



FCC RF Test Report

APPLICANT : Amazon.com Services LLC
EQUIPMENT : Digital Media Receiver
MODEL NAME : FS738N
FCC ID : 2A4DH-8512
STANDARD : FCC Part 15 Subpart C §15.247
CLASSIFICATION : (DTS) Digital Transmission System
TEST DATE(S) : Jan. 21, 2026 ~ Jun. 05, 2026

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



Sporton International Inc. (ShenZhen)

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People's Republic of China



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR503104-01C	Rev. 01	Initial issue of report	Mar. 18, 2026
FR503104-01C	Rev. 02	- Added duty factor for average power in Appendix A - Added conducted power and RSE test data for 802.11g CH2/CH3/CH9/CH10. - Added test plots for RSE above 18GHz in Appendix C - Updated duty cycle plots in Appendix D This report is an updated version, replacing the report issued on Mar. 18, 2026.	Jun. 10, 2026

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.247(a)(2)	6dB Bandwidth	$\geq 0.5\text{MHz}$	Pass	-
3.1	-	99% Bandwidth	-	Report Only	-
3.2	15.247(b)	Conducted Output Power	$\leq 30\text{dBm}$	Pass	-
3.3	15.247(e)	Power Spectral Density	$\leq 8\text{dBm}/3\text{kHz}$	Pass	-
3.4	15.247(d)	Conducted Band Edges	$\leq 20\text{dBc}$	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 3.45 dB at 2483.55 MHz
3.6	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 22.16 dB at 2.704 MHz
3.7	15.203 & 15.247(b)	Antenna Requirement	15.203 & 15.247(b)	Pass	-

Conformity Assessment Condition:

- 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/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
- 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

Amazon.com Services LLC

410 Terry Avenue N Seattle, WA 98109-5210 United States

1.2 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	FS738N
FCC ID	2A4DH-8512
SN	Conducted: P0B4N501601400P1 Conduction: G0B559016027004R Radiation: G0B559016027002S

1.3 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Channel Frequency Range	2412 MHz ~ 2472 MHz
Maximum (Peak) Output Power to antenna	802.11b : 18.47 dBm (0.0703W) 802.11g : 24.92 dBm (0.3105W) 802.11n HT20 : 23.89 dBm (0.2449W)) 802.11ax HE20 : 23.96 dBm (0.2489W)
99% Occupied Bandwidth	802.11b : 12.77MHz 802.11g : 16.97MHz 802.11n HT20 : 18.06MHz 802.11ax HE20 : 19.03MHz
Antenna Type / Gain	FPC antenna type with gain 4 dBi
Type of Modulation	802.11b : DSSS (DBPSK / DQPSK / CCK) 802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ax : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM)

For 802.11n/11ax mode, the whole testing have assessed only 802.11ax HE20 by referring to the higher output power for RSE testing.

1.4 Modification of EUT

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



1.5 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

1.6 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH04-SZ	AUDIX	E3	6.2009-8-24
2.	CO02-SZ	EMC32	R&S	V10.60.20

1.7 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
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ ANSI C63.10-2020+Cor.1-2023

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 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	8	2447
	2	2417	9	2452
	3	2422	10	2457
	4	2427	11	2462
	5	2432	12	2467
	6	2437	13	2472
	7	2442	-	-



2.2 Test Mode

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

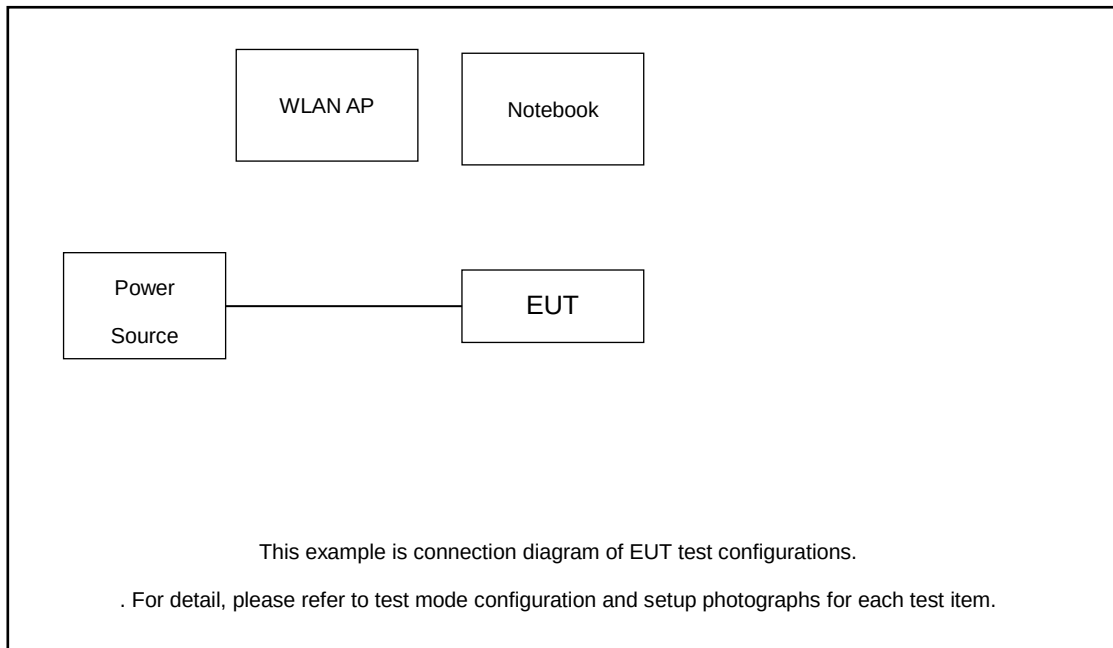
Modulation	Data Rate
802.11b	1 Mbps
802.11g	6 Mbps
802.11n HT20	MCS0
802.11ax HE20	MCS0

Test Cases	
AC Conducted Emission	Mode 1 :WLAN Link (2.4G) + Powered by Adapter
Remark: For Radiated Test Cases, The tests were performance with Adapter	

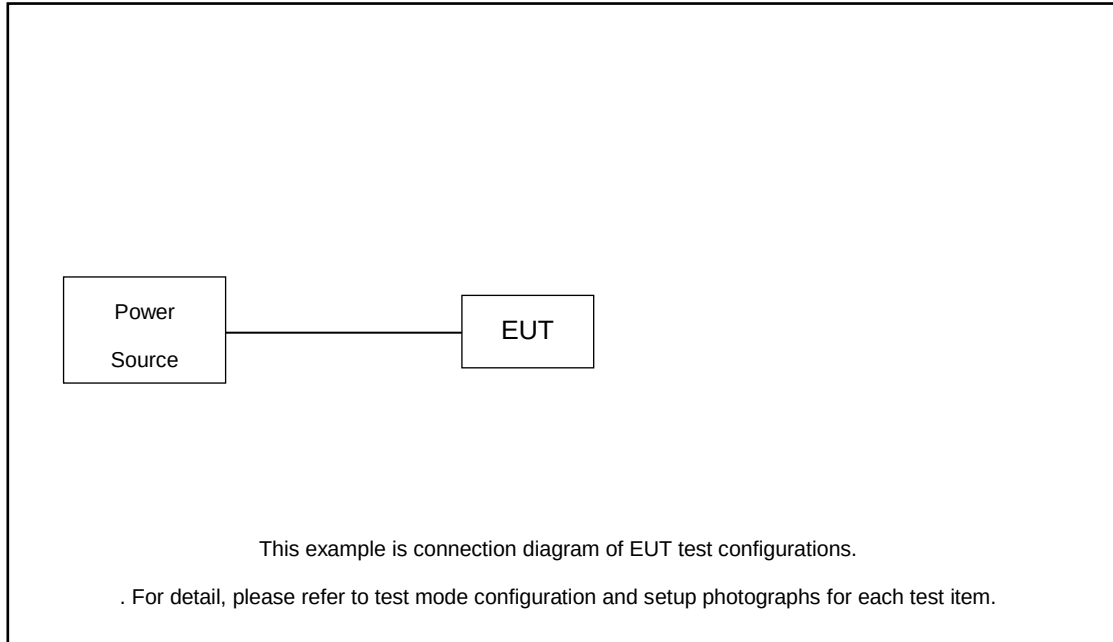
RSE Co-location
Bluetooth-LE_CH39 2480 2Mbps + 2400-2483.5_802.11ax HE20_CH11_Full RU _2462MHz Zigbee CH26 2480MHz + 2400-2483.5_802.11ax HE20_CH11_Full RU _2462MHz

2.3 Connection Diagram of Test System

AC Conducted Emission:



Radiated Emission:





2.4 Support Unit used in test configuration and system

Item	Equipment	Model Name	FCC ID	Data Cable	Power Cord
1.	NB	DELL	Latiude 3400	N/A	N/A
2.	WLAN AP	Dlink	DIR-820L	KA2IR820LA1	N/A
3.	WLAN AP	NETHEAR	RAXE500	PY320300508	N/A

2.5 EUT Operation Test Setup

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

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 1.8 dB and 10dB attenuator.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 1.8 + 10 = 11.8 \text{ (dB)}\end{aligned}$$

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.

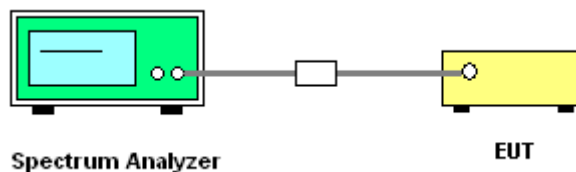
3.1.2 Measuring Instruments

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) $\geq 3 \times \text{RBW}$. 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.

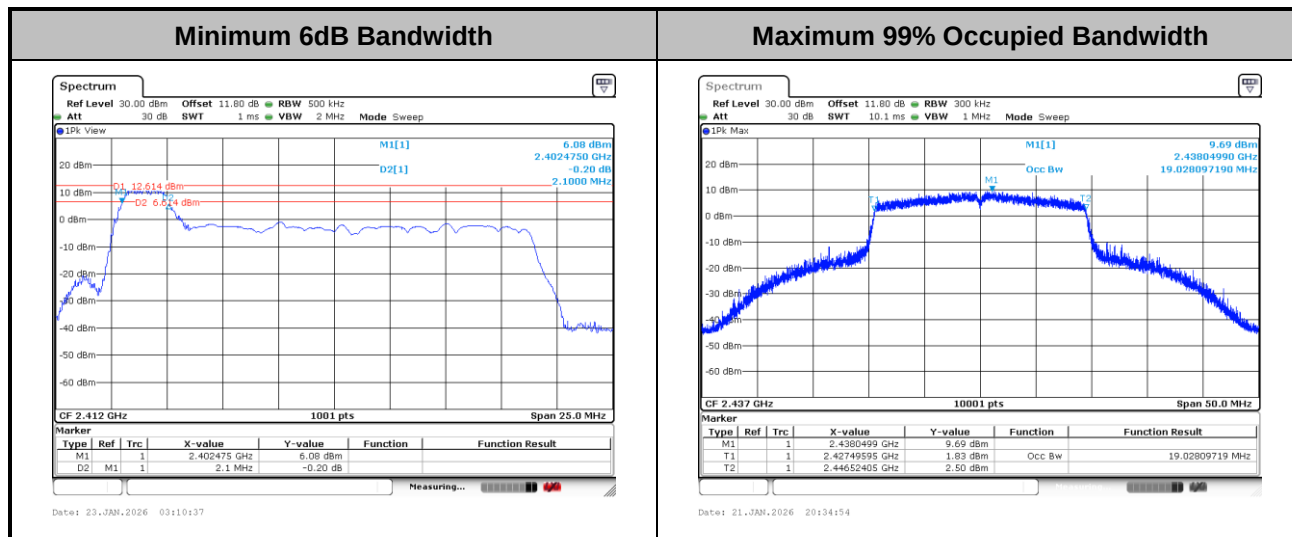
3.1.4 Test Setup





3.1.5 Test Result of 6dB and 99% Occupied Bandwidth

Please refer to Appendix A.



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.

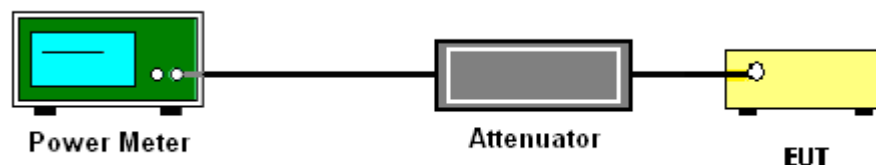
3.2.2 Measuring Instruments

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.

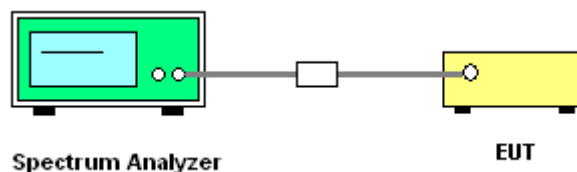
3.3.2 Measuring Instruments

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.

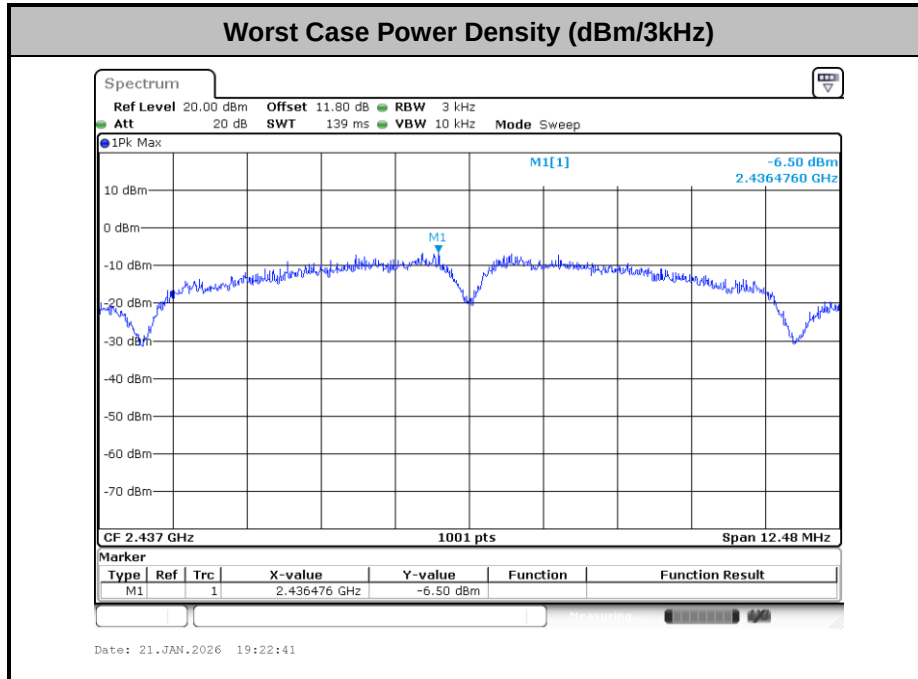
3.3.4 Test Setup





3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



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 / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement.

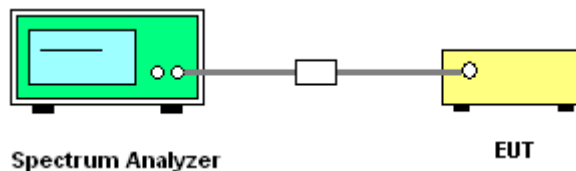
3.4.2 Measuring Instruments

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

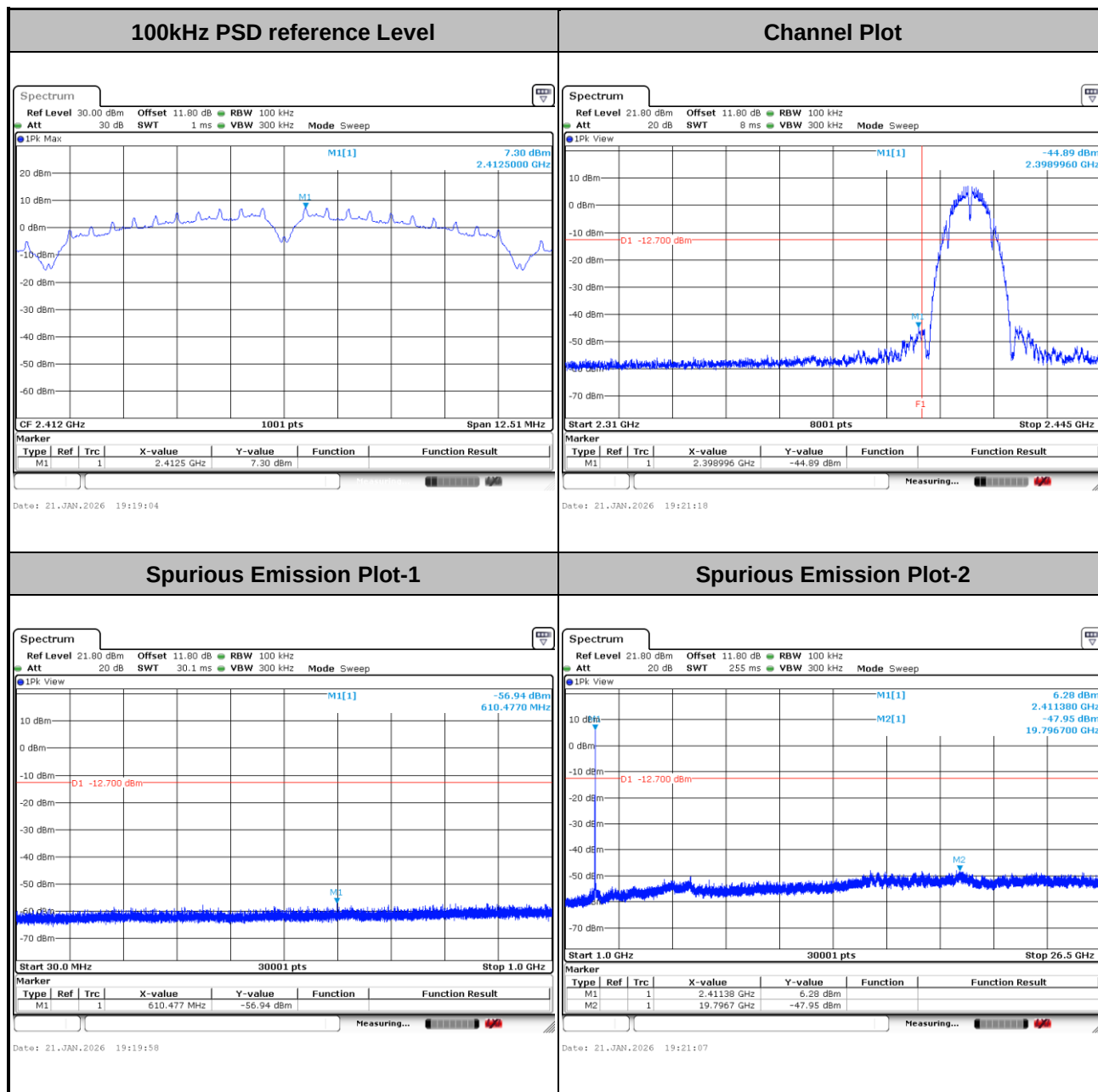




3.4.5 Test Result of Conducted Band Edges and Spurious Emission

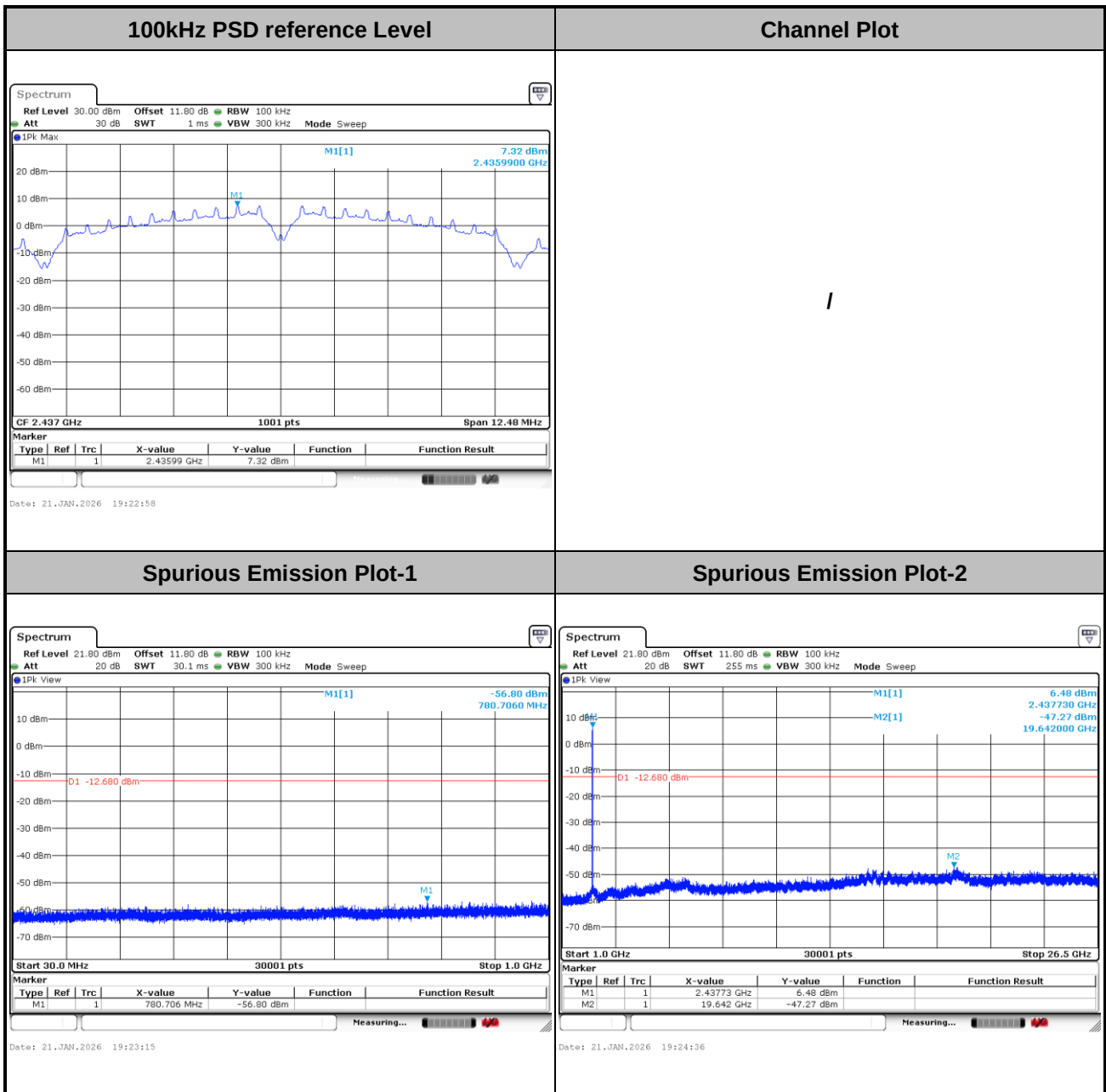
Test Engineer :	Liu Qiu Qiu	Temperature :	21~25°C
		Relative Humidity :	51~54%

