FCC RF Test Report

APPLICANT	:	vivo Mobile Communication Co., Ltd.
EQUIPMENT	:	Mobile Phone
BRAND NAME	:	vivo
MODEL NAME	:	V2529
FCC ID	:	2AUCY-V2529
STANDARD	:	FCC Part 15 Subpart C §15.247
CLASSIFICATION	:	(DTS) Digital Transmission System
TEST DATE(S)	:	Jul. 25, 2025 ~ Aug. 18, 2025

We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (ShenZhen), the test report shall not be reproduced except in full.

Fly Liang

Approved by: Fly Liang

ACCREDITED
Cert #5145.01

Sporton International Inc. (ShenZhen)

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055

People's Republic of China

TABLE OF CONTENTS

REVISION HISTORY **3**
SUMMARY OF TEST RESULT **4**
1 GENERAL DESCRIPTION **5**
1.1 Applicant 5
1.2 Manufacturer 5
1.3 Product Feature of Equipment Under Test 5
1.4 Product Specification of Equipment Under Test 6
1.5 Modification of EUT 6
1.6 Testing Location 7
1.7 Test Software 7
1.8 Applicable Standards 7
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST **8**
2.1 Carrier Frequency and Channel 8
2.2 Test Mode 9
2.3 Connection Diagram of Test System 10
2.4 Support Unit used in test configuration and system 11
2.5 EUT Operation Test Setup 11
2.6 Measurement Results Explanation Example 11
3 TEST RESULT **12**
3.1 6dB and 99% Bandwidth Measurement 12
3.2 Output Power Measurement 14
3.3 Power Spectral Density Measurement 15
3.4 Conducted Band Edges and Spurious Emission Measurement 17
3.5 Radiated Band Edges and Spurious Emission Measurement 36
3.6 AC Conducted Emission Measurement 40
3.7 Antenna Requirements 42
4 LIST OF MEASURING EQUIPMENT **43**
5 MEASUREMENT UNCERTAINTY **44**
APPENDIX A. CONDUCTED TEST RESULTS
APPENDIX B. AC CONDUCTED EMISSION TEST RESULT
APPENDIX C. RADIATED SPURIOUS EMISSION
APPENDIX D. DUTY CYCLE PLOTS
APPENDIX E. SETUP PHOTOGRAPHS

REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR562603C	Rev. 01	Initial issue of report	Aug. 27, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.247(a)(2)	6dB Bandwidth	≥ 0.5MHz	Pass	-
3.1	-	99% Bandwidth	-	Report Only	-
3.2	15.247(b)	Conducted Output Power	≤ 30dBm	Pass	-
3.3	15.247(e)	Power Spectral Density	≤ 8dBm/3kHz	Pass	-
3.4	15.247(d)	Conducted Band Edges	≤ 20dBc	Pass	-
		Conducted Spurious Emission		Pass	-
3.5	15.247(d)	Radiated Band Edges and Radiated Spurious Emission	15.209(a) & 15.247(d)	Pass	Under limit 3.16 dB at 2389.97 MHz
3.6	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 11.69 dB at 0.48 MHz
3.7	15.203 & 15.247(b)	Antenna Requirement	15.203 & 15.247(b)	Pass	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

1 General Description

1.1 Applicant

vivo Mobile Communication Co., Ltd.
No.1, vivo Road, Chang'an, Dongguan, Guangdong, China

1.2 Manufacturer

vivo Mobile Communication Co., Ltd.
No.1, vivo Road, Chang'an, Dongguan, Guangdong, China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	vivo
Model Name	V2529
FCC ID	2AUCY-V2529
IMEI Code	Conducted: 862902089996676/862902089996668 Conduction: 862902089999530/862902089999522 Radiation: 862902089999639/862902089999621
HW Version	MP_0.1
SW Version	PD2512GF_EX_A_15.0.4.3.W30
EUT Stage	Production Unit

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Channel Frequency Range	2412 MHz ~ 2462 MHz
Maximum (Peak) Output Power to antenna	802.11b : 17.61 dBm (0.0577 W) 802.11g : 24.23 dBm (0.2649 W) 802.11n HT20 : 24.26 dBm (0.2667 W) 802.11n HT40 : 24.31 dBm (0.2698 W) 802.11VHT20 : 24.21 dBm (0.2636 W) 802.11VHT40 : 24.02 dBm (0.2523 W) 802.11ax HE20 : 23.64 dBm (0.2312 W) 802.11ax HE40 : 23.86 dBm (0.2432 W)
99% Occupied Bandwidth	802.11b : 13.13MHz 802.11g : 16.58MHz 802.11n HT20 : 17.73MHz 802.11n HT40 : 36.62MHz 802.11ax HE20 : 18.91MHz 802.11ax HE40 : 37.68MHz
Antenna Type / Gain	PIFA Antenna type with gain 1.10 dBi
Type of Modulation	802.11b : DSSS (DBPSK / DQPSK / CCK) 802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11VHT : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) 802.11ax : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM)

Note:

1. For 802.11n/ac 20/40MHz modes, the whole testing have assessed only 802.11n HT20/n HT40 by referring to the higher output power.
2. 802.11ax support OFDMA full RU tone and partial RU tone, both full RU and partial RU-left (for low CH) and partial RU-right (for high CH) test output power, the full RU power/PSD > partial RU, therefore the full RU perform full, and partial RU verify bandedge/spurious.

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Testing Location

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	TH01-SZ CO02-SZ 03CH04-SZ	CN1256	421272

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH04-SZ	AUDIX	E3	6.2009-8-24
2.	CO02-SZ	AUDIX	E3	6.120613b

1.8 Applicable Standards

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

- 47 CFR Part 15 Subpart C §15.247
- FCC KDB 558074 D01 15.247 Meas Guidance v05r02
- ANSI C63.10-2020

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y/Z plane) were recorded in this report.

b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
2400-2483.5 MHz	1	2412	7	2442
	2	2417	8	2447
	3	2422	9	2452
	4	2427	10	2457
	5	2432	11	2462
	6	2437	-	-

2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

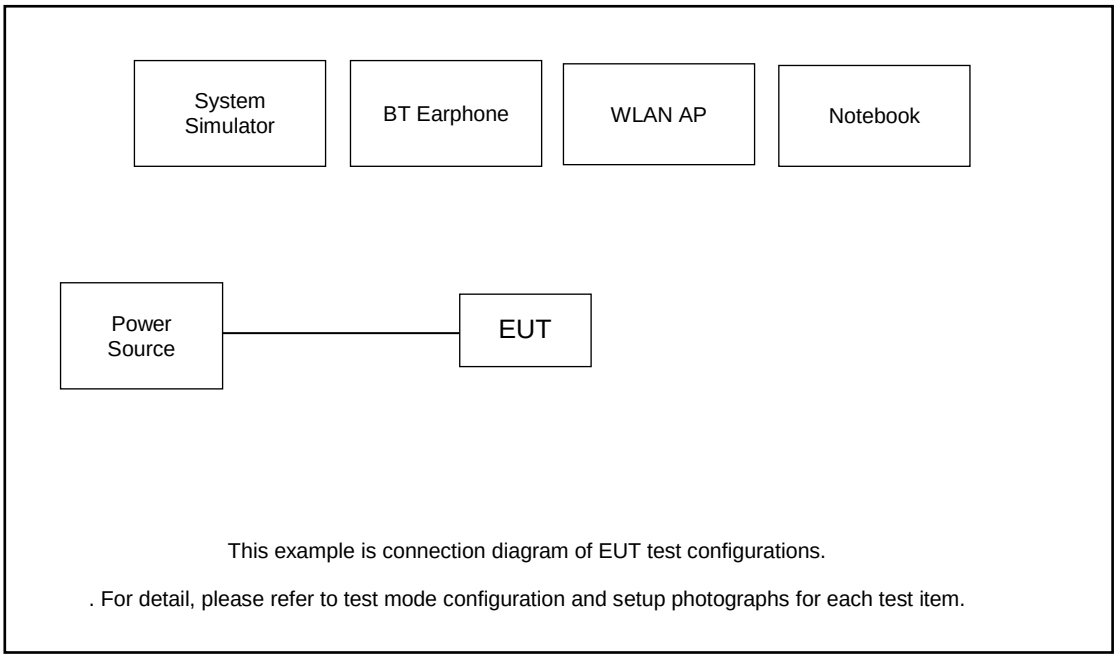
Modulation	Data Rate
802.11b	1 Mbps
802.11g	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0

RSE Co-location
802.11ax HE40 CH03 2422MHz Tx + LTE Band 13 Link

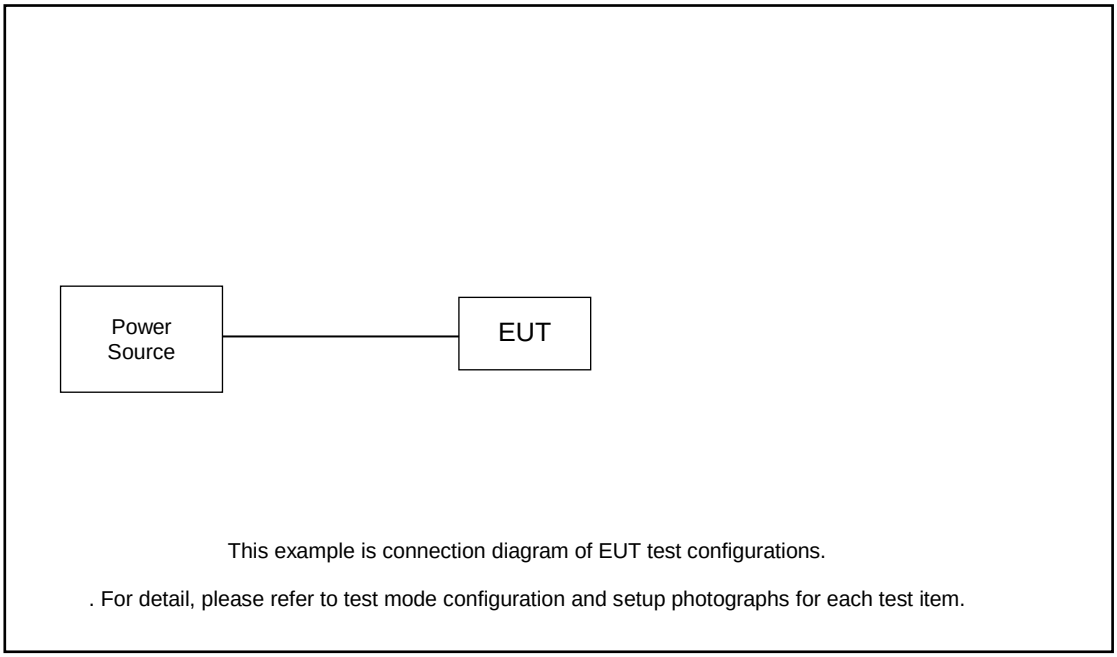
Test Cases	
AC Conducted Emission	Mode 1: GSM 850 Idle + Bluetooth Link + WLAN Link (2.4G) + USB Cable (Charging from Adapter) + Battery
Remark: For Radiated Test Cases, The tests were performed with Adapter and USB Cable.	

2.3 Connection Diagram of Test System

AC Conducted Emission:



Radiated Emission:



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
2.	WLAN AP	Dlink	DIR-820L	KA2IR820LA1	N/A	Unshielded,1.8m
3.	BT Earphone	N/A	N/A	N/A	N/A	N/A
4.	Notebook	DELL	Latiude 3400	N/A	N/A	Unshielded,1.8m

2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT continuous transmit.

For AC power line conducted emissions, the EUT was set to connect with the WLAN AP under large package sizes transmission.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example:

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 1.3 dB and 10dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 1.3+ 10 = 11.3 (dB)

3 Test Result

3.1 6dB and 99% Bandwidth Measurement

3.1.1 Limit of 6dB and 99% Bandwidth

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

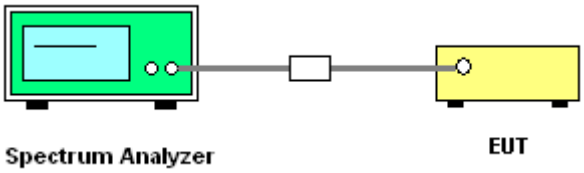
3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

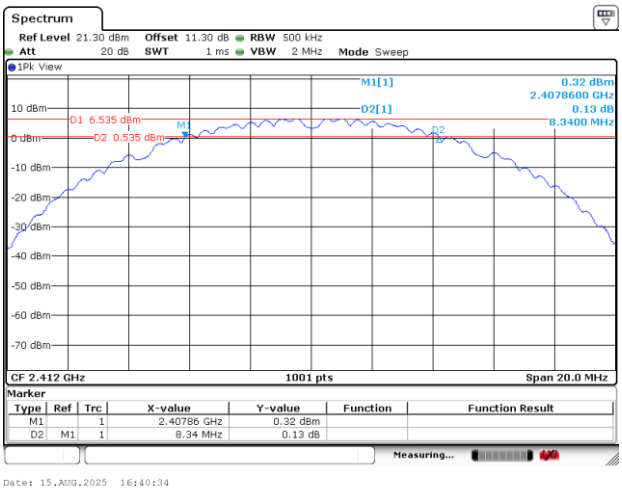
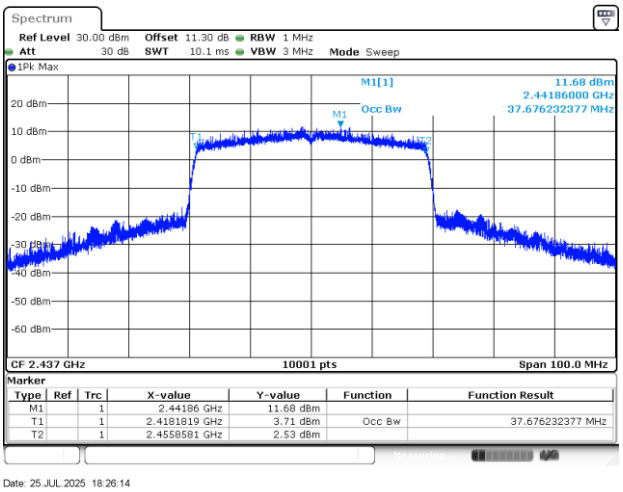
1. The testing follows ANSI C63.10-2020 clause 11.8.1 for 6dB BW and 6.9.3 for 99% occupied bandwidth measurements
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz. Set the Video bandwidth (VBW) ≥ 3*RBW. Detector = Peak. In order to make an accurate measurement. The 6 dB bandwidth must be greater than 500 kHz.
5. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) = 1%~5% of OBW and set the Video bandwidth (VBW) approximately three times the RBW.
6. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 6dB and 99% Occupied Bandwidth

Please refer to Appendix A.

Minimum 6dB Bandwidth (full Ru)	Maximum 99% Occupied Bandwidth
	

Note : The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

3.2 Output Power Measurement

3.2.1 Limit of Output Power

For systems using digital modulation in the 2400-2483.5MHz, the limit for output power is 30dBm. If transmitting antenna with directional gain greater than 6dBi is used, the output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

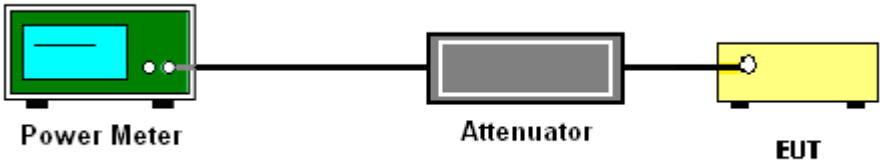
3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Procedures

1. The testing follows the Measurement Procedure of ANSI C63.10-2020 clause 11.9.1.2 PKPM1 Peak power meter or ANSI C63.10-2020 clause 11.9.2.3.1 Method AVGPM method.
2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Measure the conducted output power and record the results in the test report.

3.2.4 Test Setup



3.2.5 Test Result of Peak Output Power

Please refer to Appendix A.

3.2.6 Test Result of Average Output Power (Reporting Only)

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

The peak power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.

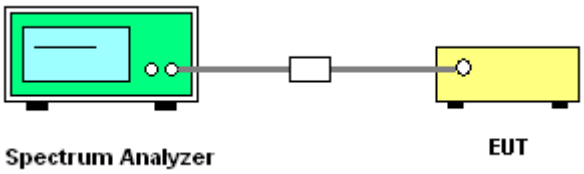
3.3.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.3.3 Test Procedures

1. The testing follows Measurement Procedure of ANSI C63.10-2020 clause 11.10.2 Method PKPSD.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 3 kHz. Video bandwidth VBW = 10 kHz In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6dB BW)
5. Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.
6. Measure and record the results in the test report.

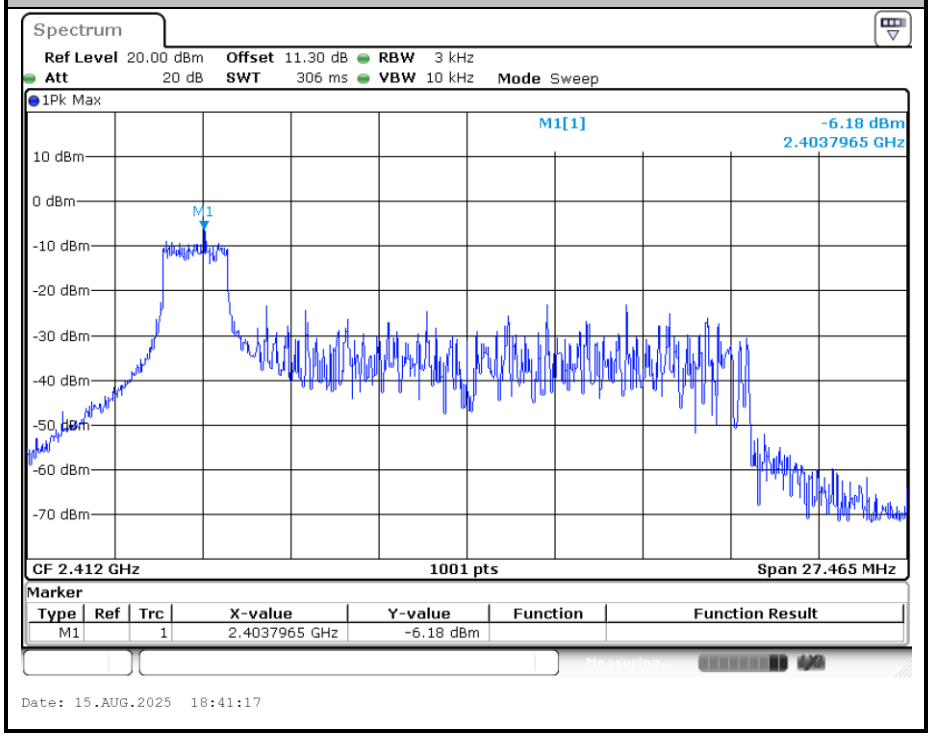
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/3kHz)



3.4 Conducted Band Edges and Spurious Emission Measurement

3.4.1 Limit of Conducted Band Edges and Spurious Emission Measurement

In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB relative to the maximum PSD level in 100 kHz by RF conducted measurement.

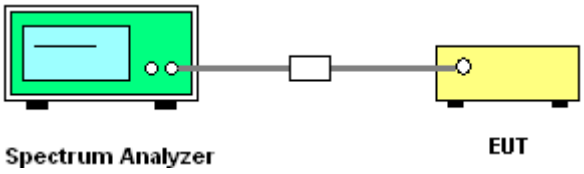
3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.4.3 Test Procedures

1. The testing follows ANSI C63.10-2020 clause 11.11.3
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d).
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.4.4 Test Setup



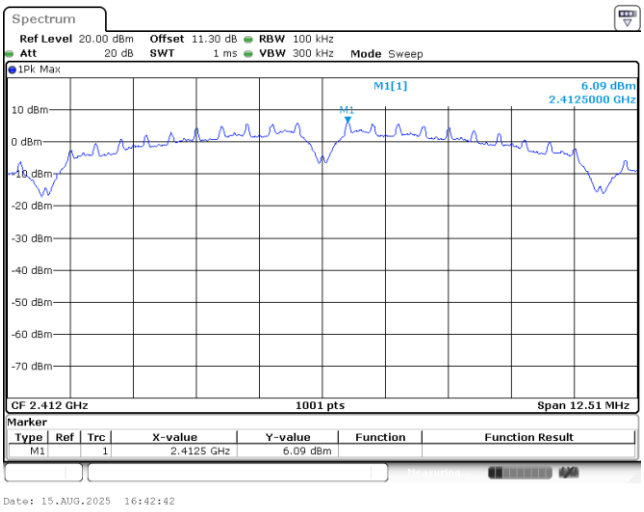
3.4.5 Test Result of Conducted Band Edges and Spurious Emission

Test Engineer :	Kaibiao Huang	**Temperature :**	24~26℃
		Relative Humidity :	50~53%

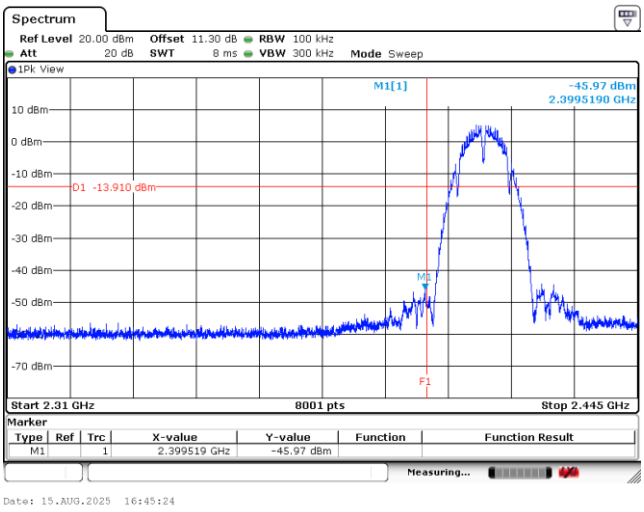
Number of TX = 1, Ant. 1 (Measured)

