MEASUREMENT REPORT

FCC ID	:	**HD5-CT70L0**
Applicant	:	**Honeywell International Inc**
Application Type	:	**Certification**
Product	:	**Mobile Computer**
Model No.	:	**CT70-L0**
Brand Name	:	**Honeywell**
FCC Classification	:	**Digital Transmission System (DTS)**
FCC Rule Part(s)	:	**Part15 Subpart C (Section 15.247)**
Received Date	:	**May 12, 2025**
Test Date	:	**June 24, 2025~July 31, 2025**

Tested By : Owen Tsai
(Owen Tsai)

Reviewed By : Paddy Chen
(Paddy Chen)

Approved By : Chenz Ker
(Chenz Ker)

Testing Laboratory
3261

The test results relate only to the samples tested.
This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.10-2013. Test results reported herein relate only to the item(s) tested.

Revision History

Report No.	Version	Description	Issue Date	Note
2505TW0108-U4	1.0	Original Report	2025-08-04	

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Description Page

General Information

Applicant	Honeywell International Inc
Applicant Address	9680 Old Bailes Rd. Fort Mill, SC 29707 United States
Manufacturer	Honeywell International Inc
Manufacturer Address	9680 Old Bailes Rd. Fort Mill, SC 29707 United States
Test Site	MRT Technology (Taiwan) Co., Ltd
Test Site Address	No. 38, Fuxing Second Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C)
MRT FCC Registration No.	291082
FCC Rule Part(s)	Part 15.247

Test Facility / Accreditations

1. MRT facility is a FCC registered (Reg. No. 291082) test facility with the site description report on file and is designated by the FCC as an Accredited Test Firm.
2. MRT facility is an IC registered (MRT Reg. No. 21723) test laboratory with the site description on file at Industry Canada.
3. MRT Lab is accredited to ISO 17025 by the Taiwan Accreditation Foundation (TAF Cert. No. 3261) in EMC, Telecommunications and Radio testing for FCC (Designation Number: TW3261), Industry Canada, EU and TELEC Rules.

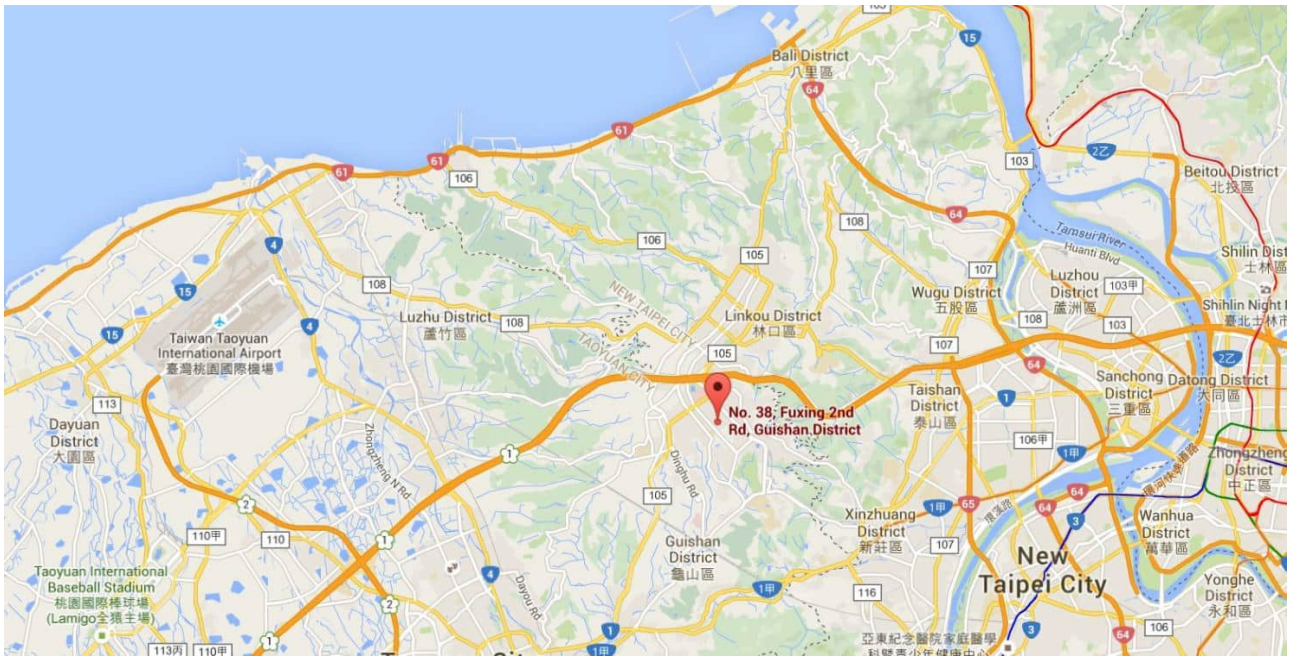
1. INTRODUCTION

1.1. Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Innovation, Science and Economic Development Canada and Certification and Engineering Bureau.

1.2. MRT Test Location

The map below shows the location of the MRT LABORATORY, its proximity to the Taoyuan City. These measurement tests were conducted at the MRT Technology (Taiwan) Co., Ltd. Facility located at No.38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 33377, Taiwan (R.O.C).



2. PRODUCT INFORMATION

2.1. Feature of Equipment under Test

Product Name	Mobile Computer
Model No.	CT70-L0
Brand Name	Honeywell
Wi-Fi Specification	802.11a/b/g/n/ac/ax/be
Bluetooth Specification	Main BT/BLE : V6.0 dual mode + 2nd BLE: V5.3 Single mode
NFC Specification	13.56MHz
EUT Identification No.	#Sample 1 (Conducted) #25163E004B (Radiated)
Accessory	
Standard Battery	Brand: Honeywell MODEL: CT70-BTSC Rating: 3.87Vdc, 4720mAh, 18.27Wh
Extend Battery	Brand: Honeywell MODEL: CT70-BTEC Rating: 3.87Vdc, 7570mAh, 29.3Wh
WPC Battery	Brand: Honeywell MODEL: CT70-BTWC Rating: 3.87Vdc, 4720mAh, 18.27Wh

Note:

1. For other features of this EUT, test report will be issued separately.
2. This product has 2 scanners, can refer as below:

Scanner	S0703	S0803FR	--	--	--

3. This report used S0703 scanner as the main test.

2.2. Product Specification Subjective to this Report

Frequency Range	802.11b/g/n-HT20/ac-VHT20/ax-HE20/be-EHT20: 2412 ~ 2462MHz 802.11n-HT40/ac-VHT40/ax-HE40/be-EHT40: 2422 ~ 2452MHz
Channel Number	802.11b/g/n-HT20/ac-VHT20/ax-HE20/be-EHT20: 11 802.11n-HT40/ac-VHT40/ax-HE40/be-EHT40: 7
Type of Modulation	802.11b: DSSS 802.11g/n/ac-VHT: OFDM 802.11ax/be: OFDMA
Data Rate	802.11b: 1/2/5.5/11Mbps 802.11g: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 300Mbps 802.11ac-VHT: up to 400Mbps 802.11ax: up to 574Mbps 802.11be: up to 688Mbps

Note: For other features of this EUT, test report will be issued separately.

2.3. Working Frequencies for this report

802.11b/g/n-HT20/ac-VHT20/ax-HE20/be-EHT20

Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2412 MHz	02	2417 MHz	03	2422 MHz
04	2427 MHz	05	2432 MHz	06	2437 MHz
07	2442 MHz	08	2447 MHz	09	2452 MHz
10	2457 MHz	11	2462 MHz	--	--

802.11n-HT40/ac-VHT40/ax-HE40/be-EHT40

Channel	Frequency	Channel	Frequency	Channel	Frequency
03	2422 MHz	04	2427 MHz	05	2432 MHz
06	2437 MHz	07	2442 MHz	08	2447 MHz
09	2452 MHz	--	--	--	--

2.4. Description of Available Antennas

Antenna Type	Frequency Band (MHz)	T_X Paths	Number of spatial streams	Wi-Fi 0 (TX1) Gain (dBi)	Wi-Fi 1 (TX2) Gain (dBi)	Beamforming Directional Gain(dBi)	CDD Directional Gain (dBi)	
							For Power	For PSD
Wi-Fi Antenna (Brand: Amphenol, M/N: US542A-16-002-C WLAN_S803, US542A-16-012-C WLAN_S703)								
PIFA	2400~2483.5	2	1	0.4	1.3	--	1.30	3.87
	5150~5250	2	1	1.1	0.3	--	1.10	3.72
	5250~5350	2	1	0.8	0.5	--	0.80	3.66
	5470~5725	2	1	2.5	1.1	--	2.50	4.84
	5725~5850	2	1	2.3	1.1	--	2.30	4.73
	5850~5895	2	1	2.1	0.9	--	2.10	4.53
	5925~6425	2	1	1.9	0.7	--	1.90	4.33
	6425~6525	2	1	0.7	0.7	--	0.70	3.71
	6525~6875	2	1	1.6	2.1	--	2.10	4.86
	6875~7125	2	1	1.3	2.6	--	2.60	4.98

Remark:

1. The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.

   If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream follows.

   - For power spectral density (PSD) measurements on all devices,

   - For power measurements on IEEE 802.11 devices,

   Array Gain = 0 dB for $N_{ANT} \leq 4$;

2. All messages of antenna were declared by manufacturer.

Test Mode	T_X Paths	CDD Mode	Beamforming Mode
802.11b/g/n/ac-VHT (DTS)	2	√	X
802.11ax/be (DTS)	2	√	X
802.11a/n (NII)	2	√	X
802.11ac/ax/be (NII)	2	√	X
802.11ax/be (6XD)	2	√	X

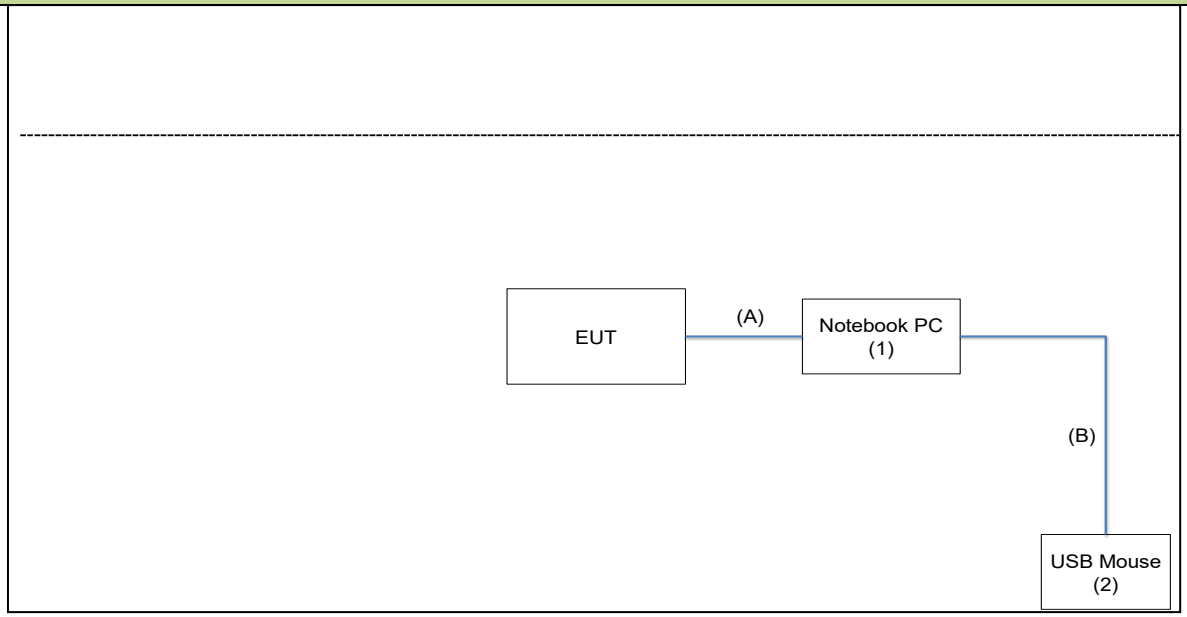
2.5. Test Mode

CDD Mode
Mode 1: Transmit by 802.11b_ (1Mbps) (CDD mode)
Mode 2: Transmit by 802.11g_ (6Mbps) (CDD mode)
Mode 3: Transmit by 802.11n-HT20_ (MCS0) (CDD mode)
Mode 4: Transmit by 802.11n-HT40_ (MCS0) (CDD mode)
Mode 5: Transmit by 802.11be-EHT20_ (MCS0) (CDD mode)
Mode 6: Transmit by 802.11be-EHT40_ (MCS0) (CDD mode)
Mode 7: Transmit by 802.11be-EHT 20_26Tone_RU0 (CDD mode)
Mode 8: Transmit by 802.11be-EHT 20_26Tone_RU8 (CDD mode)
Mode 9: Transmit by 802.11be-EHT 20_52Tone_RU74 (CDD mode)
Mode 10: Transmit by 802.11be-EHT 20_52Tone_RU77 (CDD mode)
Mode 11: Transmit by 802.11be-EHT 20_106Tone_RU106 (CDD mode)
Mode 12: Transmit by 802.11be-EHT 20_106Tone_RU107 (CDD mode)
Mode 13: Transmit by 802.11be-EHT 20_242Tone_RU122 (CDD mode)
Mode 14: Transmit by 802.11be-EHT 40_26Tone_RU0 (CDD mode)
Mode 15: Transmit by 802.11be-EHT 40_26Tone_RU17 (CDD mode)
Mode 16: Transmit by 802.11be-EHT 40_52Tone_RU74 (CDD mode)
Mode 17: Transmit by 802.11be-EHT 40_52Tone_RU81 (CDD mode)
Mode 18: Transmit by 802.11be-EHT 40_106Tone_RU106 (CDD mode)
Mode 19: Transmit by 802.11be-EHT 40_106Tone_RU109 (CDD mode)
Mode 20: Transmit by 802.11be-EHT 40_242Tone_RU122 (CDD mode)
Mode 21: Transmit by 802.11be-EHT 40_242Tone_RU123 (CDD mode)
Mode 22: Transmit by 802.11be-EHT 40_484Tone_RU130 (CDD mode)
Mode 23: Transmit by 802.11be-EHT 20_52+26Tone_MRU1 (CDD mode)
Mode 24: Transmit by 802.11be-EHT 20_52+26Tone_MRU2 (CDD mode)
Mode 25: Transmit by 802.11be-EHT 20_52+26Tone_MRU3 (CDD mode)
Mode 26: Transmit by 802.11be-EHT 20_106+26Tone_MRU1 (CDD mode)
Mode 27: Transmit by 802.11be-EHT 20_106+26Tone_MRU2 (CDD mode)
Remark: 1. For Radiated emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power. 2. Due to the same modulation between 802.11n and ac-VHT, so VHT20/40 are covered by 802.11n-HT20/40 in this report, meanwhile, power level for VHT20/40 will not be greater than 802.11n-HT20/40. 3. 802.11ax and 802.11be have same modulation type and same power parameter, so we only show 802.11be test data in report.

2.6. Configuration of Test System

The device was tested per the guidance ANSI C63.10: 2013 was used to reference the appropriate EUT setup for radiated emissions testing and AC line conducted testing.

Connection Diagram



Signal Cable Type		Signal Cable Description
A	USB Type C Cable	Shielded, 1.0m
B	USB Mouse Cable	Shielded, 1.8m

2.7. Test System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	Lenovo	V14 G3 ABA	N/A	Non-shielded, 0.8m
2	USB Mouse	Logitch	M90	N/A	N/A

2.8. Description of Test Software

The test utility software used during testing was “QRCT”, the version is ver4.0-00209.

Note: Final power setting please refer to operational description.