Test Mode :	802.11b	Test Channel :	01
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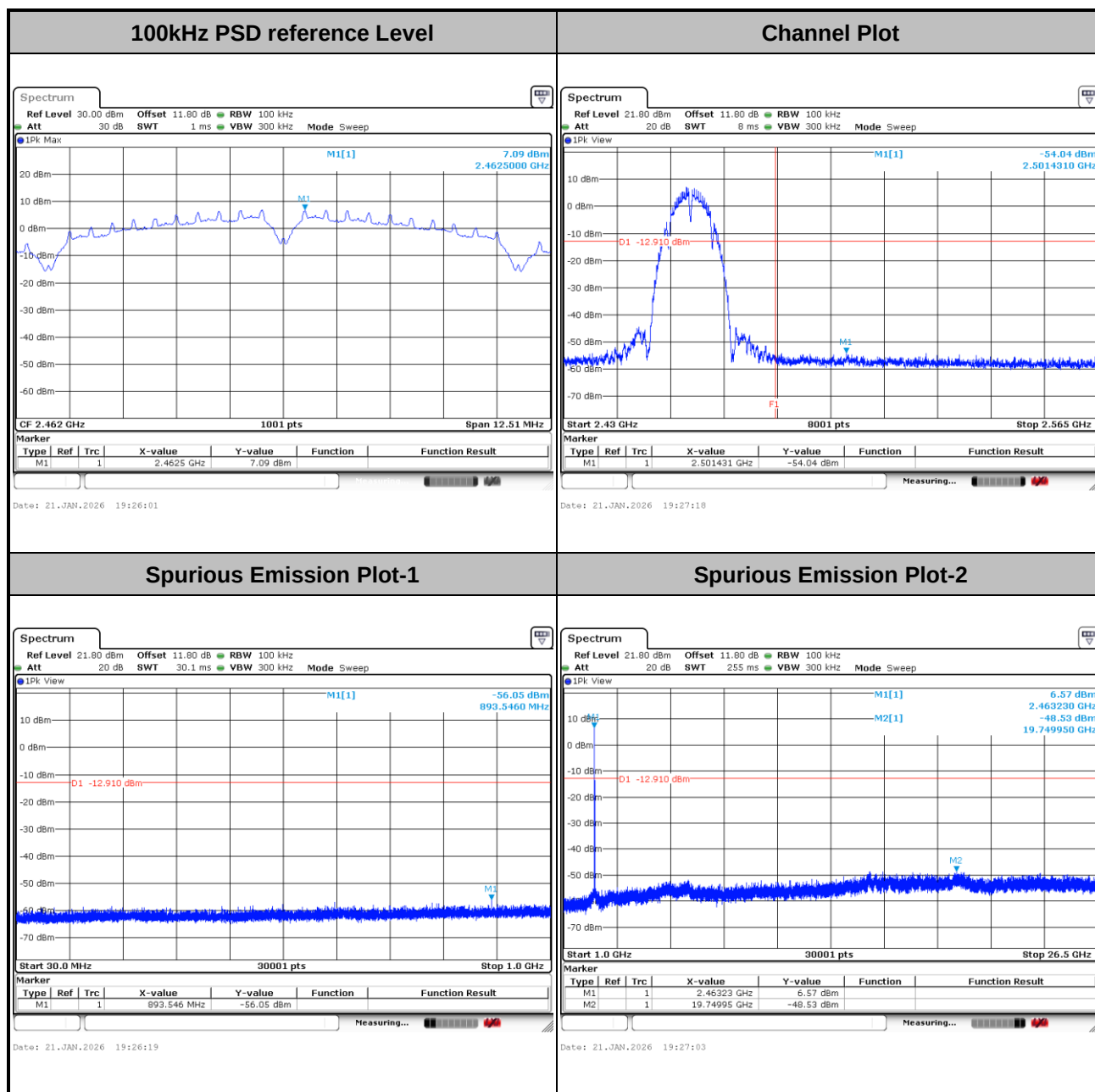


Test Mode :	802.11b	Test Channel :	06
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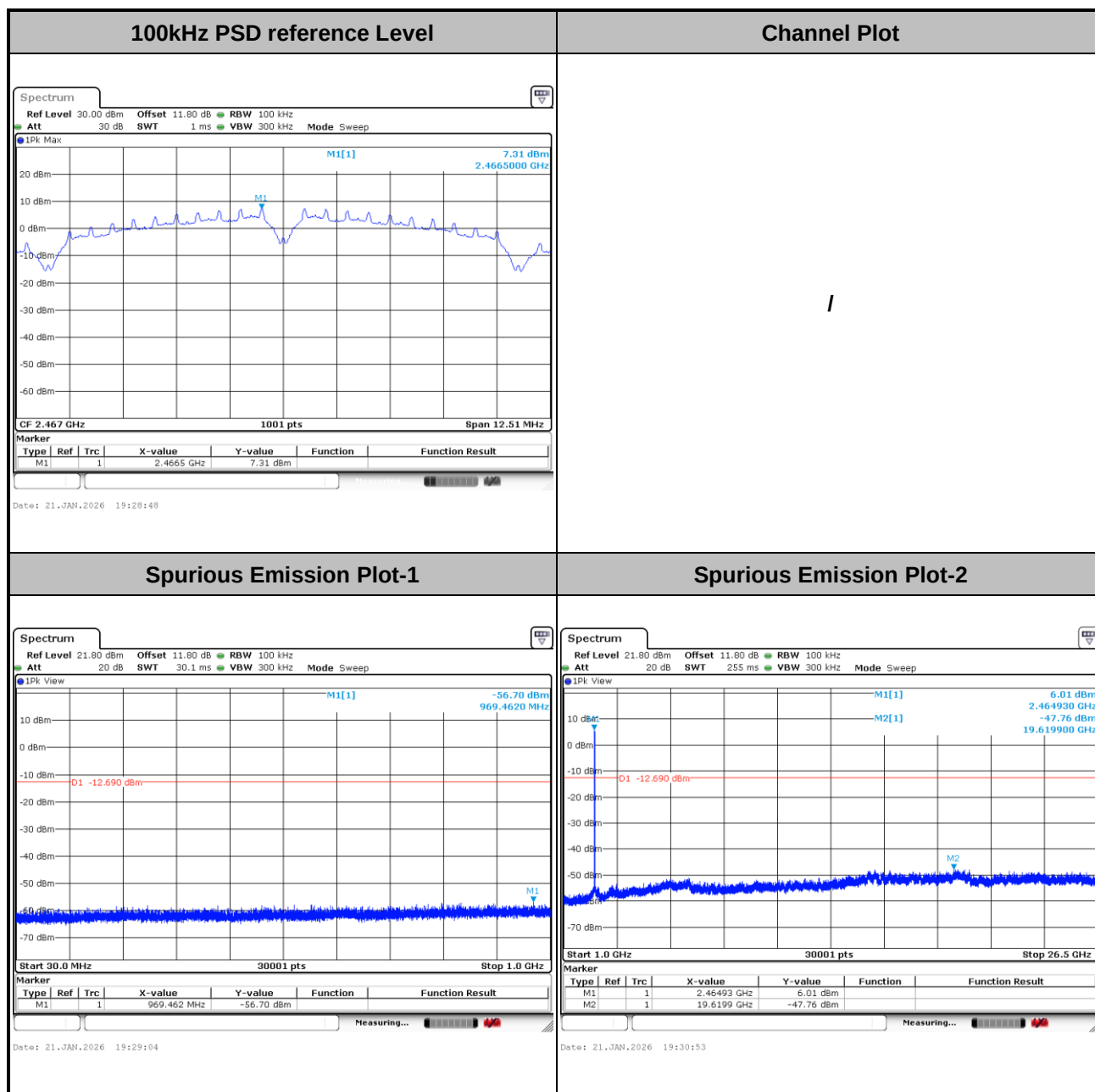


Test Mode :	802.11b	Test Channel :	11
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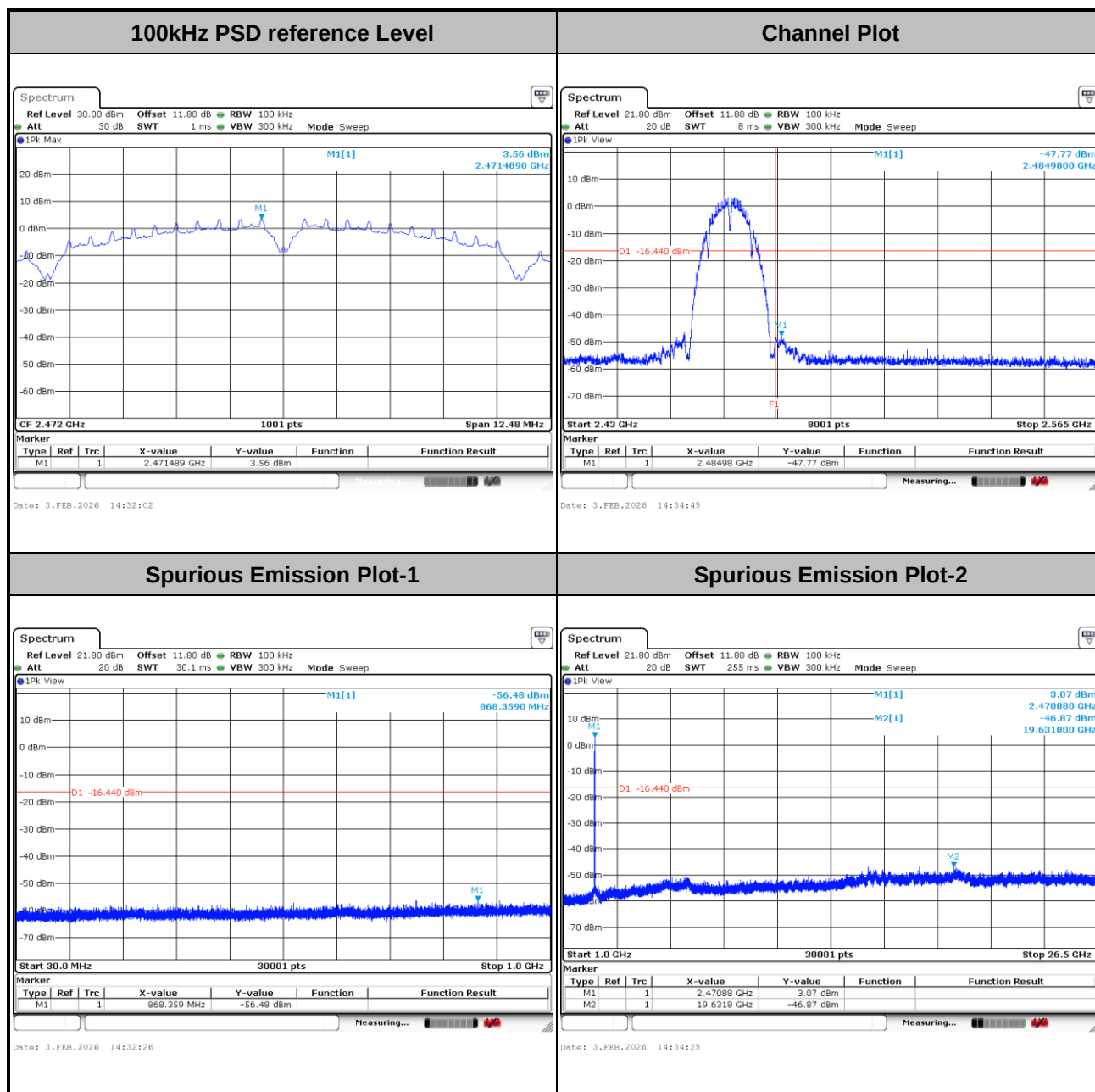


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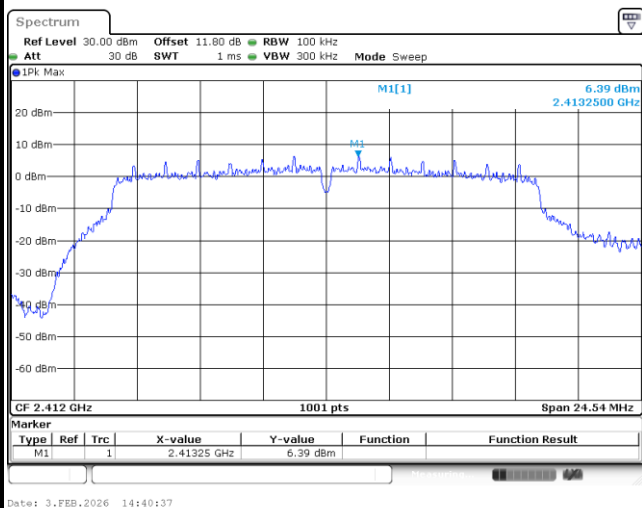
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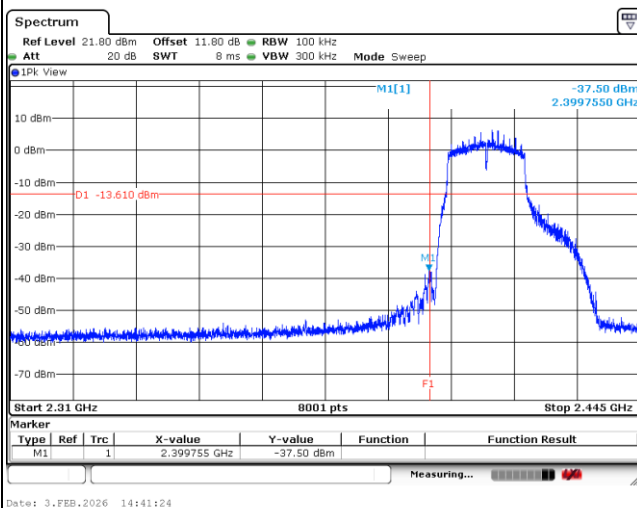