Test Mode :	802.11b	**Test Channel :**	01

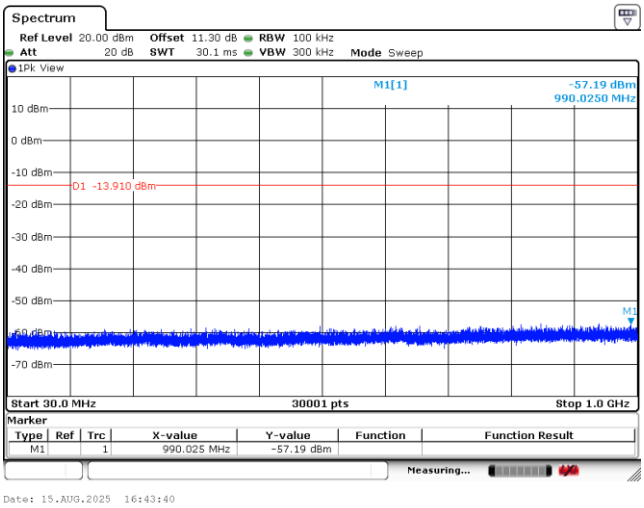
100kHz PSD reference Level



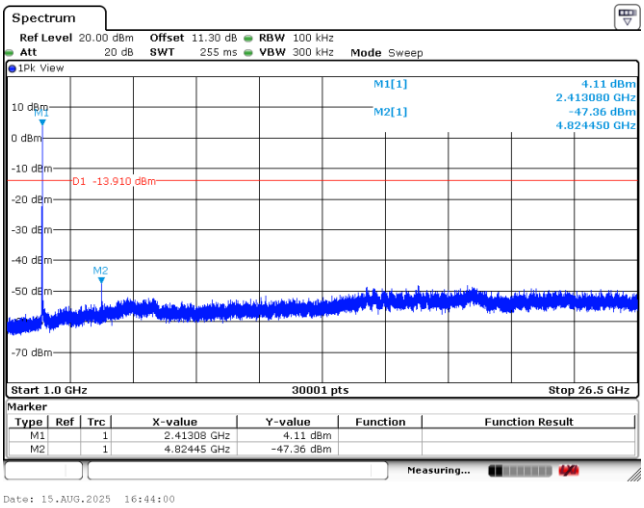
Channel Plot



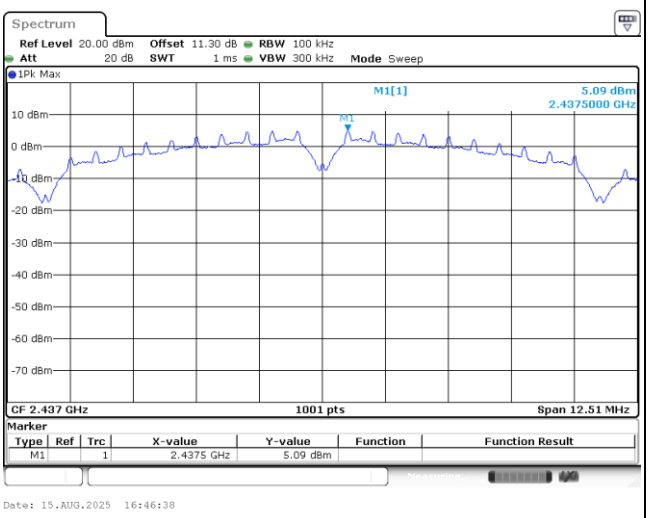
Spurious Emission Plot-1

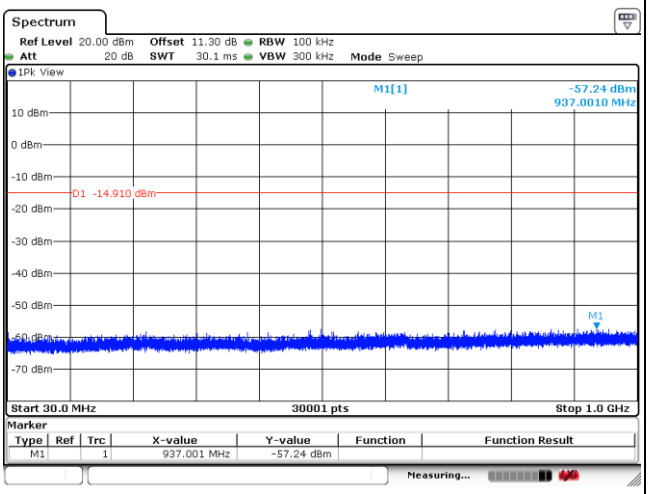
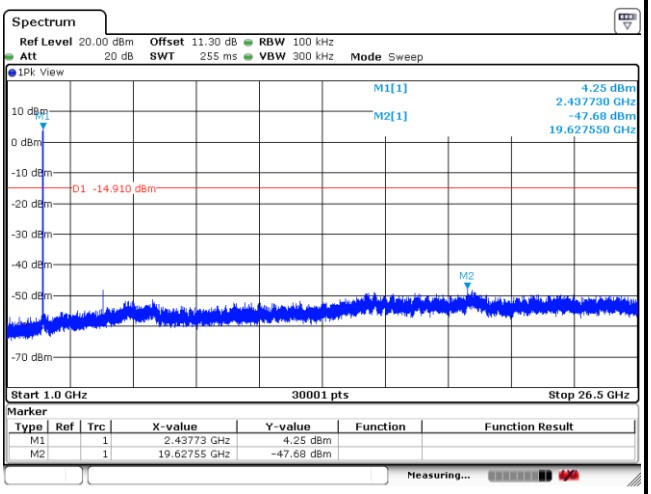


Spurious Emission Plot-2



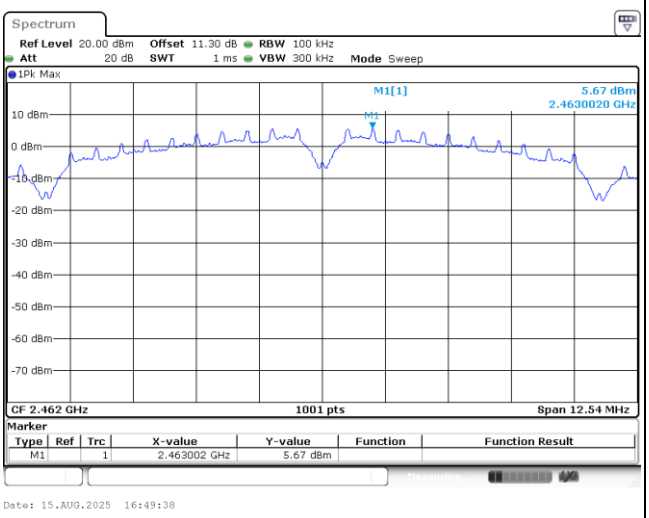
Test Mode :	802.11b	Test Channel :	06

100kHz PSD reference Level	Channel Plot
	/

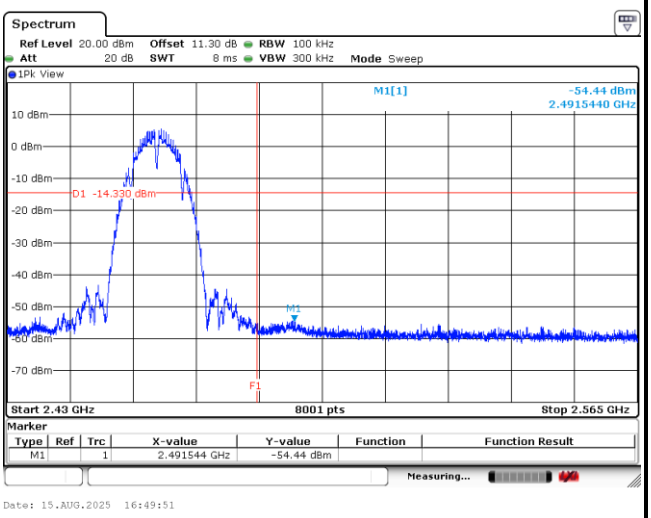
Spurious Emission Plot-1	Spurious Emission Plot-2
	

Test Mode :	802.11b	Test Channel :	11

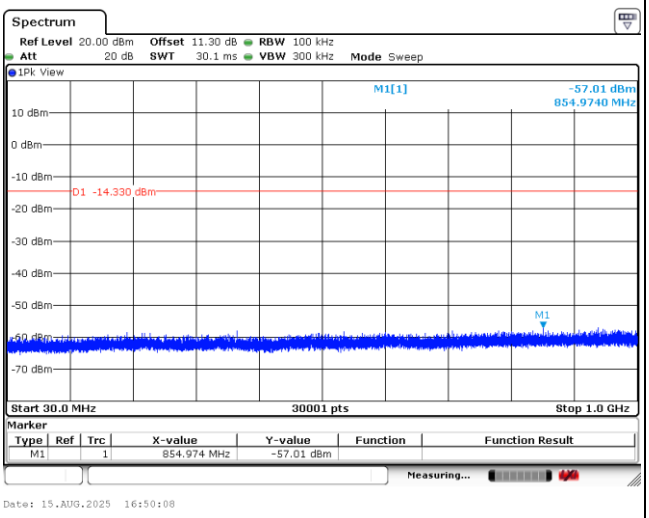
100kHz PSD reference Level



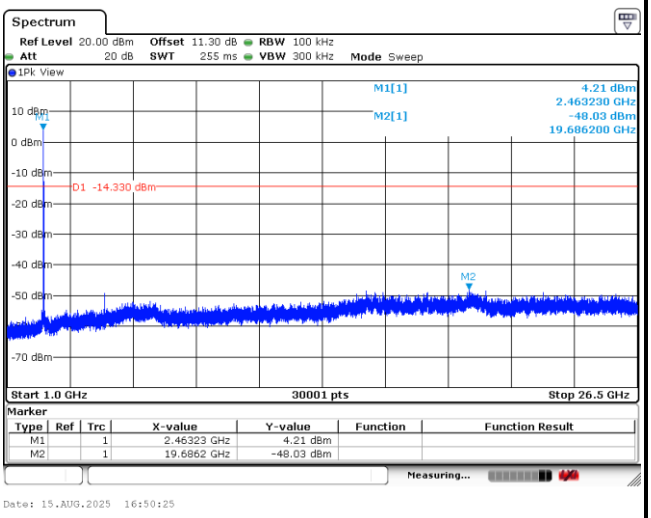
Channel Plot



Spurious Emission Plot-1

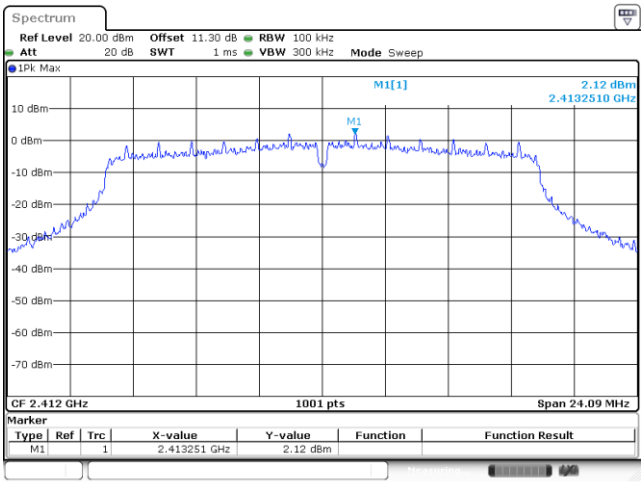


Spurious Emission Plot-2

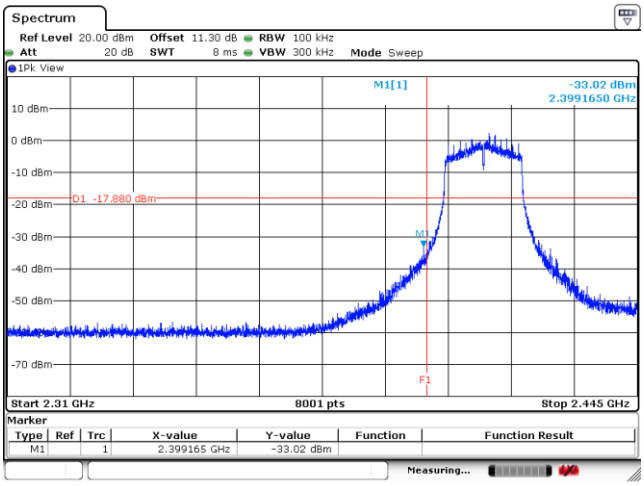


Test Mode :	802.11g	Test Channel :	01

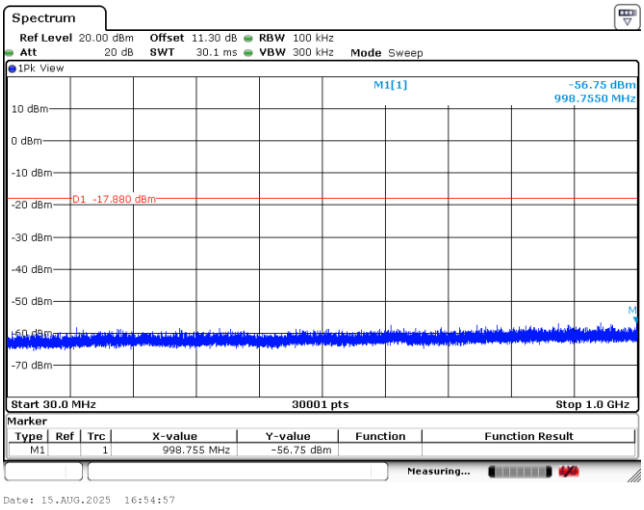
100kHz PSD reference Level



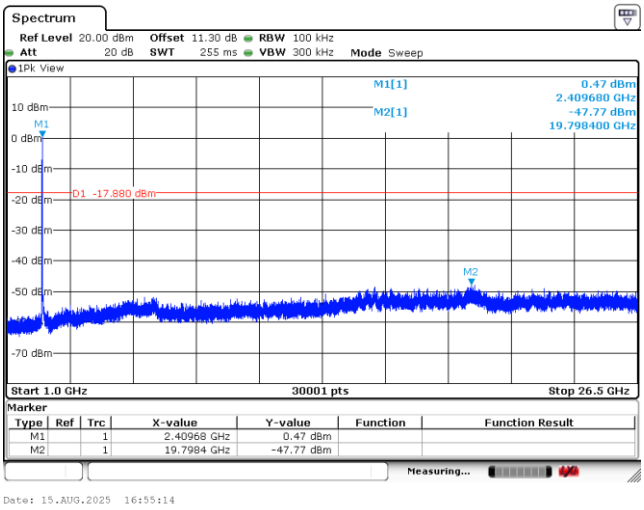
Channel Plot



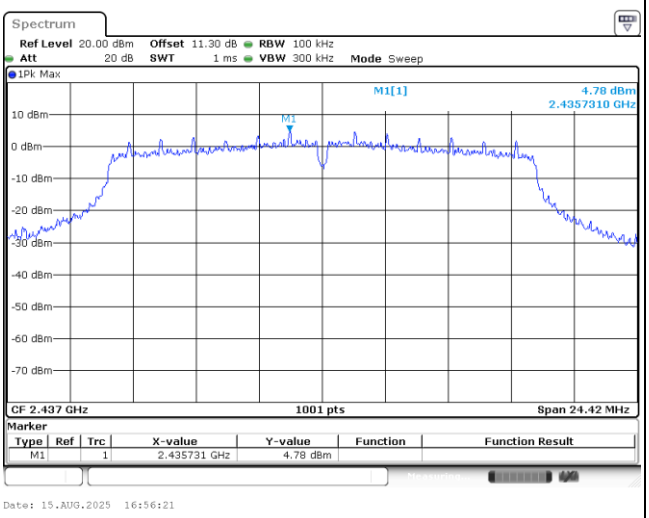
Spurious Emission Plot-1

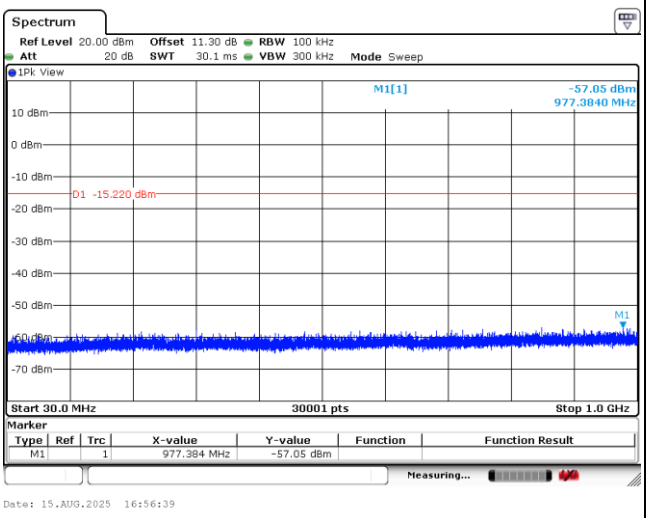
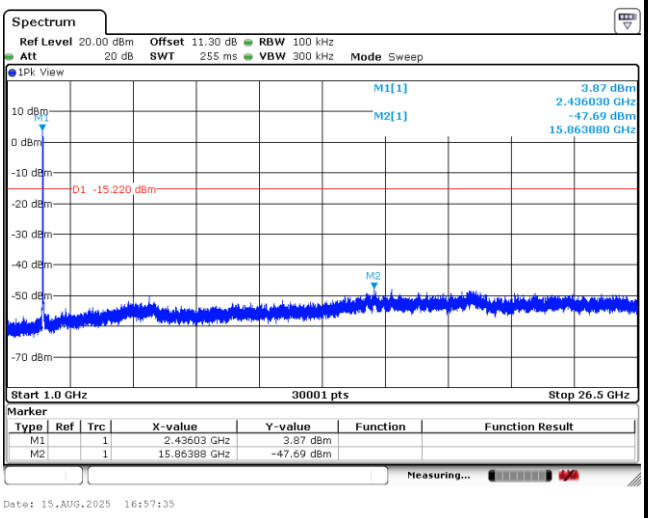


Spurious Emission Plot-2



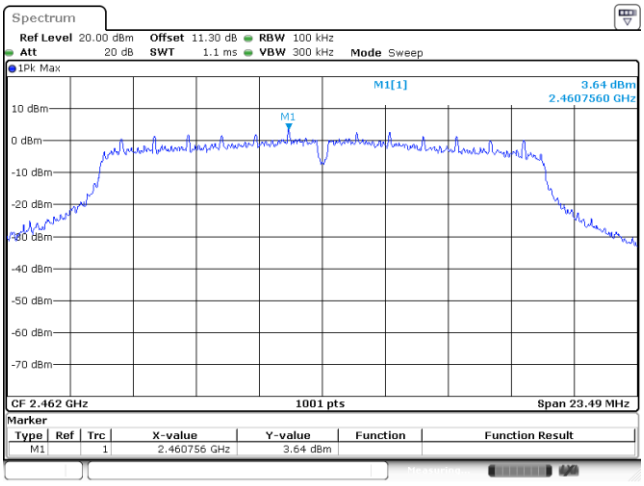
Test Mode :	802.11g	Test Channel :	06

100kHz PSD reference Level	Channel Plot
	/

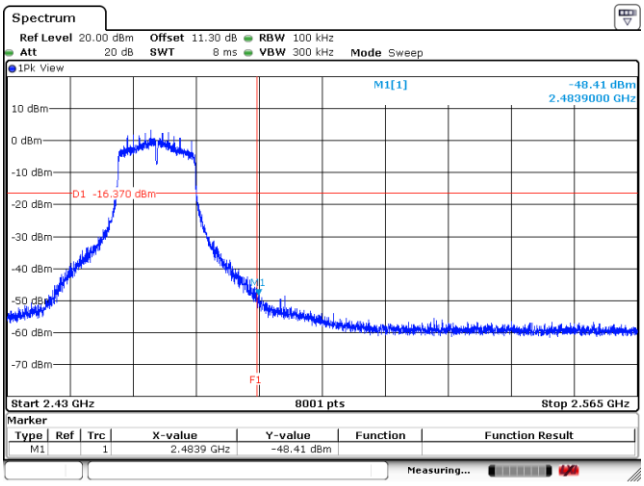
Spurious Emission Plot-1	Spurious Emission Plot-2
	