2.9. Applied Standards

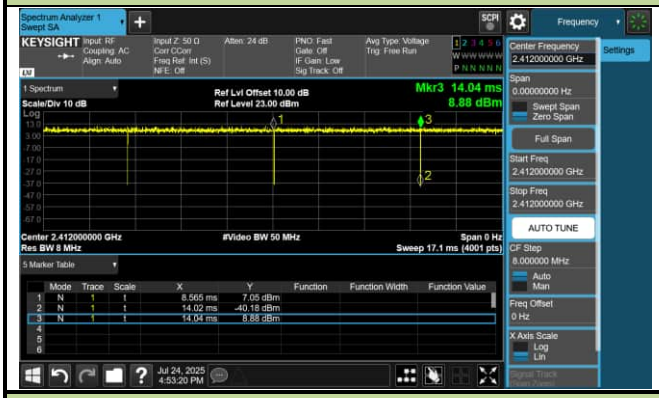
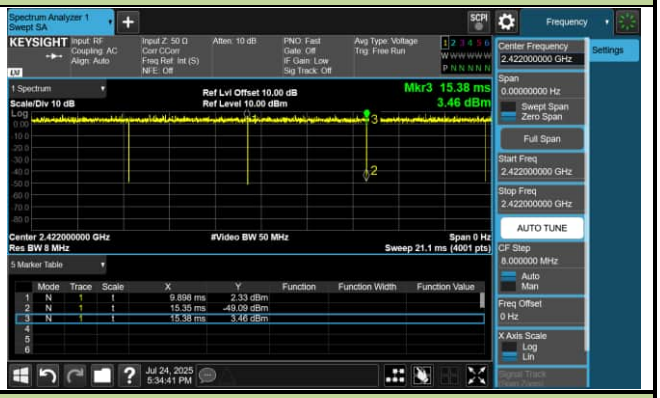
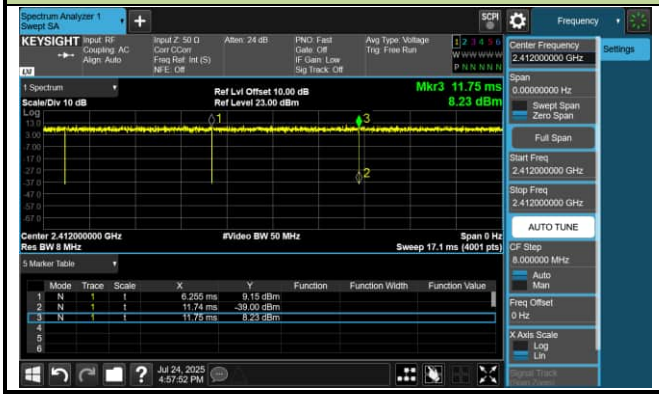
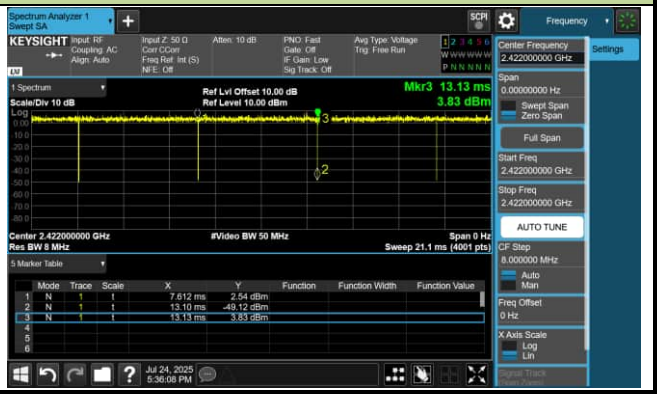
According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

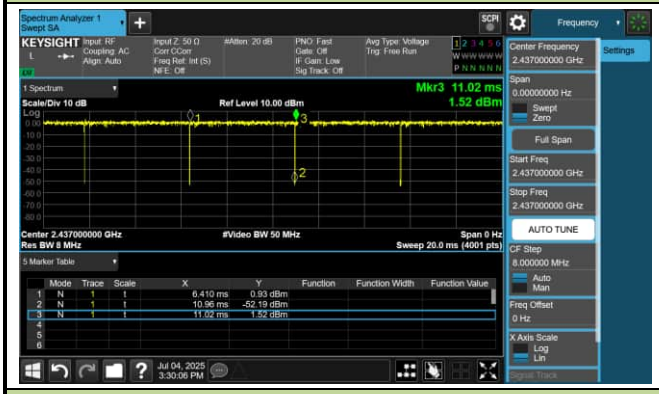
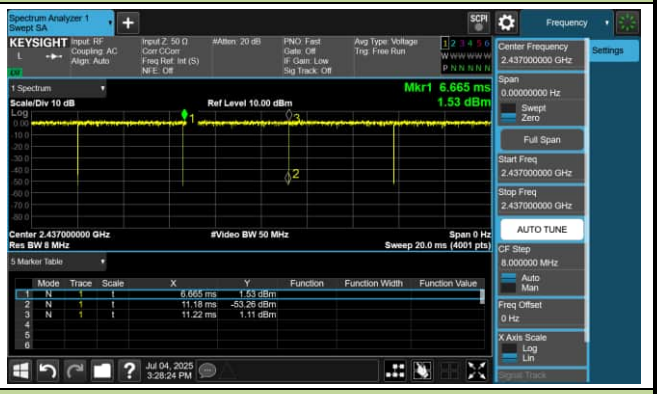
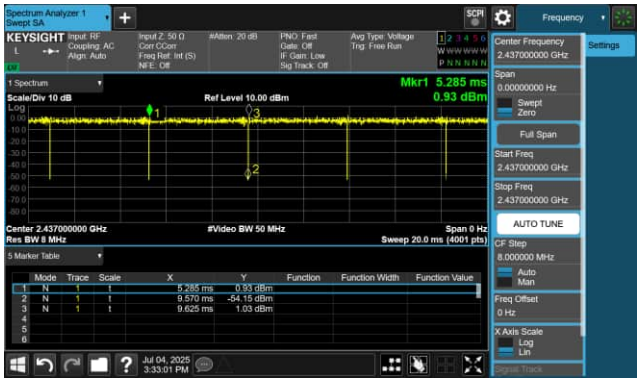
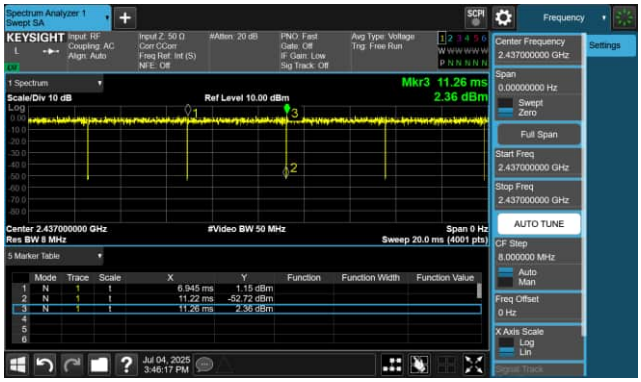
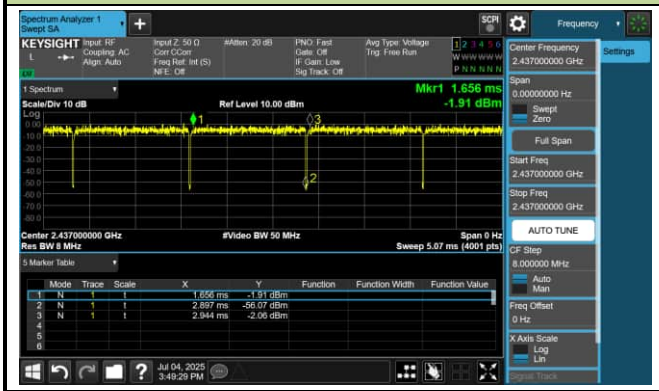
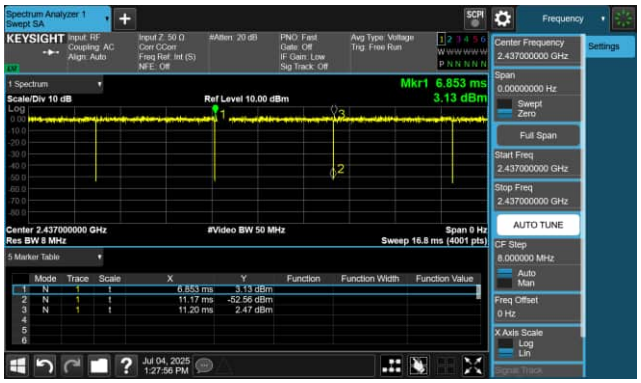
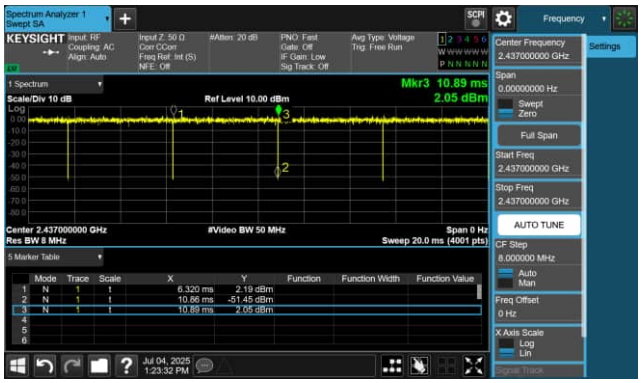
- FCC Part 15.247
- KDB 662911 D01v02r01
- ANSI C63.10-2013

2.10. Duty Cycle

2.4GHz WLAN (DTS) operation is possible in 20MHz and 40MHz channel bandwidths. The maximum achievable duty cycles for all modes were determined based on measurements performed on a spectrum analyzer in zero-span mode with RBW = 8MHz, VBW = 50MHz. The RBW and VBW were both greater than 50/T, where T is the minimum transmission duration, and the number of sweep points across T was greater than 100. The duty cycles are as follows:

Test Mode	Duty Cycle
802.11b	99.48%
802.11g	99.53%
802.11n-HT20	99.63%
802.11n-HT40	99.64%
802.11be-EHT20	99.82%
802.11be-EHT40	99.46%
802.11be-EHT20_26 Tone_RU4	98.70%
802.11be-EHT20_52 Tone_RU149	99.12%
802.11be-EHT20_106 Tone_RU212	98.73%
802.11be-EHT20_242 Tone_RU242	99.07%
802.11be-EHT40_484 Tone_RU484	96.35%
802.11be-EHT20_52+26 Tone_MRU2	99.34%
802.11be-EHT20_106+26 Tone_MRU1	99.31%

Duty Cycle	
802.11b	802.11g
	
802.11n-HT20	802.11n-HT40
	
802.11be-EHT20	802.11be-EHT40
	

Duty Cycle	
802.11be-EHT20_26 Tone_RU4	802.11be-EHT20_52 Tone_RU149
	
802.11be-EHT20_106 Tone_RU212	802.11be-EHT20_242 Tone_RU242
	
802.11be-EHT40_484 Tone_RU484	--
	--
802.11be-EHT20_52+26 Tone_MRU2	802.11be-EHT20_106+26 Tone_MRU1
	

2.11. Test Configuration

The device was tested per the guidance of ANSI C63.10-2013. ANSI C63.10-2013 was used to reference the appropriate EUT setup for radiated spurious emissions testing and AC line conducted testing.

2.12. EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and/or no modifications were made during testing.

2.13. Labeling Requirements

Per 2.1074 & 15.19; Docket 95-19

The label shall be permanently affixed at a conspicuous location on the device; instruction manual or pamphlet supplied to the user and be readily visible to the purchaser at the time of purchase. However, when the device is so small wherein placement of the label with specified statement is not practical, only the FCC ID must be displayed on the device per Section 15.19(a)(5). Please see attachment for FCC ID label and label location.

3. DESCRIPTION of TEST

3.1. Evaluation Procedure

The measurement procedures described in the American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices (ANSI C63.10-2013), and the guidance was used in the measurement.

3.2. AC Line Conducted Emissions

The line-conducted facility is located inside an 8'x4'x4' shielded enclosure. A 1m x 2m wooden table 80cm high is placed 40cm away from the vertical wall and 80cm away from the sidewall of the shielded room. Two 10kHz-30MHz, 50Ω/50uH Line-Impedance Stabilization Networks (LISNs) are bonded to the shielded room floor. Power to the LISNs is filtered by external high-current high-insertion loss power line filters. These filters attenuate ambient signal noise from entering the measurement lines. These filters are also bonded to the shielded enclosure.
The EUT is powered from one LISN and the support equipment is powered from the second LISN. All interconnecting cables more than 1 meter were shortened to a 1 meter length by non-inductive bundling (serpentine fashion) and draped over the back edge of the test table. All cables were at least 40cm above the horizontal reference ground-plane. Power cables for support equipment were routed down to the second LISN while ensuring that that cables were not draped over the second LISN.
Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The RF output of the LISN was connected to the receiver and exploratory measurements were made to determine the frequencies producing the maximum emission from the EUT. The receiver was scanned from 150kHz to 30MHz. The detector function was set to peak mode for exploratory measurements while the bandwidth of the analyzer was set to 9kHz. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Each emission was also maximized by varying power lines, the mode of operation or data exchange speed, or support equipment whichever determined the worst-case emission. Once the worst-case emissions have been identified, the one EUT cable configuration/arrangement and mode of operation that produced these emissions are used for final measurements on the same test site. The analyzer is set to CISPR quasi-peak and average detectors with a 9kHz resolution bandwidth for final measurements.
An extension cord was used to connect to a single LISN which powered by EUT. The extension cord was calibrated with LISN, the impedance and insertion loss are compliance with the requirements as stated in ANSI C63.10-2013.

3.3. Radiated Emissions

The radiated test facilities consisted of an indoor 3 meter semi-anechoic chamber used for final measurements and exploratory measurements, when necessary. The measurement area is contained within the semi-anechoic chamber which is shielded from any ambient interference. For measurements above 1GHz absorbers are arranged on the floor between the turn table and the antenna mast in such a way so as to maximize the reduction of reflections. For measurements below 1GHz, the absorbers are removed. A MF Model 210SS turntable is used for radiated measurement. It is a continuously rotatable, remote controlled, metallic turntable and 2 meters (6.56 ft.) in diameter. The turn table is flush with the raised floor of the chamber in order to maintain its function as a ground plane. An 80cm high PVC support structure is placed on top of the turntable.
For all measurements, the spectrum was scanned through all EUT azimuths and from 1 to 4 meter receive antenna height using a broadband antenna from 30MHz up to the upper frequency shown in 15.33(b)(1) depending on the highest frequency generated or used in the device or on which the device operates or tunes. For frequencies above 1GHz, linearly polarized double ridge horn antennas were used. For frequencies below 30MHz, a calibrated loop antenna was used. When exploratory measurements were necessary, they were performed at 1 meter test distance inside the semi-anechoic chamber using broadband antennas, broadband amplifiers, and spectrum analyzers to determine the frequencies and modes producing the maximum emissions. Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The test set-up for frequencies below 1GHz was placed on top of the 0.8 meter high, 1 x 1.5 meter table; and test set-up for frequencies 1-40GHz was placed on top of the 1.5 meter high, 1 x 1.5 meter table. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Appropriate precaution was taken to ensure that all emissions from the EUT were maximized and investigated. The system configuration, clock speed, mode of operation or video resolution, if applicable, turntable azimuth, and receive antenna height was noted for each frequency found.
Final measurements were made in the semi-anechoic chamber using calibrated, linearly polarized broadband and horn antennas. The test setup was configured to the setup that produced the worst case emissions. The spectrum analyzer was set to investigate all frequencies required for testing to compare the highest radiated disturbances with respect to the specified limits. The turntable containing the EUT was rotated through 360 degrees and the height of the receive antenna was varied 1 to 4 meters and stopped at the azimuth and height producing the maximum emission. Each emission was maximized by changing the orientation of the EUT through three orthogonal planes and changing the polarity of the receive antenna, whichever produced the worst-case emissions. According to 3dB Beam-Width of horn antenna, the horn antenna should be always directed to the EUT when rising height.

4. ANTENNA REQUIREMENTS

Excerpt from §15.203 of the FCC Rules/Regulations:

"An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section."

- The antenna of the device is **permanently attached.**
- There are no provisions for connection to an external antenna.

Conclusion:

The unit complies with the requirement of §15.203.

5. TEST EQUIPMENT CALIBRATION DATE

Conducted Emissions

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Two-Line V-Network	R&S	ENV216	MRTTWA00020	1 year	2026/4/14
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2026/3/4
Cable	Rosnol	N1C50-RG400-B 1C50-500CM	MRTTWE00013	1 year	2026/6/13

Radiated Emissions

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Acitve Loop Antenna	SCHWARZBECK	FMZB 1519B	MRTTWA00002	1 year	2026/4/16
Broadband TRILOG Antenna	SCHWARZBECK	VULB 9162	MRTTWA00086	1 year	2025/11/5
Broadband Hornantenna	RFSPIN	DRH18-E & BBHA 9170	MRTTWA00087	1 year	2026/5/14
Broadband Preamplifier	EMC Instruments corporation	EMC118A45SE	MRTTWA00088	1 year	2026/5/12
Breitband Hornantenna	SCHWARZBECK	BBHA 9170	MRTTWA00004	1 year	2026/3/27
Broadband Amplifier	SCHWARZBECK	BBV 9721	MRTTWA00006	1 year	2026/3/20
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2026/3/4
Signal Analyzer	R&S	FSV40	MRTTWA00007	1 year	2026/5/20
Antenna Cable	HUBERSUHNER	SF106	MRTTWE00010	1 year	2026/6/13
Cable	Rosnol	K1K50-UP0264-K1K50-4M	MRTTWE00012	1 year	2026/6/13
Temperature/Humidity Meter	TFA	35.1083	MRTTWA00032	1 year	2026/6/5

Conducted Test Equipment

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2025/9/24
EXA Signal Analyzer	KEYSIGHT	N9010B	MRTTWA00074	1 year	2026/7/14
USB Wideband Power Sensor	KEYSIGHT	U2021XA	MRTTWA00015	1 year	2026/3/11

Test Software

Software	Version	Function
e3	9.160520a	EMI Test Software

6. MEASUREMENT UNCERTAINTY

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.