Test Mode : 802.11g Test Channel : 01

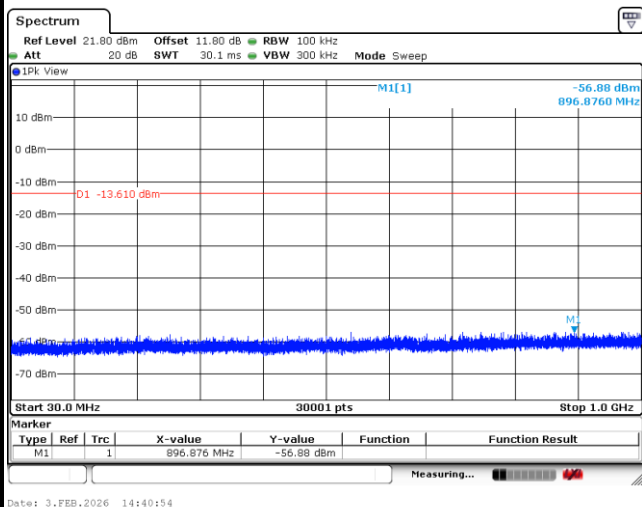
100kHz PSD reference Level



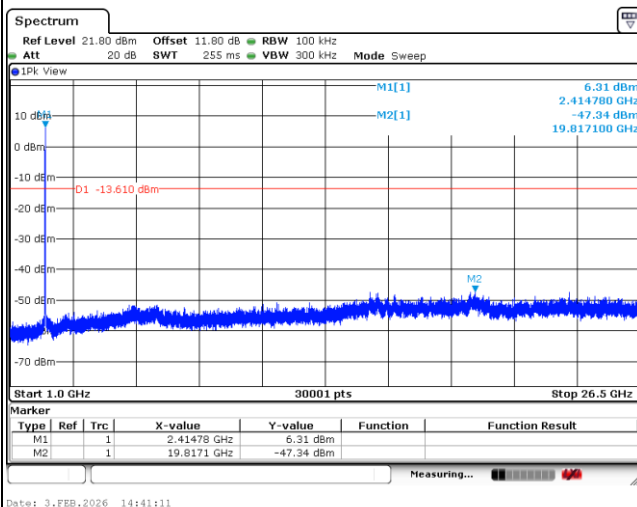
Channel Plot



Spurious Emission Plot-1

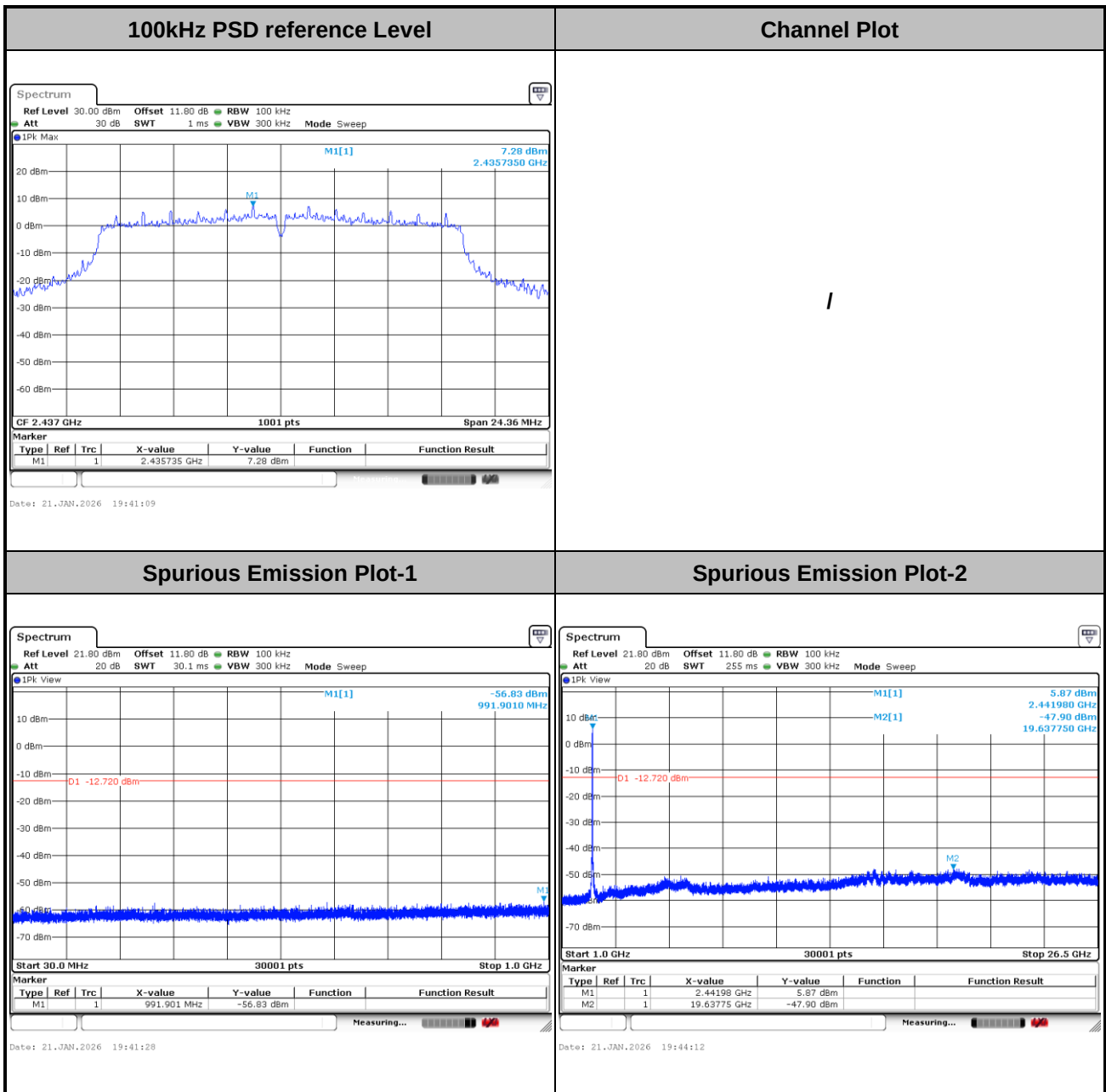


Spurious Emission Plot-2





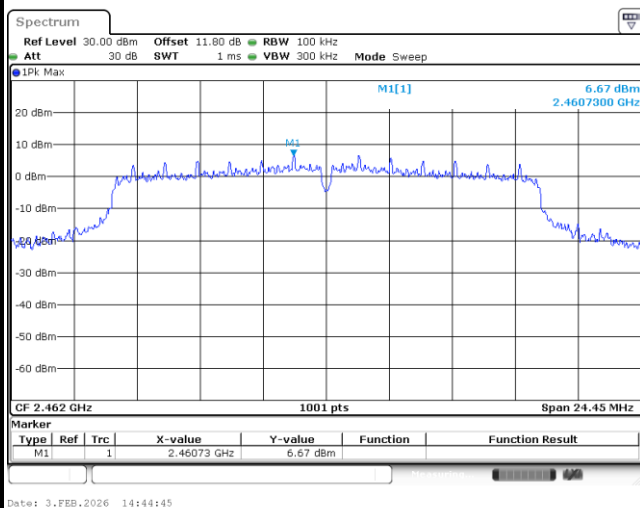
Test Mode :	802.11g	Test Channel :	06
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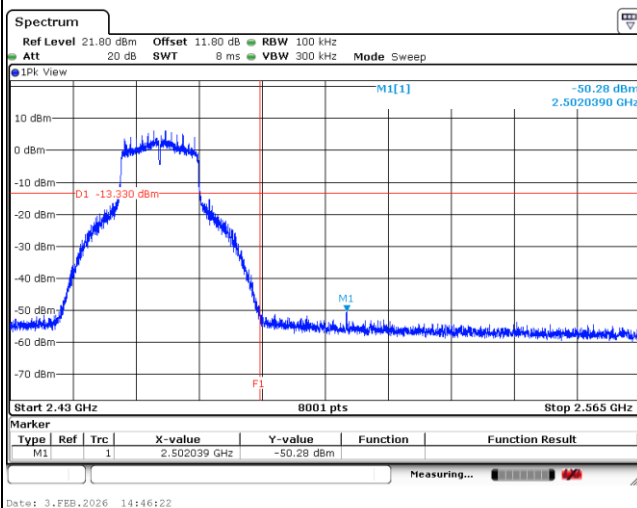


Test Mode : 802.11g Test Channel : 11

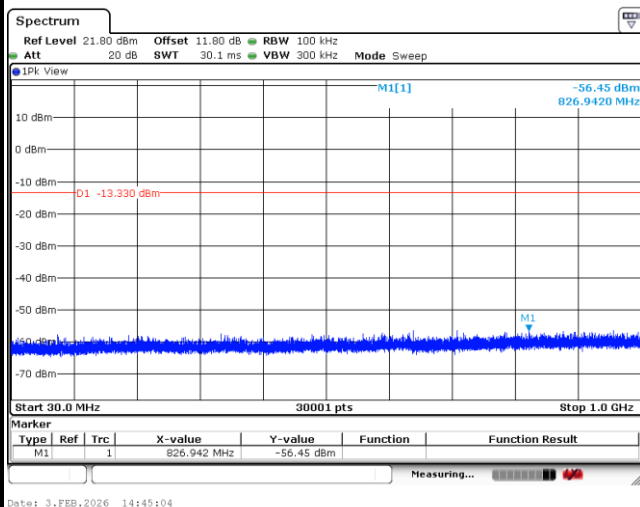
100kHz PSD reference Level



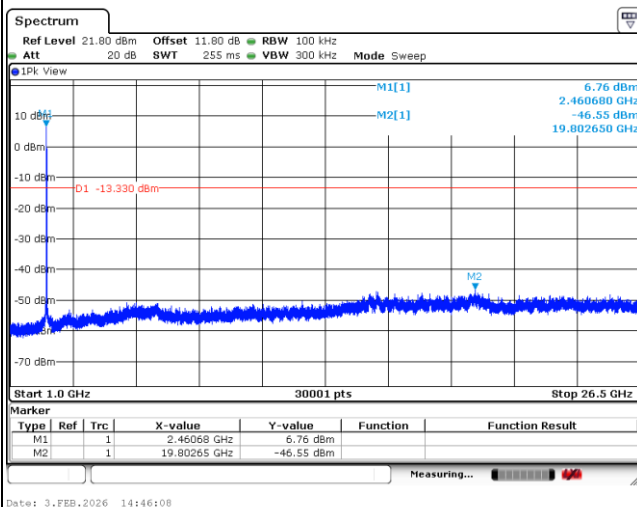
Channel Plot



Spurious Emission Plot-1



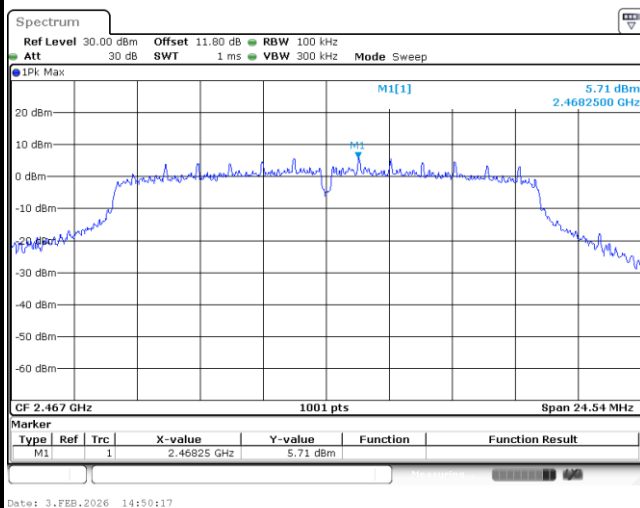
Spurious Emission Plot-2



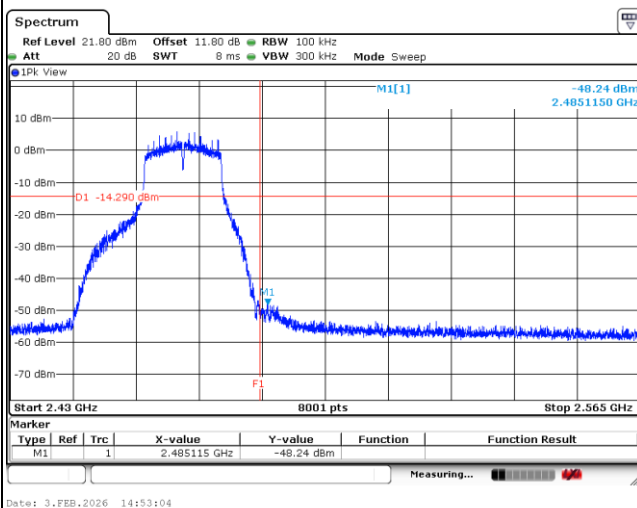


Test Mode : 802.11g Test Channel : 12

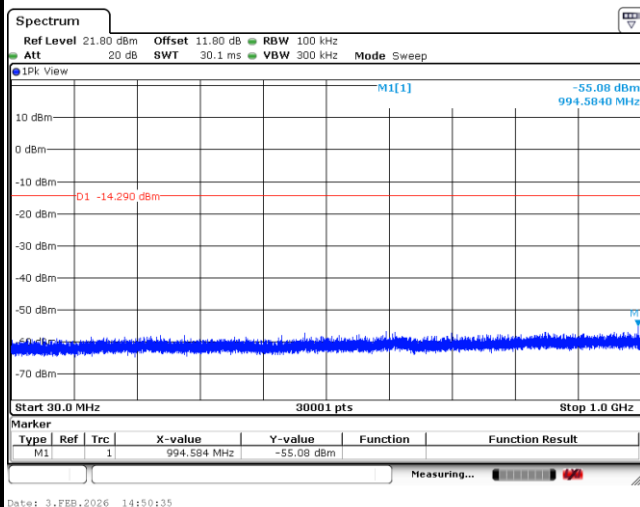
100kHz PSD reference Level



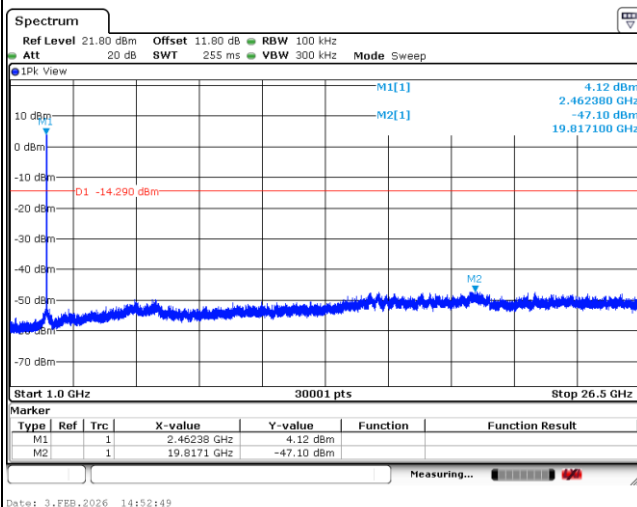
Channel Plot



Spurious Emission Plot-1

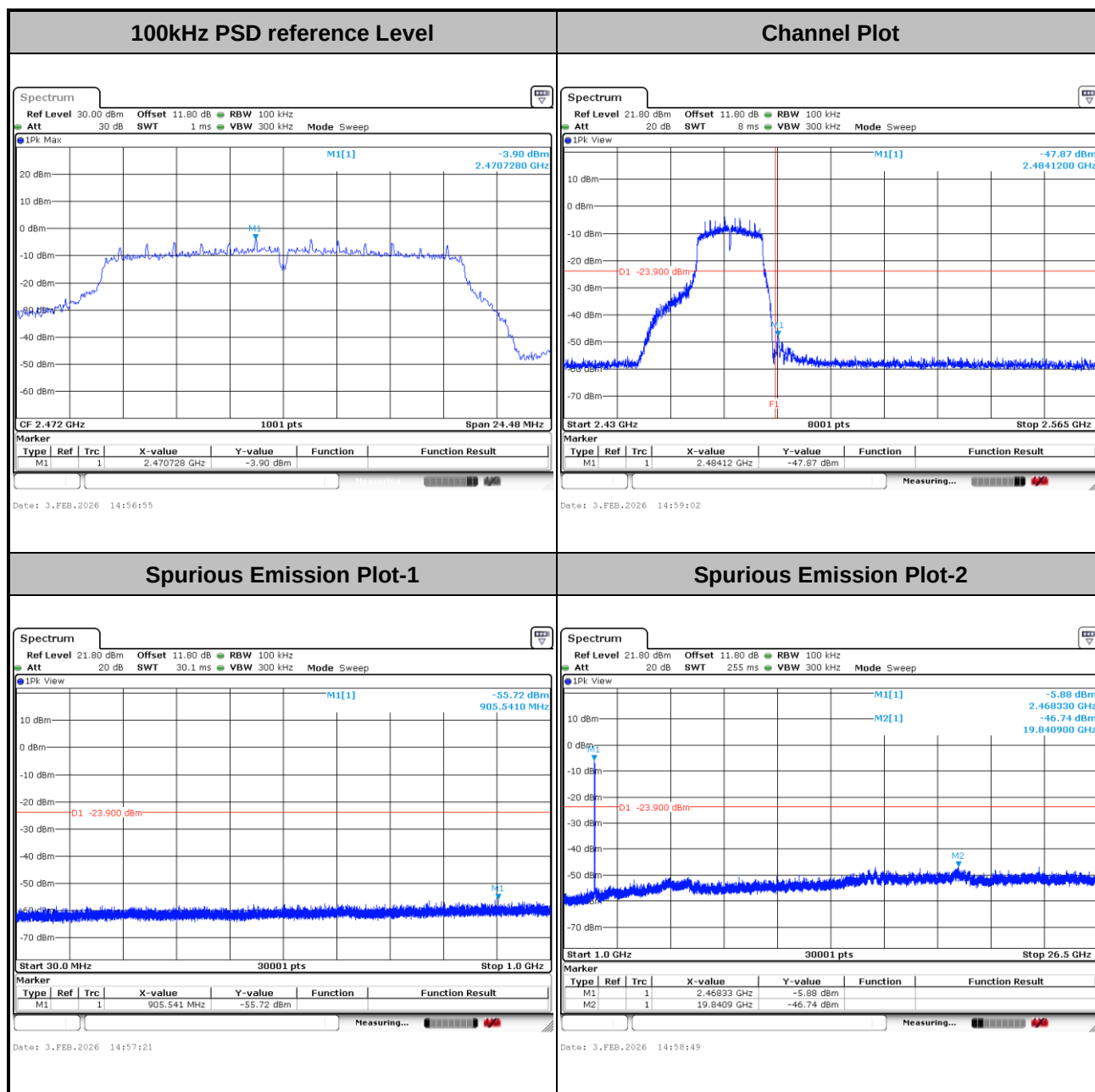


Spurious Emission Plot-2





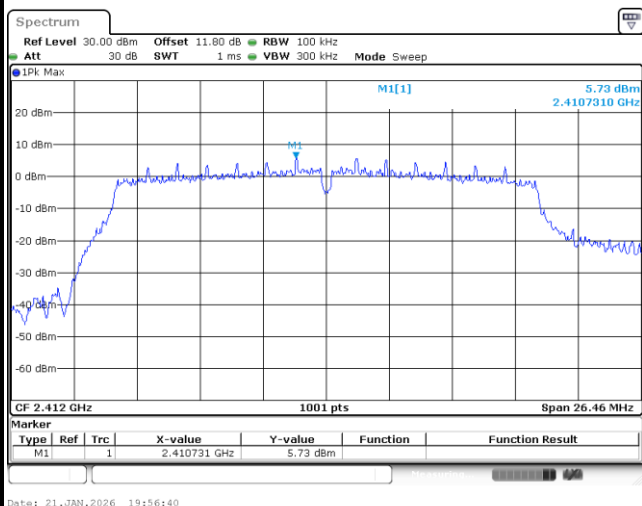
Test Mode :	802.11g	Test Channel :	13
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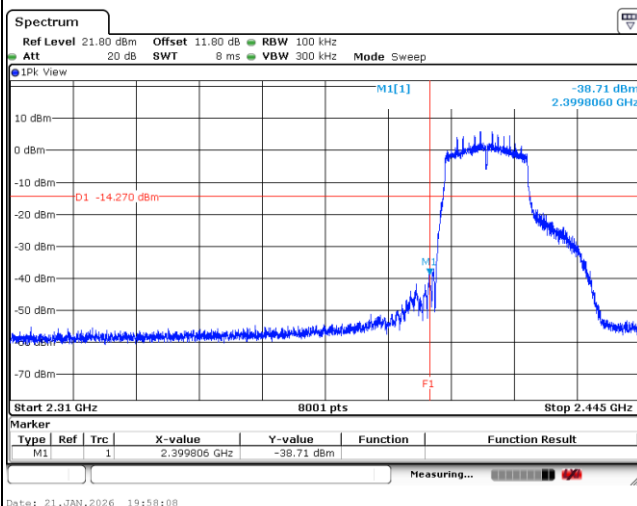