Test Mode :	802.11g	Test Channel :	11

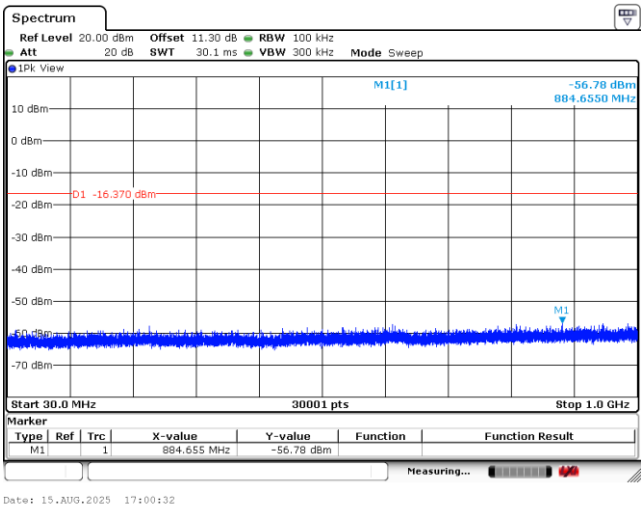
100kHz PSD reference Level



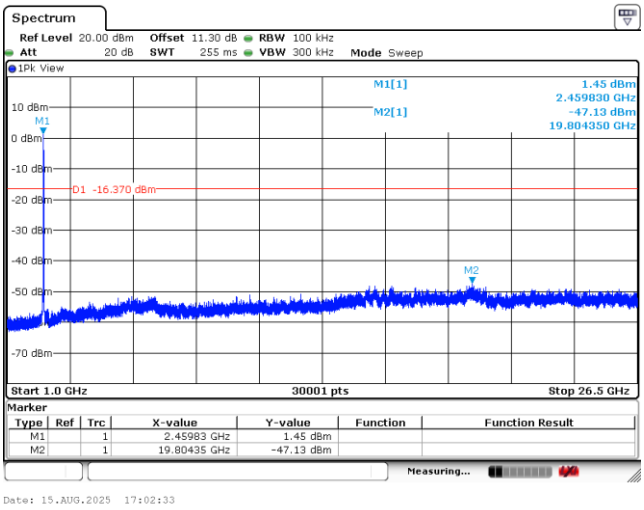
Channel Plot



Spurious Emission Plot-1

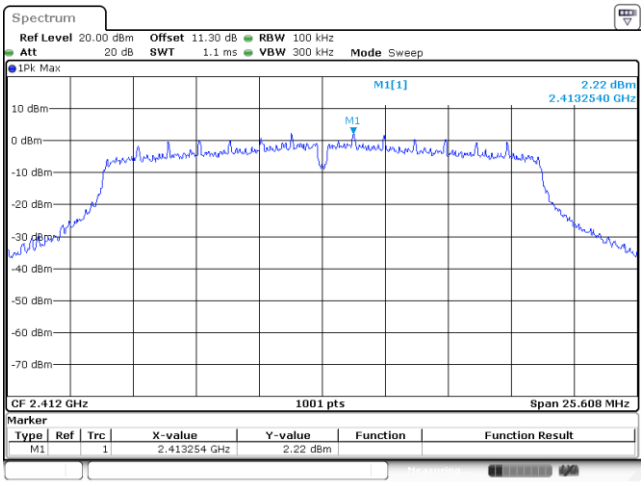


Spurious Emission Plot-2

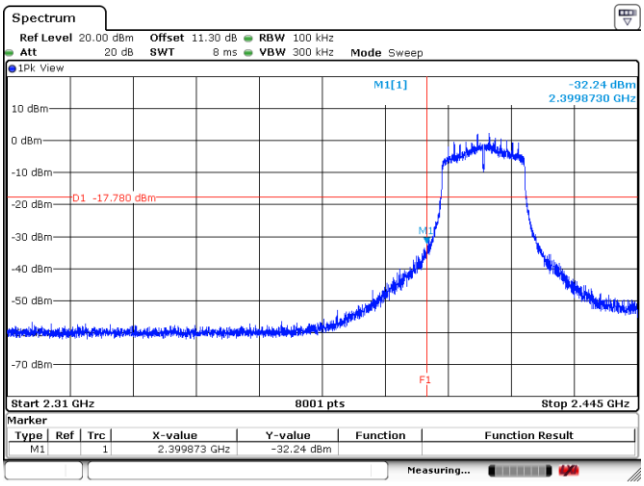


Test Mode :	802.11n HT20	Test Channel :	01

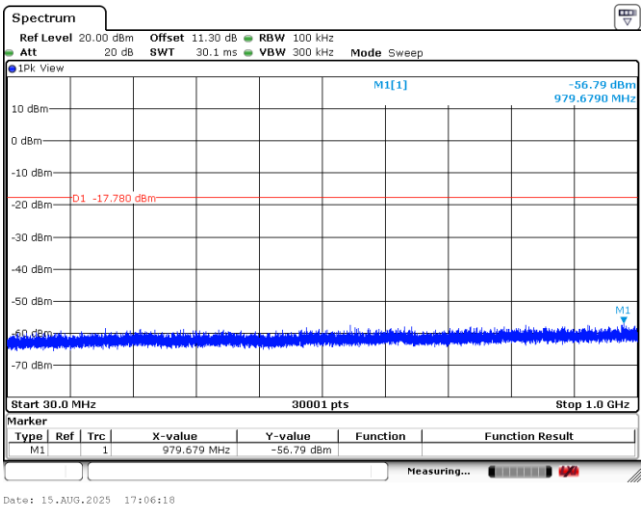
100kHz PSD reference Level



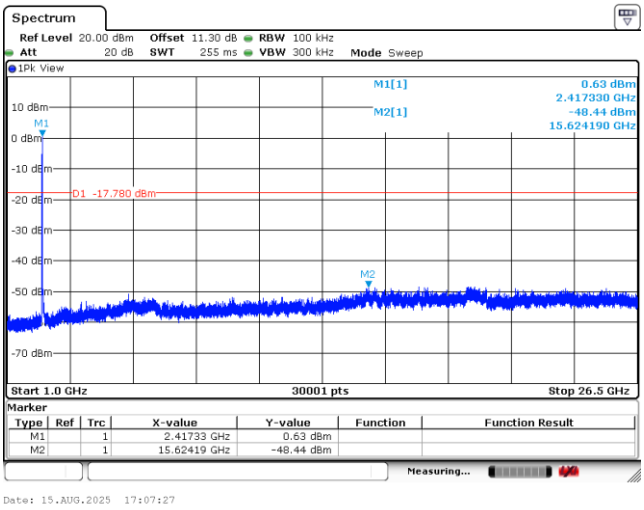
Channel Plot



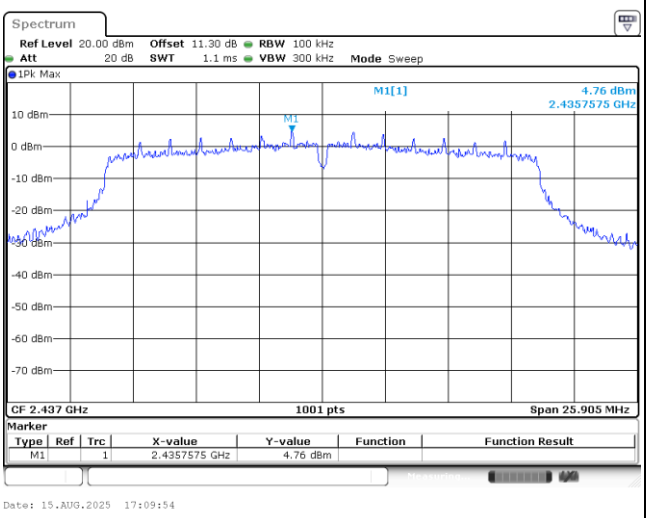
Spurious Emission Plot-1

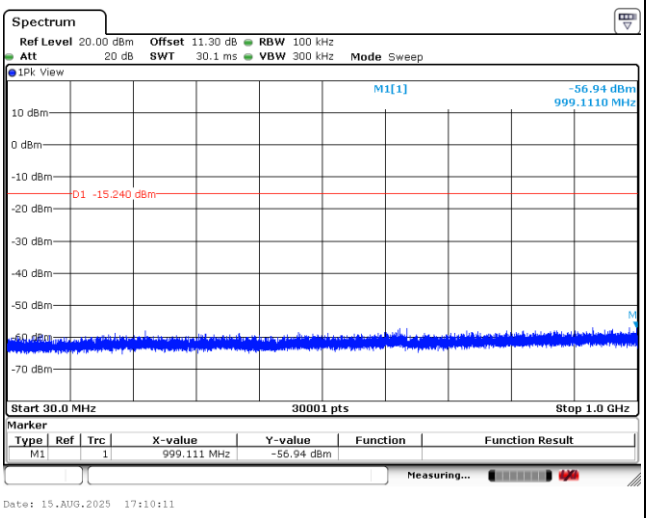
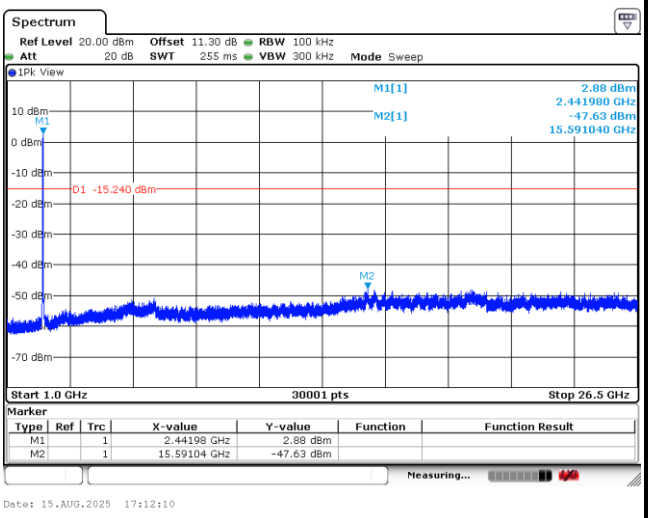


Spurious Emission Plot-2



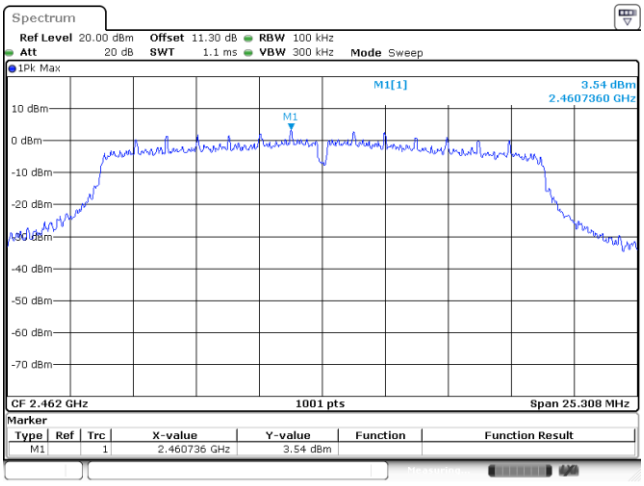
Test Mode :	802.11n HT20	Test Channel :	06

100kHz PSD reference Level	Channel Plot
	/

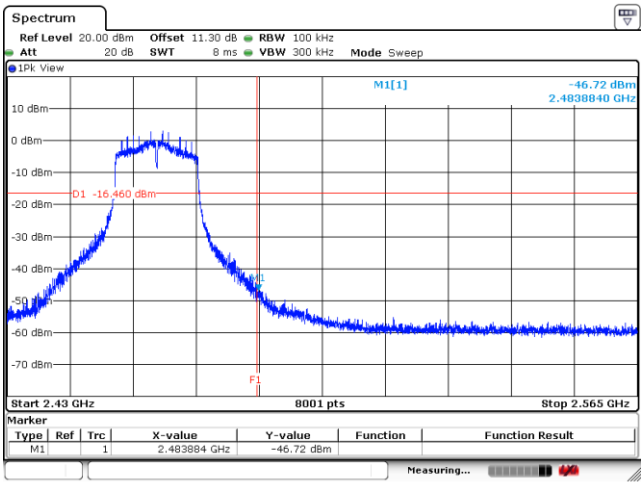
Spurious Emission Plot-1	Spurious Emission Plot-2
	

Test Mode :	802.11n HT20	Test Channel :	11

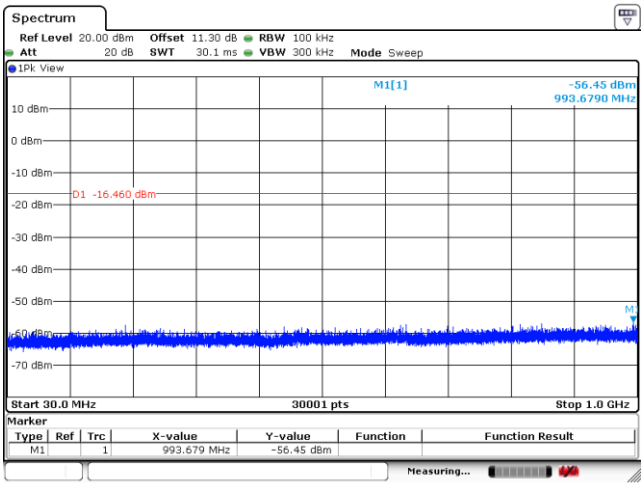
100kHz PSD reference Level



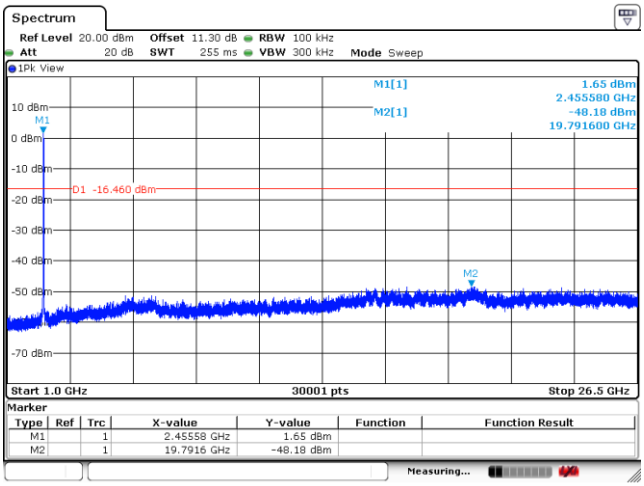
Channel Plot



Spurious Emission Plot-1

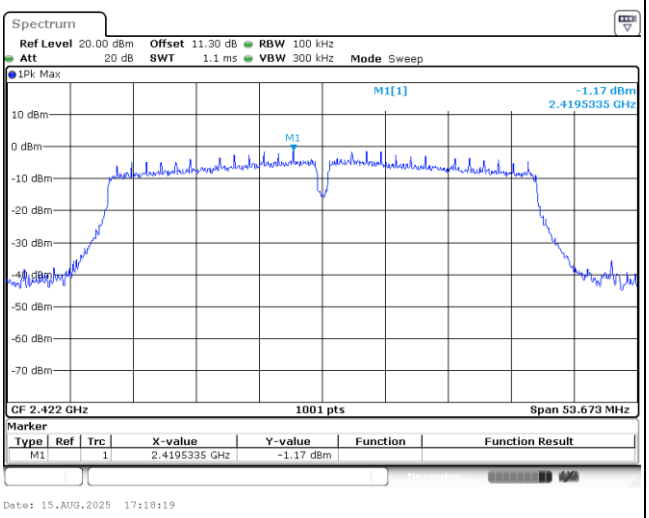


Spurious Emission Plot-2

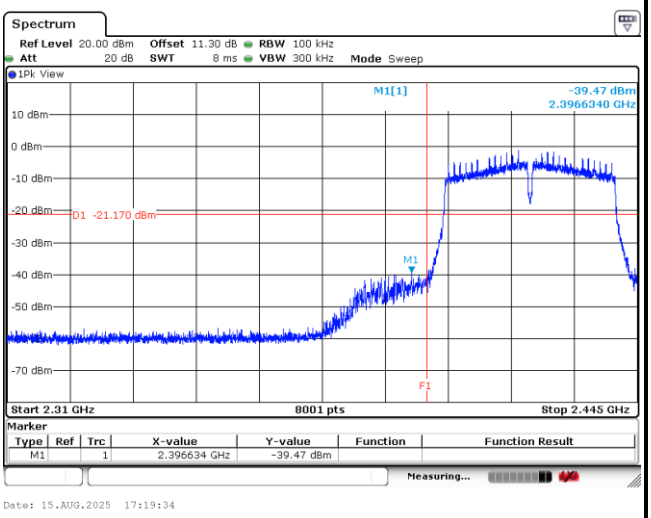


Test Mode :	802.11n HT40	Test Channel :	03

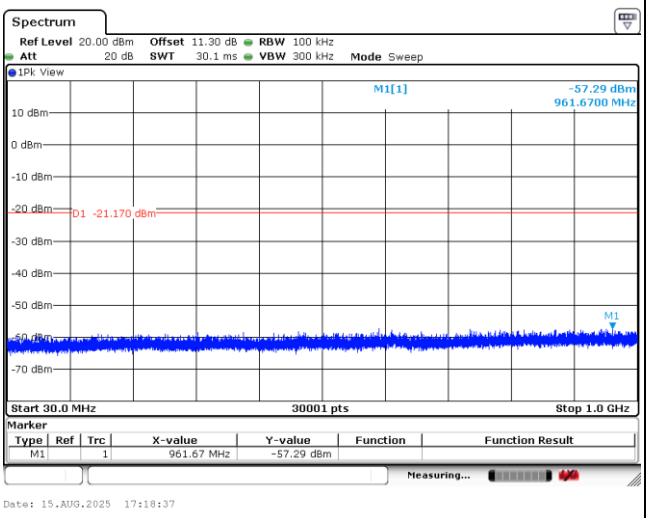
100kHz PSD reference Level



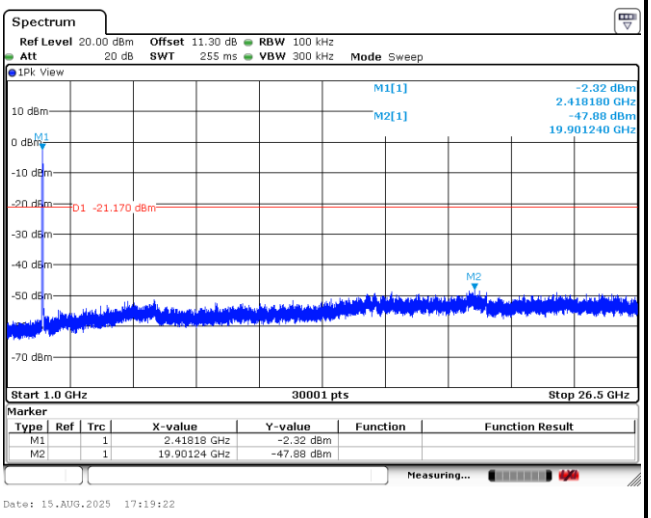
Channel Plot



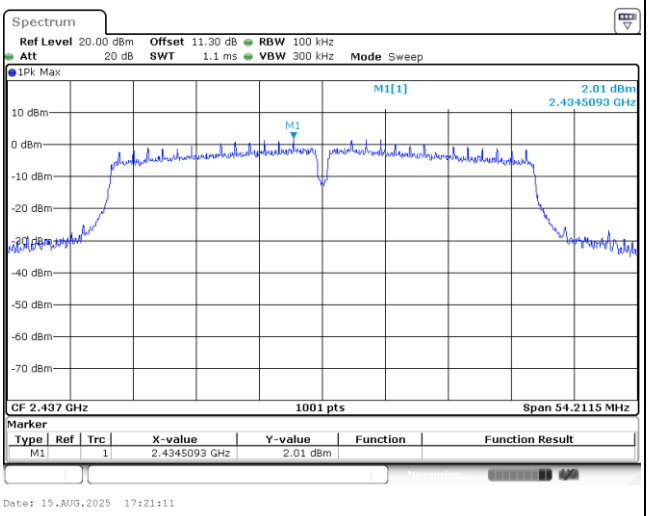
Spurious Emission Plot-1

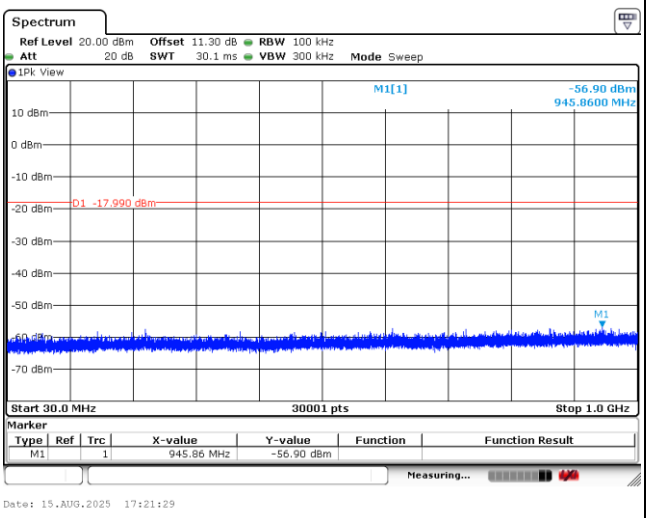
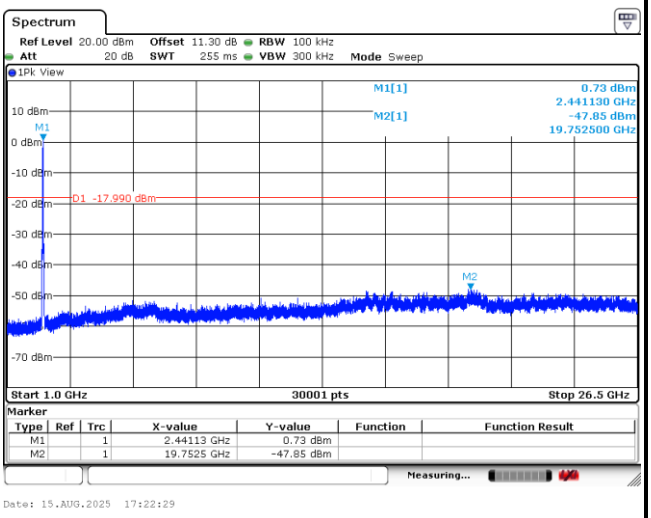


Spurious Emission Plot-2



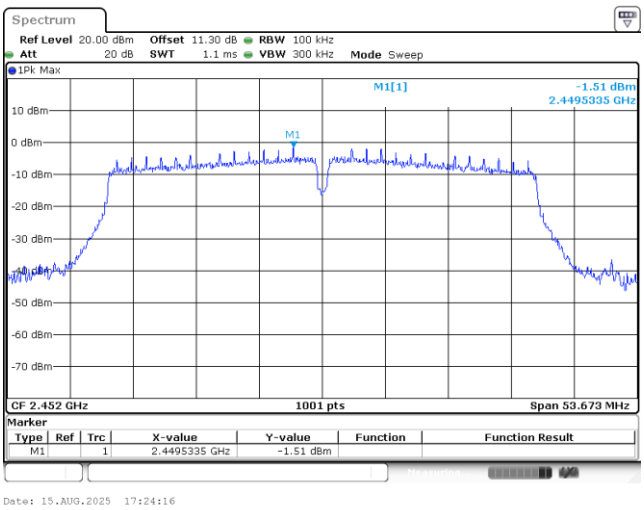
Test Mode :	802.11n HT40	Test Channel :	06

100kHz PSD reference Level	Channel Plot
	/

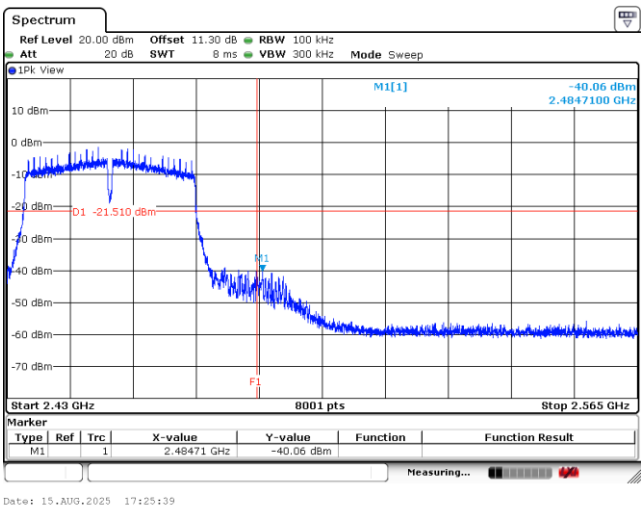
Spurious Emission Plot-1	Spurious Emission Plot-2
	