AC Conducted Emission Measurement
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 150kHz~30MHz: ± 2.53dB
Radiated Emission Measurement
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 9kHz ~ 1GHz: ± 4.25dB 1GHz ~ 40GHz: ± 4.45dB
Conducted Power (Carrier Power / Power Density)
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): ± 0.84dB
Conducted Spurious Emission
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): ± 2.65 dB
Occupied Bandwidth
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): ± 3.3%
Temp. / Humidity
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): ±0.82°C/ ±3%

7. TEST RESULT

7.1. Summary

FCC Section(s)	Test Description	Test Limit	Test Condition	Test Result	Reference
15.247(a)(2)	6dB Bandwidth	≥ 500kHz	Conducted	Pass	Section 7.2
15.247(b)(3)	Output Power	≤ 30dBm		Pass (28.81dBm@Peak)	Section 7.3
15.247(e)	Power Spectral Density	≤ 8dBm/3kHz		Pass	Section 7.4
15.247(d)	Band Edge / Out-of-Band Emissions	≥ 20dBc (Peak)		Pass	Section 7.5
15.205 15.209	Spurious Emission	< FCC 15.209 limits	Radiated	PASS (39.93dBuV/m@avg)	Section 7.6
15.205 15.209	Band Edge Measurement	≦ 74dBuV/m(Peak) ≦54dBuV/m(Average)		PASS (51.78dBuV/m@avg)	Section 7.7
15.207	AC Conducted Emissions 150kHz - 30MHz	< FCC 15.207 limits	Line Conducted	Pass	Section 7.8

Notes:

1) Determining compliance is based on the test results met the regulation limits or requirements declared by clients, and the test results don't take into account the value of measurement uncertainty.
2) The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
3) Output power test was verified over all data rates of each mode (data refers to operational description), and then choose the maximum power output (low data rate) for final test of each channel.
4) For radiated emission test, every axis (X, Y, Z) was also verified. The test results shown in the following sections represent the worst-case emissions.

7.2. 6dB Bandwidth Measurement

7.2.1.Test Limit

The minimum 6dB bandwidth shall be at least 500 kHz.

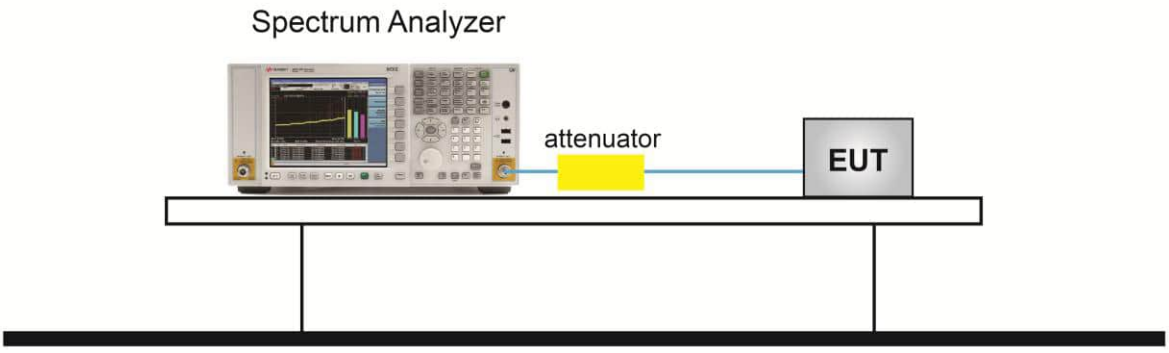
7.2.2.Test Procedure used

ANSI C63.10 - 2013 Section 11.8

7.2.3.Test Setting

1. The Spectrum's automatic bandwidth measurement capability was used to perform the 6dB bandwidth measurement. The "X" dB bandwidth parameter was set to X = 6. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. Set RBW = 100 kHz
3. VBW ≥ 3 × RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. Allow the trace was allowed to stabilize

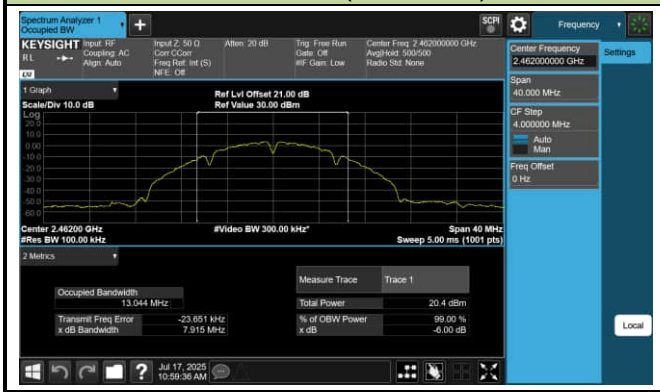
7.2.4.Test Setup

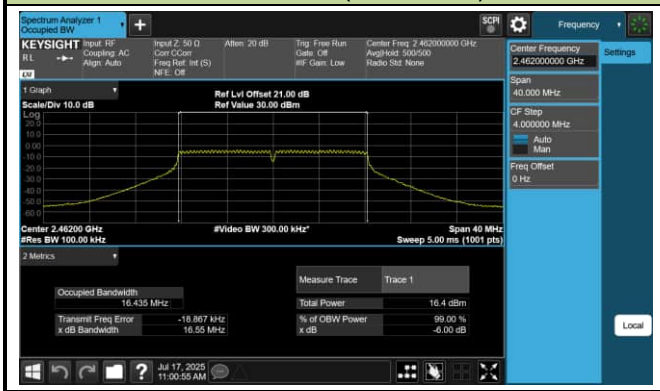


7.2.5.Test Result

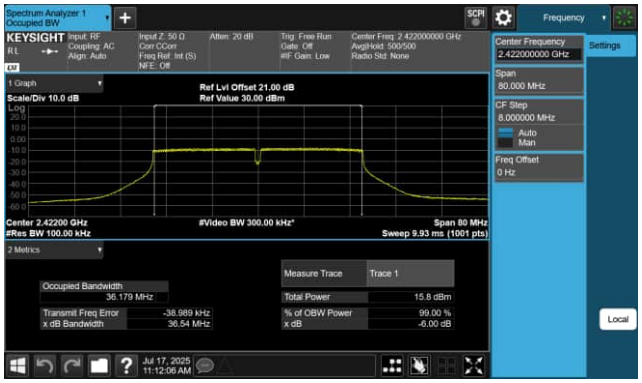
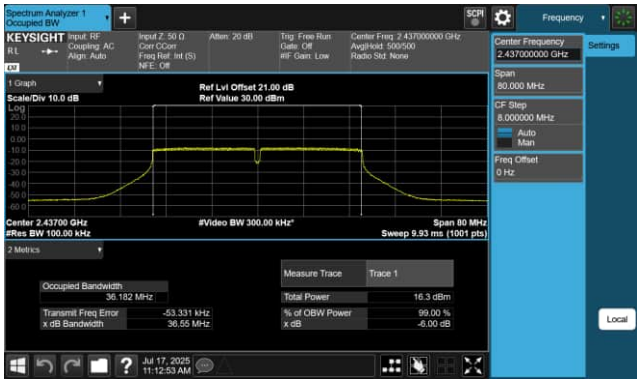
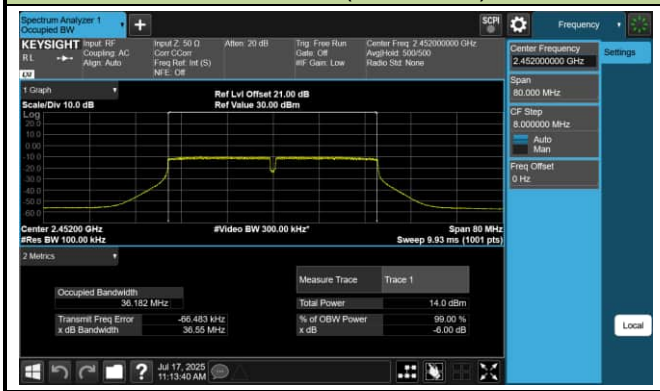
Product	Mobile Computer	Temperature	25°C
Test Engineer	Marvin	Relative Humidity	54%
Test Site	SR6	Test Date	2025/7/17~2025/7/19

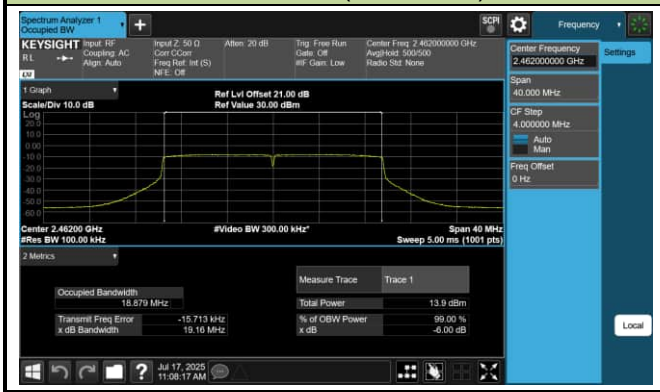
Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
Ant 6						
802.11b	1Mbps	01	2412	7.901	≥ 0.5	Pass
802.11b	1Mbps	06	2437	8.015	≥ 0.5	Pass
802.11b	1Mbps	11	2462	7.915	≥ 0.5	Pass
802.11g	6Mbps	01	2412	16.55	≥ 0.5	Pass
802.11g	6Mbps	06	2437	16.54	≥ 0.5	Pass
802.11g	6Mbps	11	2462	16.55	≥ 0.5	Pass
802.11n-HT20	MCS0	01	2412	17.78	≥ 0.5	Pass
802.11n-HT20	MCS0	06	2437	17.78	≥ 0.5	Pass
802.11n-HT20	MCS0	11	2462	17.78	≥ 0.5	Pass
802.11n-HT40	MCS0	03	2422	36.54	≥ 0.5	Pass
802.11n-HT40	MCS0	06	2437	36.55	≥ 0.5	Pass
802.11n-HT40	MCS0	09	2452	36.55	≥ 0.5	Pass
802.11be-EHT20	MCS0	01	2412	19.15	≥ 0.5	Pass
802.11be-EHT20	MCS0	06	2437	19.16	≥ 0.5	Pass
802.11be-EHT20	MCS0	11	2462	19.16	≥ 0.5	Pass
802.11be-EHT40	MCS0	03	2422	38.24	≥ 0.5	Pass
802.11be-EHT40	MCS0	06	2437	38.25	≥ 0.5	Pass
802.11be-EHT40	MCS0	09	2452	38.24	≥ 0.5	Pass

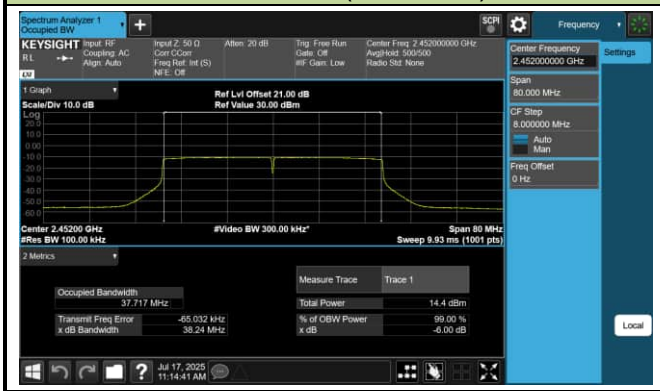
802.11b 6dB Bandwidth - Ant 6	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

802.11g 6dB Bandwidth - Ant 6	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

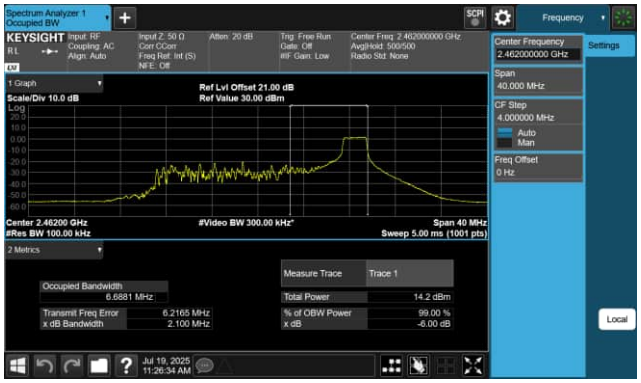
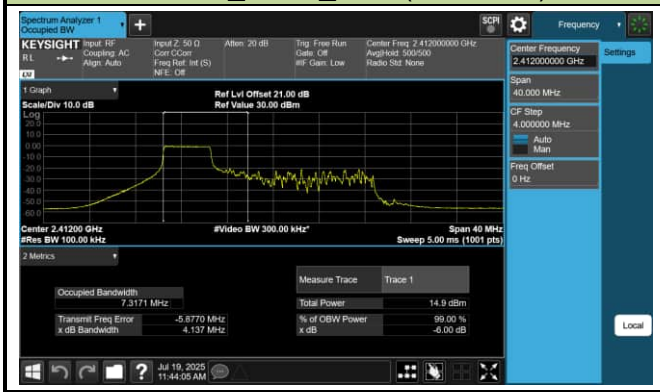
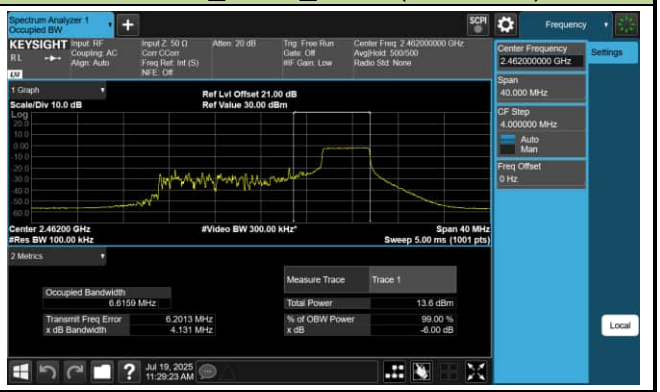
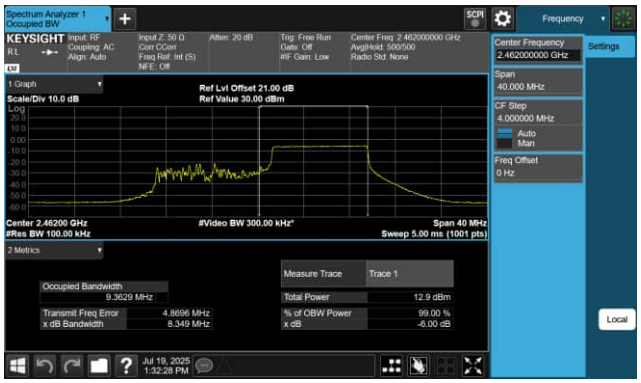
802.11n-HT20 6dB Bandwidth - Ant 6	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

802.11n-HT40 6dB Bandwidth - Ant 6	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	
	

802.1be-EHT20 6dB Bandwidth - Ant 6	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

802.1be-EHT40 6dB Bandwidth - Ant 6	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	
	

Test Mode	RU Size	RU Index	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
Ant 6							
802.11be-EHT20	26 Tone	RU 0	01	2412	2.101	≥ 0.5	Pass
802.11be-EHT20		RU 8	11	2462	2.100	≥ 0.5	Pass
802.11be-EHT20	52 Tone	RU 74	01	2412	4.137	≥ 0.5	Pass
802.11be-EHT20		RU 77	11	2462	4.131	≥ 0.5	Pass
802.11be-EHT20	106 Tone	RU 106	01	2412	8.356	≥ 0.5	Pass
802.11be-EHT20		RU 107	11	2462	8.349	≥ 0.5	Pass
802.11be-EHT20	242 Tone	RU 122	01	2412	19.21	≥ 0.5	Pass
802.11be-EHT20		RU 122	11	2462	19.21	≥ 0.5	Pass

802.11be-EHT20 6dB Bandwidth - Ant	
26 Tone_RU0_CH1 (2412MHz)	26 Tone_RU8_CH11 (2462MHz)
	
52 Tone_RU74_CH1 (2412MHz)	52 Tone_RU77_CH11 (2462MHz)
	
106 Tone_RU106_CH1 (2412MHz)	106 Tone_RU107_CH11 (2462MHz)
	
242 Tone_RU122_CH1 (2412MHz)	242 Tone_RU122_CH11 (2462MHz)
	

7.3. Output Power Measurement

7.3.1.Test Limit

The maximum output power shall be less 1 Watt (30dBm).