Test Mode : 802.11n HT20 Test Channel : 01

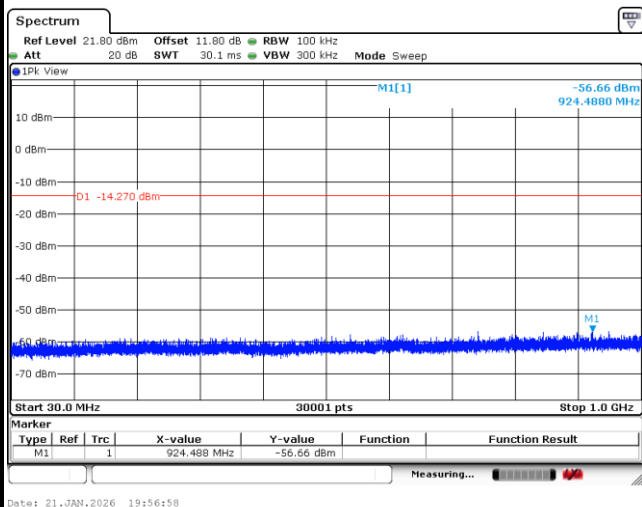
100kHz PSD reference Level



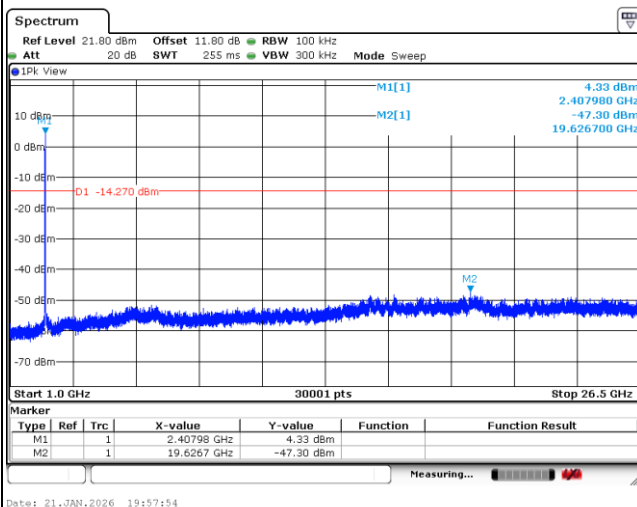
Channel Plot



Spurious Emission Plot-1

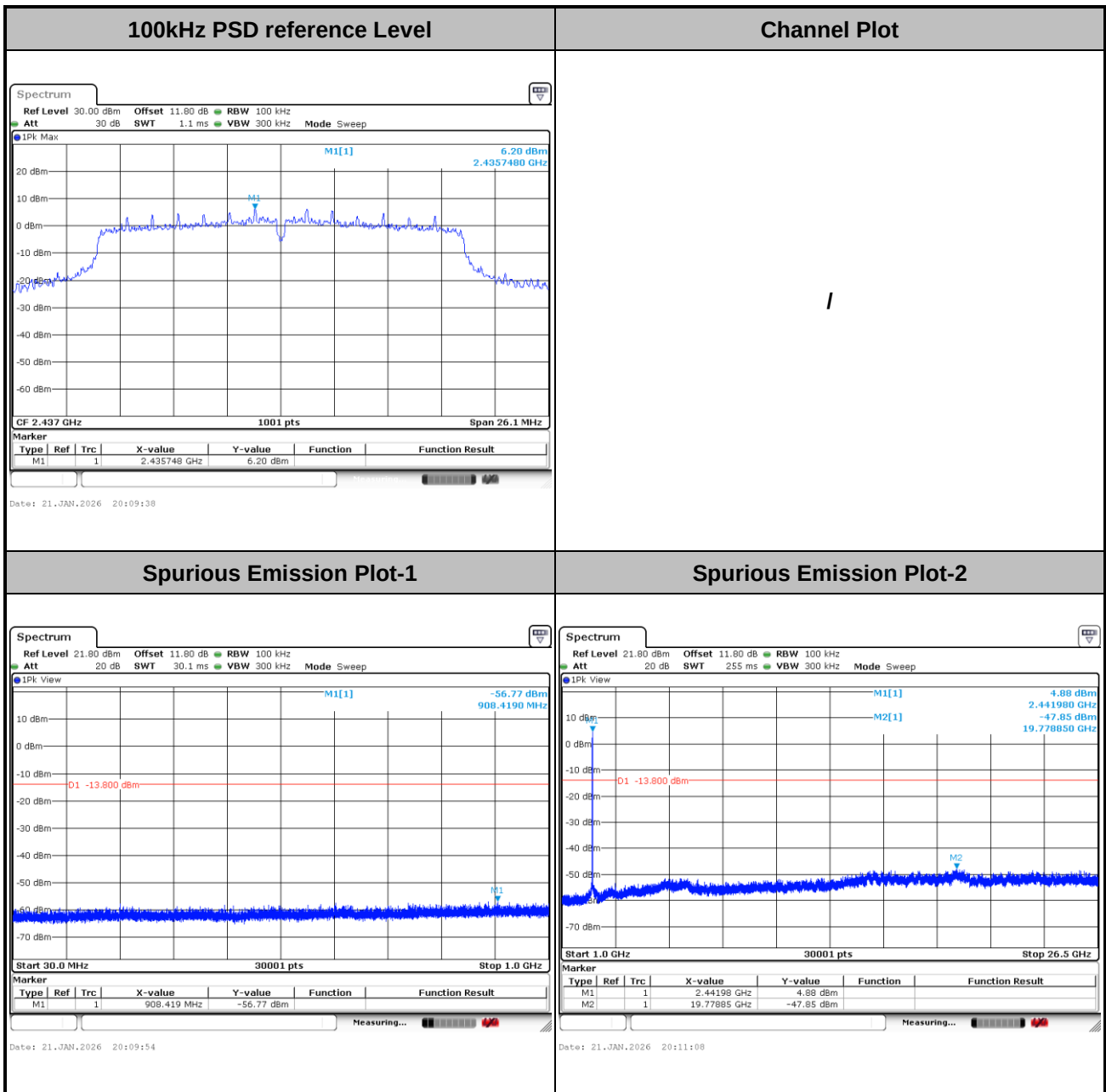


Spurious Emission Plot-2





Test Mode :	802.11n HT20	Test Channel :	06
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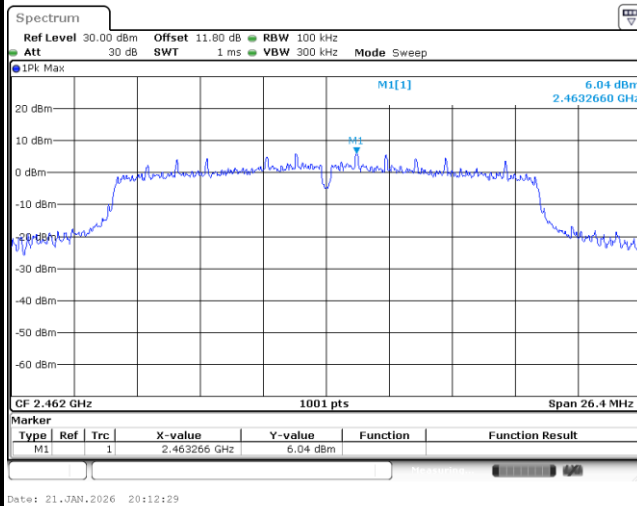




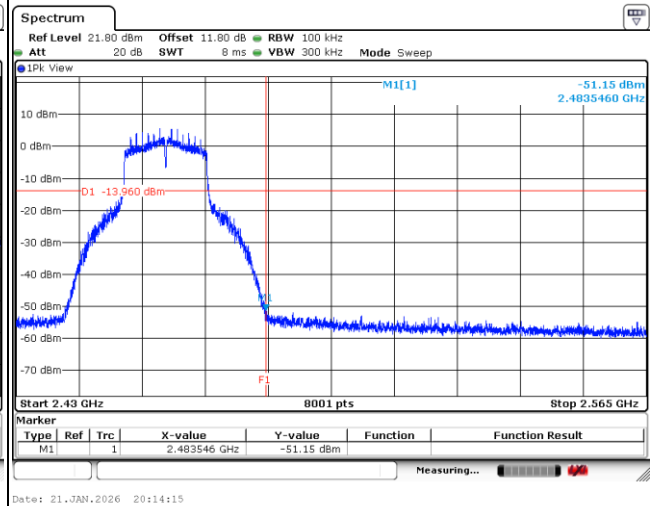
Test Mode : 802.11n HT20

Test Channel : 11

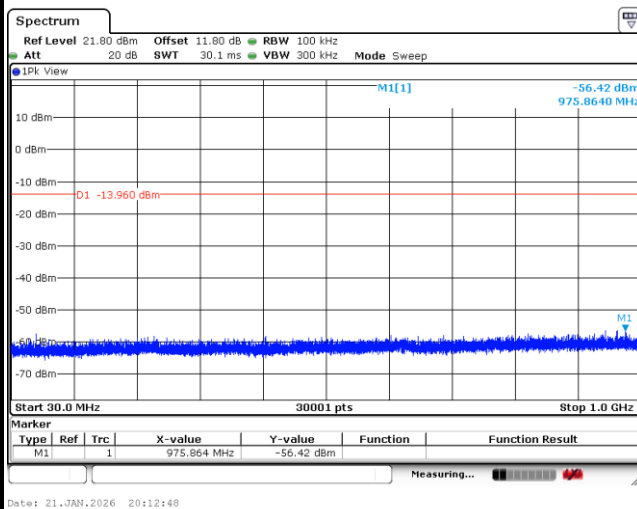
100kHz PSD reference Level



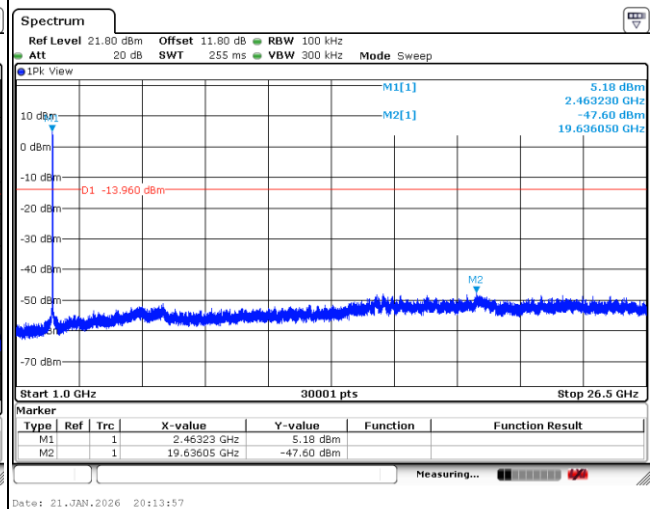
Channel Plot



Spurious Emission Plot-1



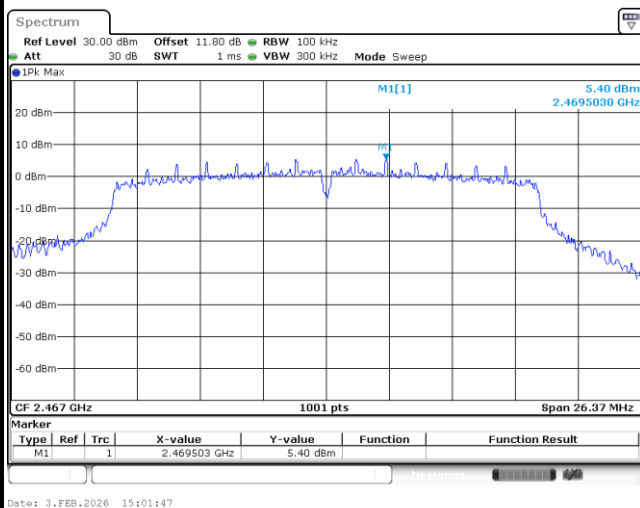
Spurious Emission Plot-2



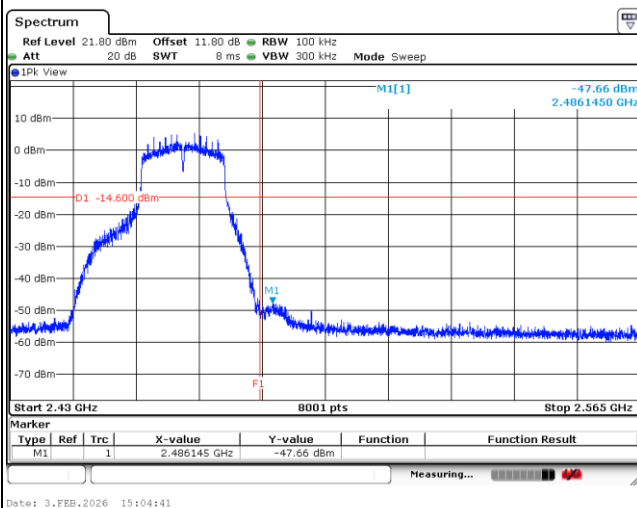


Test Mode : 802.11n HT20 Test Channel : 12

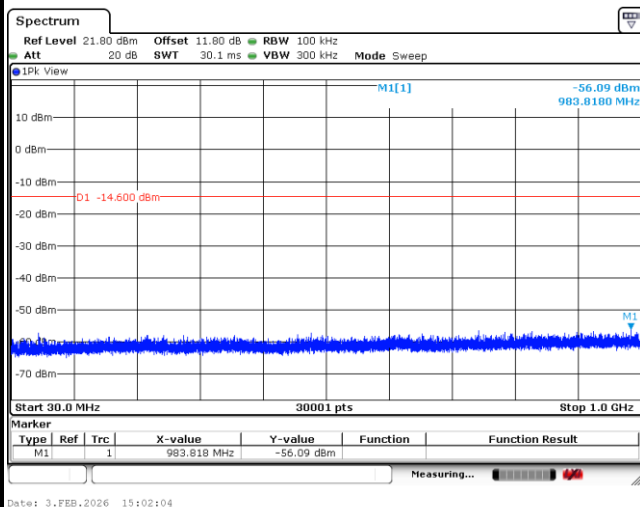
100kHz PSD reference Level



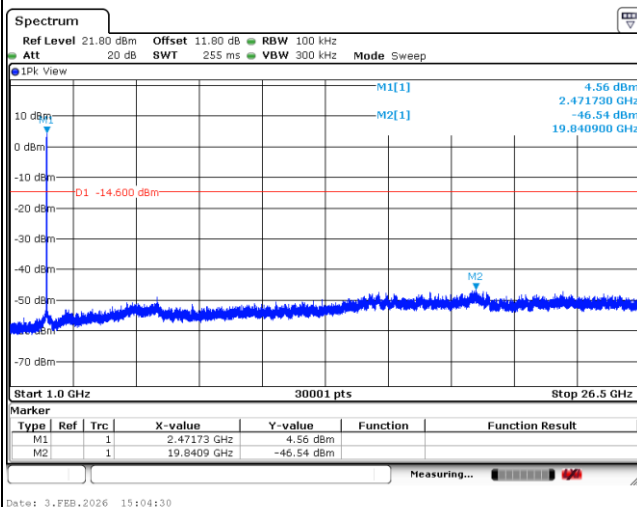
Channel Plot



Spurious Emission Plot-1

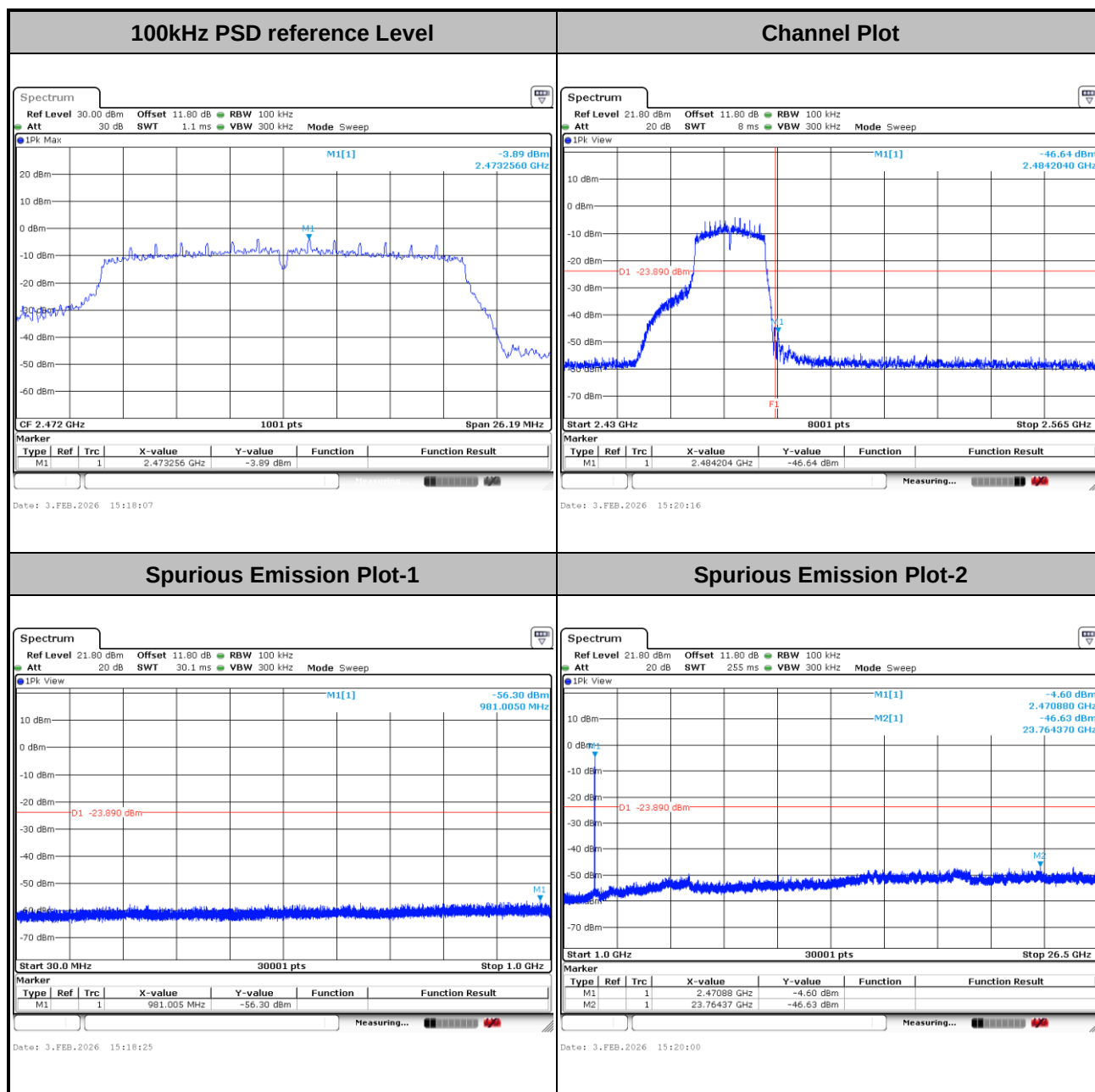


Spurious Emission Plot-2





Test Mode :	802.11n HT20	Test Channel :	13
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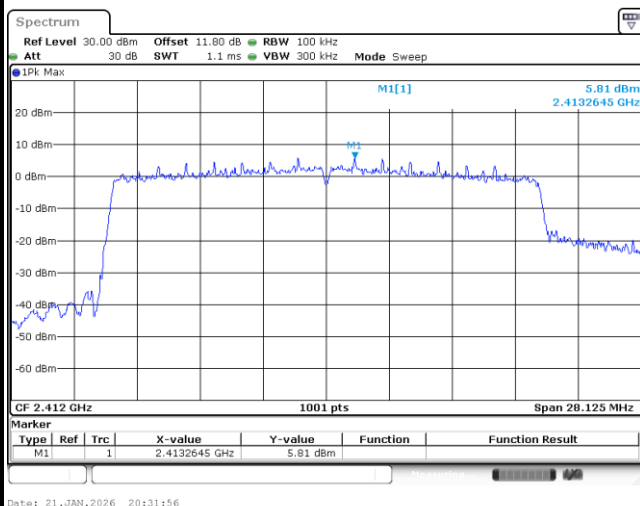




