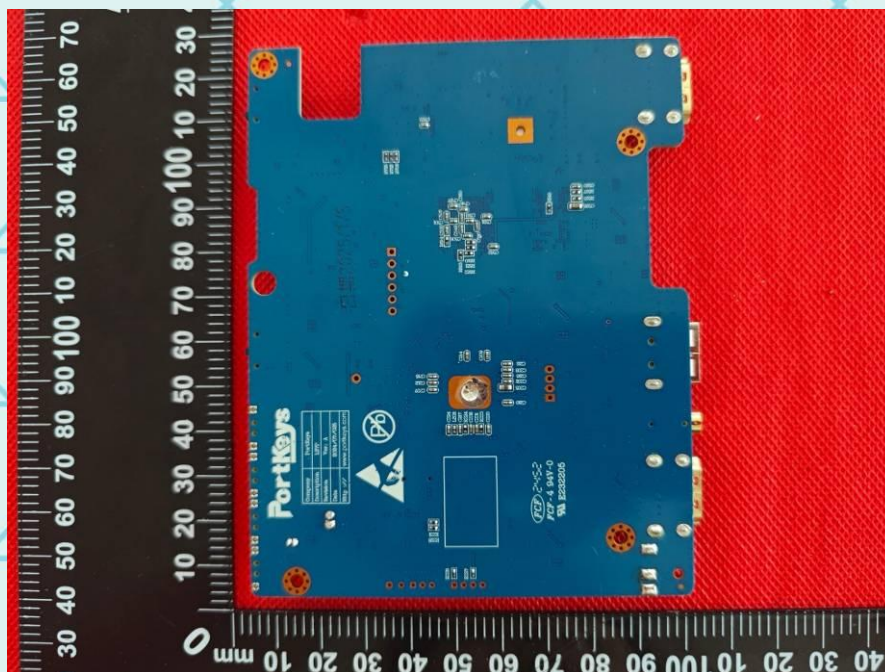
Internal photograph of EUT



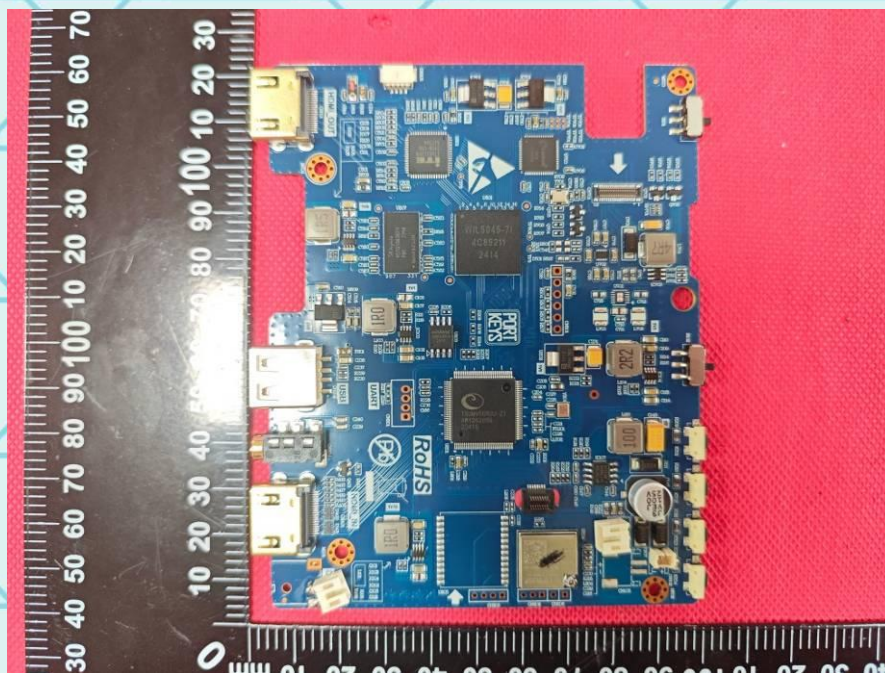
Internal photograph of EUT



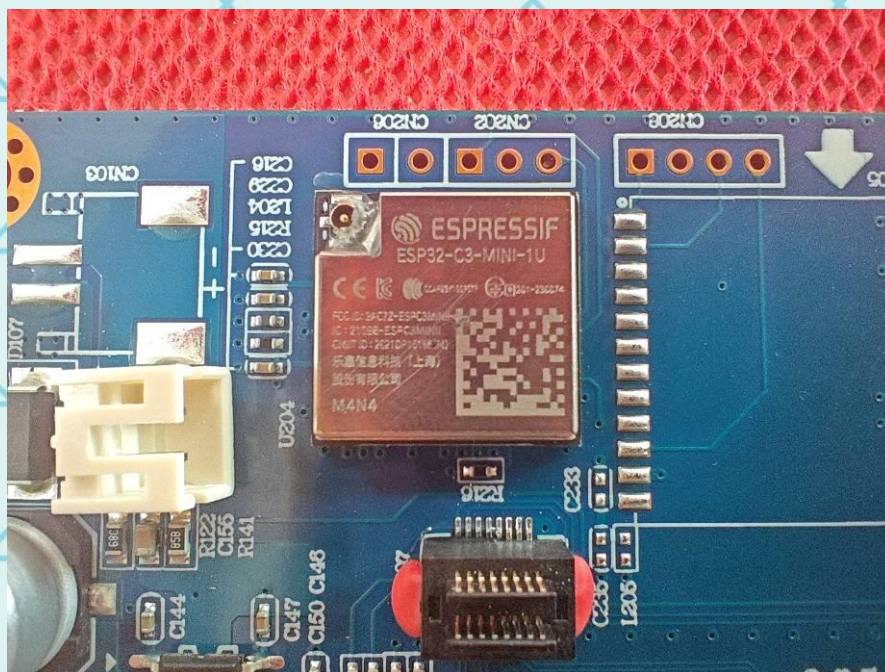