The conducted output power limit specified in paragraph FCC Part 15.247(b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs FCC Part 15.247(b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

7.3.2.Test Procedure Used

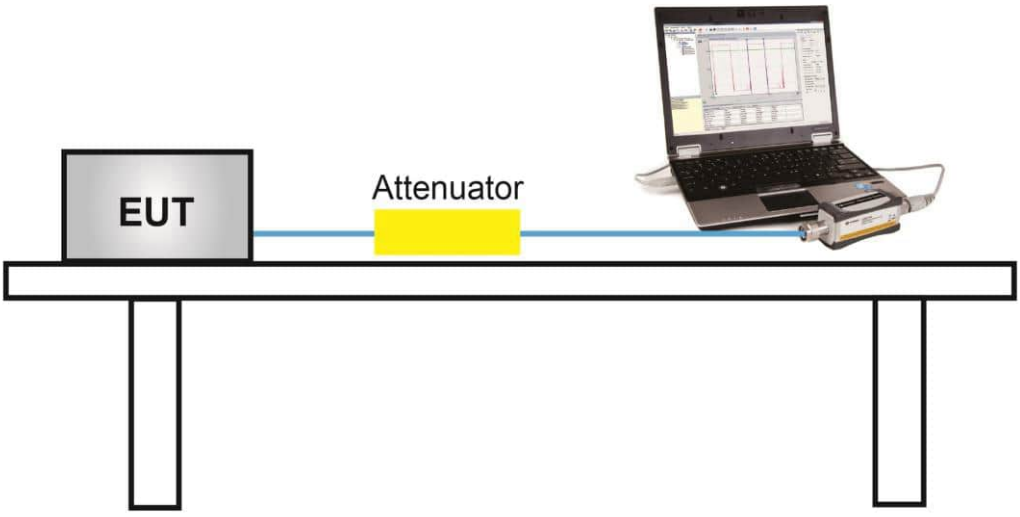
ANSI C63.10 - 2013 Section 11.9.2.3.2

7.3.3.Test Setting

Average Power Measurement

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.

7.3.4.Test Setup



7.3.5.Test Result

Product	Mobile Computer	Temperature	25°C
Test Engineer	Marvin	Relative Humidity	54%
Test Site	SR6	Test Date	2025/7/10~2025/7/31

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 6 Peak Power (dBm)	Ant 7 Peak Power (dBm)	Total Peak Power (dBm)	Limit (dBm)	Result
CDD Mode								
802.11b	1Mbps	01	2412	22.63	22.39	25.52	≤ 30.00	Pass
802.11b	1Mbps	06	2437	22.4	22.49	25.46	≤ 30.00	Pass
802.11b	1Mbps	11	2462	22.33	22.39	25.37	≤ 30.00	Pass
802.11g	6Mbps	01	2412	22.14	22.63	25.40	≤ 30.00	Pass
802.11g	6Mbps	02	2417	25.53	26.05	28.81	≤ 30.00	Pass
802.11g	6Mbps	06	2437	25.36	25.62	28.50	≤ 30.00	Pass
802.11g	6Mbps	10	2457	25.31	25.97	28.66	≤ 30.00	Pass
802.11g	6Mbps	11	2462	21.51	22.07	24.81	≤ 30.00	Pass
802.11n-HT20	MCS0	01	2412	23.51	23.2	26.37	≤ 30.00	Pass
802.11n-HT20	MCS0	06	2437	25.33	25.21	28.28	≤ 30.00	Pass
802.11n-HT20	MCS0	10	2457	25.5	26.07	28.80	≤ 30.00	Pass
802.11n-HT20	MCS0	11	2462	20.61	21.03	23.84	≤ 30.00	Pass
802.11n-HT40	MCS0	03	2422	21.62	22.18	24.92	≤ 30.00	Pass
802.11n-HT40	MCS0	06	2437	22.16	22.01	25.10	≤ 30.00	Pass
802.11n-HT40	MCS0	09	2452	19.98	20.4	23.21	≤ 30.00	Pass
802.11ac-VHT20	MCS0	01	2412	23.29	23.37	26.34	≤ 30.00	Pass
802.11ac-VHT20	MCS0	06	2437	25.44	25.04	28.25	≤ 30.00	Pass
802.11ac-VHT20	MCS0	10	2457	25.73	25.81	28.78	≤ 30.00	Pass
802.11ac-VHT20	MCS0	11	2462	20.85	20.61	23.74	≤ 30.00	Pass
802.11ac-VHT40	MCS0	03	2422	21.84	21.66	24.76	≤ 30.00	Pass
802.11ac-VHT40	MCS0	06	2437	21.99	22.11	25.06	≤ 30.00	Pass
802.11ac-VHT40	MCS0	09	2452	20.02	20.28	23.16	≤ 30.00	Pass
802.11be-EHT20	MCS0	01	2412	21.09	21.81	24.48	≤ 30.00	Pass
802.11be-EHT20	MCS0	02	2417	25.16	25.45	28.32	≤ 30.00	Pass
802.11be-EHT20	MCS0	06	2437	26.01	25.53	28.79	≤ 30.00	Pass
802.11be-EHT20	MCS0	10	2457	24.69	24.87	27.79	≤ 30.00	Pass
802.11be-EHT20	MCS0	11	2462	19.71	20.13	22.94	≤ 30.00	Pass
802.11be-EHT40	MCS0	03	2422	20.89	20.97	23.94	≤ 30.00	Pass
802.11be-EHT40	MCS0	06	2437	20.98	21.23	24.12	≤ 30.00	Pass
802.11be-EHT40	MCS0	09	2452	19.75	20.17	22.98	≤ 30.00	Pass

Note: Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 6 Average Power }/10)} + 10^{(\text{Ant 7 Average Power }/10)}\}$

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 6 Average Power (dBm)	Ant 7 Average Power (dBm)	Total Average Power (dBm)	Limit (dBm)	Result
CDD Mode (For Report Only)								
802.11b	1Mbps	01	2412	19.97	19.69	22.84	≤ 30.00	Pass
802.11b	1Mbps	06	2437	19.81	19.88	22.86	≤ 30.00	Pass
802.11b	1Mbps	11	2462	19.49	19.57	22.54	≤ 30.00	Pass
802.11g	6Mbps	01	2412	16.51	16.95	19.75	≤ 30.00	Pass
802.11g	6Mbps	02	2417	19.23	19.46	22.36	≤ 30.00	Pass
802.11g	6Mbps	06	2437	19.63	19.68	22.67	≤ 30.00	Pass
802.11g	6Mbps	10	2457	19.19	19.49	22.35	≤ 30.00	Pass
802.11g	6Mbps	11	2462	15.87	16.42	19.16	≤ 30.00	Pass
802.11n-HT20	MCS0	01	2412	17.75	17.53	20.65	≤ 30.00	Pass
802.11n-HT20	MCS0	06	2437	19.76	19.44	22.61	≤ 30.00	Pass
802.11n-HT20	MCS0	10	2457	19.58	19.98	22.79	≤ 30.00	Pass
802.11n-HT20	MCS0	11	2462	14.76	15.34	18.07	≤ 30.00	Pass
802.11n-HT40	MCS0	03	2422	15.03	15.65	18.36	≤ 30.00	Pass
802.11n-HT40	MCS0	06	2437	15.78	16.17	18.99	≤ 30.00	Pass
802.11n-HT40	MCS0	09	2452	13.45	13.99	16.74	≤ 30.00	Pass
802.11ac-VHT20	MCS0	01	2412	17.58	17.62	20.61	≤ 30.00	Pass
802.11ac-VHT20	MCS0	06	2437	19.51	19.30	22.42	≤ 30.00	Pass
802.11ac-VHT20	MCS0	10	2457	19.40	19.85	22.64	≤ 30.00	Pass
802.11ac-VHT20	MCS0	11	2462	15.09	14.97	18.04	≤ 30.00	Pass
802.11ac-VHT40	MCS0	03	2422	15.15	15.50	18.34	≤ 30.00	Pass
802.11ac-VHT40	MCS0	06	2437	15.91	15.80	18.87	≤ 30.00	Pass
802.11ac-VHT40	MCS0	09	2452	13.75	13.69	16.73	≤ 30.00	Pass
802.11be-EHT20	MCS0	01	2412	14.92	15.67	18.32	≤ 30.00	Pass
802.11be-EHT20	MCS0	02	2417	18.82	19.35	22.10	≤ 30.00	Pass
802.11be-EHT20	MCS0	06	2437	19.90	19.49	22.71	≤ 30.00	Pass
802.11be-EHT20	MCS0	10	2457	18.25	18.64	21.46	≤ 30.00	Pass
802.11be-EHT20	MCS0	11	2462	13.01	13.47	16.26	≤ 30.00	Pass
802.11be-EHT40	MCS0	03	2422	14.95	15.48	18.23	≤ 30.00	Pass
802.11be-EHT40	MCS0	06	2437	14.86	15.42	18.16	≤ 30.00	Pass
802.11be-EHT40	MCS0	09	2452	13.63	13.95	16.80	≤ 30.00	Pass

Note: Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 6 Average Power }/10)} + 10^{(\text{Ant 7 Average Power }/10)}\}$

Test Mode	RU Size	RU Index	Channel No.	Freq. (MHz)	Ant 6 Peak Power (dBm)	Ant 7 Peak Power (dBm)	Total Peak Power (dBm)	Limit (dBm)	Result
CDD Mode									
802.11be-EHT20	26 Tone	RU 0	01	2412	20.33	20.79	23.58	≤ 30.00	Pass
		RU 8	06	2437	25.61	24.89	28.28	≤ 30.00	Pass
		RU 8	11	2462	19.02	19.34	22.19	≤ 30.00	Pass
	52 Tone	RU 74	01	2412	20.66	20.98	23.83	≤ 30.00	Pass
		RU 77	06	2437	15.66	25.01	25.49	≤ 30.00	Pass
		RU 77	11	2462	19.18	19.62	22.42	≤ 30.00	Pass
	106 Tone	RU 106	01	2412	20.76	21.23	24.01	≤ 30.00	Pass
		RU 107	06	2437	26.94	26.46	29.72	≤ 30.00	Pass
		RU 107	11	2462	19.46	20.00	22.75	≤ 30.00	Pass
	242 Tone	RU 122	01	2412	23.11	21.98	25.59	≤ 30.00	Pass
		RU 122	06	2437	27.74	25.02	29.60	≤ 30.00	Pass
		RU 122	11	2462	22.11	22.36	25.25	≤ 30.00	Pass
802.11be-EHT40	26 Tone	RU 0	03	2422	20.06	20.83	23.47	≤ 30.00	Pass
		RU 17	06	2437	19.76	19.87	22.83	≤ 30.00	Pass
		RU 17	09	2452	18.35	18.72	21.55	≤ 30.00	Pass
	52 Tone	RU 74	03	2422	19.34	20.97	23.24	≤ 30.00	Pass
		RU 81	06	2437	20.52	20.69	23.62	≤ 30.00	Pass
		RU 81	09	2452	19.17	19.58	22.39	≤ 30.00	Pass
	106 Tone	RU 106	03	2422	20.77	21.56	24.19	≤ 30.00	Pass
		RU 109	06	2437	20.81	21.22	24.03	≤ 30.00	Pass
		RU 109	09	2452	19.61	19.79	22.71	≤ 30.00	Pass
	242 Tone	RU 122	03	2422	21.48	21.97	24.74	≤ 30.00	Pass
		RU 123	06	2437	21.47	21.87	24.68	≤ 30.00	Pass
		RU 123	09	2452	19.96	19.93	22.96	≤ 30.00	Pass
	484 Tone	RU 130	03	2422	23.90	23.27	26.61	≤ 30.00	Pass
		RU 130	06	2437	23.86	23.83	26.86	≤ 30.00	Pass
		RU 130	09	2452	22.56	22.78	25.68	≤ 30.00	Pass

Test Mode	RU Size	RU Index	Channel No.	Freq. (MHz)	Ant 6 Average Power (dBm)	Ant 7 Average Power (dBm)	Total Average Power (dBm)	Limit (dBm)	Result
CDD Mode (For Report Only)									
802.11be-EHT20	26 Tone	RU 0	01	2412	15.09	15.41	18.26	≤ 30.00	Pass
		RU 8	06	2437	19.87	19.47	22.68	≤ 30.00	Pass
		RU 8	11	2462	13.45	13.48	16.48	≤ 30.00	Pass
	52 Tone	RU 74	01	2412	14.97	15.34	18.17	≤ 30.00	Pass
		RU 77	06	2437	19.88	19.43	22.67	≤ 30.00	Pass
		RU 77	11	2462	13.29	13.48	16.40	≤ 30.00	Pass
	106 Tone	RU 106	01	2412	14.84	15.27	18.07	≤ 30.00	Pass
		RU 107	06	2437	18.51	18.04	21.29	≤ 30.00	Pass
		RU 107	11	2462	13.47	13.45	16.47	≤ 30.00	Pass
	242 Tone	RU 122	01	2412	14.88	15.39	18.15	≤ 30.00	Pass
		RU 122	06	2437	19.58	18.78	22.21	≤ 30.00	Pass
		RU 122	11	2462	13.24	13.43	16.35	≤ 30.00	Pass
802.11be-EHT40	26 Tone	RU 0	03	2422	14.76	15.48	18.15	≤ 30.00	Pass
		RU 17	06	2437	14.69	14.88	17.80	≤ 30.00	Pass
		RU 17	09	2452	13.33	13.50	16.43	≤ 30.00	Pass
	52 Tone	RU 74	03	2422	14.62	15.20	17.93	≤ 30.00	Pass
		RU 81	06	2437	14.99	15.05	18.03	≤ 30.00	Pass
		RU 81	09	2452	13.30	13.42	16.37	≤ 30.00	Pass
	106 Tone	RU 106	03	2422	14.55	15.25	17.92	≤ 30.00	Pass
		RU 109	06	2437	14.76	14.79	17.79	≤ 30.00	Pass
		RU 109	09	2452	13.45	13.44	16.46	≤ 30.00	Pass
	242 Tone	RU 122	03	2422	14.53	14.93	17.74	≤ 30.00	Pass
		RU 123	06	2437	14.90	15.07	18.00	≤ 30.00	Pass
		RU 123	09	2452	13.28	13.37	16.34	≤ 30.00	Pass
	484 Tone	RU 130	03	2422	14.67	15.16	17.93	≤ 30.00	Pass
		RU 130	06	2437	14.58	14.73	17.67	≤ 30.00	Pass
		RU 130	09	2452	13.53	13.45	16.50	≤ 30.00	Pass

Test Mode	RU Size	RU Index	Channel No.	Freq. (MHz)	Ant 6 Peak Power (dBm)	Ant 7 Peak Power (dBm)	Total Peak Power (dBm)	Limit (dBm)	Result
CDD Mode									
802.11be-EHT20	52+26 Tone	MRU 1	1	2412	21	21.02	24.02	≤ 30.00	Pass
		MRU 1	6	2437	25.21	25.08	28.16	≤ 30.00	Pass
		MRU 2	6	2437	25.41	25.77	28.60	≤ 30.00	Pass
		MRU 3	6	2437	24.93	25.33	28.14	≤ 30.00	Pass
		MRU 3	11	2462	19.16	19.42	22.30	≤ 30.00	Pass
	106+26 Tone	MRU 1	1	2412	21.24	21.63	24.45	≤ 30.00	Pass
		MRU 1	6	2437	24.86	25.36	28.13	≤ 30.00	Pass
		MRU2	6	2437	25.43	26	28.73	≤ 30.00	Pass
		MRU 2	11	2462	19.51	19.43	22.48	≤ 30.00	Pass

Test Mode	RU Size	RU Index	Channel No.	Freq. (MHz)	Ant 6 Average Power (dBm)	Ant 7 Average Power (dBm)	Total Average Power (dBm)	Limit (dBm)	Result
CDD Mode (For Report Only)									
802.11be-EHT20	52+26 Tone	MRU 1	1	2412	15.12	15.26	18.20	≤ 30.00	Pass
		MRU 1	6	2437	19.28	18.98	22.14	≤ 30.00	Pass
		MRU 2	6	2437	19.19	19.12	22.17	≤ 30.00	Pass
		MRU 3	6	2437	19.09	19.13	22.12	≤ 30.00	Pass
		MRU 3	11	2462	13.19	13.32	16.27	≤ 30.00	Pass
	106+26 Tone	MRU 1	1	2412	14.98	15.33	18.17	≤ 30.00	Pass
		MRU 1	6	2437	18.92	19.1	22.02	≤ 30.00	Pass
		MRU2	6	2437	19.12	19.43	22.29	≤ 30.00	Pass
		MRU 2	11	2462	13.28	13.25	16.28	≤ 30.00	Pass

7.4. Power Spectral Density Measurement

7.4.1.Test Limit

The maximum permissible power spectral density is 8dBm in any 3 kHz band.

The same method of determining the conducted output power shall be used to determine the power spectral density.

7.4.2.Test Procedure Used

ANSI C63.10 - 2013 Section 11.10.5

7.4.3.Test Setting

This procedure shall be used if maximum peak conducted output power was used to demonstrate compliance, and is optional if the maximum conducted (average) output power was used to demonstrate compliance.

a) Set analyzer center frequency to DTS channel center frequency.

b) Set the span to 1.5 times the DTS bandwidth.

c) Set the RBW to: 3 kHz.

d) Set the VBW ≥ 3* RBW.

e) Detector = peak.