Test Mode :	802.11n HT40	Test Channel :	09

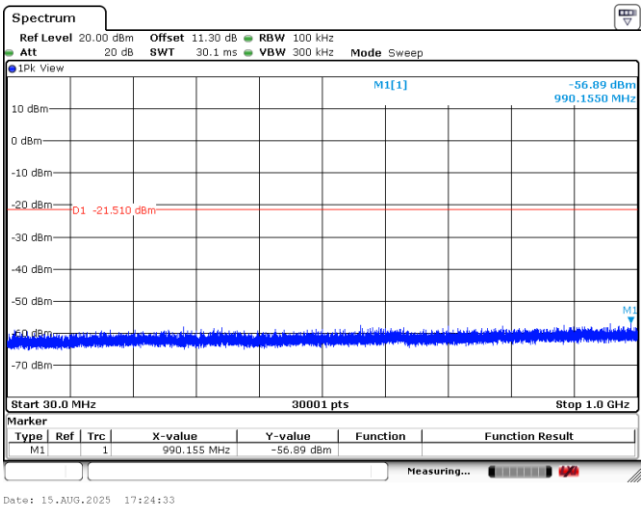
100kHz PSD reference Level



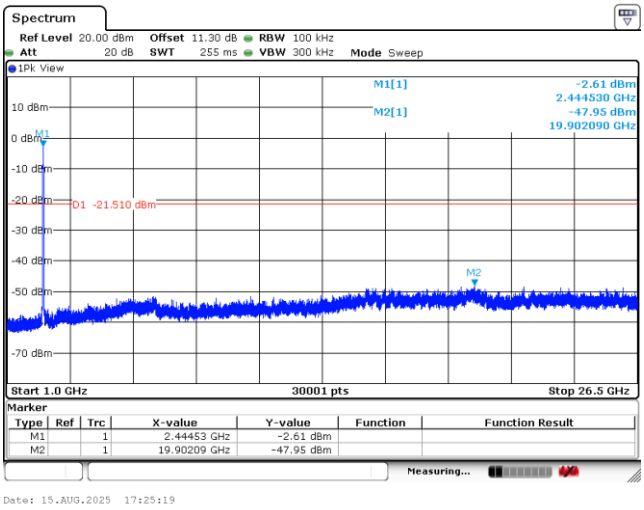
Channel Plot



Spurious Emission Plot-1

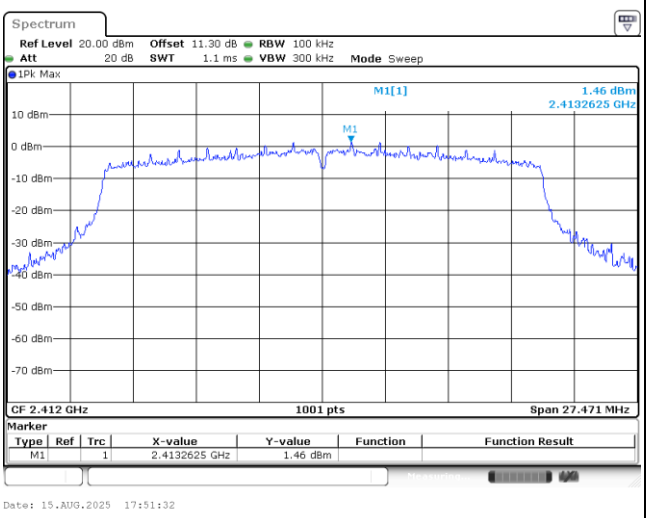


Spurious Emission Plot-2

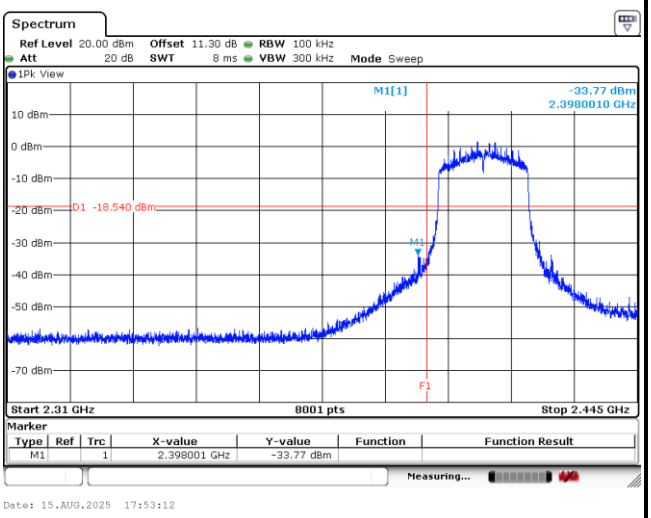


Test Mode :	802.11ax HE20	Test Channel :	01

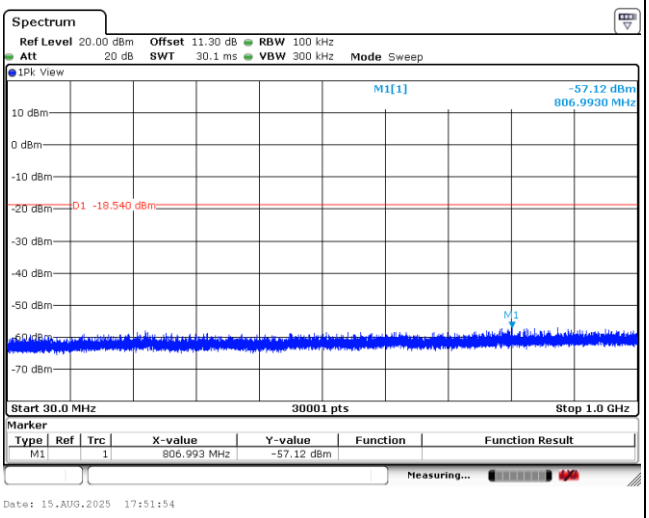
100kHz PSD reference Level



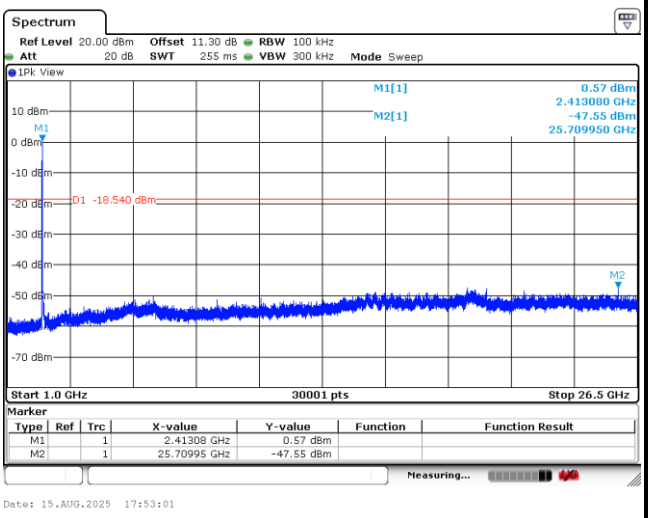
Channel Plot



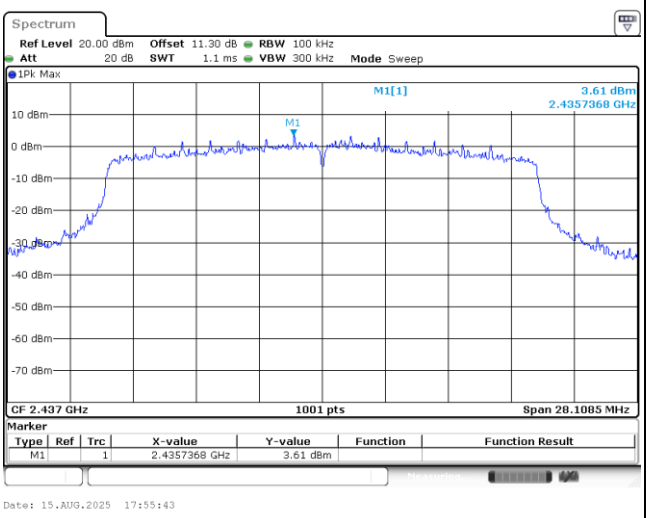
Spurious Emission Plot-1

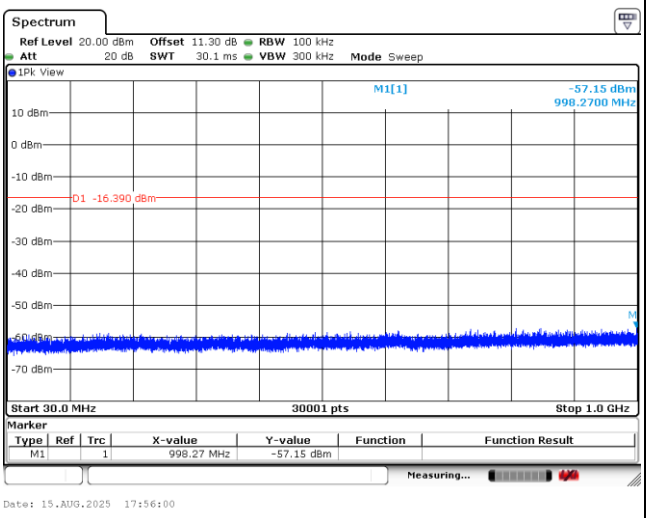
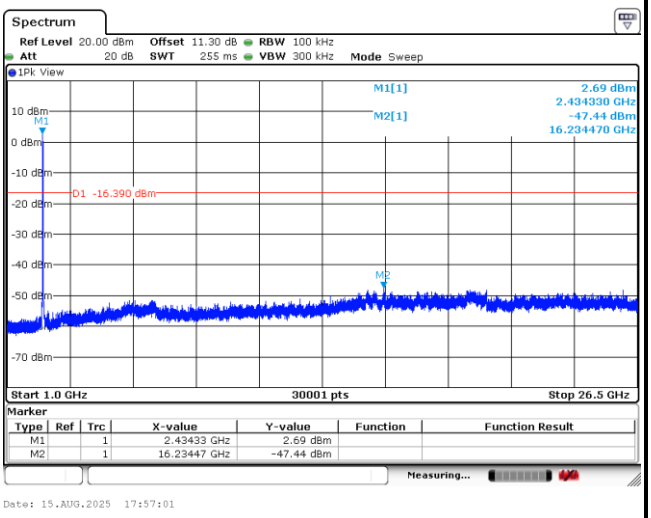


Spurious Emission Plot-2



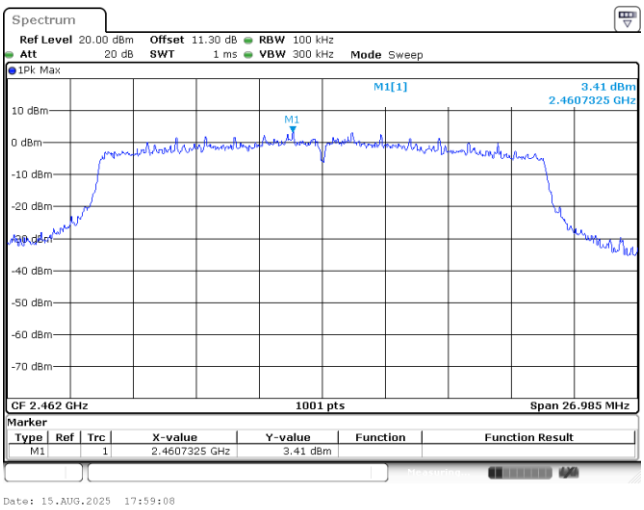
Test Mode :	802.11ax HE20	Test Channel :	06

100kHz PSD reference Level	Channel Plot
	/

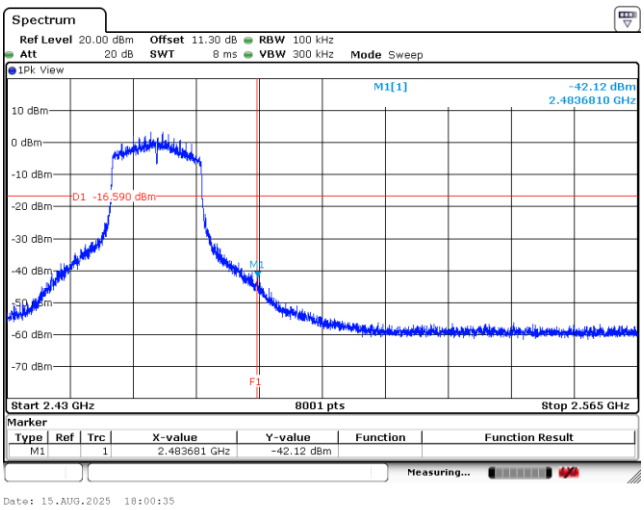
Spurious Emission Plot-1	Spurious Emission Plot-2
	

Test Mode :	802.11ax HE20	Test Channel :	11

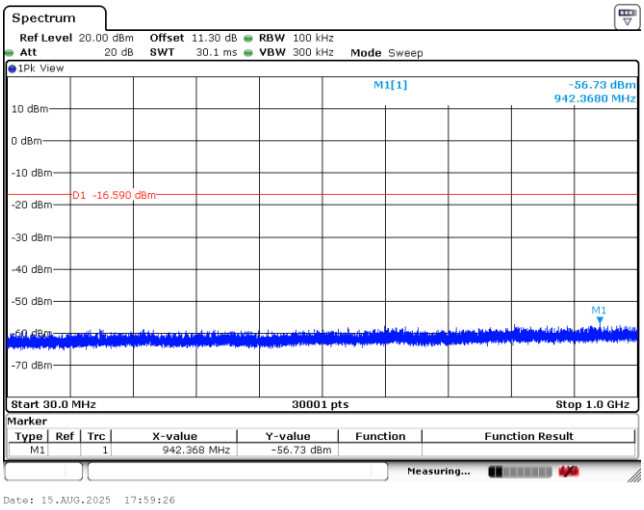
100kHz PSD reference Level



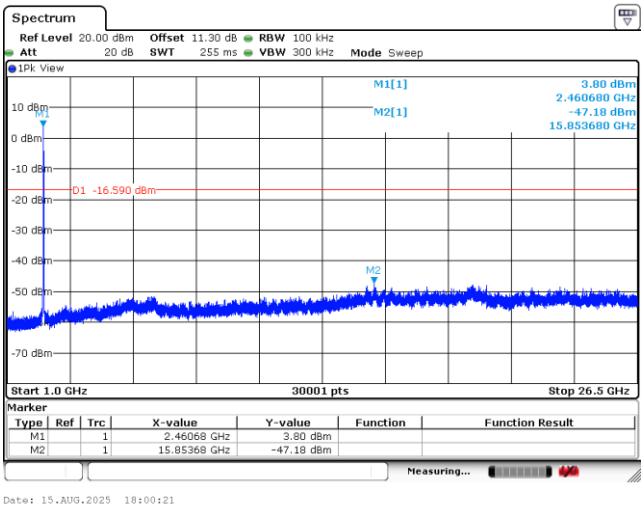
Channel Plot



Spurious Emission Plot-1

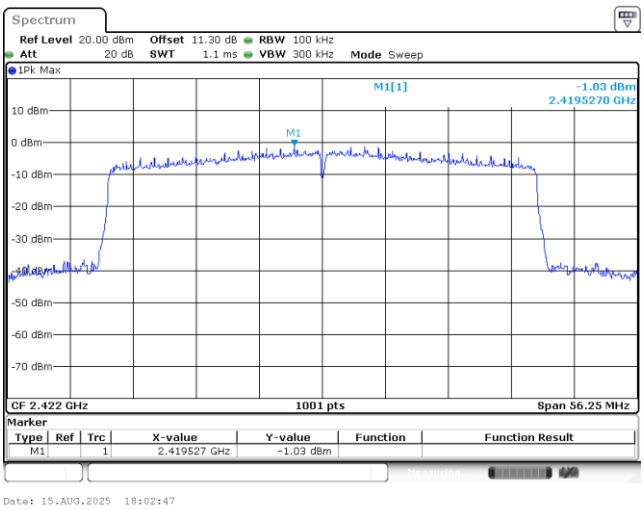


Spurious Emission Plot-2

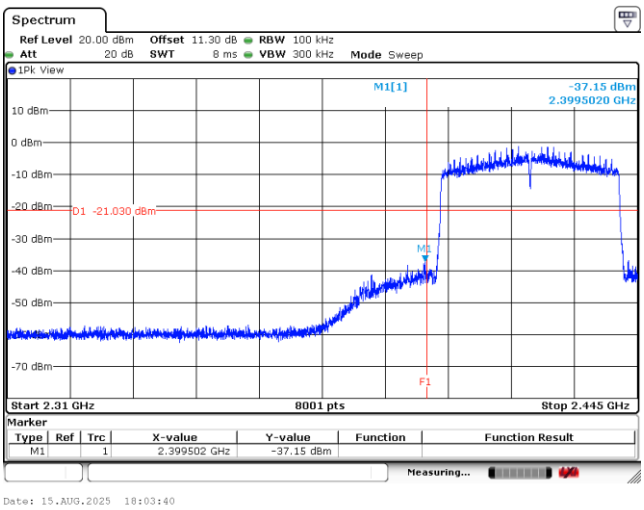


Test Mode :	802.11ax HE40	Test Channel :	03

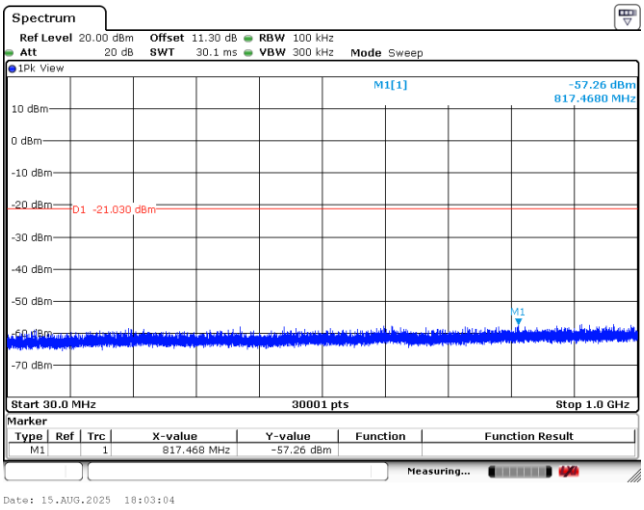
100kHz PSD reference Level



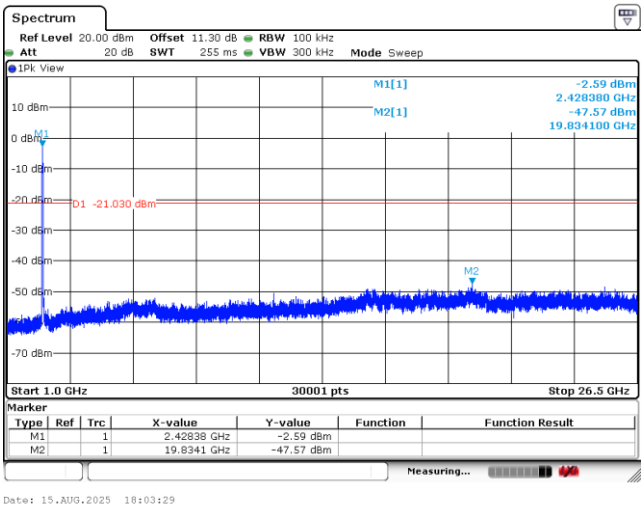
Channel Plot



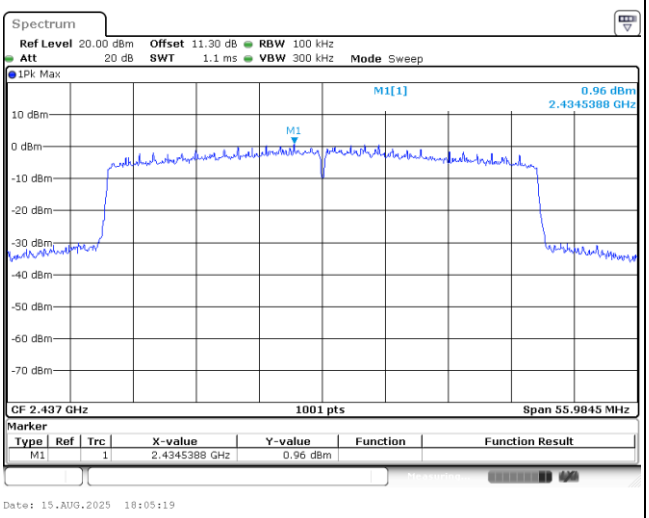
Spurious Emission Plot-1

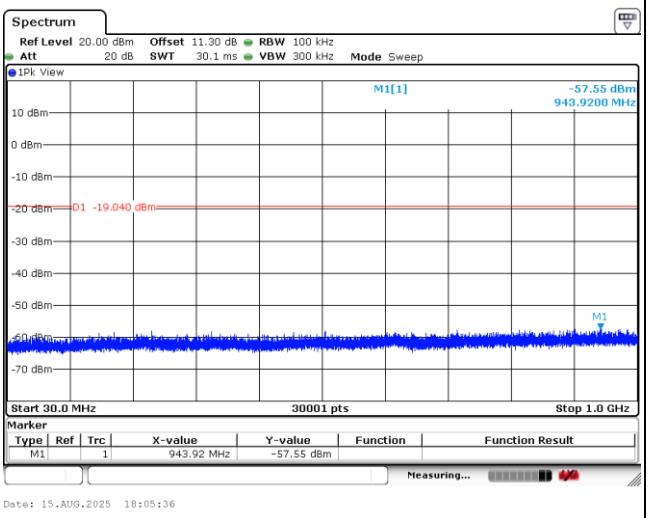
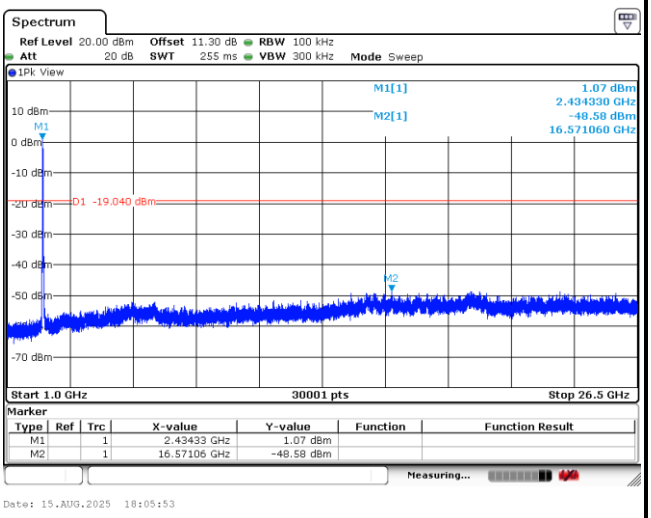


Spurious Emission Plot-2



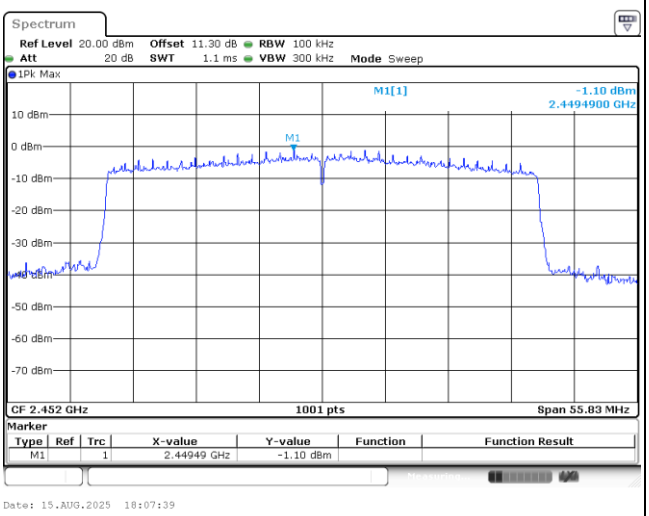
Test Mode :	802.11ax HE40	Test Channel :	06

100kHz PSD reference Level	Channel Plot
	/

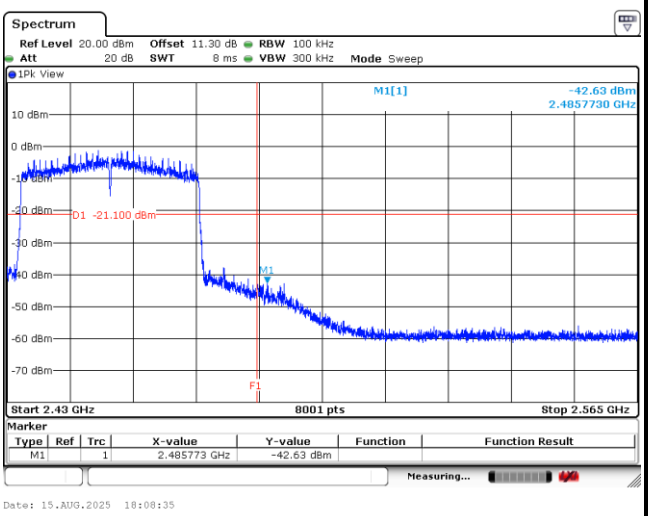
Spurious Emission Plot-1	Spurious Emission Plot-2
	

Test Mode :	802.11ax HE40	Test Channel :	09

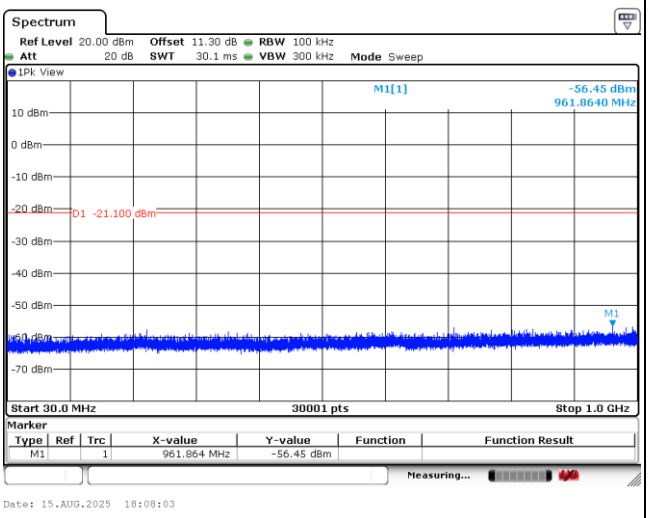
100kHz PSD reference Level



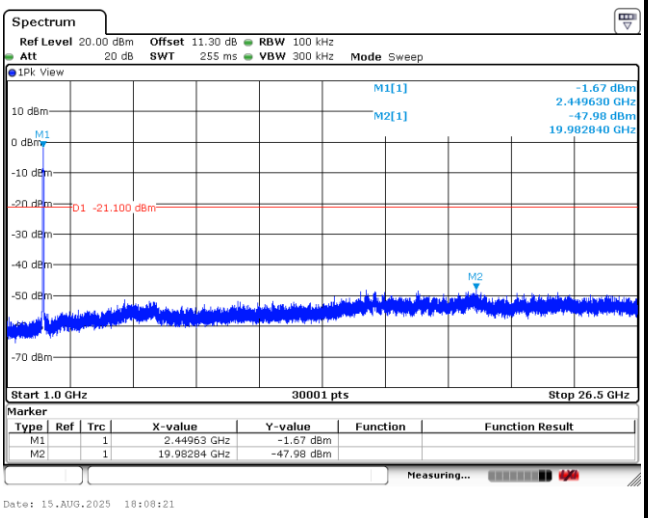
Channel Plot



Spurious Emission Plot-1



Spurious Emission Plot-2



3.5 Radiated Band Edges and Spurious Emission Measurement

3.5.1 Limit of Radiated band edge and Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device was measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

3.5.2 Measuring Instruments

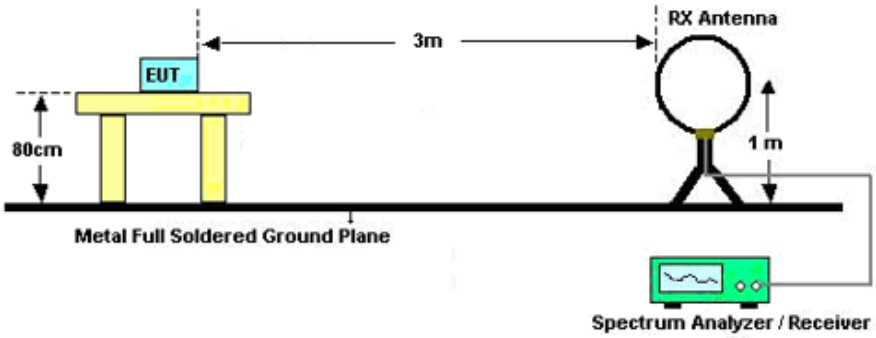
The measuring equipment is listed in the section 4 of this test report.