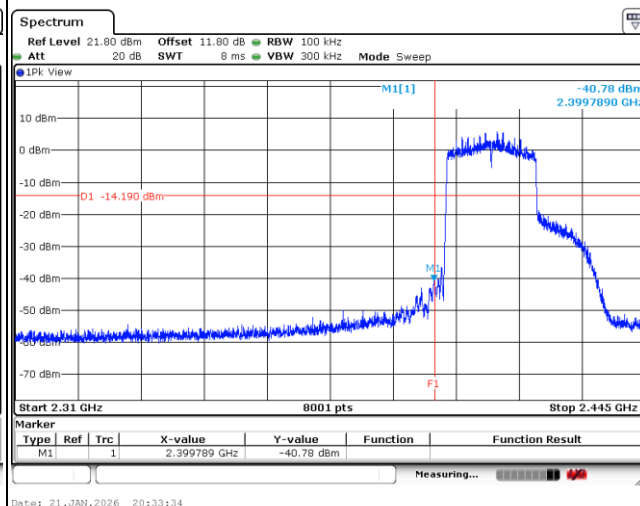
Test Mode : 802.11ax HE20

Test Channel : 01

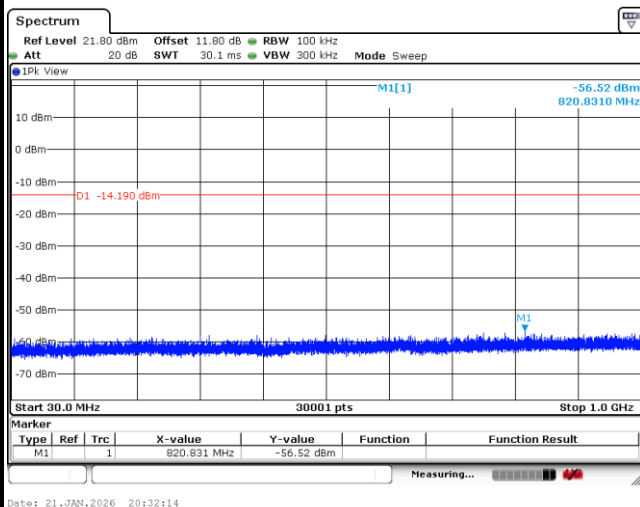
100kHz PSD reference Level



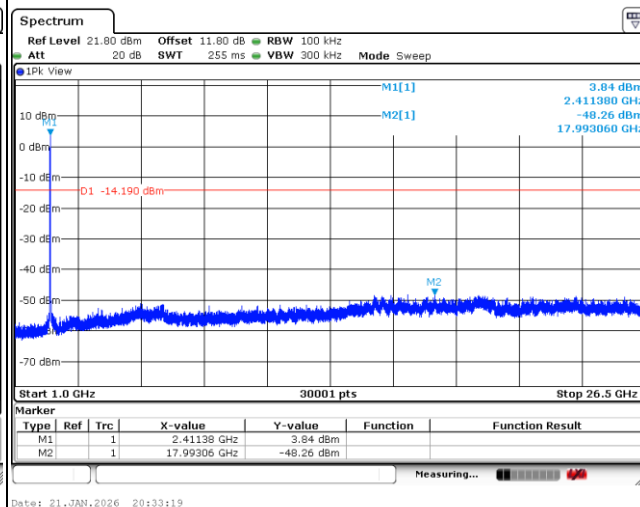
Channel Plot



Spurious Emission Plot-1

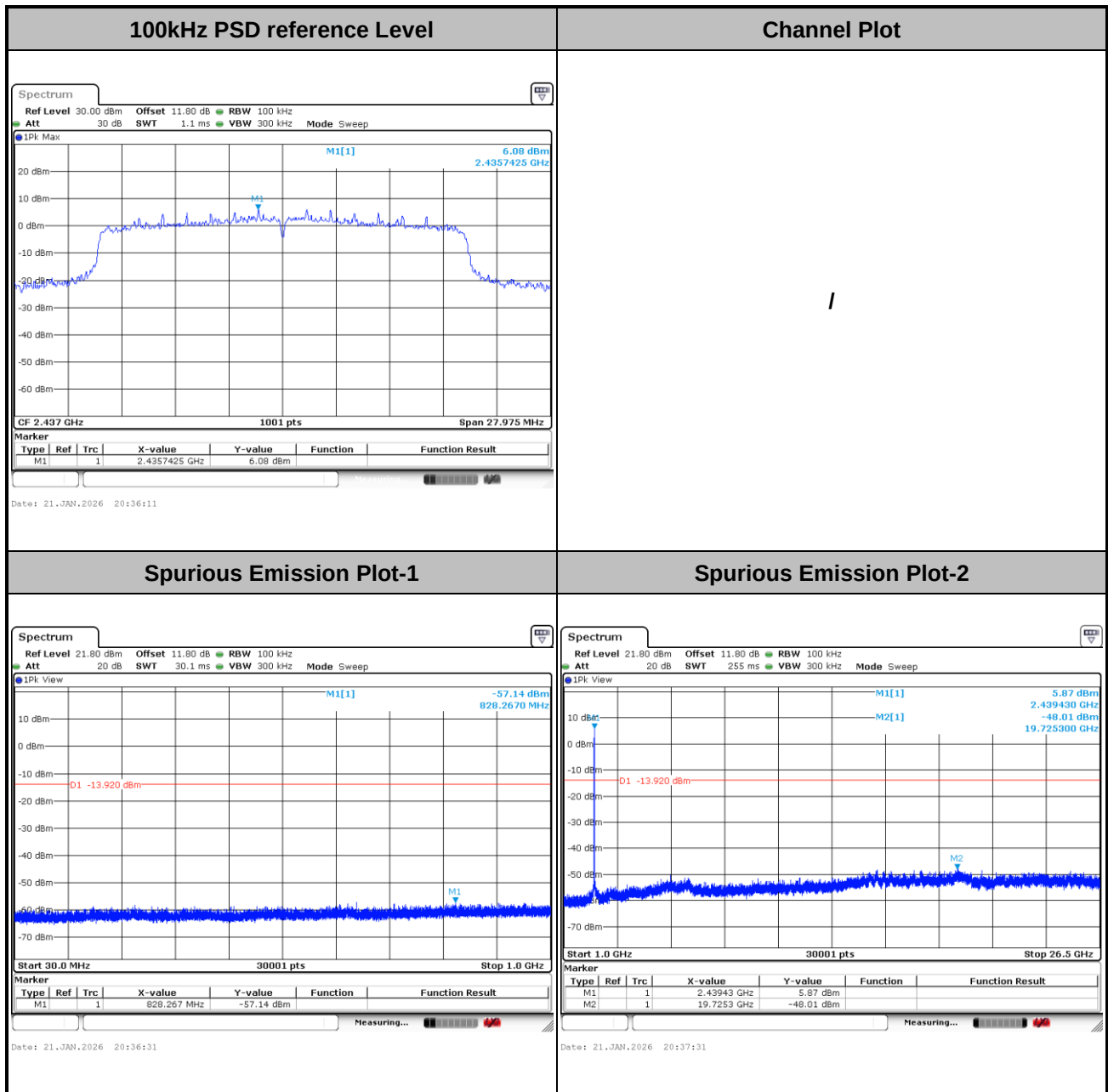


Spurious Emission Plot-2





Test Mode :	802.11ax HE20	Test Channel :	06
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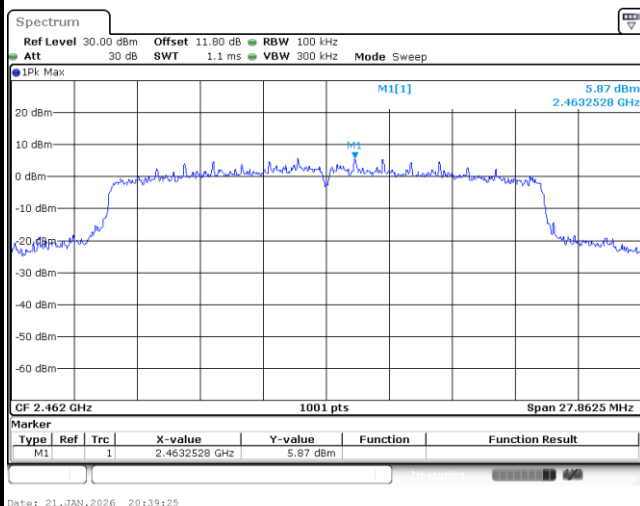




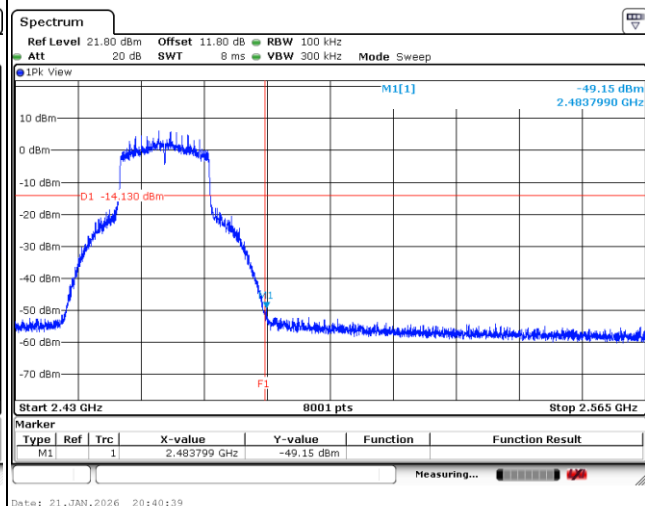
Test Mode : 802.11ax HE20

Test Channel : 11

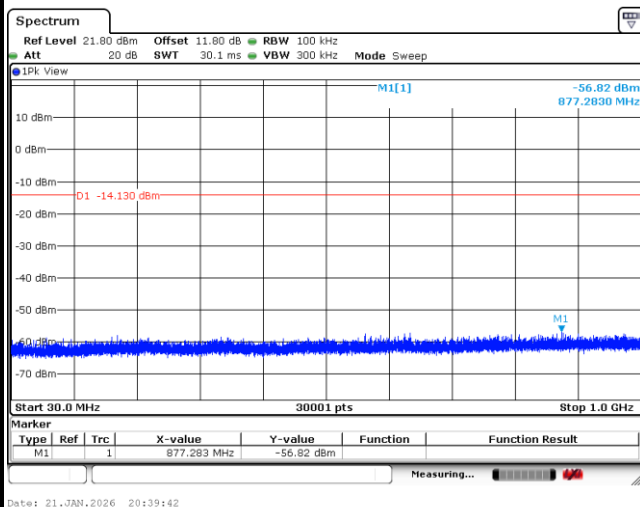
100kHz PSD reference Level



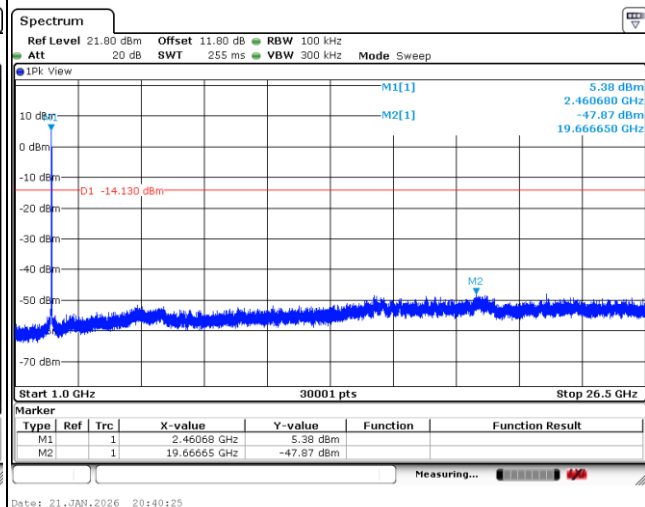
Channel Plot



Spurious Emission Plot-1

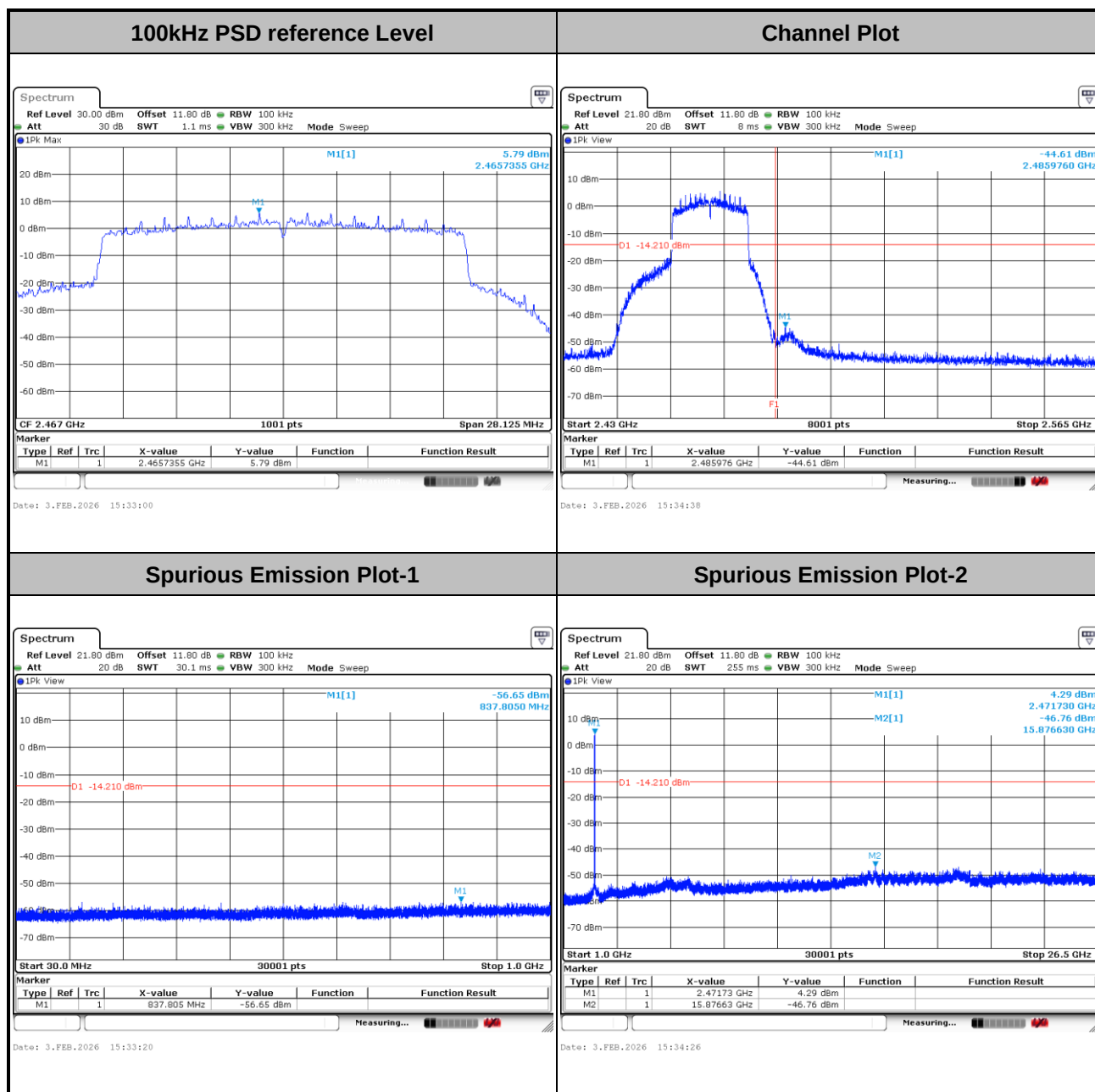


Spurious Emission Plot-2





Test Mode :	802.11ax HE20	Test Channel :	12
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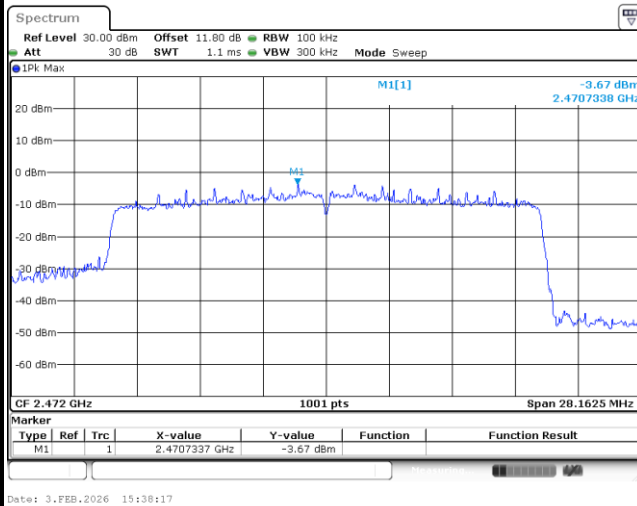




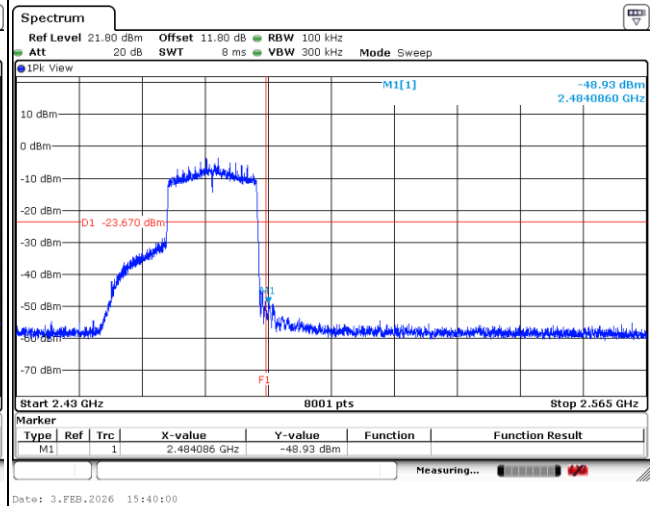
Test Mode : 802.11ax HE20

Test Channel : 13

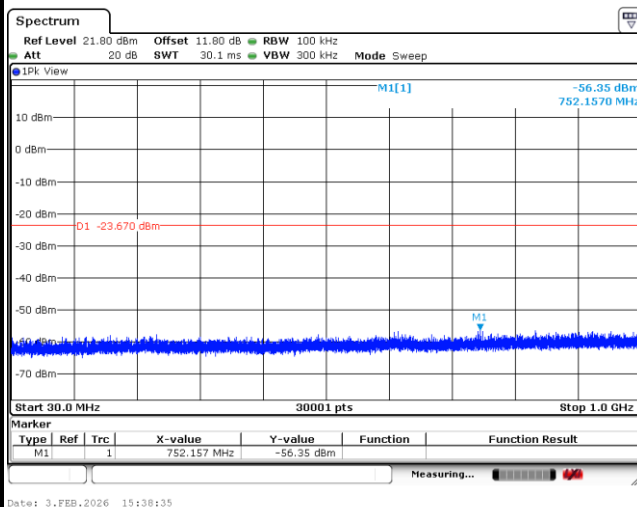
100kHz PSD reference Level



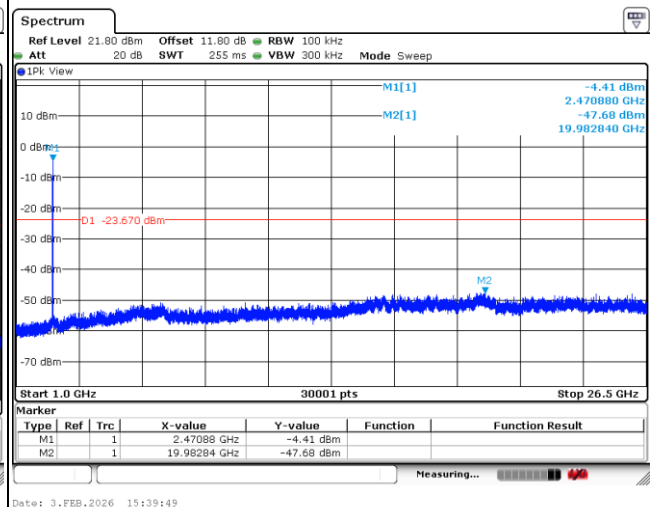
Channel Plot



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

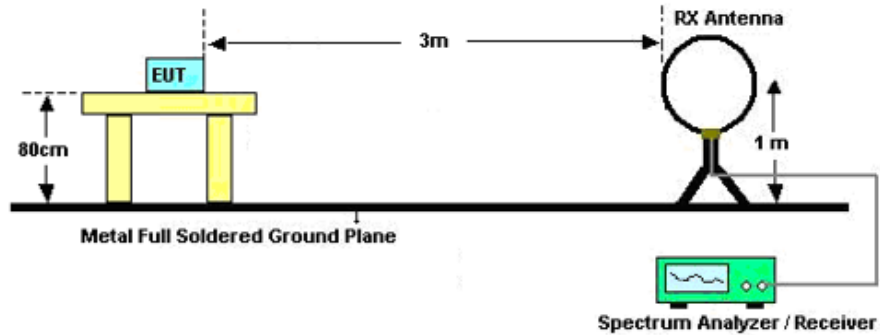
The measuring equipment is listed in the section 4 of this test report.

3.5.3 Test Procedures

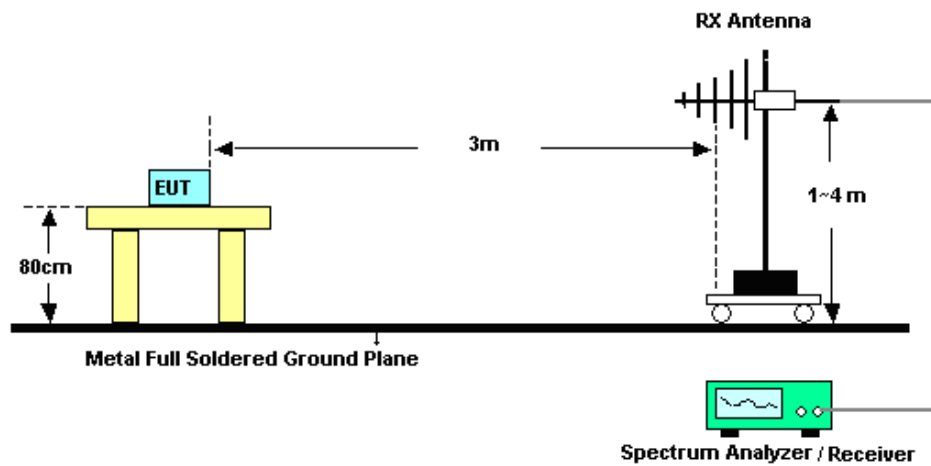
1. The testing follows ANSI C63.10-2020 clause 6.3, 6.5, 6.6, 11.11 and 11.12
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in 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 $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
 - (3) Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement.
For average measurement:
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq 1/T$, 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

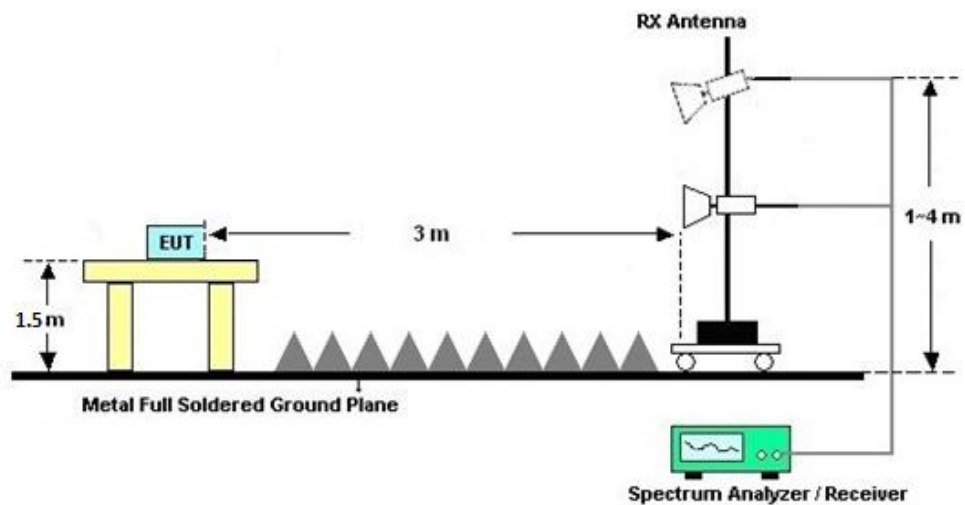
For radiated emissions below 30MHz



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 (dB μ V)	
	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.