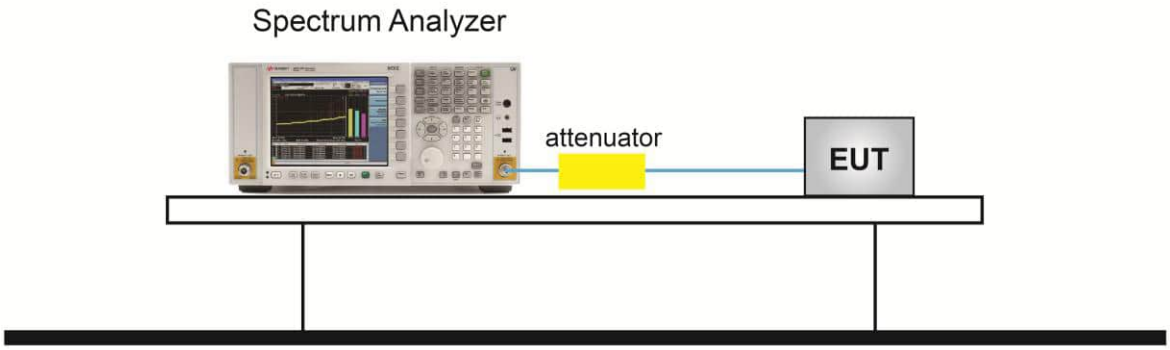
f) Sweep time = auto couple.

g) Trace mode = max hold.

h) Allow trace to fully stabilize.

i) Use the peak marker function to determine the maximum amplitude level within the RBW.

7.4.4.Test Setup



7.4.5.Test Result

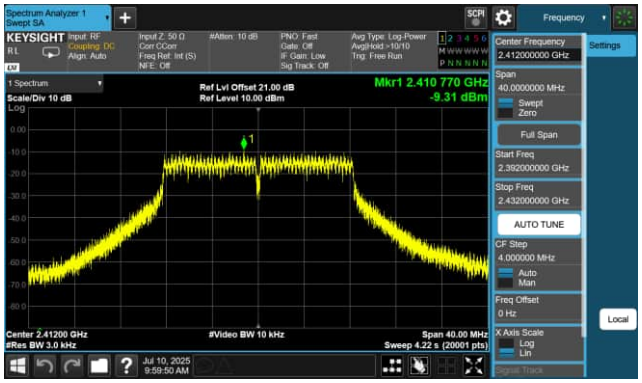
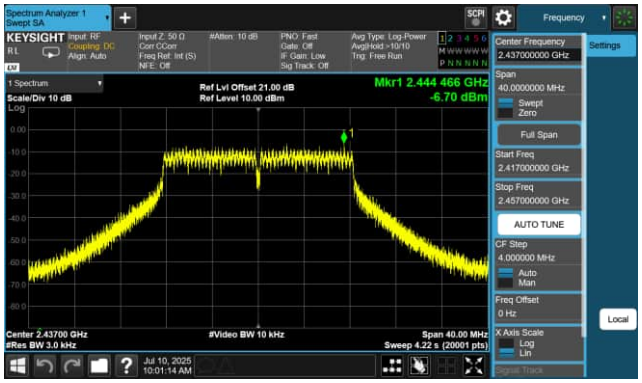
Product	Mobile Computer	Temperature	25°C
Test Engineer	Wen	Relative Humidity	54%
Test Site	SR6	Test Date	2025/7/10~2025/7/24

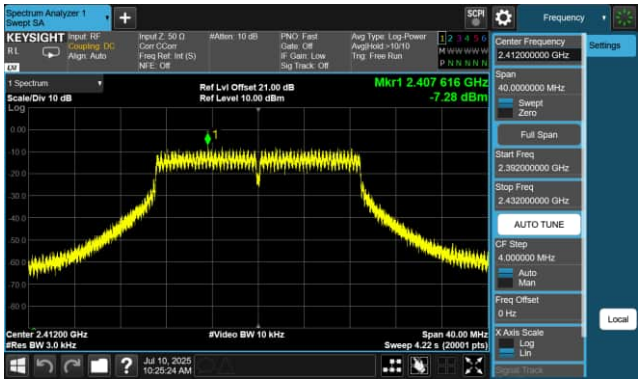
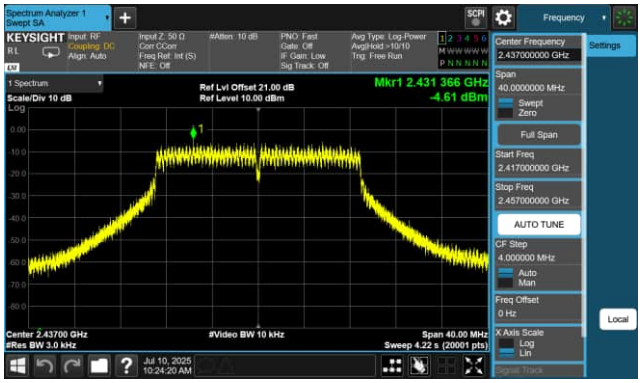
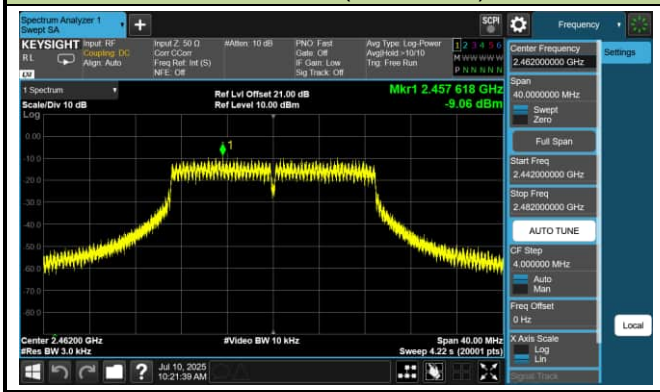
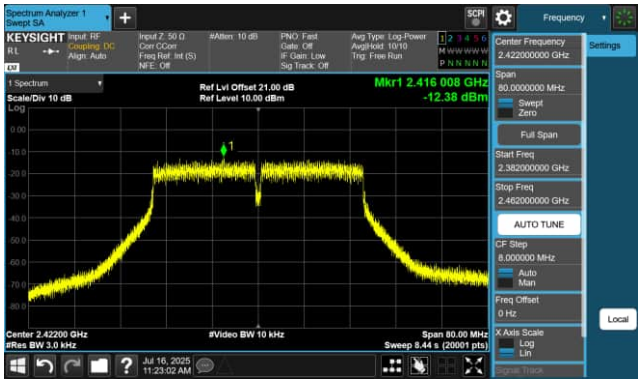
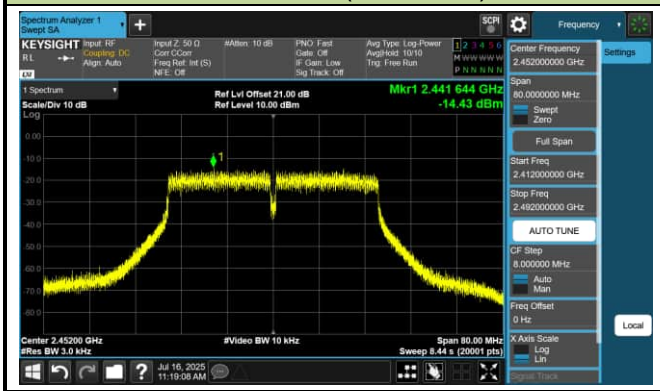
Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 6 PSD (dBm/ 3kHz)	Ant 7 PSD (dBm/ 3kHz)	Total PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Result
CDD mode								
802.11b	1Mbps	01	2412	-3.46	-3.33	-0.384	≤ 8.00	Pass
802.11b	1Mbps	06	2437	-4.77	-3.48	-1.067	≤ 8.00	Pass
802.11b	1Mbps	11	2462	-2.39	-2.32	0.655	≤ 8.00	Pass
802.11g	6Mbps	01	2412	-9.31	-8.48	-5.865	≤ 8.00	Pass
802.11g	6Mbps	06	2437	-6.70	-6.81	-3.744	≤ 8.00	Pass
802.11g	6Mbps	11	2462	-9.49	-9.69	-6.579	≤ 8.00	Pass
802.11n-HT20	MCS0	01	2412	-7.28	-6.39	-3.802	≤ 8.00	Pass
802.11n-HT20	MCS0	06	2437	-4.61	-4.77	-1.679	≤ 8.00	Pass
802.11n-HT20	MCS0	11	2462	-9.06	-9.01	-6.025	≤ 8.00	Pass
802.11n-HT40	MCS0	03	2422	-12.38	-12.70	-9.527	≤ 8.00	Pass
802.11n-HT40	MCS0	06	2437	-11.76	-11.25	-8.487	≤ 8.00	Pass
802.11n-HT40	MCS0	09	2452	-14.43	-14.62	-11.514	≤ 8.00	Pass
802.11be-EHT20	MCS0	01	2412	-9.99	-11.12	-7.508	≤ 8.00	Pass
802.11be-EHT20	MCS0	06	2437	-6.22	-6.20	-3.200	≤ 8.00	Pass
802.11be-EHT20	MCS0	11	2462	-10.53	-10.01	-7.252	≤ 8.00	Pass
802.11be-EHT40	MCS0	03	2422	-12.96	-13.24	-10.087	≤ 8.00	Pass
802.11be-EHT40	MCS0	06	2437	-12.02	-14.03	-9.899	≤ 8.00	Pass
802.11be-EHT40	MCS0	09	2452	-14.80	-14.90	-11.839	≤ 8.00	Pass

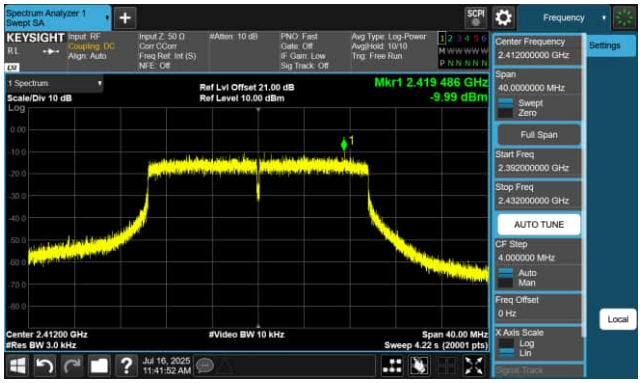
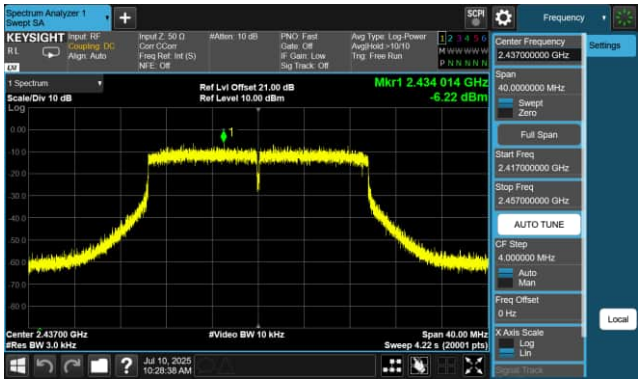
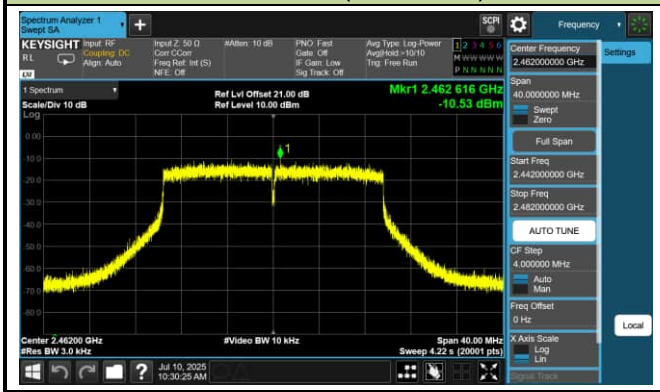
Test Mode	RU Size	RU Index	Channel No.	Freq. (MHz)	Ant 6 PSD (dBm/ 3kHz)	Ant 7 PSD (dBm/ 3kHz)	Total PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Result
CDD mode									
802.11be-EHT20	26 Tone	RU 0	01	2412	-2.400	-1.790	0.926	≤ 8.00	Pass
		RU 8	06	2437	2.540	3.230	5.909	≤ 8.00	Pass
		RU 8	11	2462	-2.930	-0.800	1.275	≤ 8.00	Pass
	52 Tone	RU 74	01	2412	-4.130	-4.730	-1.409	≤ 8.00	Pass
		RU 77	06	2437	-1.210	-0.640	2.095	≤ 8.00	Pass
		RU 77	11	2462	-6.190	-5.710	-2.933	≤ 8.00	Pass
	106 Tone	RU 106	01	2412	-8.370	-8.470	-5.409	≤ 8.00	Pass
		RU 107	06	2437	-7.250	-5.950	-3.541	≤ 8.00	Pass
		RU 107	11	2462	-9.770	-9.550	-6.648	≤ 8.00	Pass
	242 Tone	RU 122	01	2412	-13.020	-12.920	-9.959	≤ 8.00	Pass
		RU 122	06	2437	-8.280	-7.600	-4.916	≤ 8.00	Pass
		RU 122	11	2462	-14.610	-13.610	-11.071	≤ 8.00	Pass

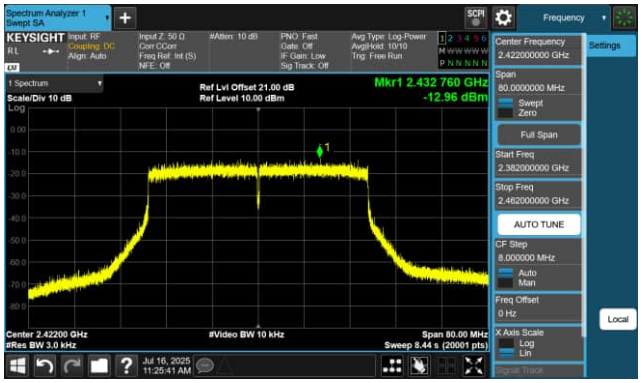
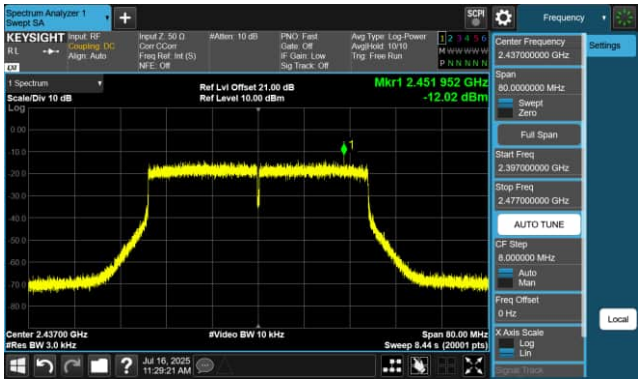
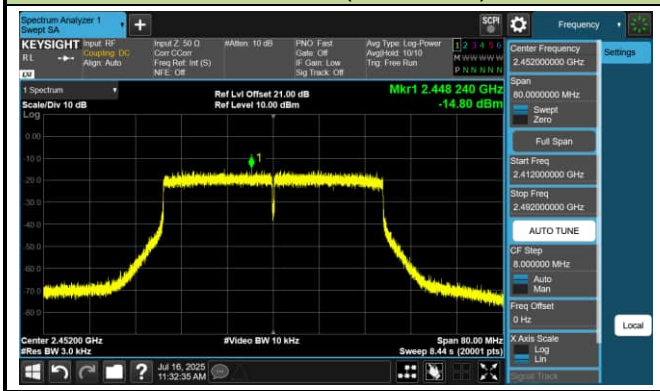
Test Mode	RU Size	RU Index	Channel No.	Freq. (MHz)	Ant 6 PSD (dBm/ 3kHz)	Ant 7 PSD (dBm/ 3kHz)	Total PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Result
CDD mode									
802.11be-EHT20	52+26 Tone	MRU1	01	2412	-6.870	-6.540	-3.692	≤ 8.00	Pass
		MRU2	06	2437	-6.380	-6.500	-3.429	≤ 8.00	Pass
		MRU3	11	2462	-7.140	-6.390	-3.739	≤ 8.00	Pass
	106+26 Tone	MRU1	01	2412	-6.800	-7.010	-3.893	≤ 8.00	Pass
		MRU2	06	2437	-6.660	-5.920	-3.264	≤ 8.00	Pass