3.5.3 Test Procedures

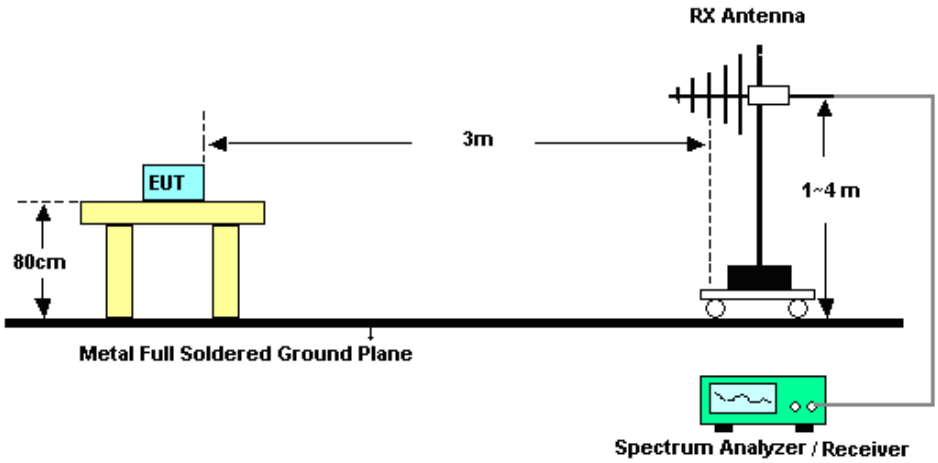
1. The testing follows ANSI C63.10-2020 clause 6.3, 6.5, 6.6, 11.11 and 11.12
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than peak limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
8. Use the following spectrum analyzer settings:
   (1) Span shall wide enough to fully capture the emission being measured;
   (2) Set RBW=100 kHz for f < 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
   (3) Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement.
   For average measurement:
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

3.5.4 Test Setup

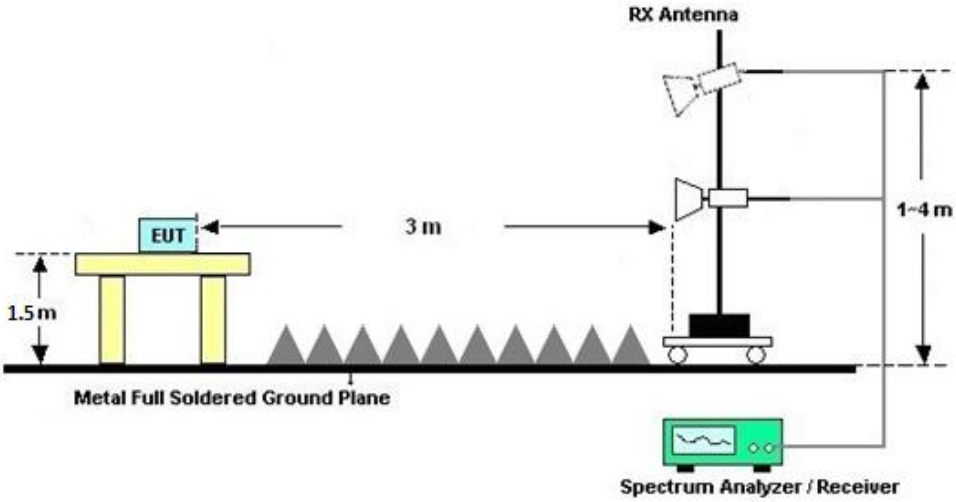
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.5.5 Test Results of Radiated Spurious Emissions (9kHz ~ 30MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.5.7 Duty Cycle

Please refer to Appendix D.

3.5.8 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic or 40GHz, whichever is lower)

Please refer to Appendix C.

3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of Emission (MHz)	Conducted Limit (dBµV)	
	Quasi-Peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

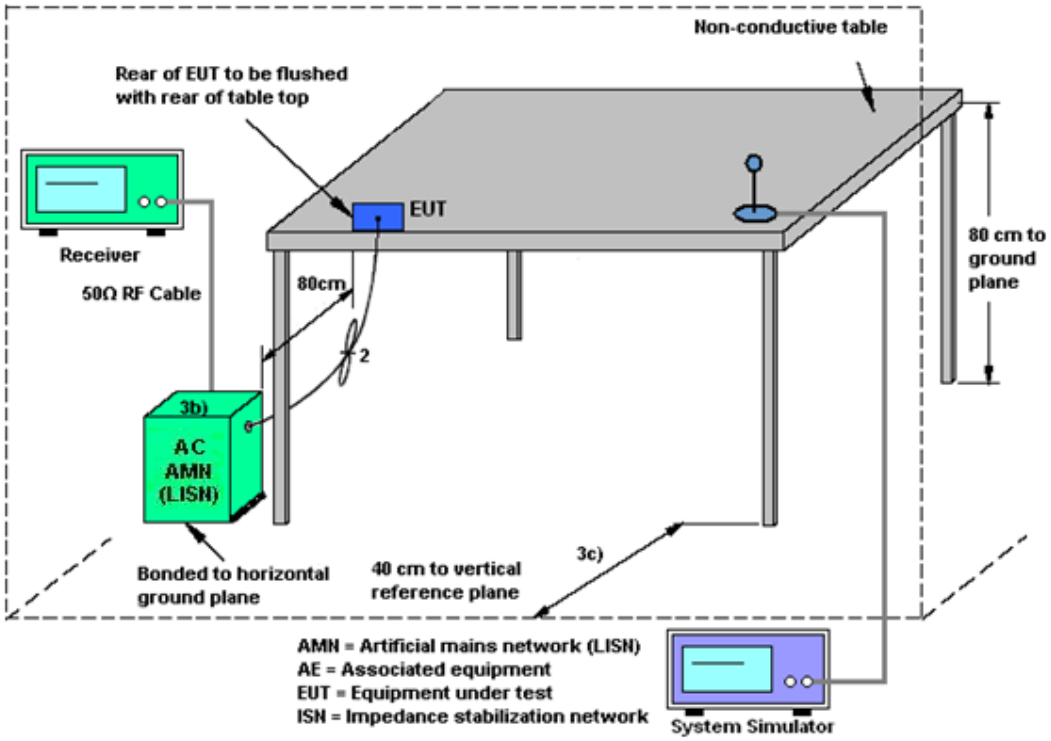
3.6.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.6.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF bandwidth = 9kHz) with Maximum Hold Mode.

3.6.4 Test Setup



3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.7 Antenna Requirements

3.7.1 Standard Applicable

If directional gain of transmitting Antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. 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 rule.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	R&S	ESR7	101404	9kHz~7GHz	Oct. 14, 2024	Jul. 29, 2025~ Aug. 18, 2025	Oct. 13, 2025	Radiation (03CH04-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2025	Jul. 29, 2025~ Aug. 18, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Jul. 29, 2025~ Aug. 18, 2025	Dec. 27, 2025	Radiation (03CH04-SZ)
Bilog Antenna	TeseQ	CBL6111D	41909	30MHz~1GHz	Apr. 21, 2025	Jul. 29, 2025~ Aug. 18, 2025	Apr. 20, 2026	Radiation (03CH04-SZ)
Double Ridge Guide Antenna	ETS-Lindgren	Burgeon-3117	00240057	1GHz~18GHz	Jul. 03, 2025	Jul. 29, 2025~ Aug. 18, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
Horn Antenna	SCHWARZBECK	BBHA9170	9170#679	15GHz~40GHz	Jul. 04, 2025	Jul. 29, 2025~ Aug. 18, 2025	Jul. 03, 2026	Radiation (03CH04-SZ)
LF Amplifier	EM Electronics	EM330	060773	20MHz-3GHz	Apr. 02, 2025	Jul. 29, 2025~ Aug. 18, 2025	Apr. 01, 2026	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 14, 2024	Jul. 29, 2025~ Aug. 18, 2025	Oct. 13, 2025	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2025	Jul. 29, 2025~ Aug. 18, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
Amplifier	Agilent Technologies	83017A	MY57280136	500MHz~26.5GHz	Jul. 03, 2025	Jul. 29, 2025~ Aug. 18, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
AC Power Source	APC	AFV-S-600B	F119050019	N/A	Oct. 14, 2024	Jul. 29, 2025~ Aug. 18, 2025	Oct. 13, 2025	Radiation (03CH04-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jul. 29, 2025~ Aug. 18, 2025	NCR	Radiation (03CH04-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jul. 29, 2025~ Aug. 18, 2025	NCR	Radiation (03CH04-SZ)
EMI Receiver	R&S	ESR7	102297	9kHz~7GHz;	Jul. 02, 2025	Jul. 27, 2025	Jul. 01, 2026	Conduction (CO02-SZ)
AC LISN	R&S	ENV216	101499	9kHz~30MHz	Jul. 03, 2025	Jul. 27, 2025	Jul. 02, 2026	Conduction (CO02-SZ)
AC Power Source	CHROMA	61601	616010002470	100Vac~250Vac	Dec. 25, 2024	Jul. 27, 2025	Dec. 24, 2025	Conduction (CO02-SZ)
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Jul. 25, 2025~ Aug. 15, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
Pulse Power Senor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 25, 2024	Jul. 25, 2025~ Aug. 15, 2025	Dec. 24, 2025	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Oct. 14, 2024	Jul. 25, 2025~ Aug. 15, 2025	Oct. 13, 2025	Conducted (TH01-SZ)

NCR: No Calibration Required

5 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Spurious Emission & Bandedge	±1.34 dB
Occupied Channel Bandwidth	±0.012 MHz
Conducted Power	±1.34 dB
Conducted Power Spectral Density	±1.32 dB
Frequency	±1.3 Hz

Uncertainty of AC Conducted Emission Measurement (0.15 MHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.5 dB

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.1 dB

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.8 dB

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.1 dB

---------- THE END ----------

Appendix A. Conducted Test Results

A1. Conducted Test Results

Test Engineer:	HuangKaibiao	Temperature:	21~25	°C
Test Date:	2025/7/25~8/15	Relative Humidity:	51~54	%

Report Number : FR562603C

TEST RESULTS DATA
Average Output Power

2.4GHz Band Single Antenna											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Setting
					Ant22	Ant22	Ant22	Ant22	Ant22		Ant 22
11b	1Mbps	1	1	2412	15.10	30.00	1.10	16.20	36.00	Pass	15.00
11b	1Mbps	1	6	2437	15.20	30.00	1.10	16.30	36.00	Pass	15.00
11b	1Mbps	1	11	2462	15.10	30.00	1.10	16.20	36.00	Pass	15.00
11g	6Mbps	1	1	2412	13.10	30.00	1.10	14.20	36.00	Pass	13.00
11g	6Mbps	1	6	2437	15.30	30.00	1.10	16.40	36.00	Pass	15.00
11g	6Mbps	1	11	2462	14.20	30.00	1.10	15.30	36.00	Pass	14.00
HT20	MCS0	1	1	2412	13.20	30.00	1.10	14.30	36.00	Pass	13.00
HT20	MCS0	1	6	2437	15.30	30.00	1.10	16.40	36.00	Pass	15.00
HT20	MCS0	1	11	2462	14.20	30.00	1.10	15.30	36.00	Pass	14.00
HT40	MCS0	1	3	2422	11.90	30.00	1.10	13.00	36.00	Pass	11.50
HT40	MCS0	1	4	2427	14.00	30.00	1.10	15.10	36.00	Pass	13.50
HT40	MCS0	1	6	2437	15.40	30.00	1.10	16.50	36.00	Pass	15.00
HT40	MCS0	1	8	2447	13.40	30.00	1.10	14.50	36.00	Pass	13.00
HT40	MCS0	1	9	2452	12.50	30.00	1.10	13.60	36.00	Pass	12.00
VHT20	MCS0	1	1	2412	13.10	30.00	1.10	14.20	36.00	Pass	13.00
VHT20	MCS0	1	6	2437	15.20	30.00	1.10	16.30	36.00	Pass	15.00
VHT20	MCS0	1	11	2462	14.10	30.00	1.10	15.20	36.00	Pass	14.00
VHT40	MCS0	1	3	2422	11.80	30.00	1.10	12.90	36.00	Pass	11.50
VHT40	MCS0	1	4	2427	13.80	30.00	1.10	14.90	36.00	Pass	13.50
VHT40	MCS0	1	6	2437	15.30	30.00	1.10	16.40	36.00	Pass	15.00
VHT40	MCS0	1	8	2447	13.30	30.00	1.10	14.40	36.00	Pass	13.00
VHT40	MCS0	1	9	2452	12.40	30.00	1.10	13.50	36.00	Pass	12.00

Report Number : FR562603C

TEST RESULTS DATA
Average Output Power

2.4GHz Band Single Antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Setting
						Ant22	Ant22	Ant22	Ant22	Ant22		Ant 22
HE20	MCS0	1	1	2412	Full	12.70	30.00	1.10	13.80	36.00	Pass	12.50
HE20	MCS0	1	1	2412	26/0	10.10	30.00	1.10	11.20	36.00	Pass	10.00
HE20	MCS0	1	1	2412	52/37	12.10	30.00	1.10	13.20	36.00	Pass	12.00
HE20	MCS0	1	1	2412	106/53	14.10	30.00	1.10	15.20	36.00	Pass	14.00
HE20	MCS0	1	6	2437	Full	14.50	30.00	1.10	15.60	36.00	Pass	14.00
HE20	MCS0	1	11	2462	Full	14.30	30.00	1.10	15.40	36.00	Pass	14.00
HE20	MCS0	1	11	2462	26/8	10.10	30.00	1.10	11.20	36.00	Pass	10.00
HE20	MCS0	1	11	2462	52/40	12.20	30.00	1.10	13.30	36.00	Pass	12.00
HE20	MCS0	1	11	2462	106/54	14.20	30.00	1.10	15.30	36.00	Pass	14.00
HE40	MCS0	1	3	2422	Full	12.60	30.00	1.10	13.70	36.00	Pass	12.00
HE40	MCS0	1	6	2437	Full	14.60	30.00	1.10	15.70	36.00	Pass	14.00
HE40	MCS0	1	9	2452	Full	12.60	30.00	1.10	13.70	36.00	Pass	12.00

Report Number : FR562603C

TEST RESULTS DATA
Peak Output Power

2.4GHz Band Single Antenna										
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Peak Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant22	Ant22	Ant22	Ant22	Ant22	
11b	1Mbps	1	1	2412	17.36	30.00	1.10	18.46	36.00	Pass
11b	1Mbps	1	6	2437	17.61	30.00	1.10	18.71	36.00	Pass
11b	1Mbps	1	11	2462	17.29	30.00	1.10	18.39	36.00	Pass
11g	6Mbps	1	1	2412	22.72	30.00	1.10	23.82	36.00	Pass
11g	6Mbps	1	6	2437	24.23	30.00	1.10	25.33	36.00	Pass
11g	6Mbps	1	11	2462	23.25	30.00	1.10	24.35	36.00	Pass
HT20	MCS0	1	1	2412	23.13	30.00	1.10	24.23	36.00	Pass
HT20	MCS0	1	6	2437	24.26	30.00	1.10	25.36	36.00	Pass
HT20	MCS0	1	11	2462	23.40	30.00	1.10	24.50	36.00	Pass
HT40	MCS0	1	3	2422	22.82	30.00	1.10	23.92	36.00	Pass
HT40	MCS0	1	4	2427	23.88	30.00	1.10	24.98	36.00	Pass
HT40	MCS0	1	6	2437	24.31	30.00	1.10	25.41	36.00	Pass
HT40	MCS0	1	8	2447	23.53	30.00	1.10	24.63	36.00	Pass
HT40	MCS0	1	9	2452	23.44	30.00	1.10	24.54	36.00	Pass
VHT20	MCS0	1	1	2412	22.83	30.00	1.10	23.93	36.00	Pass
VHT20	MCS0	1	6	2437	24.21	30.00	1.10	25.31	36.00	Pass
VHT20	MCS0	1	11	2462	23.27	30.00	1.10	24.37	36.00	Pass
VHT40	MCS0	1	3	2422	22.42	30.00	1.10	23.52	36.00	Pass
VHT40	MCS0	1	4	2427	23.74	30.00	1.10	24.84	36.00	Pass
VHT40	MCS0	1	6	2437	24.02	30.00	1.10	25.12	36.00	Pass
VHT40	MCS0	1	8	2447	23.40	30.00	1.10	24.50	36.00	Pass
VHT40	MCS0	1	9	2452	23.06	30.00	1.10	24.16	36.00	Pass

TEST RESULTS DATA
Peak Output Power

2.4GHz Band Single Antenna											
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Peak Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant22	Ant22	Ant22	Ant22	Ant22	
HE20	MCS0	1	1	2412	Full	22.14	30.00	1.10	23.24	36.00	Pass
HE20	MCS0	1	1	2412	26/0	20.20	30.00	1.10	21.30	36.00	Pass
HE20	MCS0	1	1	2412	52/37	22.23	30.00	1.10	23.33	36.00	Pass
HE20	MCS0	1	1	2412	106/53	23.30	30.00	1.10	24.40	36.00	Pass
HE20	MCS0	1	6	2437	Full	23.64	30.00	1.10	24.74	36.00	Pass
HE20	MCS0	1	11	2462	Full	23.45	30.00	1.10	24.55	36.00	Pass
HE20	MCS0	1	11	2462	26/8	20.22	30.00	1.10	21.32	36.00	Pass
HE20	MCS0	1	11	2462	52/40	22.06	30.00	1.10	23.16	36.00	Pass
HE20	MCS0	1	11	2462	106/54	23.33	30.00	1.10	24.43	36.00	Pass
HE40	MCS0	1	3	2422	Full	23.45	30.00	1.10	24.55	36.00	Pass
HE40	MCS0	1	6	2437	Full	23.86	30.00	1.10	24.96	36.00	Pass
HE40	MCS0	1	9	2452	Full	22.26	30.00	1.10	23.36	36.00	Pass

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band Single Antenna								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)	6dB BW (MHz)	6dB BW Limit (MHz)	Pass/Fail
					Ant22	Ant22		
11b	1Mbps	1	1	2412	12.98	8.34	0.50	Pass
11b	1Mbps	1	6	2437	13.05	8.34	0.50	Pass
11b	1Mbps	1	11	2462	13.13	8.36	0.50	Pass
11g	6Mbps	1	1	2412	16.51	16.06	0.50	Pass
11g	6Mbps	1	6	2437	16.58	16.28	0.50	Pass
11g	6Mbps	1	11	2462	16.54	15.66	0.50	Pass
HT20	MCS0	1	1	2412	17.66	17.07	0.50	Pass
HT20	MCS0	1	6	2437	17.73	17.27	0.50	Pass
HT20	MCS0	1	11	2462	17.69	16.87	0.50	Pass
HT40	MCS0	1	3	2422	36.28	35.78	0.50	Pass
HT40	MCS0	1	6	2437	36.62	36.14	0.50	Pass
HT40	MCS0	1	9	2452	36.22	35.78	0.50	Pass

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band Single Antenna									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Occupied BW (MHz)	6dB BW (MHz)	6dB BW Limit (MHz)	Pass/Fail
						Ant22	Ant22		
HE20	MCS0	1	1	2412	Full	18.88	18.31	0.50	Pass
HE20	MCS0	1	1	2412	26/0	-	2.17	0.50	Pass
HE20	MCS0	1	6	2437	Full	18.91	18.74	0.50	Pass
HE20	MCS0	1	11	2462	Full	18.89	17.99	0.50	Pass
HE20	MCS0	1	11	2462	26/8	-	2.21	0.50	Pass
HE40	MCS0	1	3	2422	Full	37.59	37.50	0.50	Pass
HE40	MCS0	1	6	2437	Full	37.68	37.32	0.50	Pass
HE40	MCS0	1	9	2452	Full	37.63	37.22	0.50	Pass

TEST RESULTS DATA
Peak Power Spectral Density

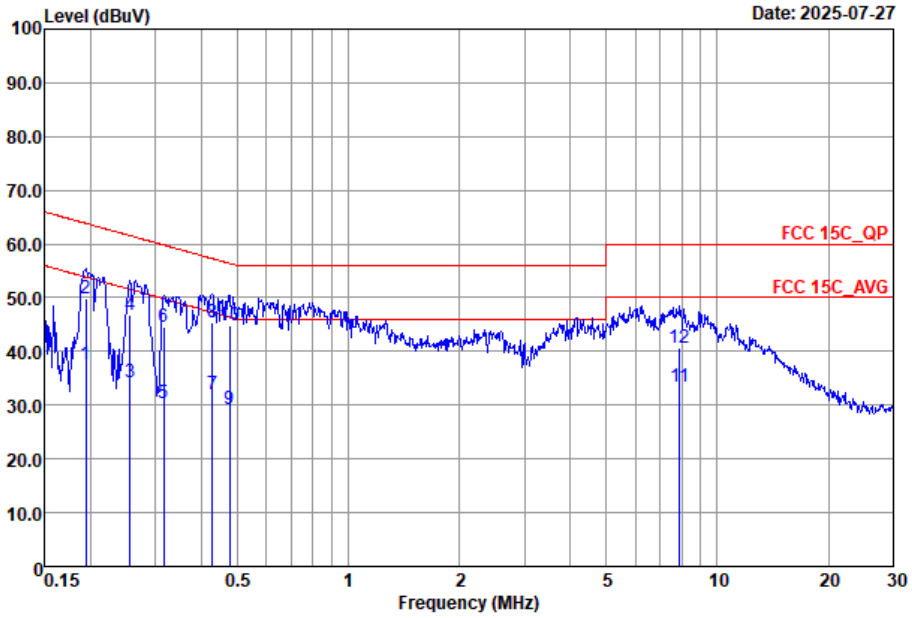
2.4GHz Band Single Antenna								
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)	DG (dBi)	Peak PSD Limit (dBm/3kHz)	Pass/Fail
					Ant22	Ant22	Ant22	
11b	1Mbps	1	1	2412	-8.10	1.10	8.00	Pass
11b	1Mbps	1	6	2437	-8.92	1.10	8.00	Pass
11b	1Mbps	1	11	2462	-8.18	1.10	8.00	Pass
11g	6Mbps	1	1	2412	-10.94	1.10	8.00	Pass
11g	6Mbps	1	6	2437	-9.23	1.10	8.00	Pass
11g	6Mbps	1	11	2462	-11.07	1.10	8.00	Pass
HT20	MCS0	1	1	2412	-12.31	1.10	8.00	Pass
HT20	MCS0	1	6	2437	-9.85	1.10	8.00	Pass
HT20	MCS0	1	11	2462	-10.42	1.10	8.00	Pass
HT40	MCS0	1	3	2422	-16.04	1.10	8.00	Pass
HT40	MCS0	1	6	2437	-11.19	1.10	8.00	Pass
HT40	MCS0	1	9	2452	-15.88	1.10	8.00	Pass

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band Single Antenna									
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Peak PSD (dBm/3kHz)	DG (dBi)	Peak PSD Limit (dBm/3kHz)	Pass/Fail
						Ant22	Ant22	Ant22	
HE20	MCS0	1	1	2412	Full	-12.95	1.10	8.00	Pass
HE20	MCS0	1	1	2412	26/0	-6.18	1.10	8.00	Pass
HE20	MCS0	1	1	2412	52/37	-8.71	1.10	8.00	Pass
HE20	MCS0	1	1	2412	106/53	-9.80	1.10	8.00	Pass
HE20	MCS0	1	6	2437	Full	-10.99	1.10	8.00	Pass
HE20	MCS0	1	11	2462	Full	-12.06	1.10	8.00	Pass
HE20	MCS0	1	11	2462	26/8	-6.73	1.10	8.00	Pass
HE20	MCS0	1	11	2462	52/40	-8.53	1.10	8.00	Pass
HE20	MCS0	1	11	2462	106/54	-8.78	1.10	8.00	Pass
HE40	MCS0	1	3	2422	Full	-16.63	1.10	8.00	Pass
HE40	MCS0	1	6	2437	Full	-12.69	1.10	8.00	Pass
HE40	MCS0	1	9	2452	Full	-16.76	1.10	8.00	Pass