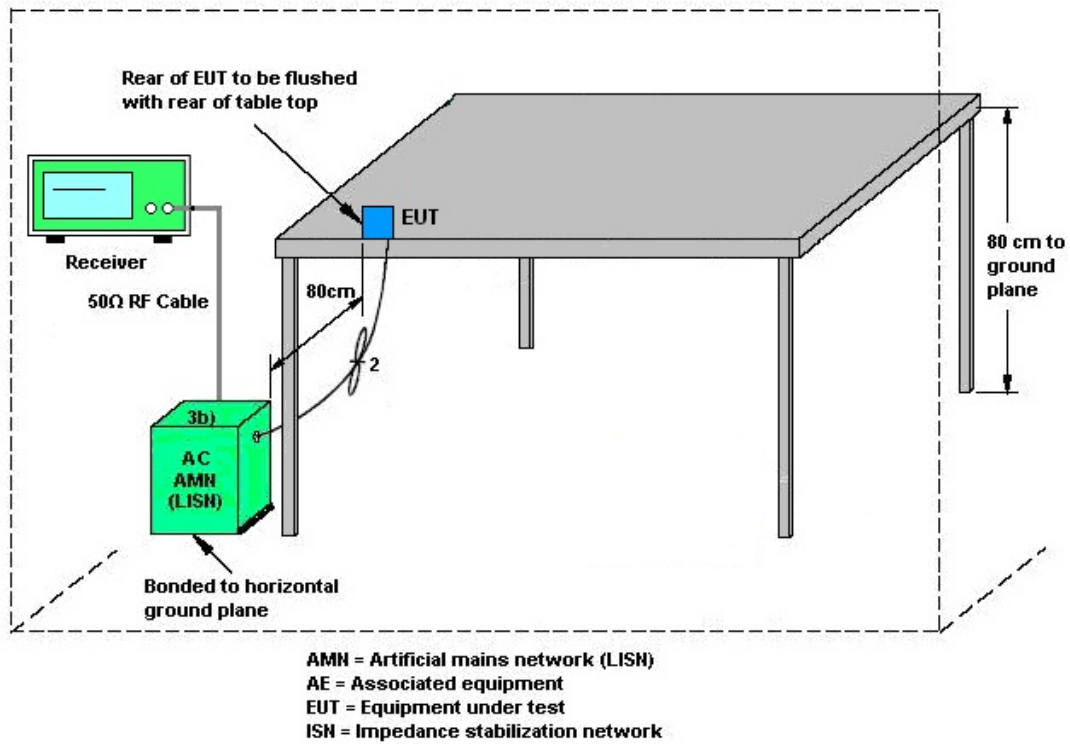
3.6.2 Measuring Instruments

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
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Jan. 21, 2026~ Jun. 05, 2026	Apr. 01, 2026	Conducted (TH01-SZ)
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 01, 2026		Mar. 31, 2026	Conducted (TH01-SZ)
Pulse Power Sensor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 24, 2025	Jan. 21, 2026~ Jun. 05, 2026	Dec. 23, 2026	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Oct.13, 2025	Jan. 21, 2026~ Jun. 05, 2026	Oct. 12, 2026	Conducted (TH01-SZ)
Attenuator	MICROWAV	EMVE2214-10	2	30MHz~26.5GHz	Feb. 22, 2025	Jan. 21, 2026~ Jun. 05, 2026	Feb. 22, 2026	Conducted (TH01-SZ)
Attenuator	MICROWAV	EMVE2214-10	2	30MHz~26.5GHz	Feb. 22, 2026		Feb. 21, 2027	Conducted (TH01-SZ)
Attenuator	MICROWAV	EMVE2214-10	2	30MHz~26.5GHz	Feb. 22, 2025	Jan. 21, 2026~ Jun. 05, 2026	Feb. 22, 2026	Conducted (TH01-SZ)
Attenuator	MICROWAV	EMVE2214-10	2	30MHz~26.5GHz	Feb. 22, 2026		Feb. 21, 2027	Conducted (TH01-SZ)
EMI Test Receiver	R&S	ESR7	101404	9kHz~7GHz	Oct. 15, 2025	Mar. 13, 2026~ Jun. 05, 2026	Oct. 14, 2026	Radiation (03CH04-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2025	Mar. 13, 2026~ Jun. 05, 2026	Jul. 02, 2026	Radiation (03CH04-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 25, 2025	Mar. 13, 2026~ Jun. 05, 2026	Dec. 24, 2026	Radiation (03CH04-SZ)
Bilog Antenna	TeseQ	CBL6111D	41909	30MHz~1GHz	Apr. 21, 2025	Mar. 13, 2026~ Jun. 05, 2026	Apr. 20, 2026	Radiation (03CH04-SZ)
Bilog Antenna	TeseQ	CBL6111D	41909	30MHz~1GHz	Apr. 20, 2026		Apr. 19, 2027	Radiation (03CH04-SZ)
Double Ridge Guide Antenna	ETS-Lindgren	Burgeon-3117	00240057	1GHz~18GHz	Jun. 26, 2025	Mar. 13, 2026~ Jun. 05, 2026	Jun. 25, 2026	Radiation (03CH04-SZ)
Horn Antenna	SCHWARZBECK	BBHA9170	9170#679	15GHz~40GHz	Jul. 04, 2025	Mar. 13, 2026~ Jun. 05, 2026	Jul. 03, 2026	Radiation (03CH04-SZ)
LF Amplifier	EM Electronics	EM330	060773	20MHz~3GHz	Apr. 02, 2025	Mar. 13, 2026~ Jun. 05, 2026	Apr. 01, 2026	Radiation (03CH04-SZ)
LF Amplifier	EM Electronics	EM330	060773	20MHz~3GHz	Apr. 01, 2026		Mar. 31, 2027	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 13, 2025	Mar. 13, 2026~ Jun. 05, 2026	Oct. 12, 2026	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 02, 2025	Mar. 13, 2026~ Jun. 05, 2026	Jul. 01, 2026	Radiation (03CH04-SZ)
Amplifier	Agilent Technologies	83017A	MY57280136	500MHz~26.5GHz	Jul. 03, 2025	Mar. 13, 2026~ Jun. 05, 2026	Jul. 02, 2026	Radiation (03CH04-SZ)
AC Power Source	APC	AFV-S-600B	F119050019	N/A	Oct. 14, 2025	Mar. 13, 2026~ Jun. 05, 2026	Oct. 13, 2026	Radiation (03CH04-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Mar. 13, 2026~ Jun. 05, 2026	NCR	Radiation (03CH04-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Mar. 13, 2026~ Jun. 05, 2026	NCR	Radiation (03CH04-SZ)
Attenuator	SolvangTech	STI02-3125-06	2	30MHz~26.5GHz	Jan. 27, 2026	Mar. 13, 2026~ Jun. 05, 2026	Jan. 26, 2027	Radiation (03CH04-SZ)
Attenuator	SolvangTech	STI02-3125-06	2	30MHz~26.5GHz	Jan. 26, 2026	Mar. 13, 2026~ Jun. 05, 2026	Jan. 25, 2027	Radiation (03CH04-SZ)
EMI Receiver	R&S	ESR7	102297	9kHz~7GHz;	Jul. 02, 2025	Feb. 13, 2026	Jul. 01, 2026	Conduction (CO02-SZ)
AC LISN	R&S	ENV216	101499	9kHz~30MHz	Jul. 03, 2025	Feb. 13, 2026	Jul. 02, 2026	Conduction (CO02-SZ)
AC Power Source	CHROMA	61601	616010002470	100Vac~250Vac	Dec.24, 2025	Feb. 13, 2026	Dec. 23, 2026	Conduction (CO02-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% ($U = 2Uc(y)$)	2.5dB
---	-------

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

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

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

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

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

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

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



Appendix A. Conducted Test Results

A1. Conducted Test Results

Test Engineer:	Liu Qiu Qiu	Temperature:	21~25	°C
Test Date:	2026/1/21~2026/6/5	Relative Humidity:	51~54	%

TEST RESULTS DATA
Average Output Power
(Reporting Only)

2.4GHz Band Single Antenna								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	DG (dBi)	EIRP Power (dBm)
					Ant 1	Ant1	Ant1	Ant1
11b	1Mbps	1	1	2412	0.12	16.60	4.00	20.60
11b	1Mbps	1	6	2437	0.12	16.60	4.00	20.60
11b	1Mbps	1	11	2462	0.12	16.40	4.00	20.40
11b	1Mbps	1	12	2467	0.12	16.50	4.00	20.50
11b	1Mbps	1	13	2472	0.12	12.70	4.00	16.70
11g	6Mbps	1	1	2412	0.72	17.30	4.00	21.30
11g	6Mbps	1	2	2417	0.72	17.90	4.00	21.90
11g	6Mbps	1	3	2422	0.72	18.30	4.00	22.30
11g	6Mbps	1	6	2437	0.72	18.50	4.00	22.50
11g	6Mbps	1	9	2452	0.72	18.40	4.00	22.40
11g	6Mbps	1	10	2457	0.72	17.40	4.00	21.40
11g	6Mbps	1	11	2462	0.72	17.20	4.00	21.20
11g	6Mbps	1	12	2467	0.72	16.60	4.00	20.60
11g	6Mbps	1	13	2472	0.72	6.60	4.00	10.60
HT20	MCS0	1	1	2412	0.74	17.10	4.00	21.10
HT20	MCS0	1	6	2437	0.74	17.20	4.00	21.20
HT20	MCS0	1	11	2462	0.74	17.10	4.00	21.10
HT20	MCS0	1	12	2467	0.74	16.30	4.00	20.30
HT20	MCS0	1	13	2472	0.74	6.60	4.00	10.60

Setting
Ant 1
16.00
16.00
16.00
16.00
12.00
16.50
17.00
17.50
17.50
17.50
16.50
16.50
16.00
6.50
16.50
16.50
16.50
16.00
6.50

TEST RESULTS DATA
Average Output Power
(Reporting Only)

2.4GHz Band Single Antenna									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)	Average Conducted Power (dBm)	DG (dBi)	EIRP Power (dBm)
						Ant1	Ant1	Ant1	Ant1
HE20	MCS0	1	1	2412	Full	0.92	17.30	4.00	21.30
HE20	MCS0	1	1	2412	26/0	1.29	8.20	4.00	12.20
HE20	MCS0	1	1	2412	52/37	1.52	11.10	4.00	15.10
HE20	MCS0	1	1	2412	106/53	1.79	14.30	4.00	18.30
HE20	MCS0	1	6	2437	Full	0.92	17.40	4.00	21.40
HE20	MCS0	1	6	2437	26/0	1.29	8.80	4.00	12.80
HE20	MCS0	1	6	2437	52/37	1.52	12.10	4.00	16.10
HE20	MCS0	1	6	2437	106/53	1.79	15.00	4.00	19.00
HE20	MCS0	1	11	2462	Full	0.92	17.20	4.00	21.20
HE20	MCS0	1	11	2462	26/8	1.29	8.10	4.00	12.10
HE20	MCS0	1	11	2462	52/40	1.52	11.00	4.00	15.00
HE20	MCS0	1	11	2462	106/54	1.79	14.30	4.00	18.30
HE20	MCS0	1	12	2467	Full	0.92	16.50	4.00	20.50
HE20	MCS0	1	12	2467	26/8	1.29	7.30	4.00	11.30
HE20	MCS0	1	12	2467	52/40	1.52	10.60	4.00	14.60
HE20	MCS0	1	12	2467	106/54	1.79	13.80	4.00	17.80
HE20	MCS0	1	13	2472	Full	0.92	7.00	4.00	11.00
HE20	MCS0	1	13	2472	26/8	1.29	-2.20	4.00	1.80
HE20	MCS0	1	13	2472	52/40	1.52	0.50	4.00	4.50
HE20	MCS0	1	13	2472	106/54	1.79	2.10	4.00	6.10

Setting
Ant 1
16.50
6.50
9.50
12.50
16.50
7.00
10.00
13.00
16.50
6.50
9.50
12.50
16.00
6.00
9.00
12.00
6.50
-3.50
-1.00
0.50

TEST RESULTS DATA
Peak Output Power

2.4GHz Band Single Antenna										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant1	Ant1	Ant1	Ant1	Ant1	
11b	1Mbps	1	1	2412	18.36	30.00	4.00	22.36	36.00	Pass
11b	1Mbps	1	6	2437	18.47	30.00	4.00	22.47	36.00	Pass
11b	1Mbps	1	11	2462	18.20	30.00	4.00	22.20	36.00	Pass
11b	1Mbps	1	12	2467	18.35	30.00	4.00	22.35	36.00	Pass
11b	1Mbps	1	13	2472	14.48	30.00	4.00	18.48	36.00	Pass
11g	6Mbps	1	1	2412	23.04	30.00	4.00	27.04	36.00	Pass
11g	6Mbps	1	2	2417	24.36	30.00	4.00	28.36	36.00	Pass
11g	6Mbps	1	3	2422	24.82	30.00	4.00	28.82	36.00	Pass
11g	6Mbps	1	6	2437	24.92	30.00	4.00	28.92	36.00	Pass
11g	6Mbps	1	9	2452	24.78	30.00	4.00	28.78	36.00	Pass
11g	6Mbps	1	10	2457	23.80	30.00	4.00	27.80	36.00	Pass
11g	6Mbps	1	11	2462	22.52	30.00	4.00	26.52	36.00	Pass
11g	6Mbps	1	12	2467	21.89	30.00	4.00	25.89	36.00	Pass
11g	6Mbps	1	13	2472	12.76	30.00	4.00	16.76	36.00	Pass
HT20	MCS0	1	1	2412	23.89	30.00	4.00	27.89	36.00	Pass
HT20	MCS0	1	6	2437	22.42	30.00	4.00	26.42	36.00	Pass
HT20	MCS0	1	11	2462	22.51	30.00	4.00	26.51	36.00	Pass
HT20	MCS0	1	12	2467	21.91	30.00	4.00	25.91	36.00	Pass
HT20	MCS0	1	13	2472	12.84	30.00	4.00	16.84	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
						Ant1	Ant1	Ant1	Ant1	Ant1	
HE20	MCS0	1	1	2412	Full	23.96	30.00	4.00	27.96	36.00	Pass
HE20	MCS0	1	1	2412	26/0	18.87	30.00	4.00	22.87	36.00	Pass
HE20	MCS0	1	1	2412	52/37	21.62	30.00	4.00	25.62	36.00	Pass
HE20	MCS0	1	1	2412	106/53	23.86	30.00	4.00	27.86	36.00	Pass
HE20	MCS0	1	6	2437	Full	22.82	30.00	4.00	26.82	36.00	Pass
HE20	MCS0	1	6	2437	26/0	18.92	30.00	4.00	22.92	36.00	Pass
HE20	MCS0	1	6	2437	52/37	20.40	30.00	4.00	24.40	36.00	Pass
HE20	MCS0	1	6	2437	106/53	22.78	30.00	4.00	26.78	36.00	Pass
HE20	MCS0	1	11	2462	Full	22.76	30.00	4.00	26.76	36.00	Pass
HE20	MCS0	1	11	2462	26/8	18.51	30.00	4.00	22.51	36.00	Pass
HE20	MCS0	1	11	2462	52/40	20.47	30.00	4.00	24.47	36.00	Pass
HE20	MCS0	1	11	2462	106/54	22.65	30.00	4.00	26.65	36.00	Pass
HE20	MCS0	1	12	2467	Full	22.24	30.00	4.00	26.24	36.00	Pass
HE20	MCS0	1	12	2467	26/8	17.90	30.00	4.00	21.90	36.00	Pass
HE20	MCS0	1	12	2467	52/40	19.89	30.00	4.00	23.89	36.00	Pass
HE20	MCS0	1	12	2467	106/54	22.14	30.00	4.00	26.14	36.00	Pass
HE20	MCS0	1	13	2472	Full	13.23	30.00	4.00	17.23	36.00	Pass
HE20	MCS0	1	13	2472	26/8	8.78	30.00	4.00	12.78	36.00	Pass
HE20	MCS0	1	13	2472	52/40	10.80	30.00	4.00	14.80	36.00	Pass
HE20	MCS0	1	13	2472	106/54	11.18	30.00	4.00	15.18	36.00	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
					Ant1	Ant1	Ant1	
11b	1Mbps	1	1	2412	-6.88	4.00	8.00	Pass
11b	1Mbps	1	6	2437	-6.50	4.00	8.00	Pass
11b	1Mbps	1	11	2462	-6.71	4.00	8.00	Pass
11b	1Mbps	1	12	2467	-7.07	4.00	8.00	Pass
11b	1Mbps	1	13	2472	-10.96	4.00	8.00	Pass
11g	6Mbps	1	1	2412	-8.22	4.00	8.00	Pass
11g	6Mbps	1	6	2437	-6.63	4.00	8.00	Pass
11g	6Mbps	1	11	2462	-8.31	4.00	8.00	Pass
11g	6Mbps	1	12	2467	-8.83	4.00	8.00	Pass
11g	6Mbps	1	13	2472	-18.09	4.00	8.00	Pass
HT20	MCS0	1	1	2412	-8.68	4.00	8.00	Pass
HT20	MCS0	1	6	2437	-8.39	4.00	8.00	Pass
HT20	MCS0	1	11	2462	-8.03	4.00	8.00	Pass
HT20	MCS0	1	12	2467	-8.80	4.00	8.00	Pass
HT20	MCS0	1	13	2472	-18.70	4.00	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
						Ant1	Ant1	Ant1	
HE20	MCS0	1	1	2412	Full	-9.73	4.00	8.00	Pass
HE20	MCS0	1	1	2412	26/0	-10.29	4.00	8.00	Pass
HE20	MCS0	1	1	2412	52/37	-10.21	4.00	8.00	Pass
HE20	MCS0	1	1	2412	106/53	-9.86	4.00	8.00	Pass
HE20	MCS0	1	6	2437	Full	-9.46	4.00	8.00	Pass
HE20	MCS0	1	6	2437	26/0	-9.59	4.00	8.00	Pass
HE20	MCS0	1	6	2437	52/37	-9.80	4.00	8.00	Pass
HE20	MCS0	1	6	2437	106/53	-9.66	4.00	8.00	Pass
HE20	MCS0	1	11	2462	Full	-9.16	4.00	8.00	Pass
HE20	MCS0	1	11	2462	26/8	-9.31	4.00	8.00	Pass
HE20	MCS0	1	11	2462	52/40	-9.62	4.00	8.00	Pass
HE20	MCS0	1	11	2462	106/54	-9.41	4.00	8.00	Pass
HE20	MCS0	1	12	2467	Full	-9.88	4.00	8.00	Pass
HE20	MCS0	1	12	2467	26/8	-10.18	4.00	8.00	Pass
HE20	MCS0	1	12	2467	52/40	-10.06	4.00	8.00	Pass
HE20	MCS0	1	12	2467	106/54	-9.95	4.00	8.00	Pass
HE20	MCS0	1	13	2472	Full	-19.65	4.00	8.00	Pass
HE20	MCS0	1	13	2472	26/8	-19.85	4.00	8.00	Pass
HE20	MCS0	1	13	2472	52/40	-20.45	4.00	8.00	Pass
HE20	MCS0	1	13	2472	106/54	-21.92	4.00	8.00	Pass