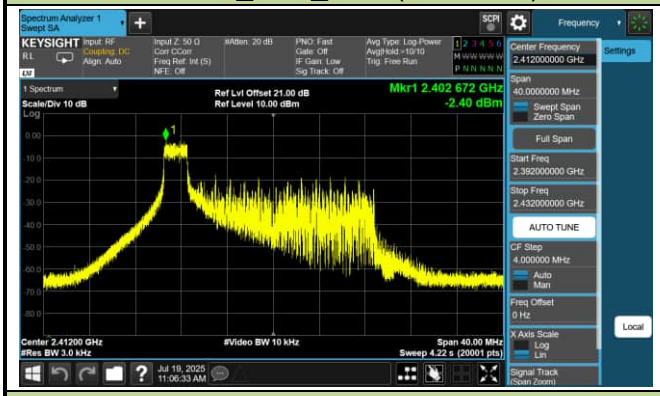
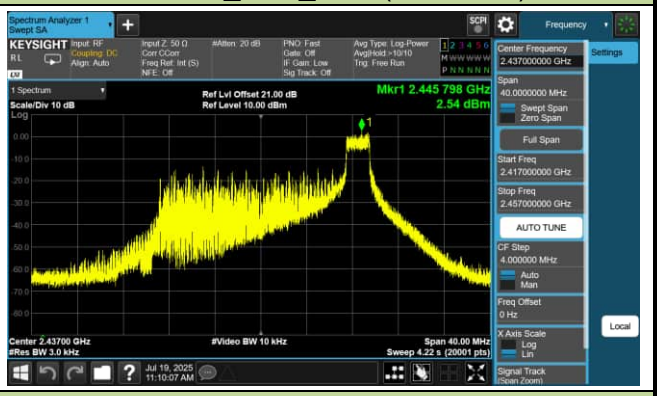
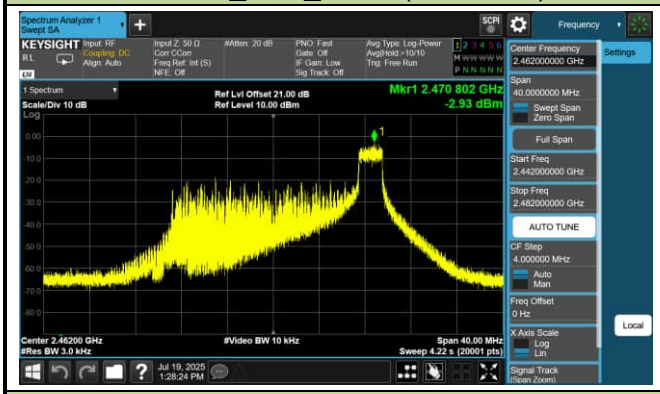
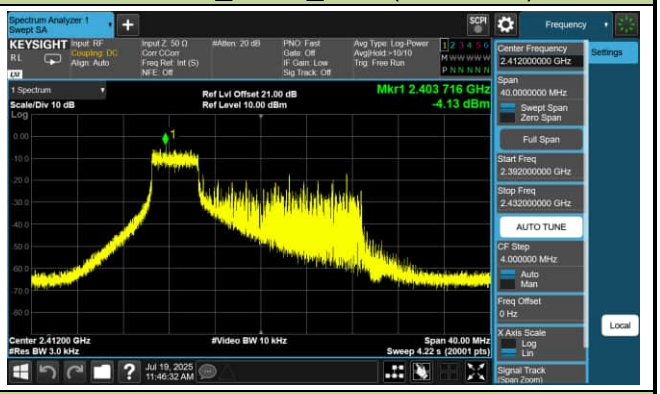
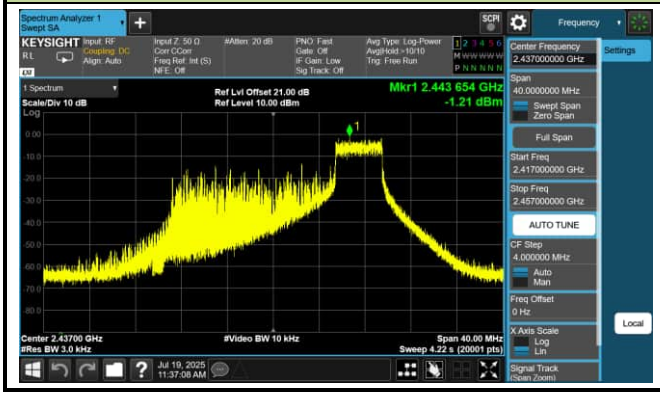
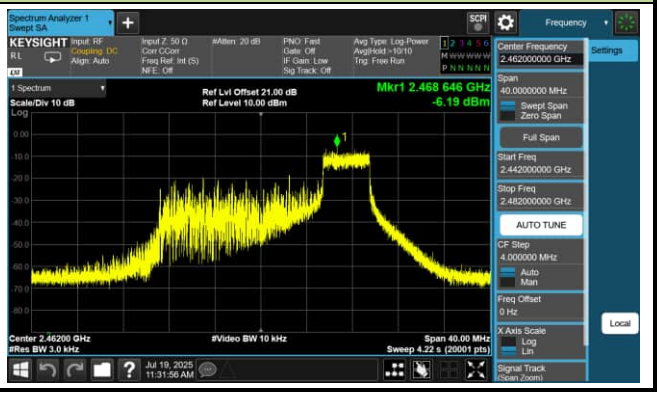
802.11b PSD - Ant 6 - CDD Mode	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

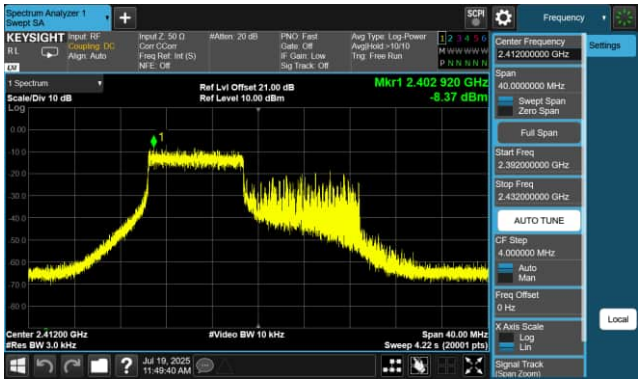
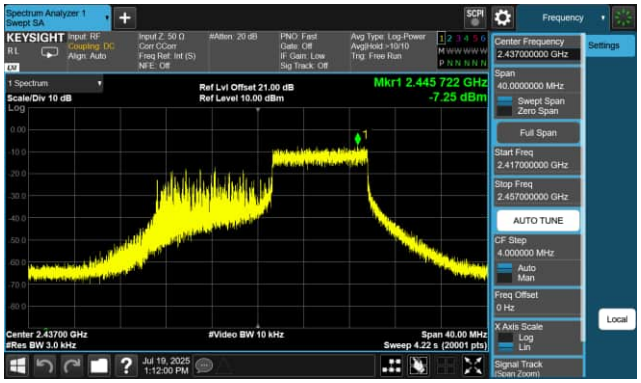
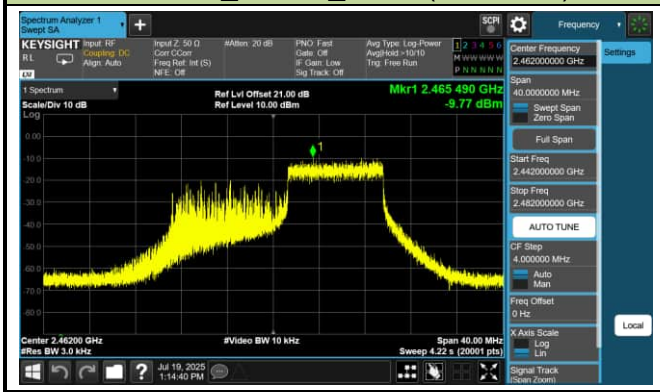
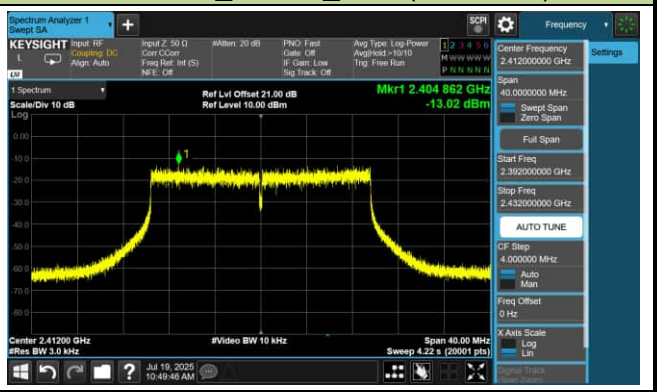
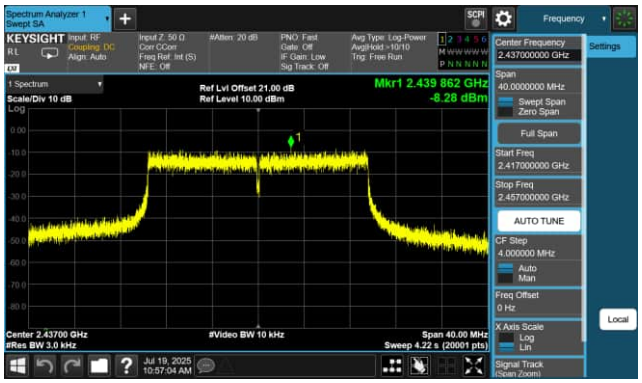
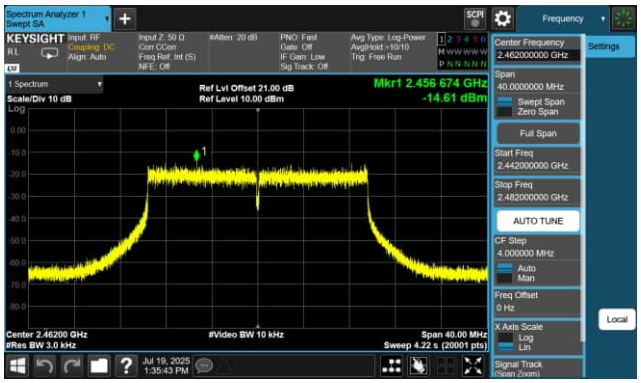
802.11g PSD - Ant 6 - CDD Mode	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

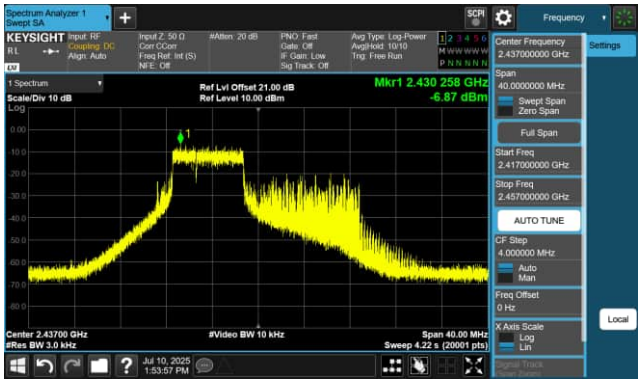
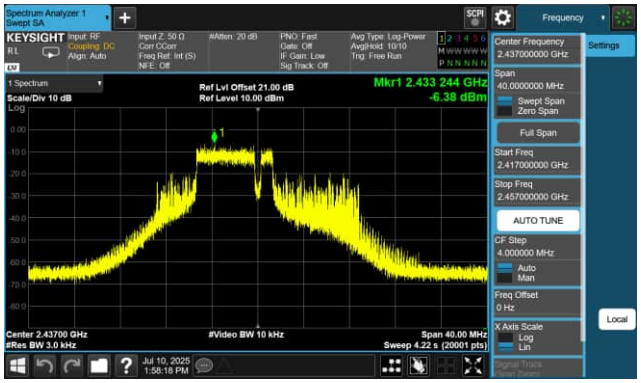
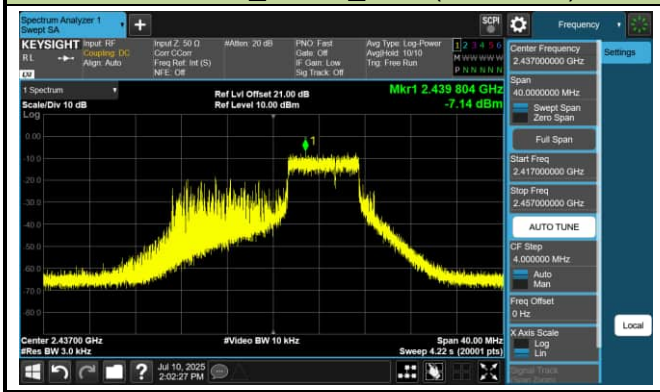
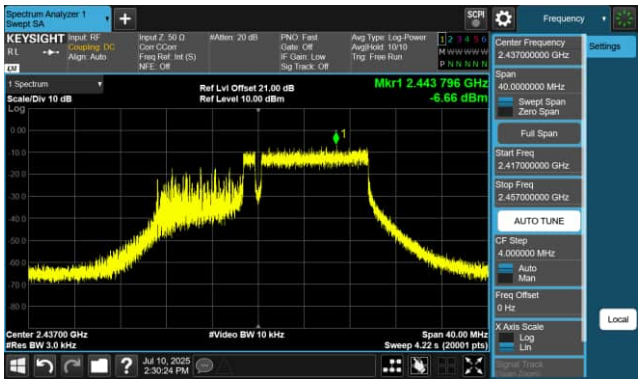
802.11n-HT20 PSD - Ant 6 - CDD Mode	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	
802.11n-HT40 PSD - Ant 6 - CDD Mode	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	
	

802.11be-EHT20 PSD - Ant 6 - CDD Mode	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

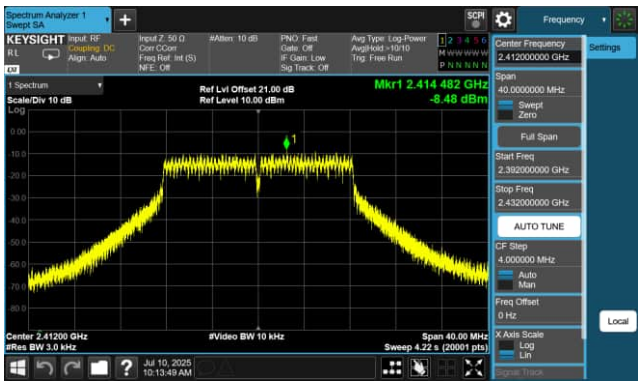
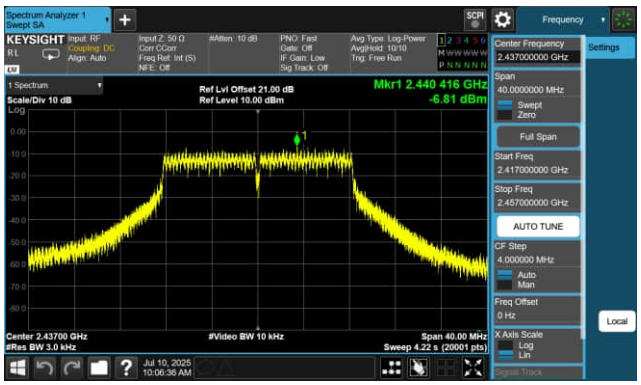
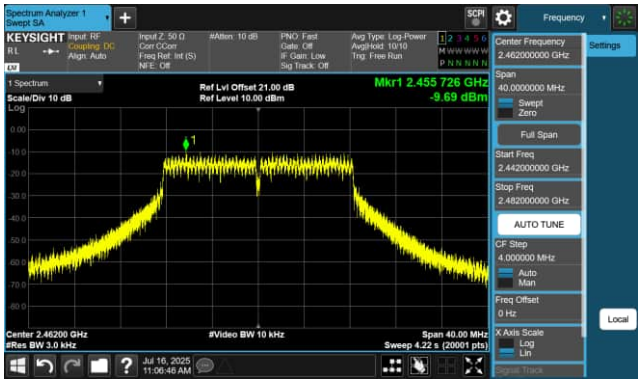
802.11be-EHT40 PSD - Ant 6 - CDD Mode	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	
	

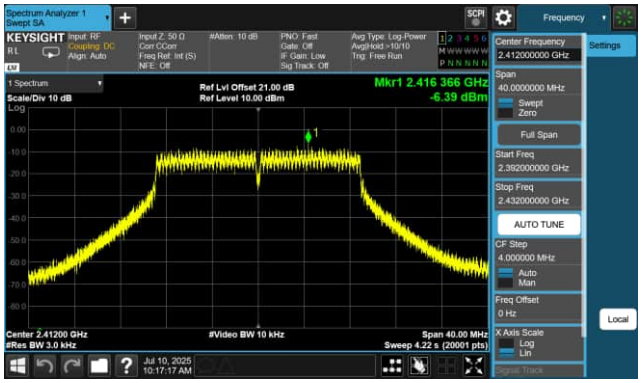
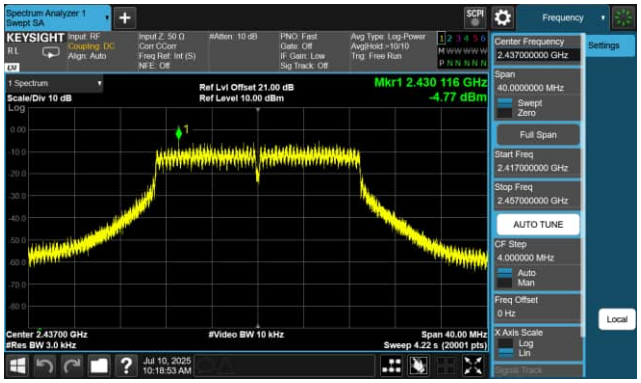
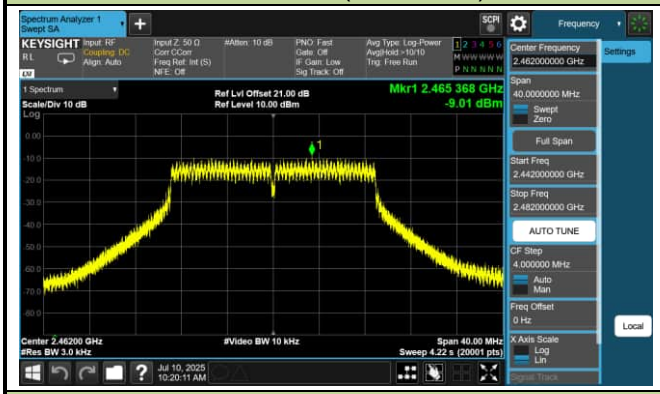
802.11 be-EHT20 PSD - Ant 6	
26 Tone_RU0_CH1 (2412MHz)	26 Tone_RU8_CH6 (2437MHz)
	