Appendix B. AC Conducted Emission Test Results

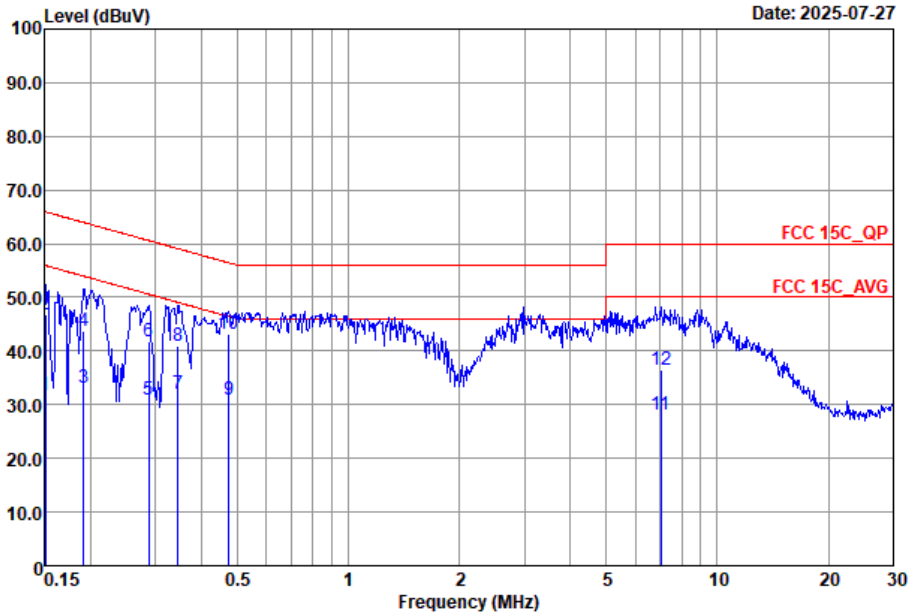
Test Engineer :	Ruibin Xu	**Temperature :**	22 ~ 24℃
		Relative Humidity :	44 ~ 50%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO02-SZ
Condition : FCC 15C_QP LISN_2025-L LINE

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.19	37.59	-16.25	53.84	17.70	9.71	10.18	Average
2	0.19	49.99	-13.85	63.84	30.10	9.71	10.18	QP
3	0.26	34.32	-17.24	51.56	14.39	9.73	10.20	Average
4	0.26	46.92	-14.64	61.56	26.99	9.73	10.20	QP
5	0.32	30.26	-19.54	49.80	10.30	9.75	10.21	Average
6	0.32	44.66	-15.14	59.80	24.70	9.75	10.21	QP
7	0.43	31.93	-15.36	47.29	12.00	9.70	10.23	Average
8	0.43	45.43	-11.86	57.29	25.50	9.70	10.23	QP
9	0.48	29.12	-17.29	46.41	9.19	9.69	10.24	Average
10 *	0.48	44.72	-11.69	56.41	24.79	9.69	10.24	QP
11	7.89	33.55	-16.45	50.00	13.71	9.63	10.21	Average
12	7.89	40.65	-19.35	60.00	20.81	9.63	10.21	QP

Test Engineer :	Ruibin Xu	**Temperature :**	22 ~ 24℃
		Relative Humidity :	44 ~ 50%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO02-SZ
Condition : FCC 15C_QP LISN_2025-N NEUTRAL

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	31.74	-24.22	55.96	12.00	9.55	10.19	Average
2	0.15	46.74	-19.22	65.96	27.00	9.55	10.19	QP
3	0.19	33.21	-20.77	53.98	13.20	9.83	10.18	Average
4	0.19	43.61	-20.37	63.98	23.60	9.83	10.18	QP
5	0.29	30.82	-19.77	50.59	10.81	9.81	10.20	Average
6	0.29	41.72	-18.87	60.59	21.71	9.81	10.20	QP
7	0.34	32.02	-17.07	49.09	12.20	9.60	10.22	Average
8	0.34	40.82	-18.27	59.09	21.00	9.60	10.22	QP
9	0.47	30.86	-15.59	46.45	10.59	10.03	10.24	Average
10 *	0.47	43.06	-13.39	56.45	22.79	10.03	10.24	QP
11	7.02	28.10	-21.90	50.00	8.10	9.77	10.23	Average
12	7.02	36.50	-23.50	60.00	16.50	9.77	10.23	QP

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)

Appendix C. Radiated Spurious Emission

Test Engineer :	Winter	Relative Humidity :	50%
		Temperature :	20℃-22℃

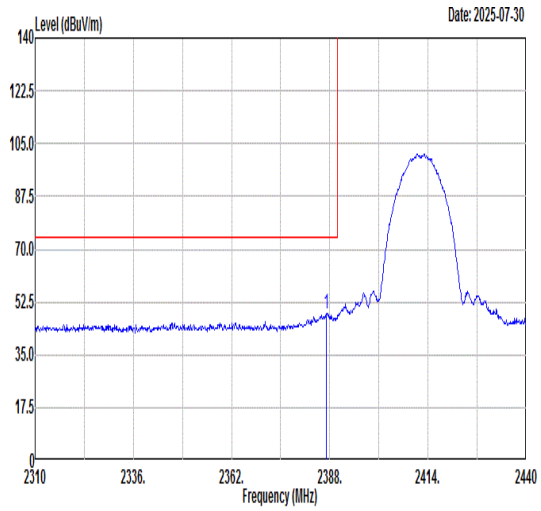
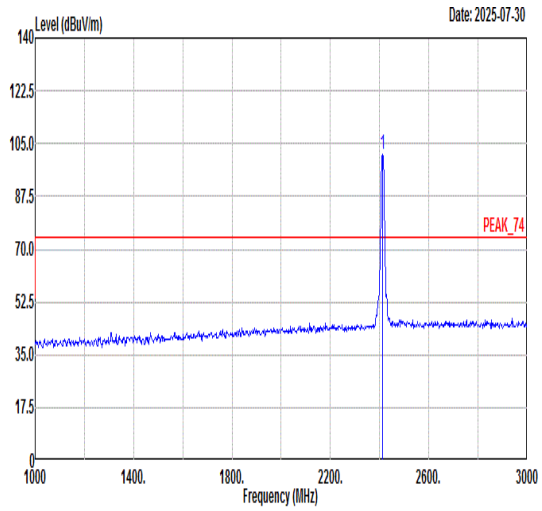
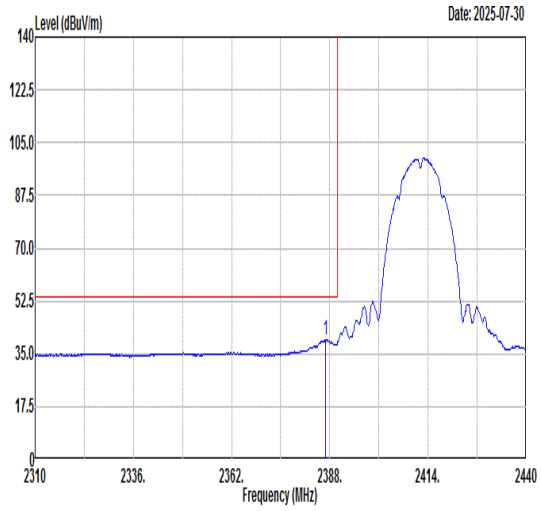
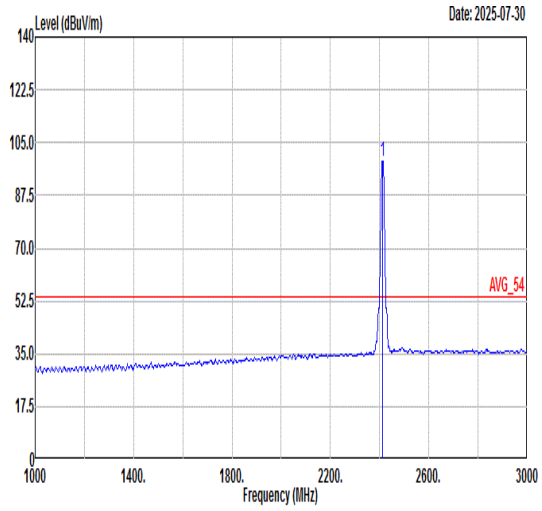
Radiated Spurious Emission Test Modes

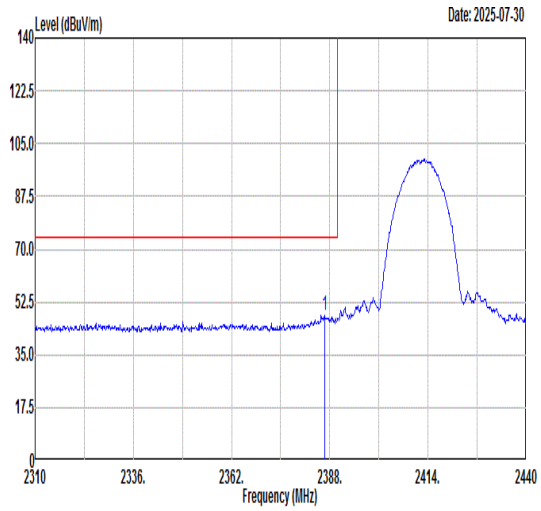
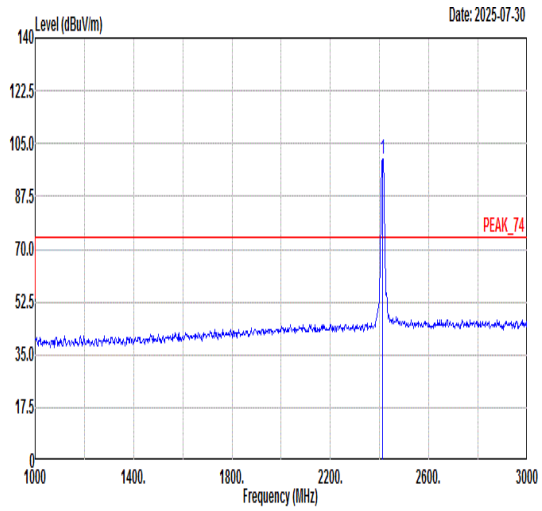
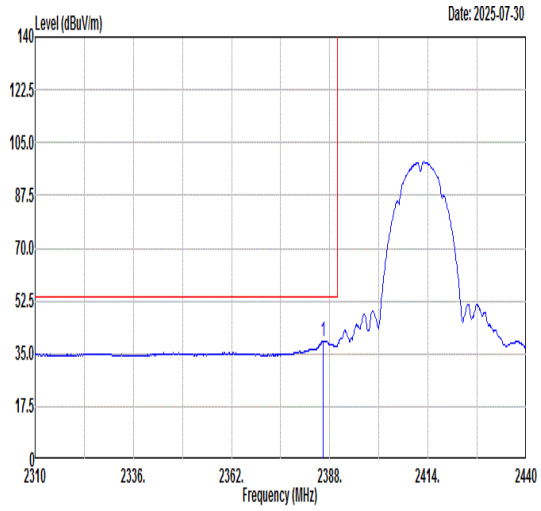
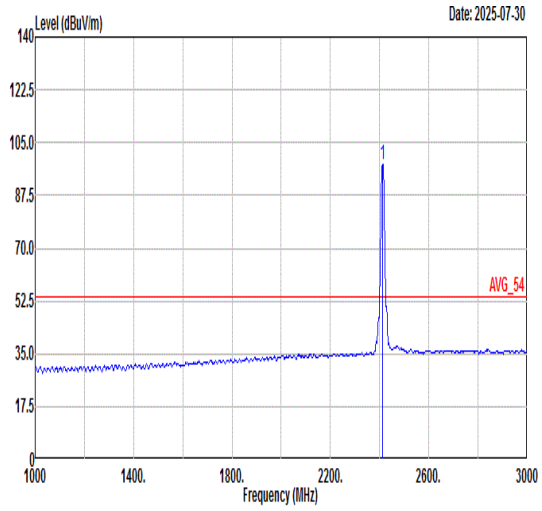
Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 12	2400-2483.5	22	802.11b	01	2412	1Mbps	-	-
Mode 13	2400-2483.5	22	802.11b	06	2437	1Mbps	-	-
Mode 14	2400-2483.5	22	802.11b	11	2462	1Mbps	-	-
Mode 15	2400-2483.5	22	802.11g	01	2412	6Mbps	-	-
Mode 16	2400-2483.5	22	802.11g	06	2437	6Mbps	-	-
Mode 17	2400-2483.5	22	802.11g	11	2462	6Mbps	-	-
Mode 18	2400-2483.5	22	802.11ax HE20	01	2412	MCS0	-	-
Mode 19	2400-2483.5	22	802.11ax HE20	06	2437	MCS0	-	-
Mode 20	2400-2483.5	22	802.11ax HE20	11	2462	MCS0	-	-
Mode 21	2400-2483.5	22	802.11ax HE40	03	2422	MCS0	-	-
Mode 22	2400-2483.5	22	802.11ax HE40	06	2437	MCS0	-	-
Mode 23	2400-2483.5	22	802.11ax HE40	09	2452	MCS0	-	-
Mode 24	2400-2483.5	22	802.11ax HE20	01	2412	MCS0	Partial RU	-
Mode 25	2400-2483.5	22	802.11ax HE20	11	2462	MCS0	Partial RU	-
Mode 26	2400-2483.5	22	802.11n HT20	01	2412	MCS0	-	-
Mode 27	2400-2483.5	22	802.11n HT20	06	2437	MCS0	-	-
Mode 28	2400-2483.5	22	802.11n HT20	11	2462	MCS0	-	-
Mode 29	2400-2483.5	22	802.11n HT40	03	2422	MCS0	-	-
Mode 30	2400-2483.5	22	802.11n HT40	06	2437	MCS0	-	-
Mode 31	2400-2483.5	22	802.11n HT40	09	2452	MCS0	-	-
Mode 32	2400-2483.5	22	802.11ax HE40	03	2422	MCS0	-	LF
Mode 33	2400-2483.5	22	802.11n HT40	04	2427	MCS0	-	-
Mode 34	2400-2483.5	22	802.11n HT40	08	2447	MCS0	-	-
Mode 36 CO-TX	2400-2483.5	22	802.11ax HE40	03	2422	MCS0	-	-
	LTE B13 LINK							-

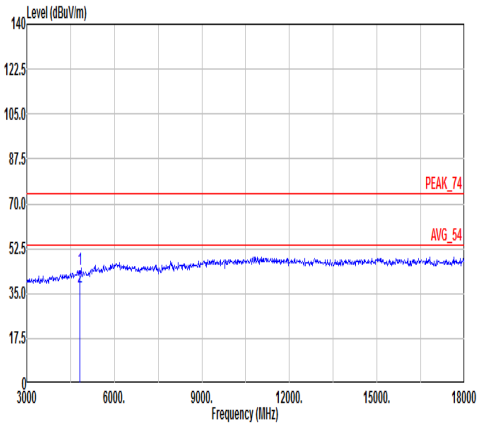
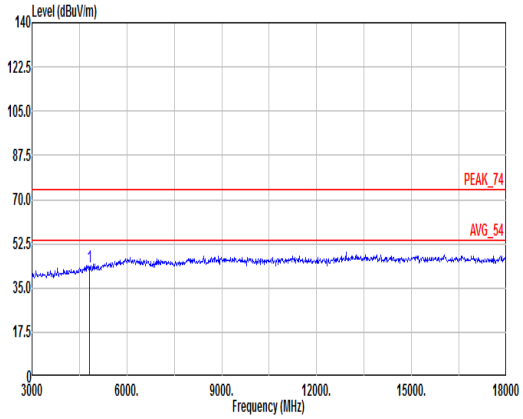
Summary of each worse mode

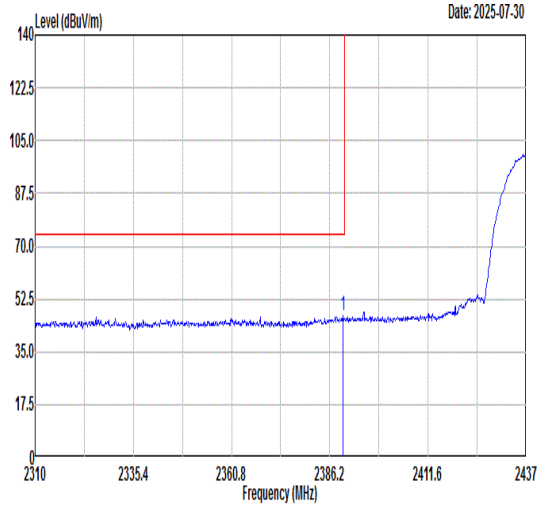
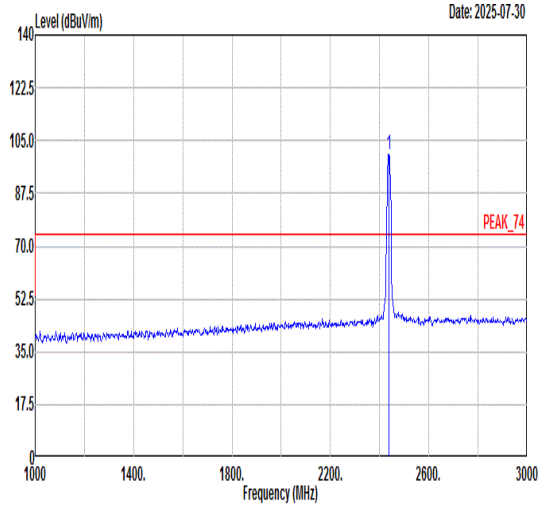
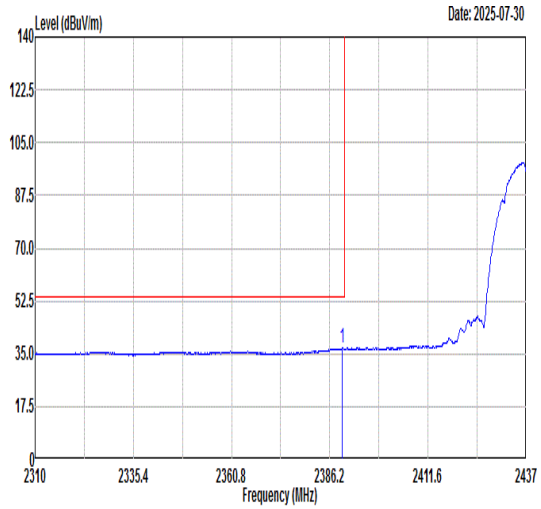
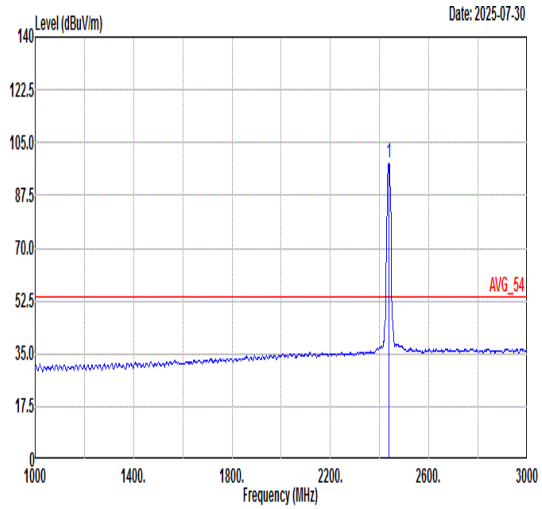
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
12	802.11b	01	2386.96	39.65	54.00	-14.35	H	AVERAGE	Pass	Band Edge
12	802.11b	01	4824.00	37.26	54.00	-16.74	H	Average	Pass	Harmonic
13	802.11b	06	2484.38	37.75	54.00	-16.25	H	AVERAGE	Pass	Band Edge
13	802.11b	06	4874.00	47.03	54.00	-6.97	H	Average	Pass	Harmonic
14	802.11b	11	2483.51	38.21	54.00	-15.79	H	AVERAGE	Pass	Band Edge
14	802.11b	11	4924.00	37.80	54.00	-16.20	H	Average	Pass	Harmonic
15	802.11g	01	-	-	-	-	-	-	-	Band Edge
15	802.11g	01	4824.00	44.52	74.00	-29.48	H	Peak	Pass	Harmonic
16	802.11g	06	-	-	-	-	-	-	-	Band Edge
16	802.11g	06	7311.00	45.77	74.00	-28.23	H	Peak	Pass	Harmonic
17	802.11g	11	-	-	-	-	-	-	-	Band Edge
17	802.11g	11	7386.00	45.34	74.00	-28.66	V	Peak	Pass	Harmonic
18	802.11ax HE20	01	2389.82	48.88	54.00	-5.12	H	AVERAGE	Pass	Band Edge
18	802.11ax HE20	01	4824.00	45.05	74.00	-28.95	V	Peak	Pass	Harmonic
19	802.11ax HE20	06	2484.38	38.28	54.00	-15.72	H	AVERAGE	Pass	Band Edge
19	802.11ax HE20	06	4874.00	46.18	74.00	-27.82	V	Peak	Pass	Harmonic
20	802.11ax HE20	11	2483.51	50.71	54.00	-3.29	H	AVERAGE	Pass	Band Edge
20	802.11ax HE20	11	7386.00	46.09	74.00	-27.91	V	Peak	Pass	Harmonic
21	802.11ax HE40	03	2389.97	51.84	54.00	-3.16	H	AVERAGE	Pass	Band Edge
21	802.11ax HE40	03	7266.00	46.36	74.00	-27.64	H	Peak	Pass	Harmonic
22	802.11ax HE40	06	2389.88	49.28	54.00	-4.72	H	AVERAGE	Pass	Band Edge
22	802.11ax HE40	06	-	-	-	-	-	-	-	Harmonic
23	802.11ax HE40	09	2484.35	50.63	54.00	-3.37	H	AVERAGE	Pass	Band Edge
23	802.11ax HE40	09	-	-	-	-	-	-	-	Harmonic
24	802.11ax HE20	01	2389.56	43.46	54.00	-10.54	H	AVERAGE	Pass	Band Edge
24	802.11ax HE20	01	-	-	-	-	-	-	-	Harmonic
25	802.11ax HE20	11	2483.55	42.48	54.00	-11.52	H	AVERAGE	Pass	Band Edge
25	802.11ax HE20	11	-	-	-	-	-	-	-	Harmonic
26	802.11n HT20	01	2389.95	48.86	54.00	-5.14	H	AVERAGE	Pass	Band Edge
26	802.11n HT20	01	4824.00	42.71	74.00	-31.29	H	Peak	Pass	Harmonic
27	802.11n HT20	06	2483.56	37.35	54.00	-16.65	H	AVERAGE	Pass	Band Edge
27	802.11n HT20	06	7311.00	44.98	74.00	-29.02	V	Peak	Pass	Harmonic
28	802.11n HT20	11	2483.51	48.60	54.00	-5.40	H	AVERAGE	Pass	Band Edge
28	802.11n HT20	11	7386.00	44.80	74.00	-29.20	V	Peak	Pass	Harmonic
29	802.11n HT40	03	2389.63	50.82	54.00	-3.18	H	AVERAGE	Pass	Band Edge
29	802.11n HT40	03	-	-	-	-	-	-	-	Harmonic