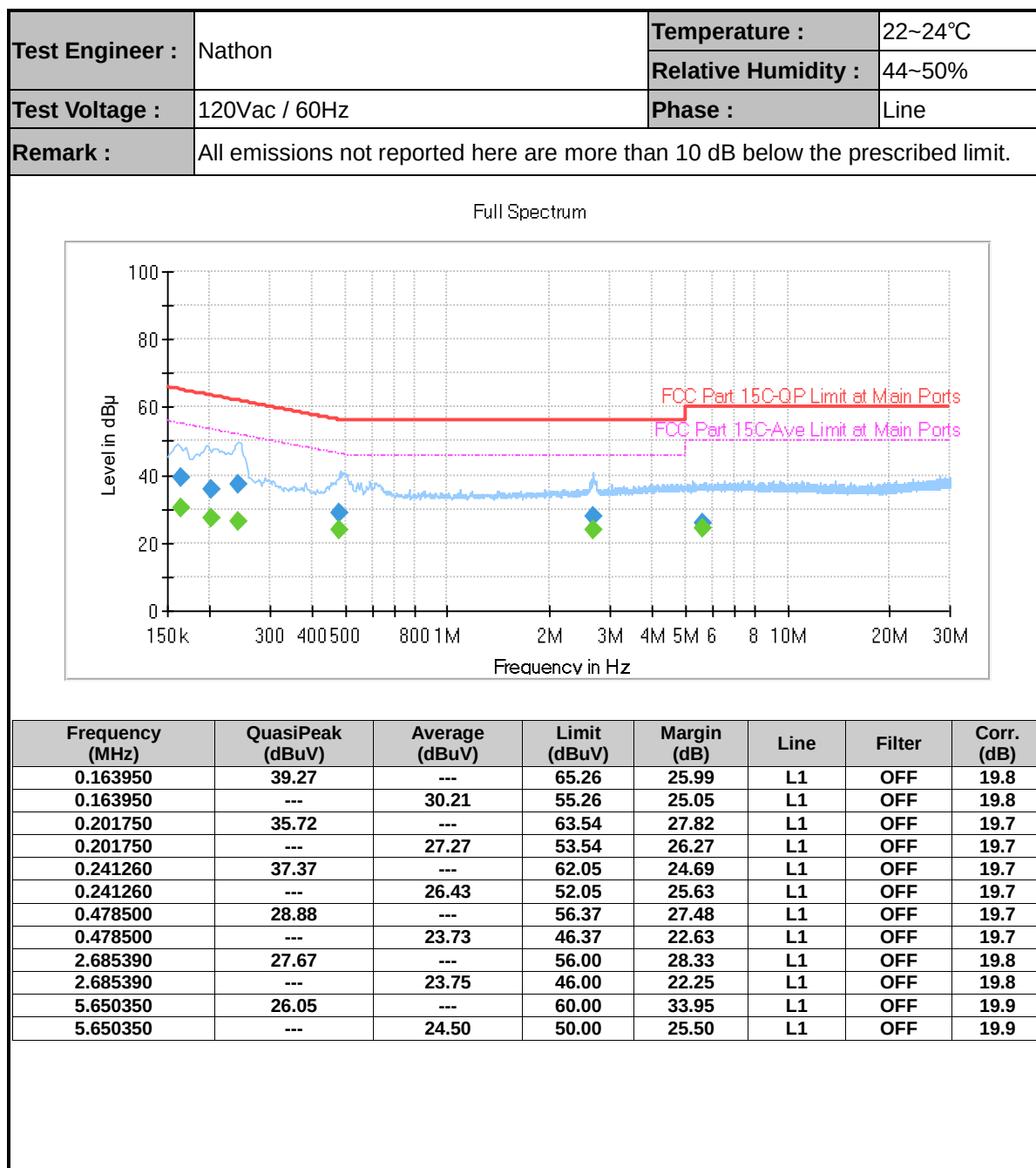
TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

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
					Ant1	Ant1		
11b	1Mbps	1	1	2412	12.69	8.34	0.50	Pass
11b	1Mbps	1	6	2437	12.73	8.32	0.50	Pass
11b	1Mbps	1	11	2462	12.74	8.34	0.50	Pass
11b	1Mbps	1	12	2467	12.72	8.34	0.50	Pass
11b	1Mbps	1	13	2472	12.77	8.32	0.50	Pass
11g	6Mbps	1	1	2412	16.95	16.36	0.50	Pass
11g	6Mbps	1	6	2437	16.69	16.24	0.50	Pass
11g	6Mbps	1	11	2462	16.93	16.30	0.50	Pass
11g	6Mbps	1	12	2467	16.97	16.36	0.50	Pass
11g	6Mbps	1	13	2472	16.96	16.32	0.50	Pass
HT20	MCS0	1	1	2412	17.94	17.64	0.50	Pass
HT20	MCS0	1	6	2437	18.06	17.40	0.50	Pass
HT20	MCS0	1	11	2462	18.03	17.60	0.50	Pass
HT20	MCS0	1	12	2467	17.96	17.58	0.50	Pass
HT20	MCS0	1	13	2472	17.99	17.46	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
						Ant1	Ant1		
HE20	MCS0	1	1	2412	Full	18.88	18.75	0.50	Pass
HE20	MCS0	1	1	2412	26/0	-	2.10	0.50	Pass
HE20	MCS0	1	6	2437	Full	19.03	18.65	0.50	Pass
HE20	MCS0	1	6	2437	26/0	-	2.20	0.50	Pass
HE20	MCS0	1	11	2462	Full	19.02	18.58	0.50	Pass
HE20	MCS0	1	11	2462	26/8	-	2.15	0.50	Pass
HE20	MCS0	1	12	2467	Full	18.87	18.75	0.50	Pass
HE20	MCS0	1	12	2467	26/8	-	2.18	0.50	Pass
HE20	MCS0	1	13	2472	Full	18.89	18.78	0.50	Pass
HE20	MCS0	1	13	2472	26/8	-	2.23	0.50	Pass

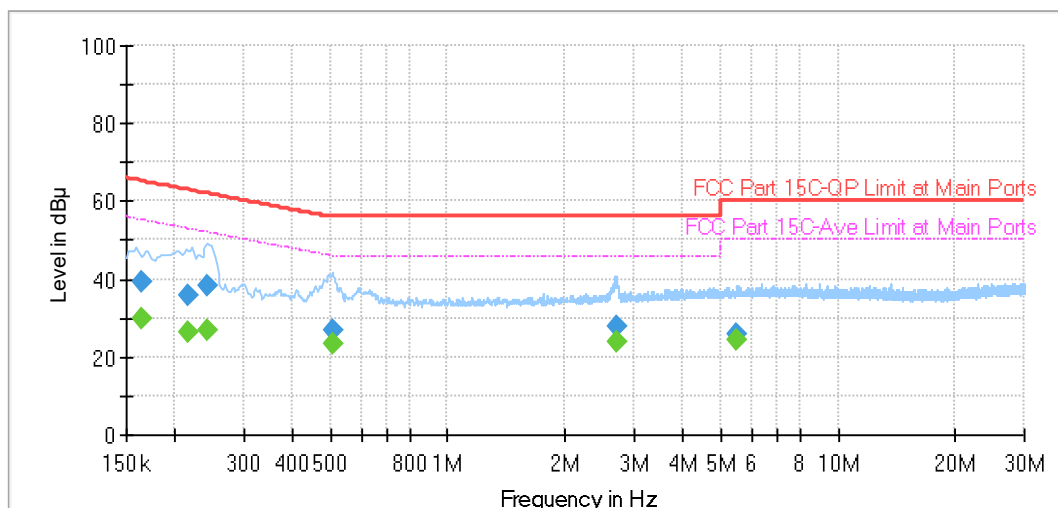
Appendix B. AC Conducted Emission Test Results





Test Engineer :	Nathon	Temperature :	22~24°C
		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.		

Full Spectrum



Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.163500	39.36	---	65.28	25.92	N	OFF	19.7
0.163500	---	29.94	55.28	25.34	N	OFF	19.7
0.215250	35.95	---	63.00	27.05	N	OFF	19.7
0.215250	---	26.49	53.00	26.52	N	OFF	19.7
0.242250	38.14	---	62.02	23.88	N	OFF	19.7
0.242250	---	26.74	52.02	25.27	N	OFF	19.7
0.510180	26.91	---	56.00	29.09	N	OFF	19.7
0.510180	---	23.21	46.00	22.79	N	OFF	19.7
2.703750	27.82	---	56.00	28.18	N	OFF	19.8
2.703750	---	23.84	46.00	22.16	N	OFF	19.8
5.517060	26.09	---	60.00	33.91	N	OFF	19.9
5.517060	---	24.52	50.00	25.49	N	OFF	19.9



Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Jia Kuang	Relative Humidity :	50%
		Temperature :	20~22 °C

Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	2400-2483.5	1	802.11b	01	2412	1Mbps	-	-
Mode 2	2400-2483.5	1	802.11b	06	2437	1Mbps	-	-
Mode 3	2400-2483.5	1	802.11b	11	2462	1Mbps	-	-
Mode 4	2400-2483.5	1	802.11b	12	2467	1Mbps	-	-
Mode 5	2400-2483.5	1	802.11b	13	2472	1Mbps	-	-
Mode 6	2400-2483.5	1	802.11g	01	2412	6Mbps	-	-
Mode 7	2400-2483.5	1	802.11g	06	2437	6Mbps	-	-
Mode 8	2400-2483.5	1	802.11g	11	2462	6Mbps	-	-
Mode 9	2400-2483.5	1	802.11g	12	2467	6Mbps	-	-
Mode 10	2400-2483.5	1	802.11g	13	2472	6Mbps	-	-
Mode 11	2400-2483.5	1	802.11ax HE20	01	2412	MCS0	Full RU	-
Mode 12	2400-2483.5	1	802.11ax HE20	01	2412	MCS0	Partial_RU 26/0	-
Mode 13	2400-2483.5	1	802.11ax HE20	01	2412	MCS0	Partial_RU 52/37	-
Mode 14	2400-2483.5	1	802.11ax HE20	01	2412	MCS0	Partial_RU 106/53	-
Mode 15	2400-2483.5	1	802.11ax HE20	06	2437	MCS0	Full RU	-
Mode 16	2400-2483.5	1	802.11ax HE20	11	2462	MCS0	Full RU	-
Mode 17	2400-2483.5	1	802.11ax HE20	11	2462	MCS0	Partial_RU 26/8	-
Mode 18	2400-2483.5	1	802.11ax HE20	11	2462	MCS0	Partial_RU 52/40	-
Mode 19	2400-2483.5	1	802.11ax HE20	11	2462	MCS0	Partial_RU 106/54	-
Mode 20	2400-2483.5	1	802.11ax HE20	12	2467	MCS0	Full RU	-
Mode 21	2400-2483.5	1	802.11ax HE20	12	2467	MCS0	Partial_RU 26/8	-
Mode 22	2400-2483.5	1	802.11ax HE20	12	2467	MCS0	Partial_RU 52/40	-
Mode 23	2400-2483.5	1	802.11ax HE20	12	2467	MCS0	Partial_RU 106/54	-
Mode 24	2400-2483.5	1	802.11ax HE20	13	2472	MCS0	Full RU	-
Mode 25	2400-2483.5	1	802.11ax HE20	13	2472	MCS0	Partial_RU 26/8	-
Mode 26	2400-2483.5	1	802.11ax HE20	13	2472	MCS0	Partial_RU 52/40	-
Mode 27	2400-2483.5	1	802.11ax HE20	13	2472	MCS0	Partial_RU 106/54	-
Mode 28	2400-2483.5	1	802.11ax HE20 LF	01	2412	MCS0	Full RU	-
Mode 31	2400-2483.5	1	802.11g	02	2417	6Mbps	-	-
Mode 32	2400-2483.5	1	802.11g	10	2457	6Mbps	-	-
Mode 33	2400-2483.5	1	802.11g	03	2422	6Mbps	-	-
Mode 34	2400-2483.5	1	802.11g	09	2452	6Mbps	-	-



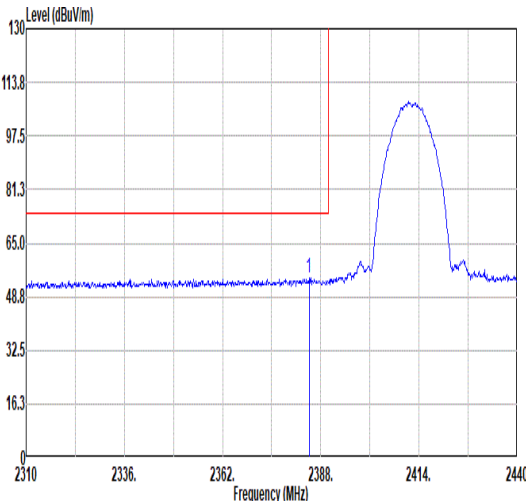
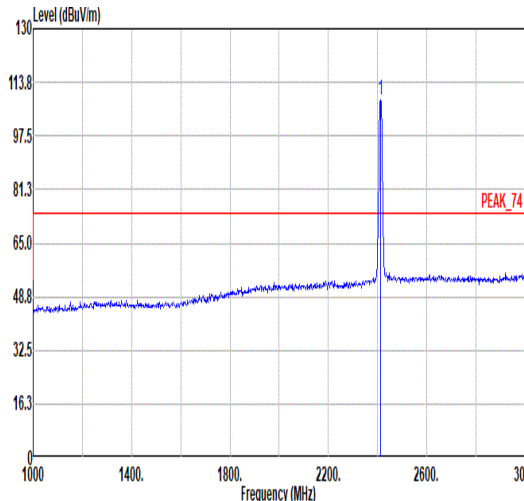
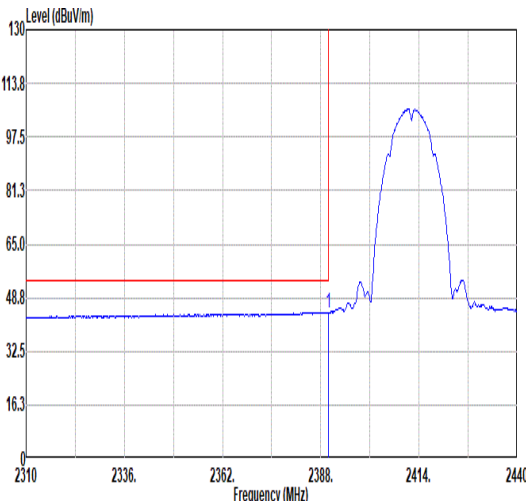
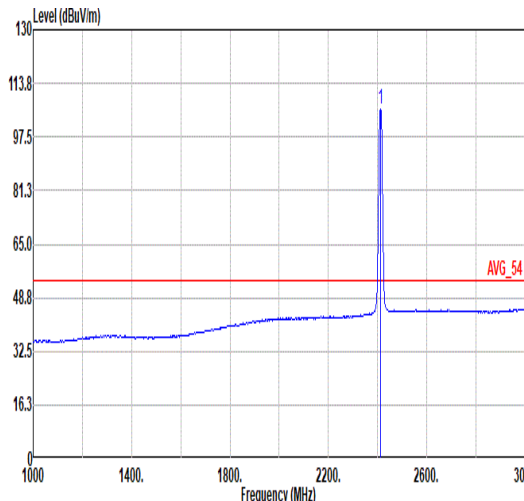
Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	PEAK Avg.	Result	Remark
1	802.11b	01	2389.95	44.39	54.00	-9.61	H	AVERAGE	Pass	Band Edge
	802.11b	01	4824.00	45.82	74.00	-28.18	V	Peak	Pass	Harmonic
2	802.11b	06	-	-	-	-	-	-	-	Band Edge
2	802.11b	06	7311.00	38.79	54.00	-15.21	H	Average	Pass	Harmonic
3	802.11b	11	2491.94	44.92	54.00	-9.08	H	AVERAGE	Pass	Band Edge
3	802.11b	11	7386.00	38.55	54.00	-15.45	H	Average	Pass	Harmonic
4	802.11b	12	2483.51	46.90	54.00	-7.10	H	AVERAGE	Pass	Band Edge
4	802.11b	12	7401.00	39.57	54.00	-14.43	H	Average	Pass	Harmonic
5	802.11b	13	2483.58	50.37	54.00	-3.63	H	AVERAGE	Pass	Band Edge
5	802.11b	13	7416.00	38.10	54.00	-15.90	H	Average	Pass	Harmonic
6	802.11g	01	2389.95	47.08	54.00	-6.92	H	AVERAGE	Pass	Band Edge
6	802.11g	01	4824.00	44.15	74.00	-29.85	V	Peak	Pass	Harmonic
7	802.11g	06	-	-	-	-	-	-	-	Band Edge
7	802.11g	06	7311.00	38.21	54.00	-15.79	H	Average	Pass	Harmonic
8	802.11g	11	2483.58	47.90	54.00	-6.10	H	AVERAGE	Pass	Band Edge
8	802.11g	11	7386.00	37.58	54.00	-16.42	H	Average	Pass	Harmonic
9	802.11g	12	2483.51	50.16	54.00	-3.84	H	AVERAGE	Pass	Band Edge
9	802.11g	12	7401.00	38.10	54.00	-15.90	V	Average	Pass	Harmonic
10	802.11g	13	2484.04	50.37	54.00	-3.63	H	AVERAGE	Pass	Band Edge
10	802.11g	13	7416.00	38.20	54.00	-15.80	H	Average	Pass	Harmonic
11	802.11ax HE20	01	2389.69	45.43	54.00	-8.57	H	AVERAGE	Pass	Band Edge
11	802.11ax HE20	01	4824.00	45.66	74.00	-28.34	V	Peak	Pass	Harmonic
12	802.11ax HE20	01	2382.41	42.94	54.00	-11.06	H	AVERAGE	Pass	Band Edge
12	802.11ax HE20	01	4824.00	44.09	74.00	-29.91	V	Peak	Pass	Harmonic
13	802.11ax HE20	01	2379.03	42.89	54.00	-11.11	H	AVERAGE	Pass	Band Edge
13	802.11ax HE20	01	4824.00	44.28	74.00	-29.72	H	Peak	Pass	Harmonic
14	802.11ax HE20	01	2387.61	43.61	54.00	-10.39	H	AVERAGE	Pass	Band Edge
14	802.11ax HE20	01	4824.00	43.88	74.00	-30.12	V	Peak	Pass	Harmonic
15	802.11ax HE20	06	-	-	-	-	-	-	-	Band Edge
15	802.11ax HE20	06	7311.00	37.49	54.00	-16.51	H	Average	Pass	Harmonic
16	802.11ax HE20	11	2483.51	49.55	54.00	-4.45	H	AVERAGE	Pass	Band Edge
16	802.11ax HE20	11	7386.00	38.05	54.00	-15.95	H	Average	Pass	Harmonic
17	802.11ax HE20	11	2488.52	43.47	54.00	-10.53	H	AVERAGE	Pass	Band Edge
17	802.11ax HE20	11	7386.00	37.56	54.00	-16.44	V	Average	Pass	Harmonic
18	802.11ax HE20	11	2497.42	43.58	54.00	-10.42	H	AVERAGE	Pass	Band Edge
18	802.11ax HE20	11	7386.00	36.55	54.00	-17.45	V	Average	Pass	Harmonic
19	802.11ax HE20	11	2486.59	44.40	54.00	-9.60	H	AVERAGE	Pass	Band Edge
19	802.11ax HE20	11	7386.00	35.89	54.00	-18.11	H	Average	Pass	Harmonic
20	802.11ax HE20	12	2483.81	50.13	54.00	-3.87	H	AVERAGE	Pass	Band Edge
20	802.11ax HE20	12	7401.00	37.57	54.00	-16.43	H	Average	Pass	Harmonic
21	802.11ax HE20	12	2483.66	43.75	54.00	-10.25	H	AVERAGE	Pass	Band Edge
21	802.11ax HE20	12	7401.00	37.57	54.00	-16.43	H	Average	Pass	Harmonic
22	802.11ax HE20	12	2484.04	44.04	54.00	-9.96	H	AVERAGE	Pass	Band Edge