26 Tone_RU8_CH11 (2462MHz)	52 Tone_RU74_CH1 (2412MHz)
	
52 Tone_RU77_CH6 (2437MHz)	52 Tone_RU77_CH11 (2462MHz)
	

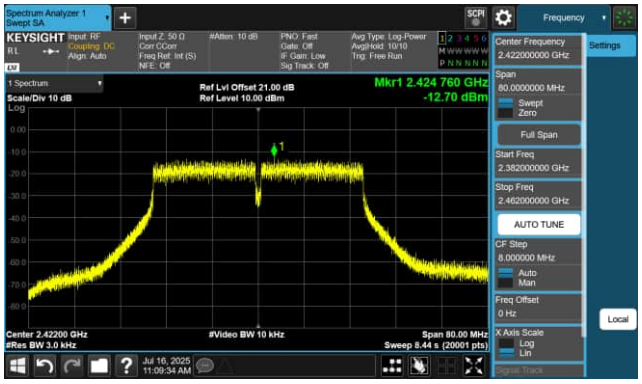
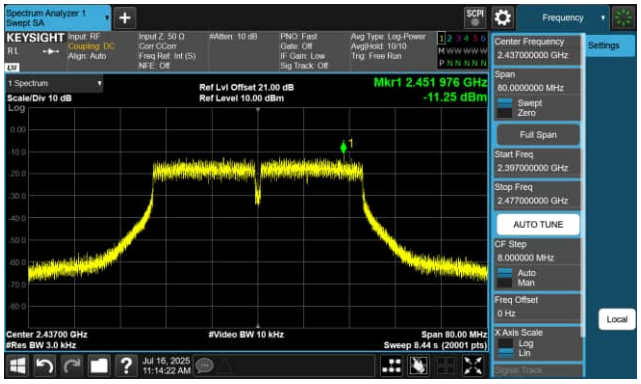
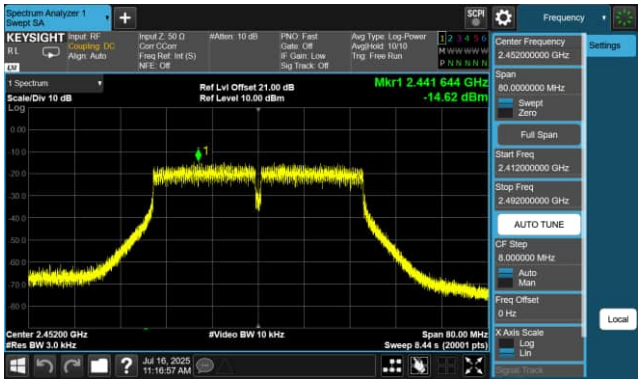
802.11 be-EHT20 PSD - Ant 6	
106 Tone_RU106_CH1 (2412MHz)	106 Tone_RU107_CH6 (2437MHz)
	
106 Tone_RU107_CH11 (2462MHz)	242 Tone_RU122_CH1 (2412MHz)
	
242 Tone_RU122_CH6 (2437MHz)	242 Tone_RU122_CH11 (2462MHz)
	

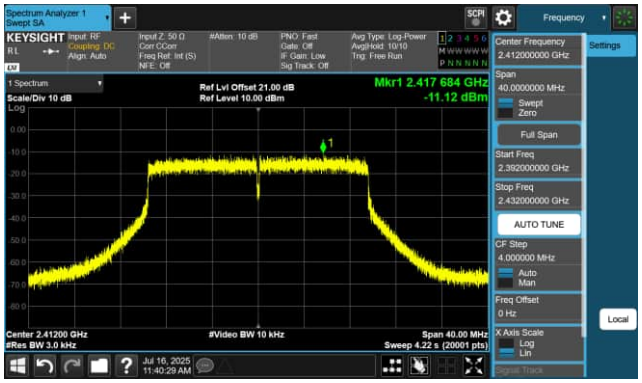
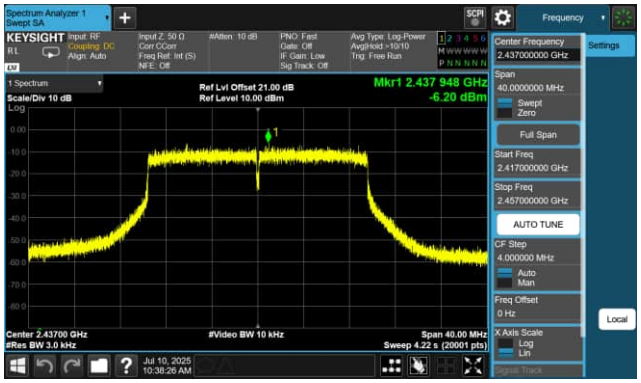
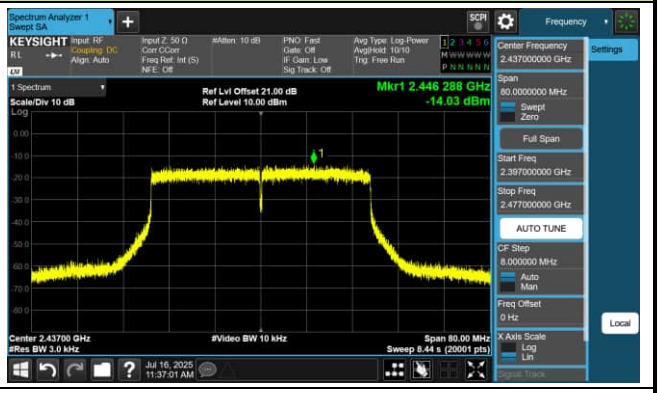
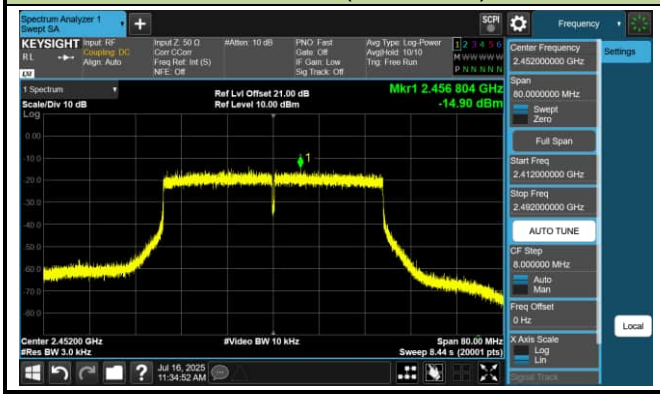
802.11be-EHT20 PSD - Ant 6	
52+26 Tone_MRU1_CH6 (2437MHz)	52+26 Tone_MRU2_CH6 (2437MHz)
	
52+26 Tone_MRU3_CH6 (2437MHz)	106+26 Tone_MRU1_CH6 (2437MHz)
	
106+26 Tone_MRU2_CH6 (2437MHz)	--
	--

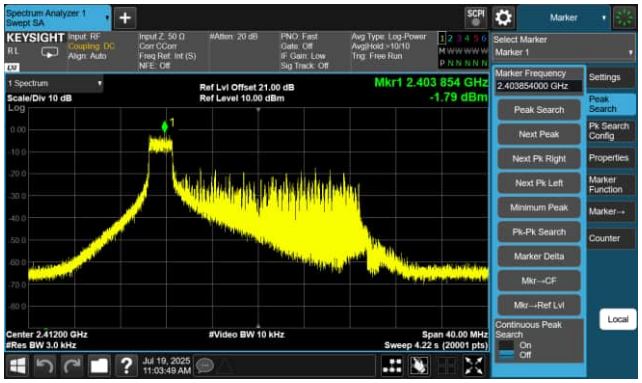
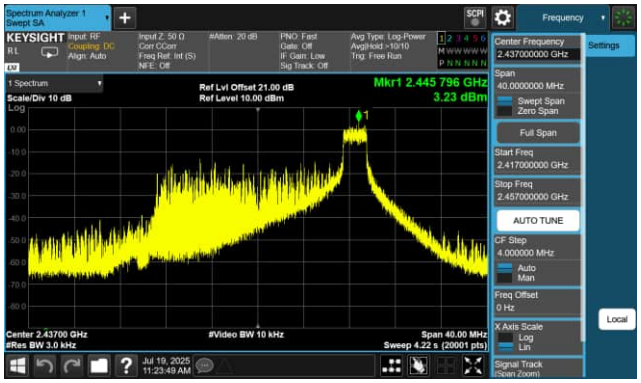
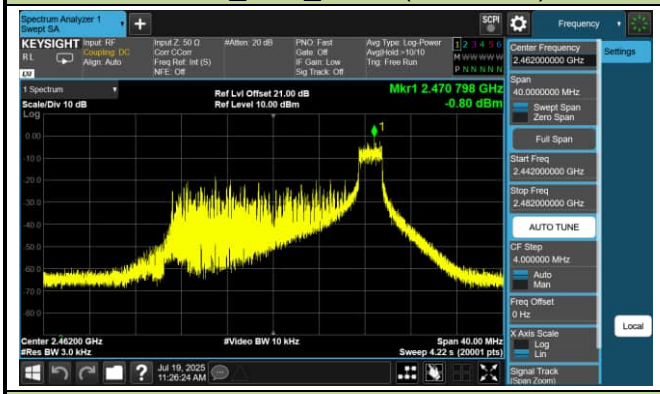
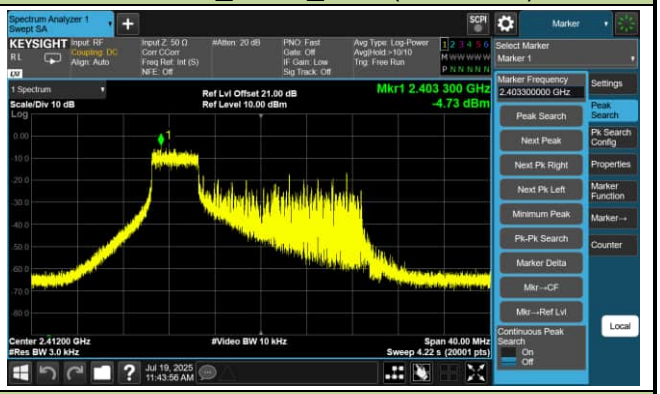
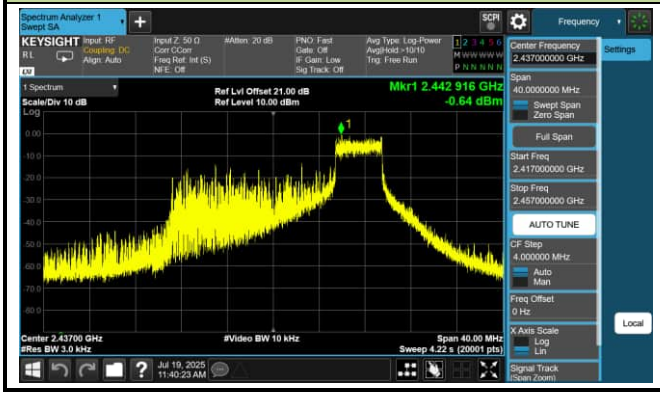
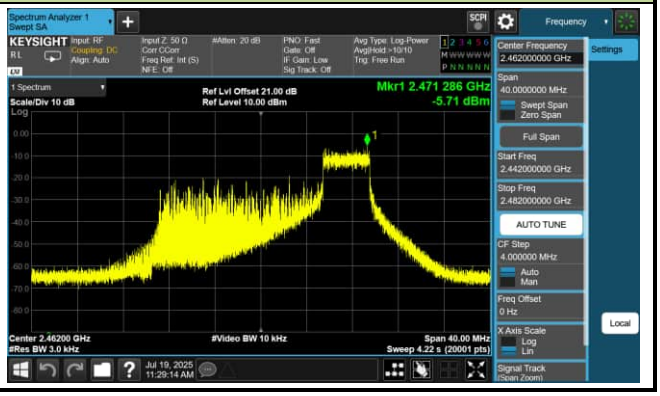
802.11b PSD - Ant 7 - CDD Mode	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

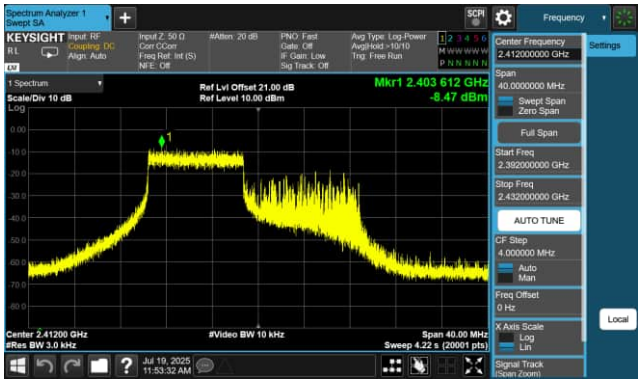
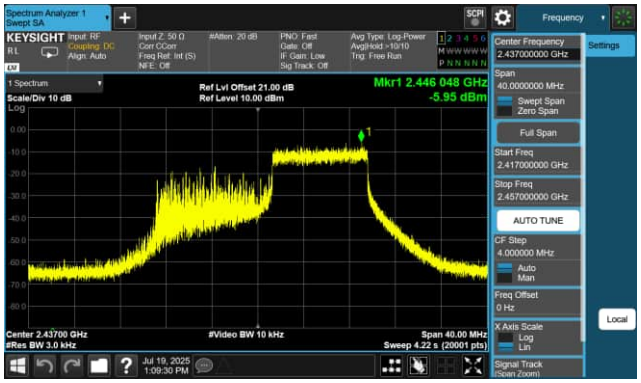
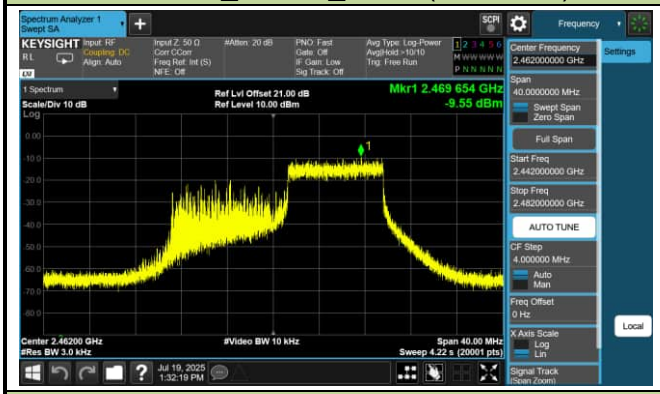
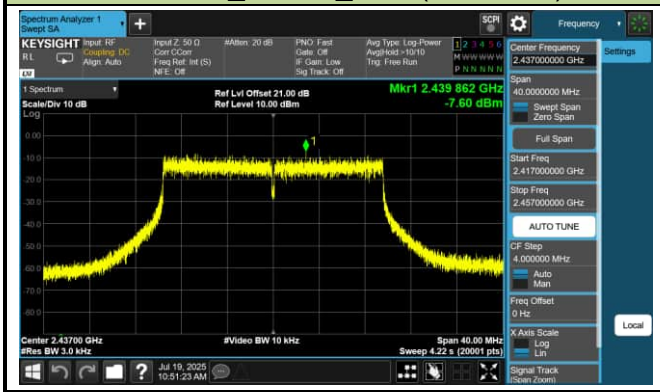
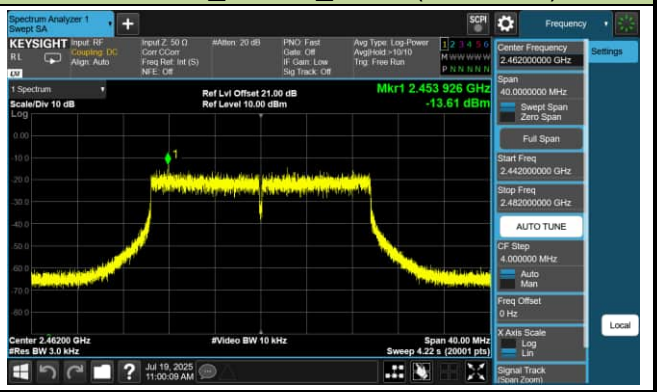
802.11g PSD - Ant 7 - CDD Mode	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