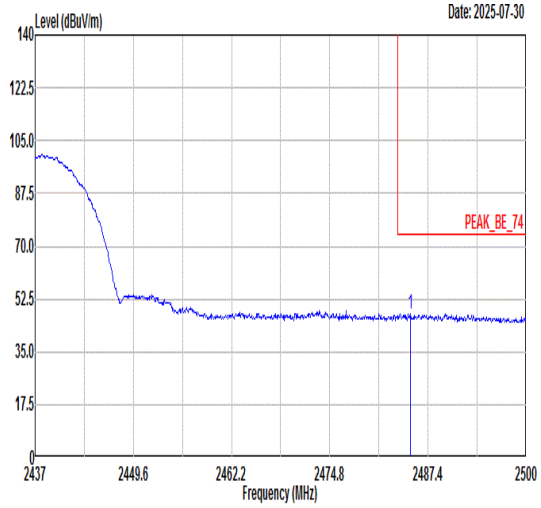
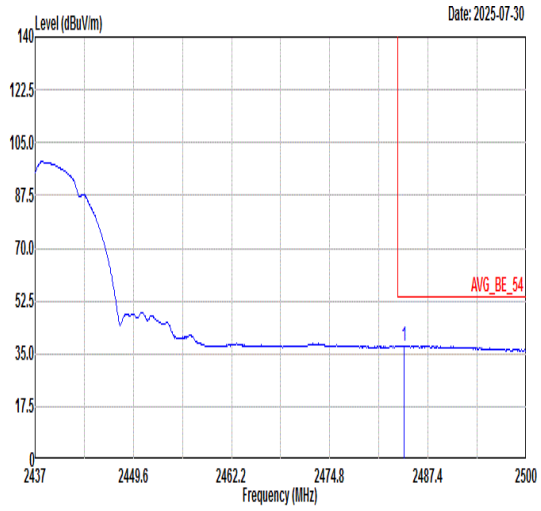
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
30	802.11n HT40	06	2389.88	49.88	54.00	-4.12	H	AVERAGE	Pass	Band Edge
30	802.11n HT40	06	-	-	-	-	-	-	-	Harmonic
31	802.11n HT40	09	2484.50	50.00	54.00	-4.00	H	AVERAGE	Pass	Band Edge
31	802.11n HT40	09	-	-	-	-	-	-	-	Harmonic
32	802.11ax HE40	03	33.88	30.88	40.00	-9.92	V	PEAK	Pass	LF
32	802.11ax HE40	03	-	-	-	-	-	-	-	Harmonic
33	802.11n HT40	04	2389.41	50.49	54.00	-3.51	H	AVERAGE	Pass	Band Edge
33	802.11n HT40	04	-	-	-	-	-	-	-	Harmonic
34	802.11n HT40	08	2484.02	50.64	54.00	-3.36	H	AVERAGE	Pass	Band Edge
34	802.11n HT40	08	-	-	-	-	-	-	-	Harmonic
36	802.11ax HE40	03	2389.97	50.38	54.00	-3.62	H	AVERAGE	Pass	Band Edge
36	802.11ax HE40	03	7266.00	44.89	74.00	-29.11	V	Peak	Pass	Harmonic

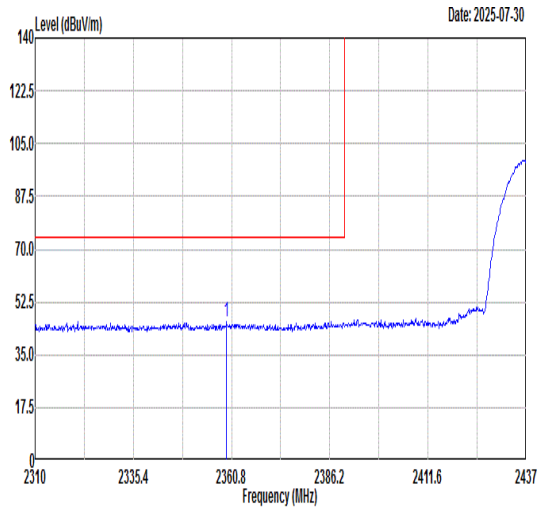
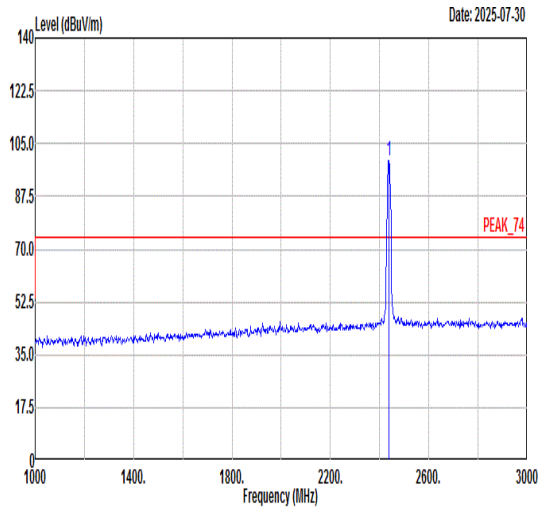
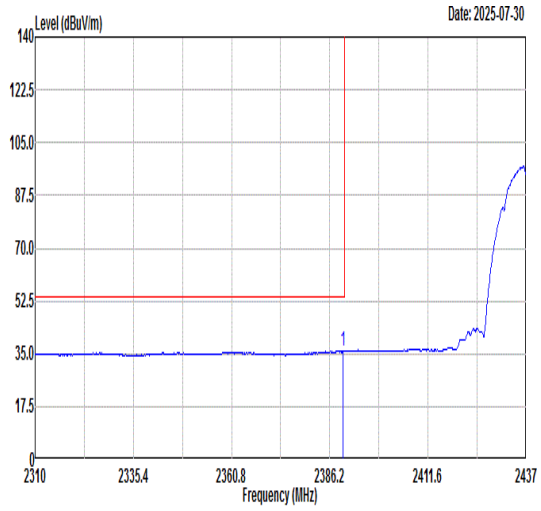
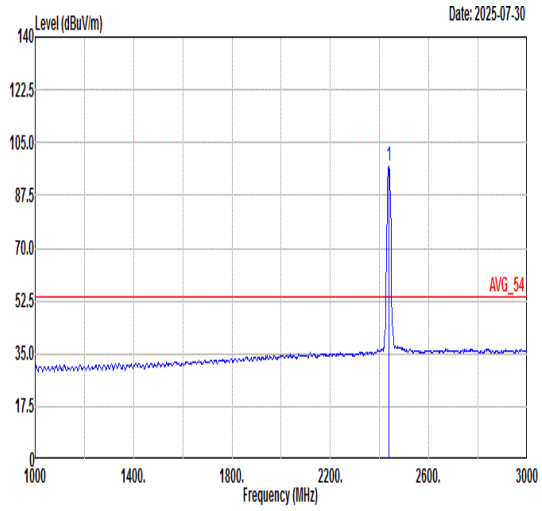
Mode	12	
	Band Edge	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	22	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2387.09 48.79 74.00 -25.21 45.16 32.42 5.36 34.15 400 48 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 101.36 ------ ------ 97.66 32.46 5.38 34.14 400 48 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2386.96 39.65 54.00 -14.35 36.02 32.42 5.36 34.15 400 48 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 99.05 ------ ------ 95.35 32.46 5.38 34.14 400 48 AVERAGE

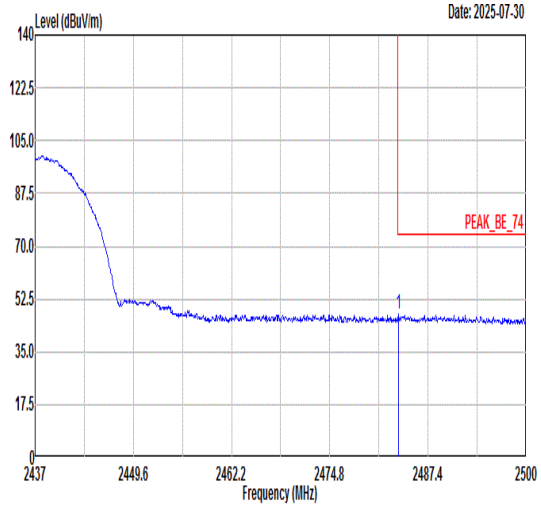
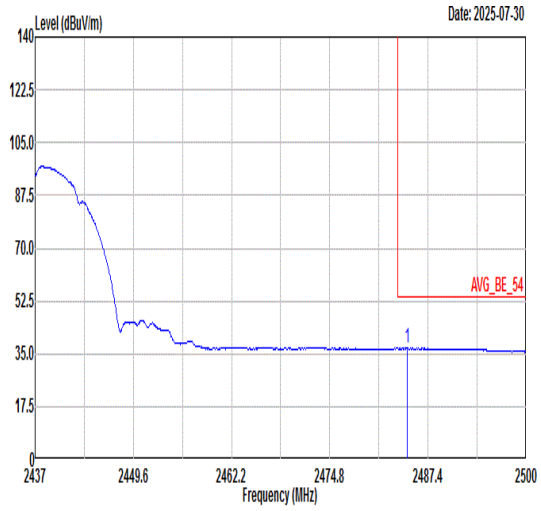
Mode	12	
	Band Edge	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	22	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2386.57 48.10 74.00 -25.90 44.47 32.42 5.36 34.15 202 114 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2412.00 99.71 ------ ------ 96.00 32.46 5.38 34.13 202 114 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2386.31 39.11 54.00 -14.89 35.48 32.42 5.36 34.15 202 114 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2412.00 97.63 ------ ------ 93.93 32.46 5.38 34.14 202 114 AVERAGE

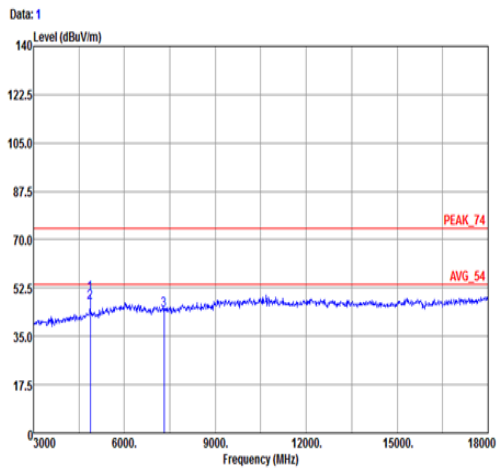
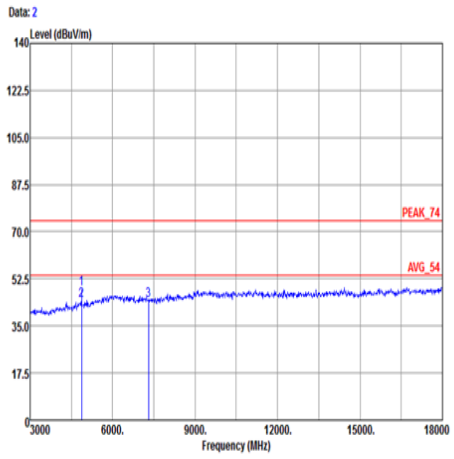
Mode	12	
	Harmonic	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	22	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 44.48 74.00 -29.52 65.42 35.02 8.88 64.84 389 31 Peak 2 4824.00 37.26 54.00 -16.74 58.20 35.02 8.88 64.84 389 31 Average	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 43.38 74.00 -30.62 64.32 35.02 8.88 64.84 --- --- Peak

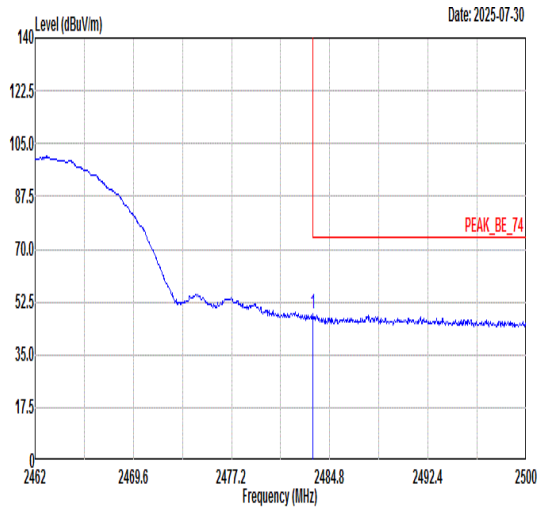
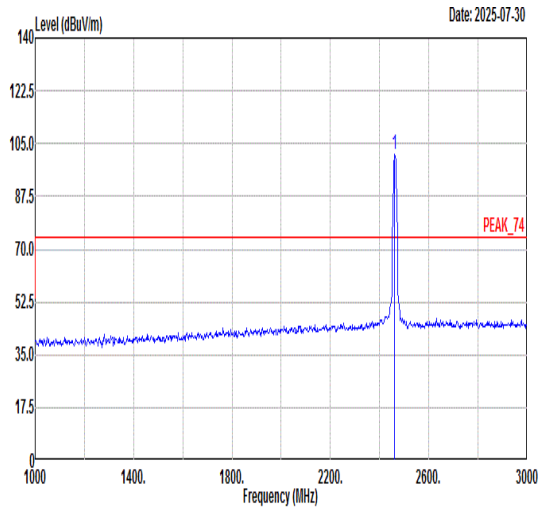
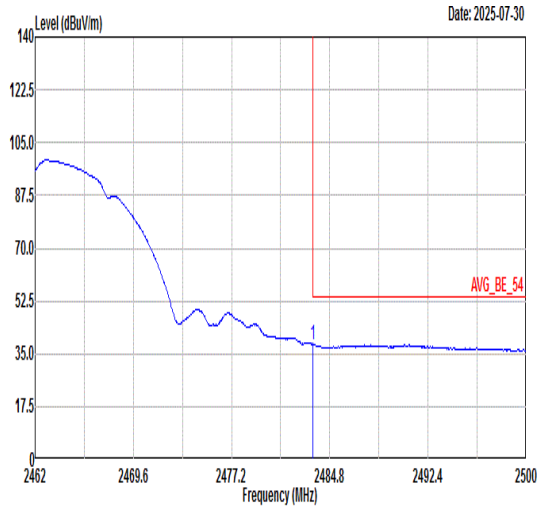
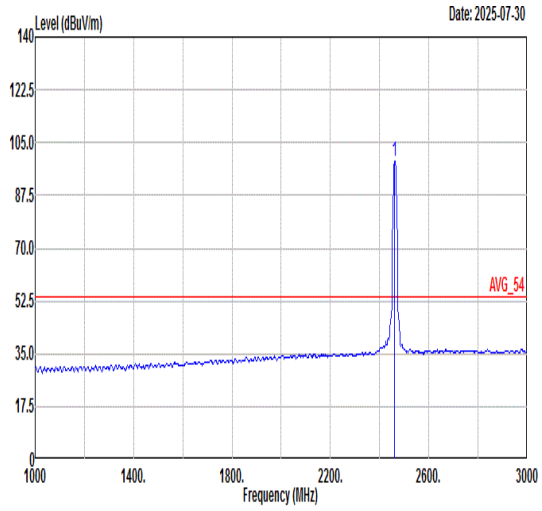
Mode	13	
	Band Edge - L	
	2400-2483.5_802.11b_CH06_2437MHz	
ANT	22	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.63 47.27 74.00 -26.73 43.63 32.42 5.36 34.14 100 43 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 100.56 ------ ------ 96.78 32.50 5.41 34.13 100 43 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.50 36.92 54.00 -17.08 33.28 32.42 5.36 34.14 100 43 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 98.19 ------ ------ 94.40 32.50 5.41 34.12 100 43 AVERAGE

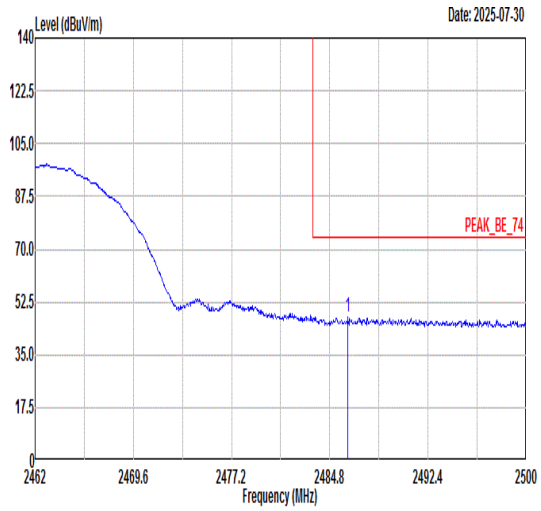
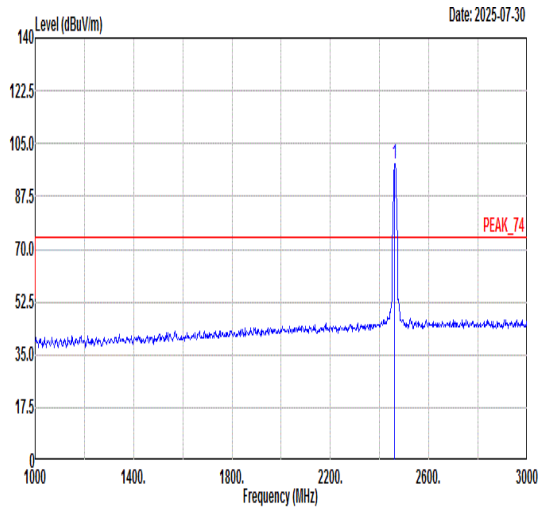
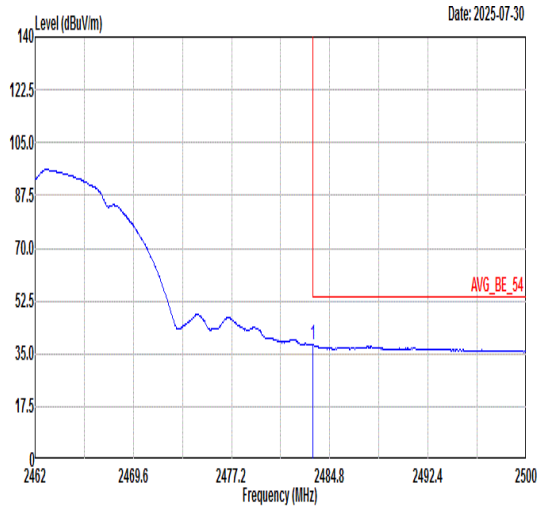
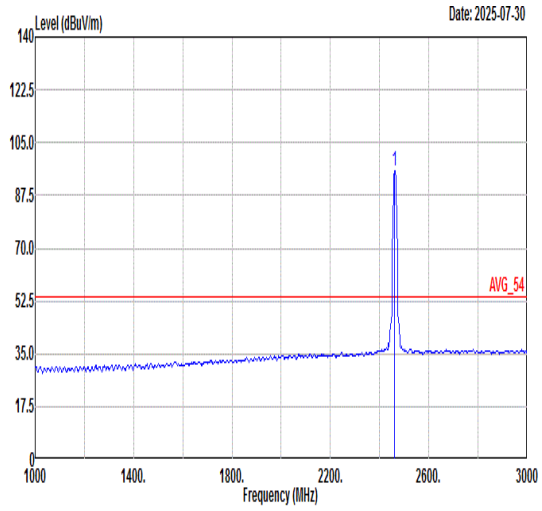
Mode	13	
	Band Edge - R	
	2400-2483.5_802.11b_CH06_2437MHz	
ANT	22	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2485.13 47.63 74.00 -26.37 43.22 32.58 5.94 34.11 100 43 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2484.38 37.75 54.00 -16.25 33.34 32.58 5.94 34.11 100 43 AVERAGE	Blank

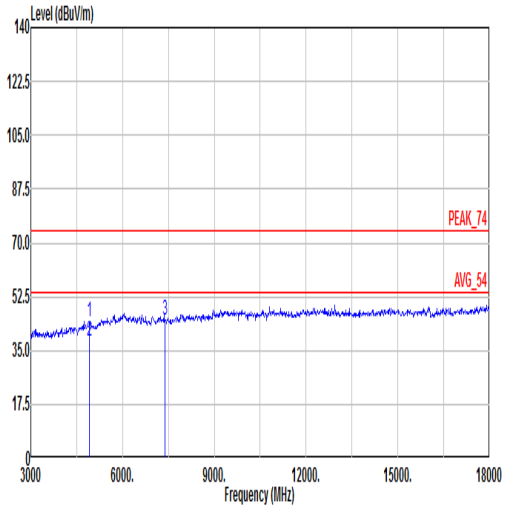
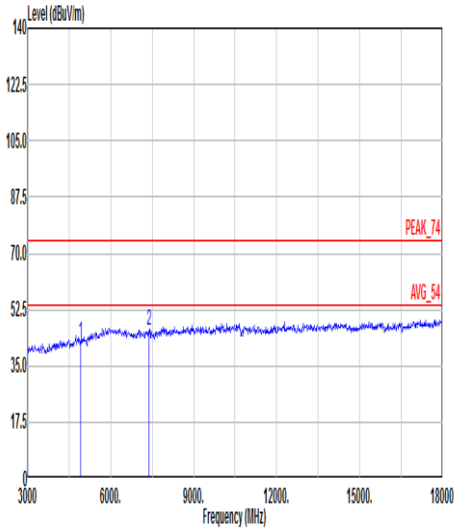
Mode	13	
	Band Edge - L	
	2400-2483.5_802.11b_CH06_2437MHz	
ANT	22	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2359.53 46.01 74.00 -27.99 42.46 32.38 5.33 34.16 200 54 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 99.37 ------ ------ 95.59 32.50 5.41 34.13 200 54 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.63 36.05 54.00 -17.95 32.41 32.42 5.36 34.14 200 54 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 97.10 ------ ------ 93.31 32.50 5.41 34.12 200 54 AVERAGE

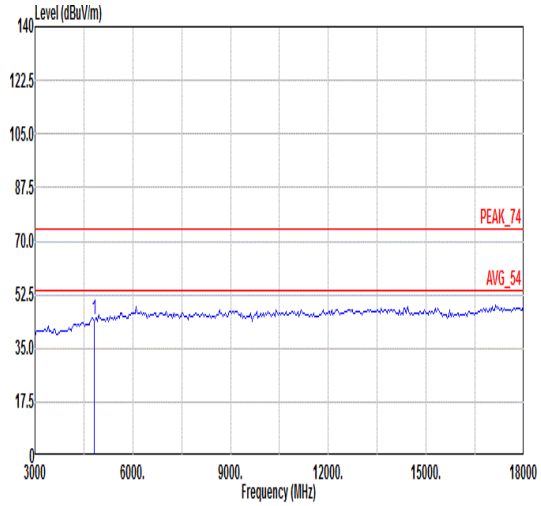
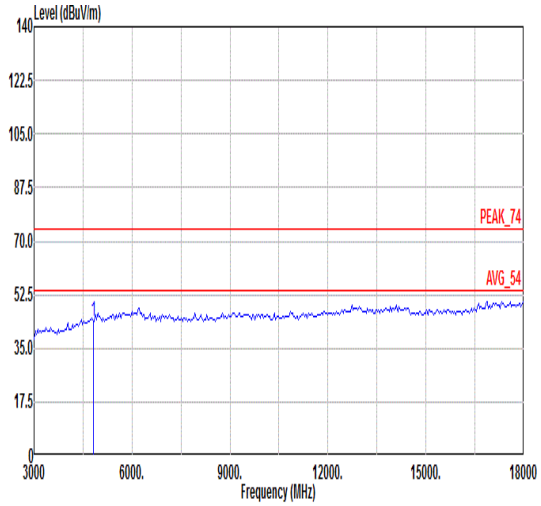
Mode	13	
	Band Edge - R	
	2400-2483.5_802.11b_CH06_2437MHz	
ANT	22	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.62 47.29 74.00 -26.71 42.88 32.57 5.95 34.11 200 54 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2484.69 36.91 54.00 -17.09 32.50 32.58 5.94 34.11 200 54 AVERAGE	Blank