Internal photograph of EUT



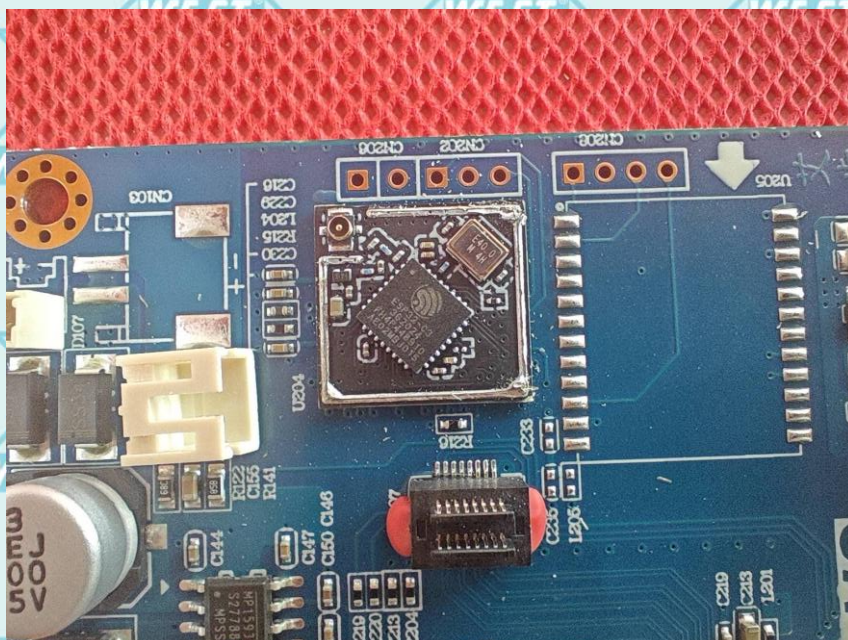
Internal photograph of EUT



Internal photograph of EUT



Internal photograph of EUT



Internal photograph of EUT



—END OF REPORT—