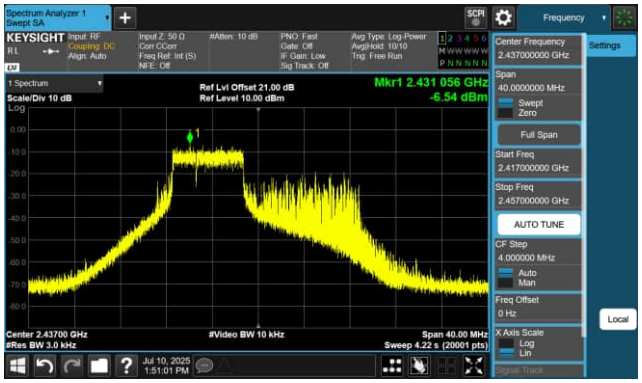
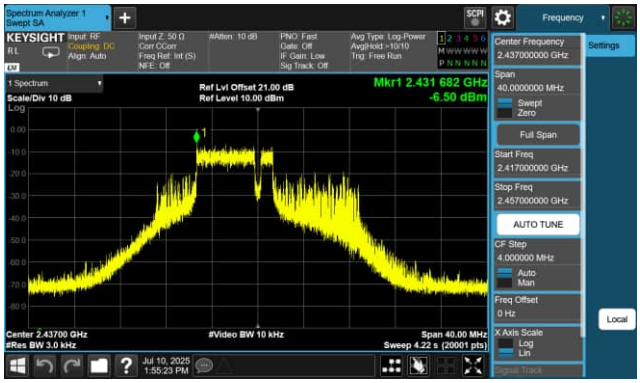
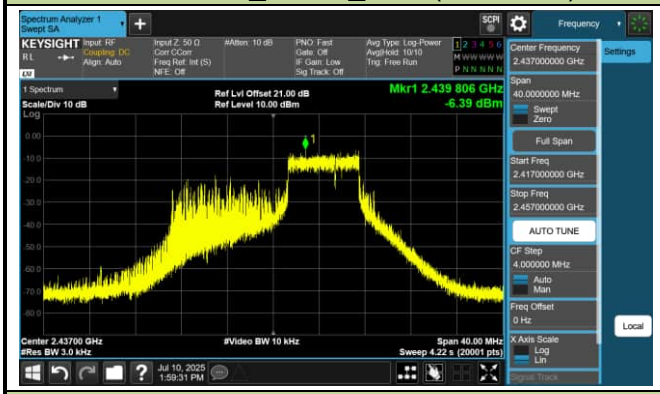
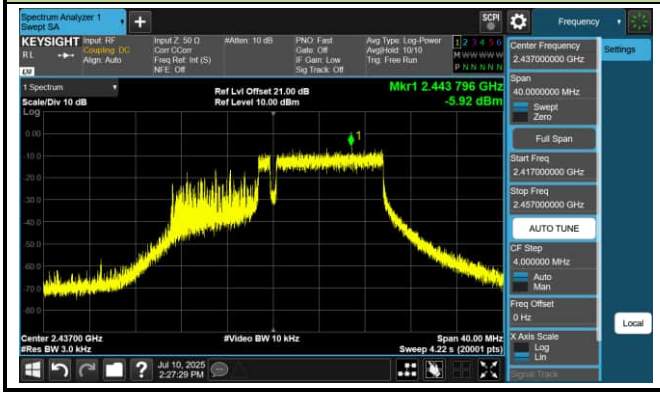
802.11n-HT20 PSD - Ant 7 - CDD Mode	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

802.11n-HT40 PSD - Ant 7 - CDD Mode	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	
	

802.11be-EHT20 PSD - Ant 7 - CDD Mode	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	
802.11be-EHT40 PSD - Ant 7 - CDD Mode	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	
	

802.11be-EHT20 PSD - Ant 7	
26 Tone_RU0_CH1 (2412MHz)	26 Tone_RU8_CH6 (2437MHz)
	
26 Tone_RU8_CH11 (2462MHz)	52 Tone_RU74_CH1 (2412MHz)
	
52 Tone_RU7_CH6 (2437MHz)	52 Tone_RU77_CH11 (2462MHz)
	

802.11be-EHT20 PSD - Ant 7	
106 Tone_RU106_CH1 (2412MHz)	106 Tone_RU107_CH6 (2437MHz)
	
106 Tone_RU107_CH11 (2462MHz)	242 Tone_RU122_CH1 (2412MHz)
	
242 Tone_RU122_CH6 (2437MHz)	242 Tone_RU122_CH11 (2462MHz)
	

802.11be-EHT20 PSD - Ant 7	
52+26 Tone_MRU1_CH6 (2437MHz)	52+26 Tone_MRU2_CH6 (2437MHz)
	
52+26 Tone_MRU3_CH6 (2437MHz)	106+26 Tone_MRU1_CH6 (2437MHz)
	
106+26 Tone_MRU2_CH6 (2437MHz)	
	

7.5. Conducted Band Edge and Out-of-Band Emissions

7.5.1.Test Limit

The limit for out-of-band spurious emissions at the band edge is 30dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100 kHz bandwidth per the PSD procedure.

7.5.2.Test Procedure Used

ANSI C63.10 - 2013 Section 11.11

7.5.3.Test Setting

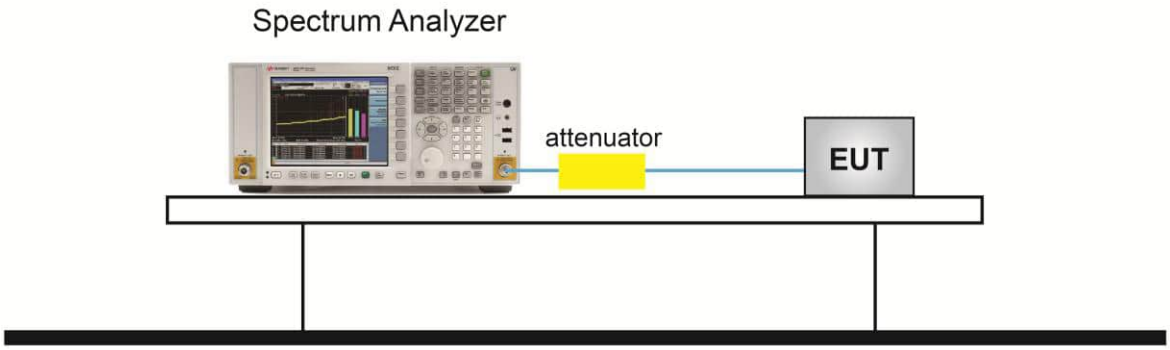
Reference level measurement

1. Set instrument center frequency to DTS channel center frequency
2. Set the span to ≥ 1.5 times the DTS bandwidth
3. Set the RBW = 100 kHz
4. Set the VBW ≥ 3 x RBW
5. Detector = peak
6. Sweep time = auto couple
7. Trace mode = max hold
8. Allow trace to fully stabilize

Emission level measurement

1. Set the center frequency and span to encompass frequency range to be measured
2. RBW = 100kHz
3. VBW = 300kHz
4. Detector = Peak
5. Trace mode = max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize

7.5.4.Test Setup



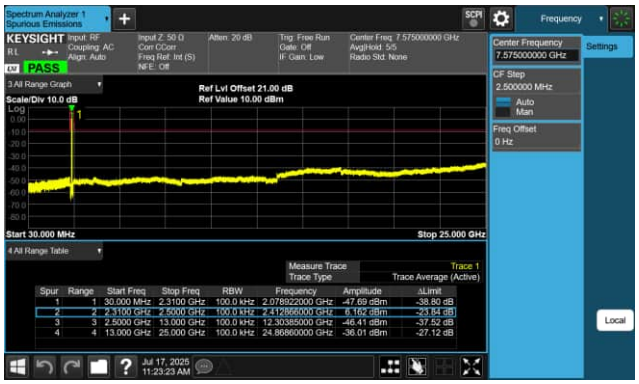
7.5.5.Test Result

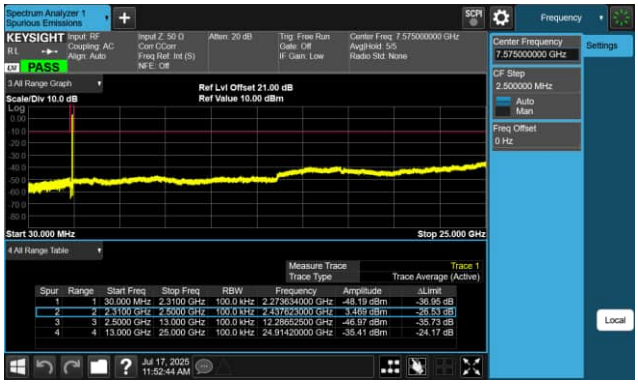
Product	Mobile Computer	Temperature	25°C
Test Engineer	Marvin	Relative Humidity	54%
Test Site	SR6	Test Date	2025/7/10~2025/7/19

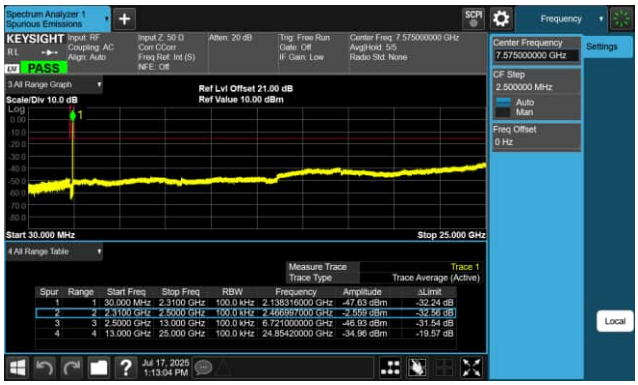
Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	Limit (dBc)	Result
802.11b	1Mbps	01	2412	20	Pass
802.11b	1Mbps	06	2437	20	Pass
802.11b	1Mbps	11	2462	20	Pass
802.11g	6Mbps	01	2412	20	Pass
802.11g	6Mbps	06	2437	20	Pass
802.11g	6Mbps	11	2462	20	Pass
802.11n-HT20	MCS0	01	2412	20	Pass
802.11n-HT20	MCS0	06	2437	20	Pass
802.11n-HT20	MCS0	11	2462	20	Pass
802.11n-HT40	MCS0	03	2422	20	Pass
802.11n-HT40	MCS0	06	2437	20	Pass
802.11n-HT40	MCS0	09	2452	20	Pass
802.11be-EHT20	MCS0	01	2412	20	Pass
802.11be-EHT20	MCS0	06	2437	20	Pass
802.11be-EHT20	MCS0	11	2462	20	Pass
802.11be-EHT40	MCS0	03	2422	20	Pass
802.11be-EHT40	MCS0	06	2437	20	Pass
802.11be-EHT40	MCS0	09	2452	20	Pass

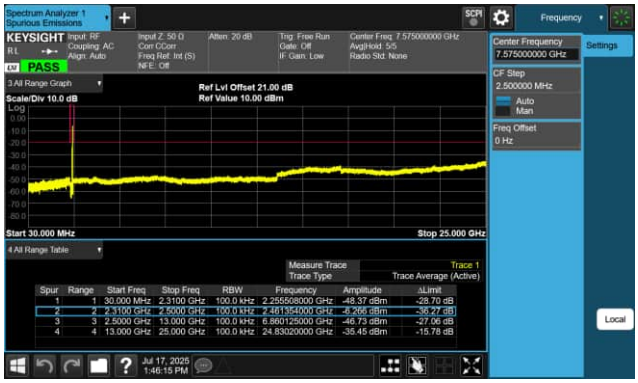
Test Mode	RU Size	RU Index	Channel No.	Freq. (MHz)	Limit (dBc)	Result
CDD mode						
802.11be-EHT20	26 Tone	RU 0	1	2412	20	Pass
		RU 8	11	2462	20	Pass
	52 Tone	RU 74	1	2412	20	Pass
		RU 77	11	2462	20	Pass
	106 Tone	RU 106	1	2412	20	Pass
		RU 107	11	2462	20	Pass
	242 Tone	RU 122	1	2412	20	Pass
		RU 122	11	2462	20	Pass

Test Mode	RU Size	RU Index	Channel No.	Freq. (MHz)	Limit (dBc)	Result
CDD mode						
802.11be-EHT20	52+26 Tone	MRU2	6	2437	20	Pass
	106+26 Tone	MRU2	6	2437	20	Pass

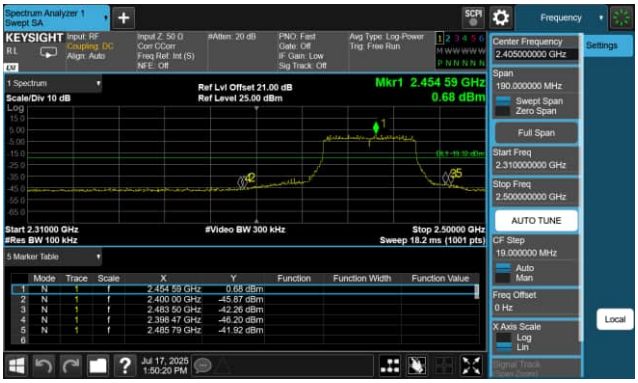
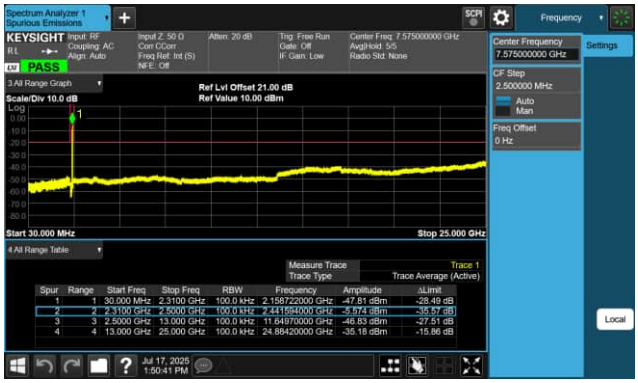
Ant 6	
802.11 b CH01 (2412MHz)	**802.11 b CH01 (2412MHz)**
	
802.11 b CH06 (2437MHz)	**802.11 b CH06 (2437MHz)**
	
802.11 b CH11 (2462MHz)	**802.11 b CH11 (2462MHz)**
	

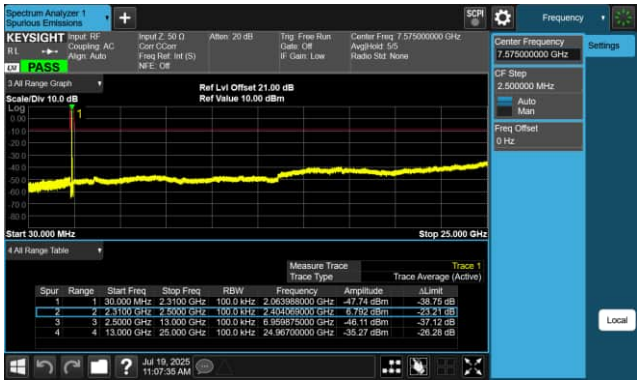
802.11 g CH01 (2412MHz)	802.11 g CH01 (2412MHz)
	
802.11 g CH06 (2437MHz)	**802.11 g CH06 (2437MHz)**
	
802.11 g CH11 (2462MHz)	**802.11 g CH11 (2462MHz)**
	

802.11 n20 CH01 (2412MHz)	802.11 n20 CH01 (2412MHz)
	
802.11 n20 CH06 (2437MHz)	**802.11 n20 CH06 (2437MHz)**
	
802.11 n20 CH11 (2462MHz)	**802.11 n20 CH11 (2462MHz)**
	

802.11 n40 CH03 (2422MHz)	802.11 n40 CH03 (2422MHz)
	
802.11 n40 CH06 (2437MHz)	**802.11 n40 CH06 (2437MHz)**
	
802.11 n40 CH09 (2452MHz)	**802.11 n40 CH09 (2452MHz)**
	

802.11 be20 CH01 (2412MHz)	802.11 be20 CH01 (2412MHz)
	
802.11 be20 CH06 (2437MHz)	**802.11 be20 CH06 (2437MHz)**
	
802.11 be20 CH11 (2462MHz)	**802.11 be20 CH11 (2462MHz)**
	

802.11 be40 CH03 (2422MHz)	802.11 be40 CH03 (2422MHz)
	
802.11 be40 CH06 (2437MHz)	**802.11 be40 CH06 (2437MHz)**
	
802.11 be40 CH09 (2452MHz)	**802.11 be40 CH09 (2452MHz)**
	

802.11be-EHT20_26 Tone_RU0 CH01(2412MHz)	802.11be-EHT20_26 Tone_RU0 CH01(2412MHz)
	
802.11be-EHT20_26 Tone_RU8 CH11(2462MHz)	**802.11be-EHT20_26 Tone_RU8 CH11(2462MHz)**
	
802.11be-EHT20_52 Tone_RU74 CH01(2412MHz)	**802.11be-EHT20_52 Tone_RU74 CH01(2412MHz)**