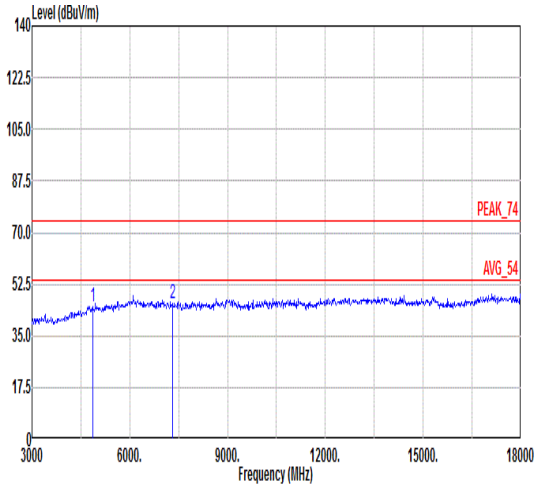
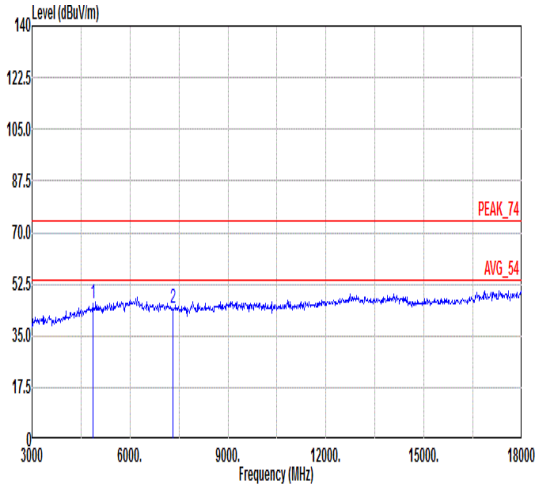
Mode	13	
	Harmonic	
	2400-2483.5_802.11b_CH06_2437MHz	
ANT	22	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Over Limit Limit Line ReadLevel Antenna Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 4874.00 50.25 -23.75 74.00 71.25 35.07 8.76 64.83 400 19 Peak 2 4874.00 47.03 -6.97 54.00 68.03 35.07 8.76 64.83 400 19 Average 3 7311.00 44.61 -29.39 74.00 63.34 36.10 10.18 65.01 --- --- Peak	 Freq Level Over Limit Limit Line ReadLevel Antenna Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 4874.00 48.60 -25.40 74.00 69.60 35.07 8.76 64.83 358 2 Peak 2 4874.00 44.47 -9.53 54.00 65.47 35.07 8.76 64.83 358 2 Average 3 7311.00 44.63 -29.37 74.00 63.36 36.10 10.18 65.01 --- --- Peak

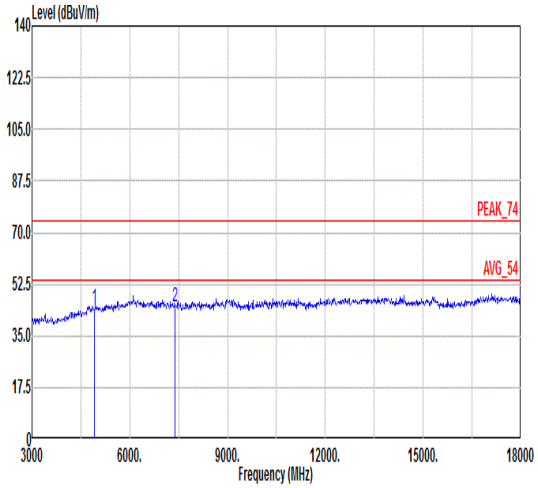
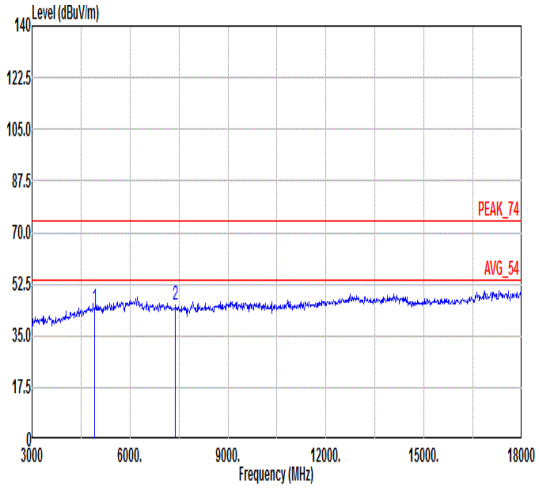
Mode	14	
	Band Edge	
	2400-2483.5_802.11b_CH11_2462MHz	
ANT	22	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.51 48.78 74.00 -25.22 44.37 32.57 5.95 34.11 200 33 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2462.00 101.29 ------ ------ 97.19 32.54 5.68 34.12 200 33 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.51 38.21 54.00 -15.79 33.80 32.57 5.95 34.11 200 33 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2462.00 98.97 ------ ------ 94.87 32.54 5.68 34.12 200 33 AVERAGE

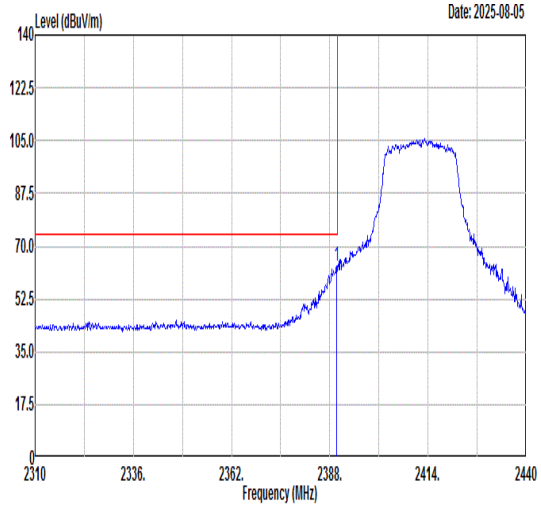
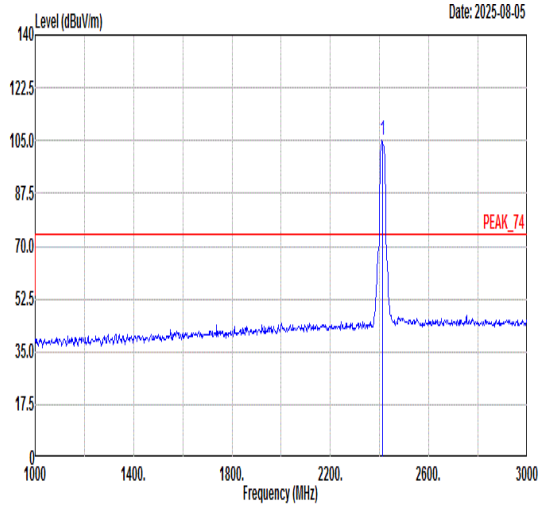
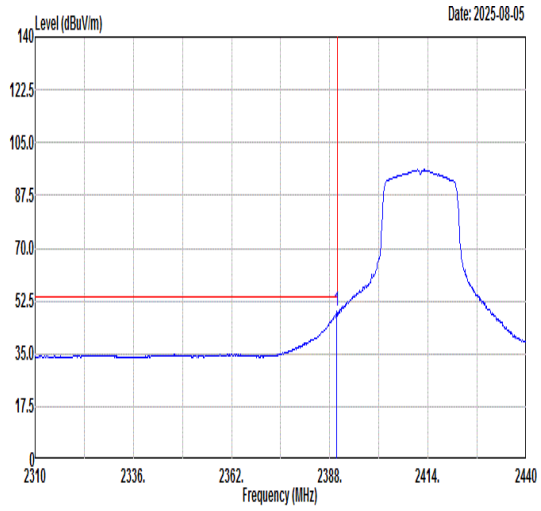
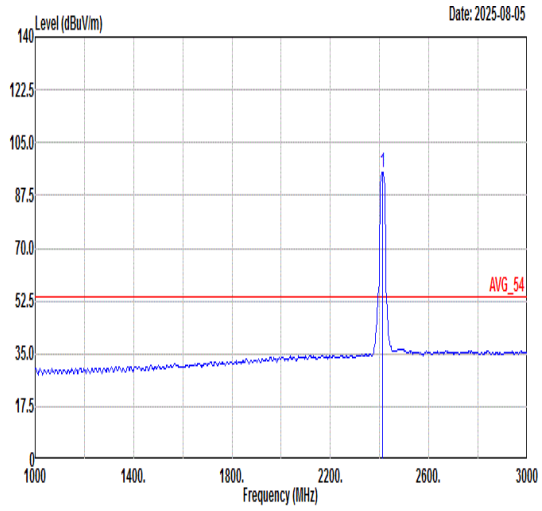
Mode	14	
	Band Edge	
	2400-2483.5_802.11b_CH11_2462MHz	
ANT	22	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2486.21 47.58 74.00 -26.42 43.17 32.58 5.94 34.11 200 49 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2462.00 98.44 ------ ------ 94.34 32.54 5.68 34.12 200 49 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.51 37.98 54.00 -16.02 33.57 32.57 5.95 34.11 200 49 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2462.00 95.78 ------ ------ 91.68 32.54 5.68 34.12 200 49 AVERAGE

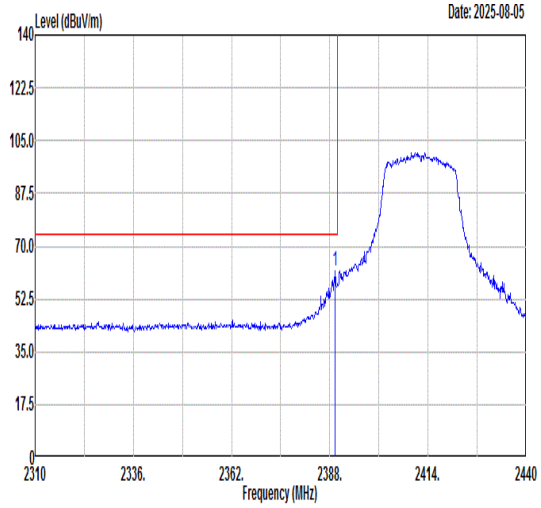
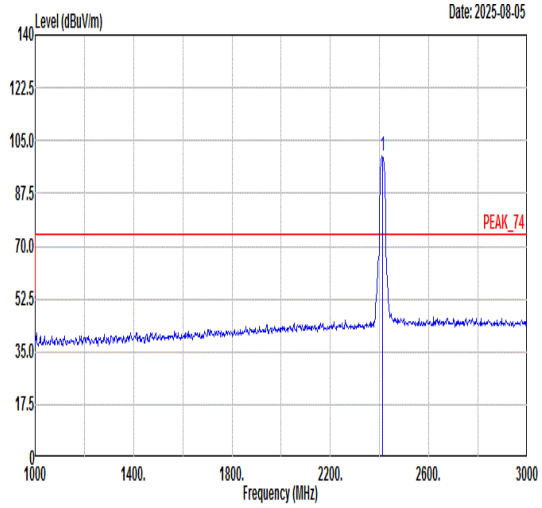
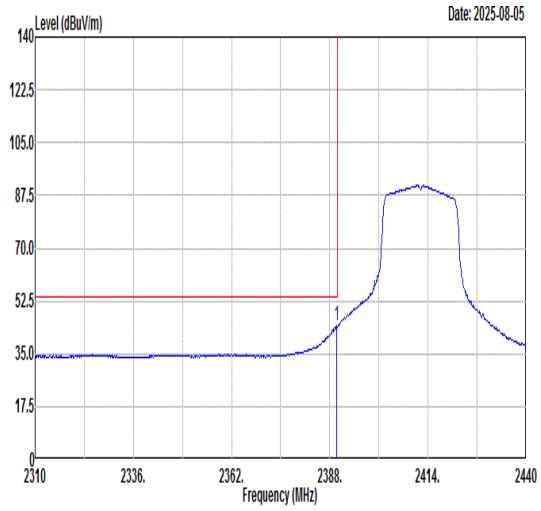
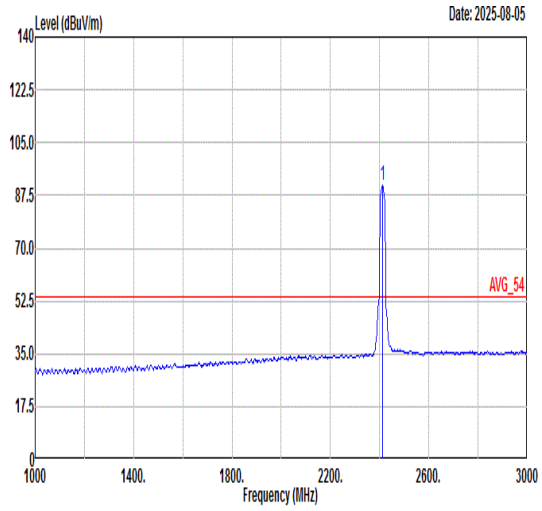
Mode	14	
	Harmonic	
	2400-2483.5_802.11b_CH11_2462MHz	
ANT	22	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4924.00 44.21 74.00 -29.79 65.34 35.12 8.57 64.82 388 22 Peak 2 4924.00 37.80 54.00 -16.20 58.93 35.12 8.57 64.82 388 22 Average 3 7386.00 44.67 74.00 -29.33 63.37 36.10 10.18 64.98 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4924.00 42.30 74.00 -31.70 63.43 35.12 8.57 64.82 --- --- Peak 2 7386.00 45.74 74.00 -28.26 64.44 36.10 10.18 64.98 --- --- Peak

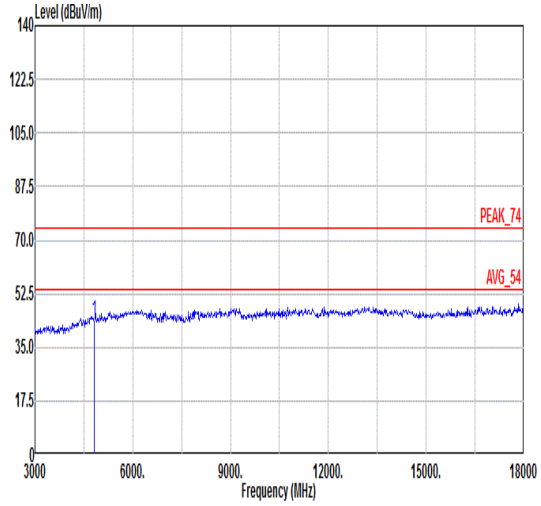
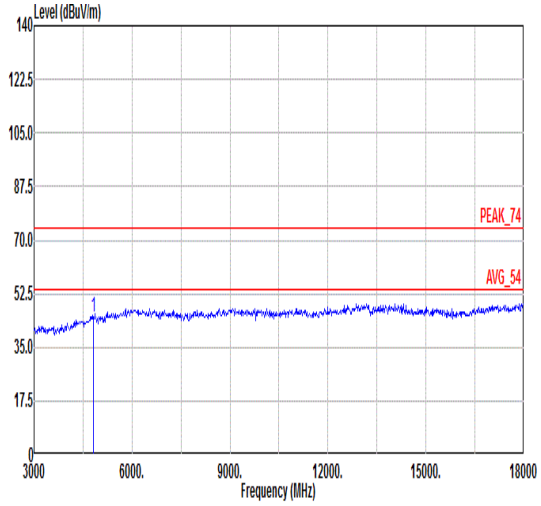
Mode	15	
	Harmonic	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	22	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 44.52 74.00 -29.48 64.06 36.42 8.88 64.84 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 43.97 74.00 -30.03 63.51 36.42 8.88 64.84 --- --- Peak

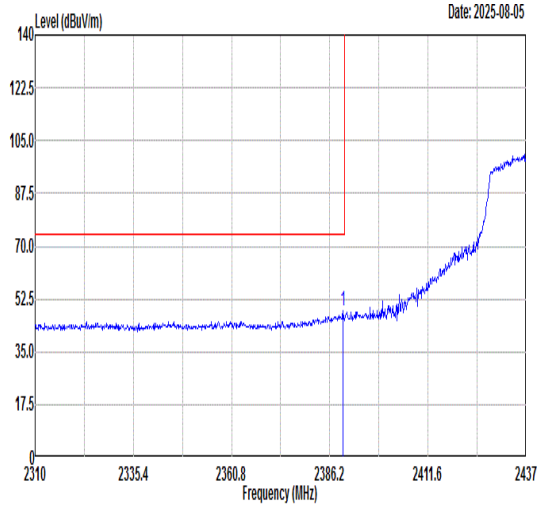
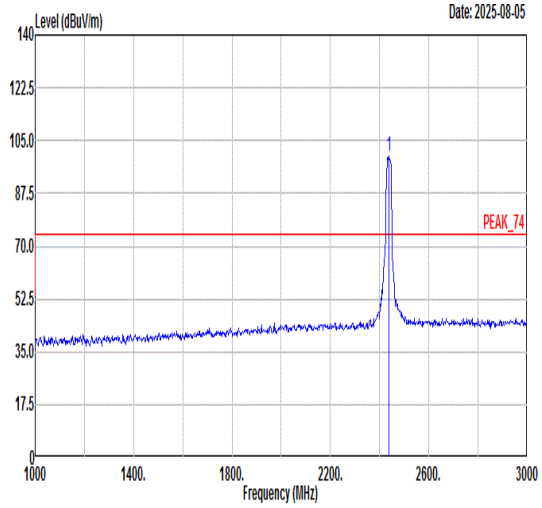
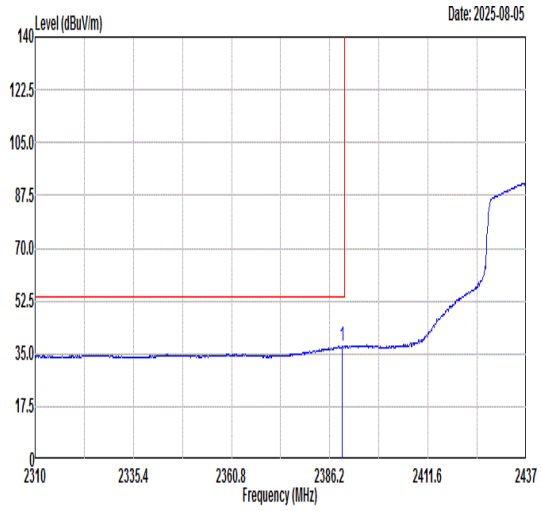
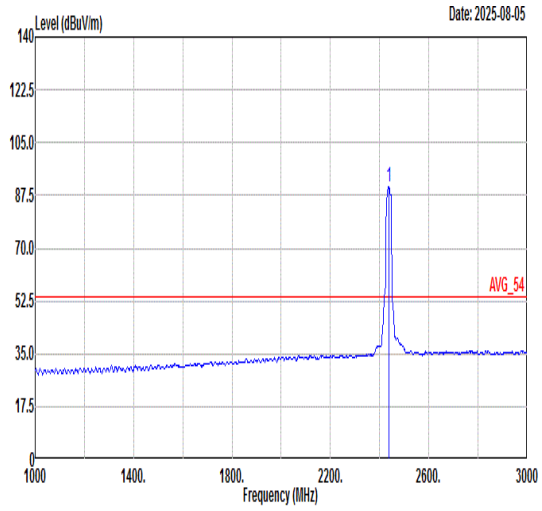
Mode	16	
	Harmonic	
	2400-2483.5_802.11g_CH06_2437MHz	
ANT	22	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 44.95 74.00 -29.05 64.56 36.50 8.72 64.83 --- --- Peak 2 7311.00 45.77 74.00 -28.23 63.71 36.89 10.18 65.01 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 45.70 74.00 -28.30 65.31 36.50 8.72 64.83 --- --- Peak 2 7311.00 44.52 74.00 -29.48 62.46 36.89 10.18 65.01 --- --- Peak

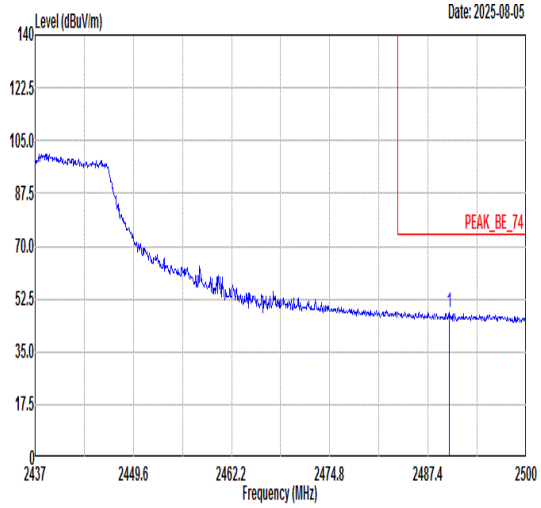
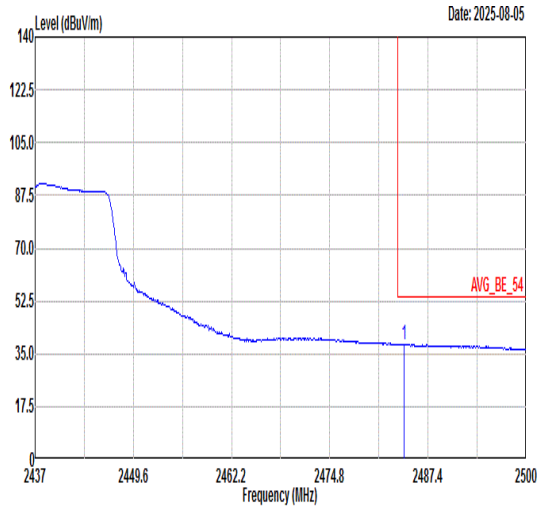
Mode	17	
	Harmonic	
	2400-2483.5_802.11g_CH11_2462MHz	
ANT	22	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4924.00 44.30 74.00 -29.70 63.97 36.58 8.57 64.82 --- --- Peak 2 7386.00 44.83 74.00 -29.17 62.82 36.81 10.18 64.98 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4924.00 44.48 74.00 -29.52 64.15 36.58 8.57 64.82 --- --- Peak 2 7386.00 45.34 74.00 -28.66 63.33 36.81 10.18 64.98 --- --- Peak

Mode	18	
	Band Edge	
	2400-2483.5_802.11ax HE20_CH01_2412MHz	
ANT	22	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.82 63.34 74.00 -10.66 59.70 32.42 5.36 34.14 400 13 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 105.06 ------ ------ 101.36 32.46 5.38 34.14 400 13 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.82 48.88 54.00 -5.12 45.24 32.42 5.36 34.14 400 13 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 95.29 ------ ------ 91.59 32.46 5.38 34.14 400 13 AVERAGE

Mode	18	
	Band Edge	
	2400-2483.5_802.11ax HE20_CH01_2412MHz	
ANT	22	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.43 62.07 74.00 -11.93 58.43 32.42 5.36 34.14 200 43 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2412.00 99.67 ------ ------ 95.97 32.46 5.38 34.14 200 43 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.82 44.18 54.00 -9.82 40.54 32.42 5.36 34.14 200 43 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2412.00 90.62 ------ ------ 86.92 32.46 5.38 34.14 200 43 AVERAGE

Mode	18	
	Harmonic	
	2400-2483.5_802.11ax HE20_CH01_2412MHz	
ANT	22	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 43.95 74.00 -30.05 63.49 36.42 8.88 64.84 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 45.05 74.00 -28.95 64.59 36.42 8.88 64.84 --- --- Peak

Mode	19	
	Band Edge - L	
	2400-2483.5_802.11ax HE20_CH06_2437MHz	
ANT	22	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.63 48.67 74.00 -25.33 45.03 32.42 5.36 34.14 367 20 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2437.00 99.83 ------ ------ 96.04 32.50 5.41 34.12 367 20 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.38 37.47 54.00 -16.53 33.83 32.42 5.36 34.14 367 20 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2437.00 90.50 ------ ------ 86.72 32.50 5.41 34.13 367 20 AVERAGE

Mode	19	
	Band Edge - R	
	2400-2483.5_802.11ax HE20_CH06_2437MHz	
ANT	22	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2490.17 48.24 74.00 -25.76 43.84 32.58 5.92 34.10 367 20 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2484.38 38.28 54.00 -15.72 33.87 32.58 5.94 34.11 367 20 AVERAGE	Blank