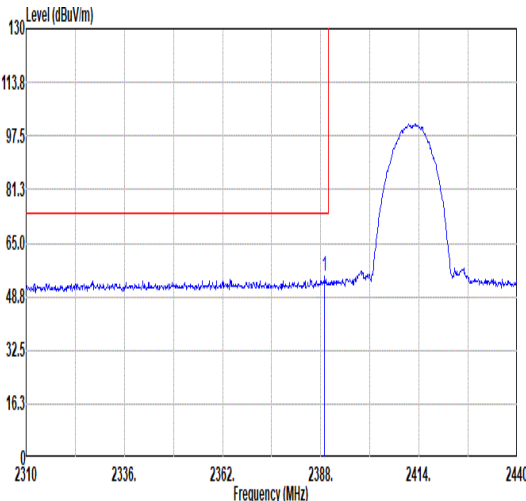
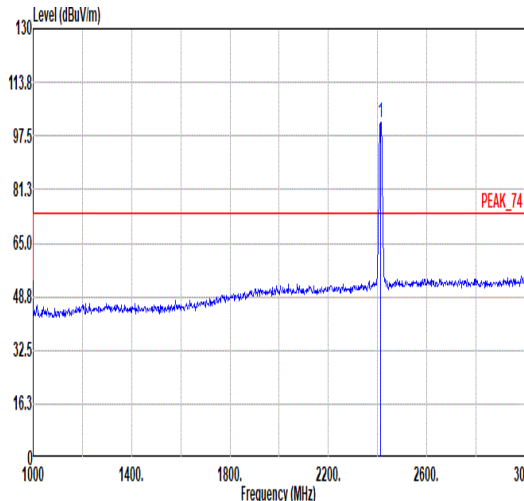
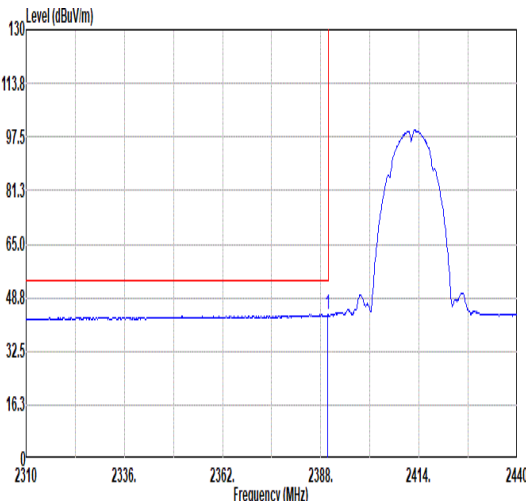
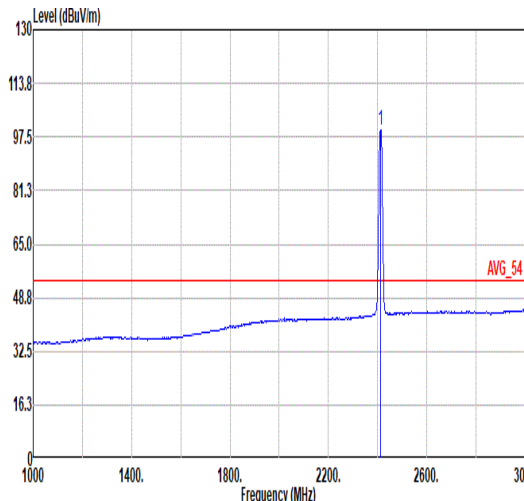


22	802.11ax HE20	12	7401.00	36.91	54.00	-17.09	H	Average	Pass	Harmonic
23	802.11ax HE20	12	2487.57	65.82	74.00	-8.18	H	PEAK	Pass	Band Edge
23	802.11ax HE20	12	7401.00	37.21	54.00	-16.79	H	Average	Pass	Harmonic
24	802.11ax HE20	13	2484.04	50.10	54.00	-3.90	H	AVERAGE	Pass	Band Edge
24	802.11ax HE20	13	7416.00	37.29	54.00	-16.71	H	Average	Pass	Harmonic
25	802.11ax HE20	13	2483.51	50.27	54.00	-3.73	H	AVERAGE	Pass	Band Edge
25	802.11ax HE20	13	7416.00	37.59	54.00	-16.41	H	Average	Pass	Harmonic
26	802.11ax HE20	13	2483.55	50.55	54.00	-3.45	H	AVERAGE	Pass	Band Edge
26	802.11ax HE20	13	7416.00	37.75	54.00	-16.25	V	Average	Pass	Harmonic
27	802.11ax HE20	13	2483.51	50.42	54.00	-3.58	H	AVERAGE	Pass	Band Edge
27	802.11ax HE20	13	7416.00	37.82	54.00	-16.18	H	Average	Pass	Harmonic
28	802.11ax HE20 LF	11	919.41	31.34	46.00	-14.66	H	PEAK	Pass	LF
31	802.11g	02	2389.04	50.13	54.00	-3.87	H	AVERAGE	Pass	Band Edge
31	802.11g	02	-	-	-	-	-	-	-	Harmonic
32	802.11g	10	2484.61	45.52	54.00	-8.48	H	AVERAGE	Pass	Band Edge
32	802.11g	10	-	-	-	-	-	-	-	Harmonic
33	802.11g	03	2389.82	50.63	54.00	-3.37	H	AVERAGE	Pass	Band Edge
33	802.11g	03	-	-	-	-	-	-	-	Harmonic
34	802.11g	09	2483.82	49.92	54.00	-4.08	H	AVERAGE	Pass	Band Edge
34	802.11g	09	-	-	-	-	-	-	-	Harmonic

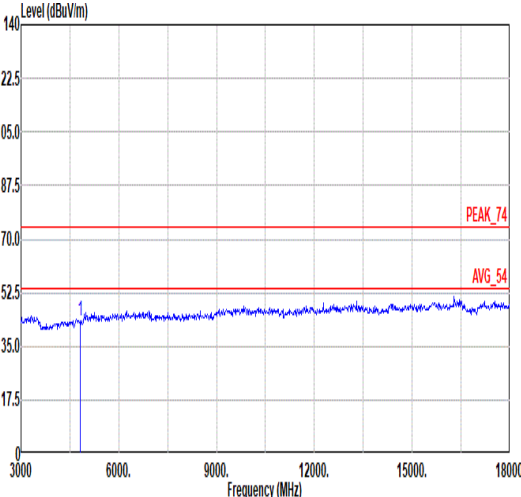
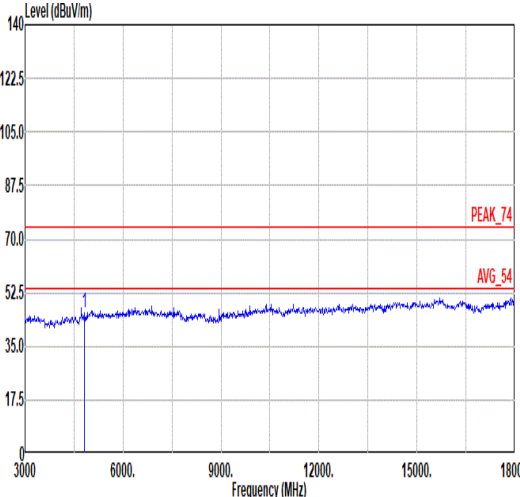


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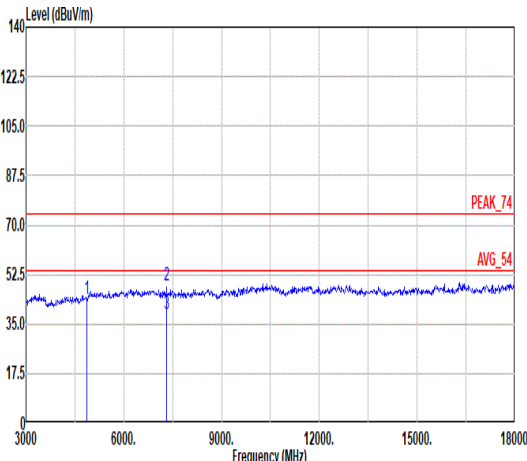
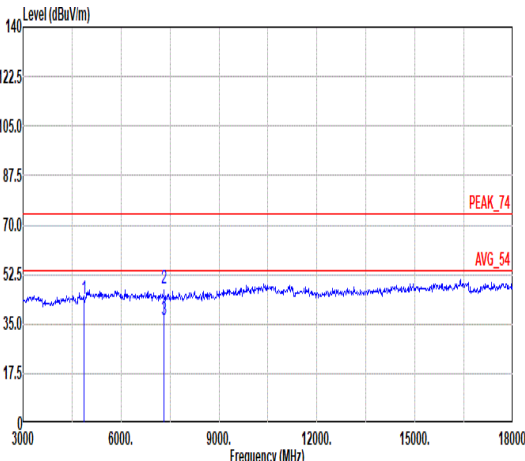


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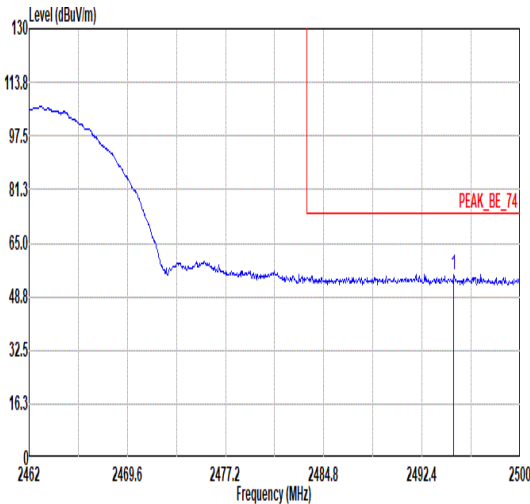
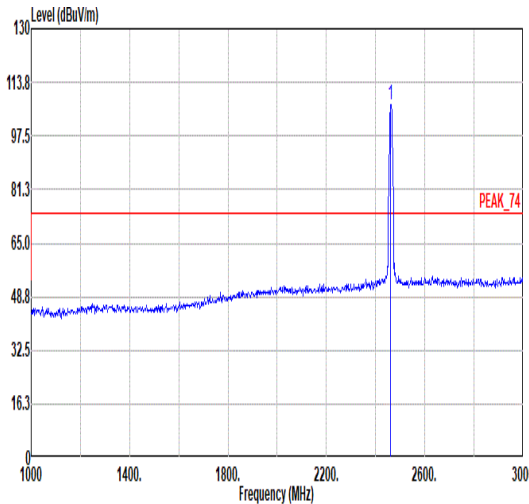
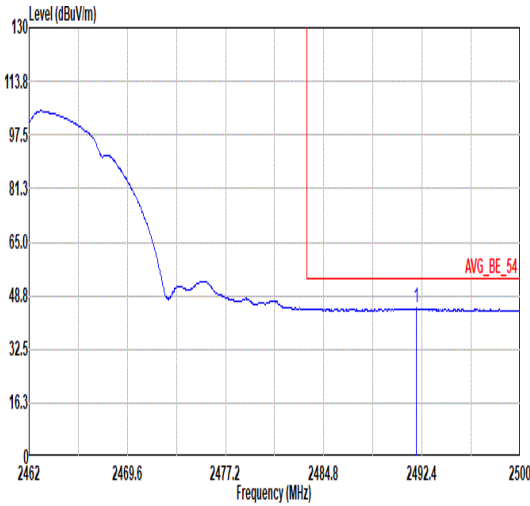
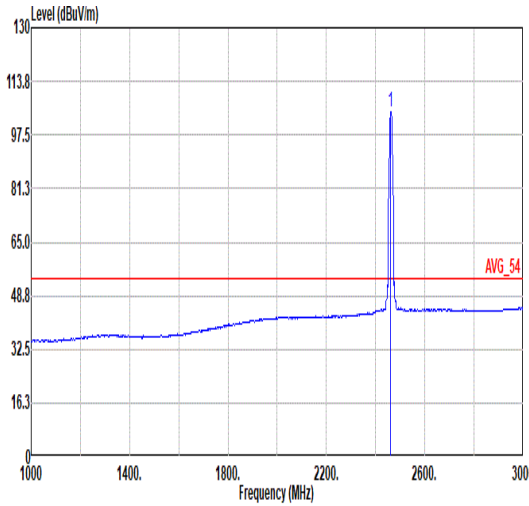


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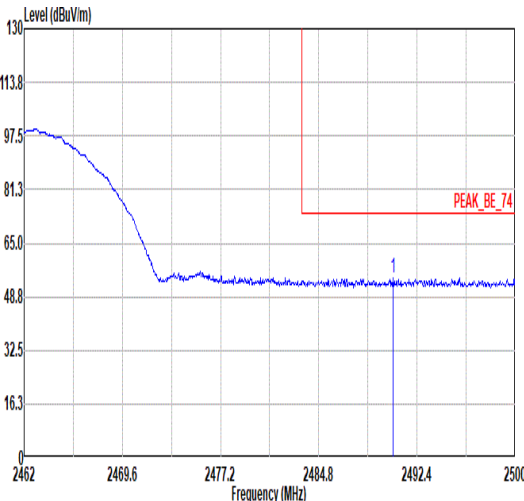
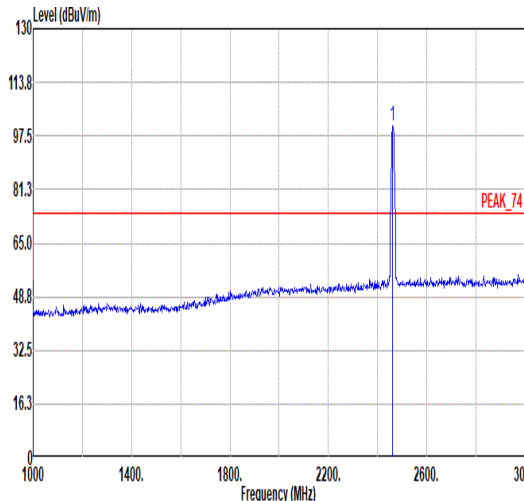
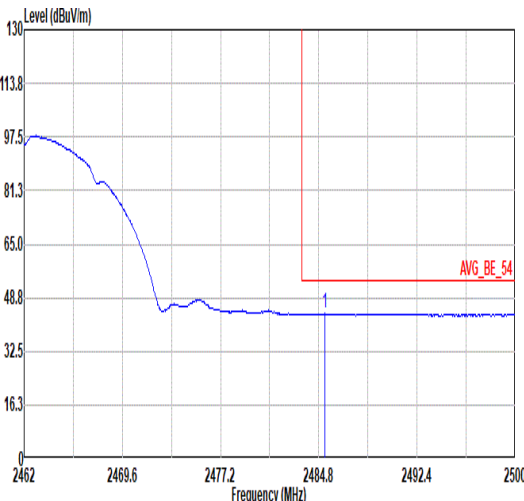
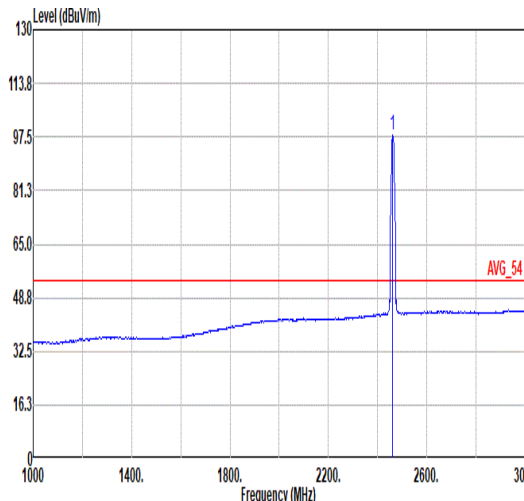


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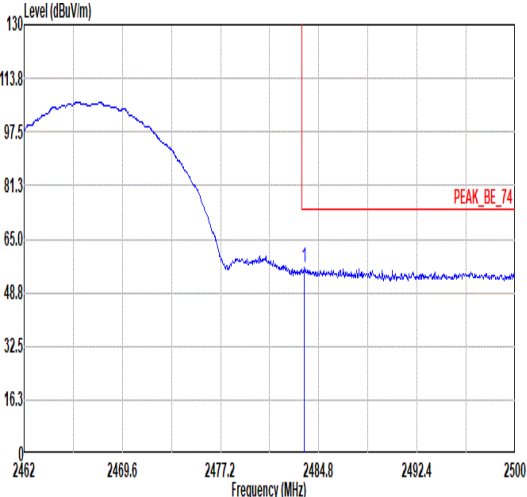
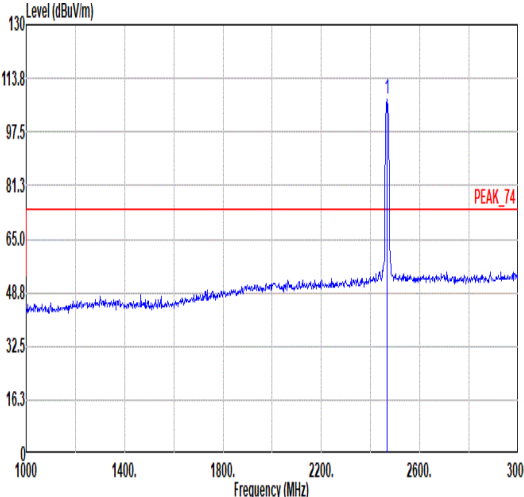
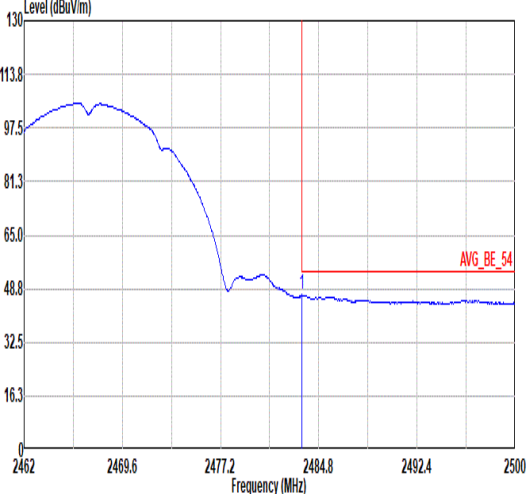
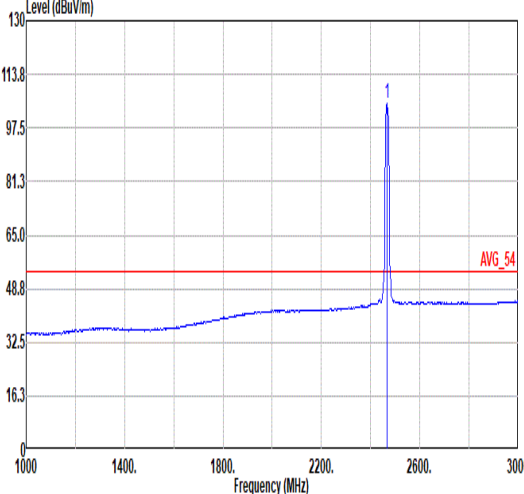


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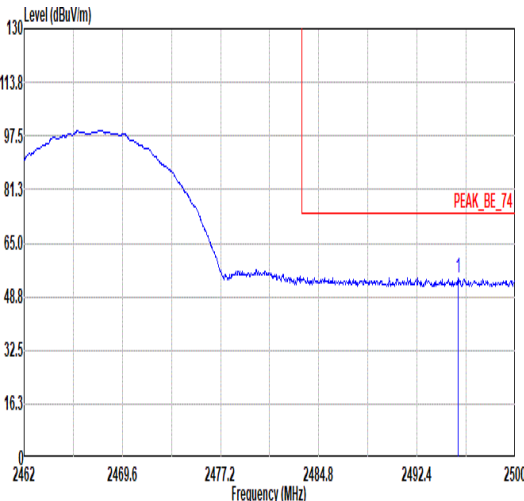
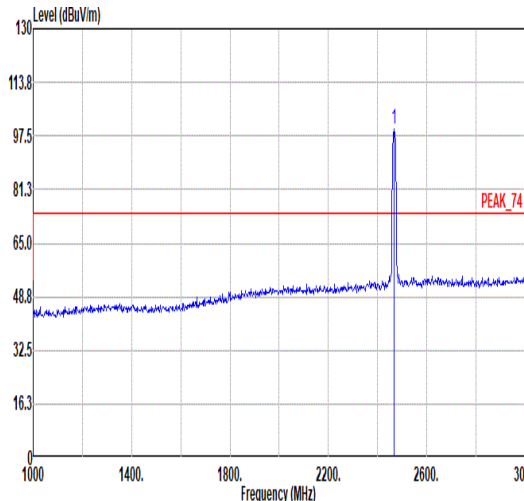
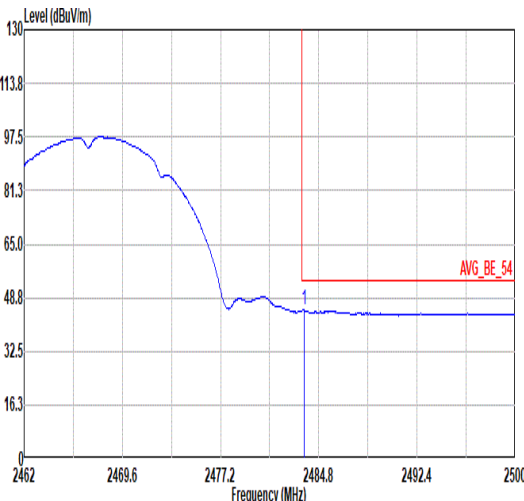
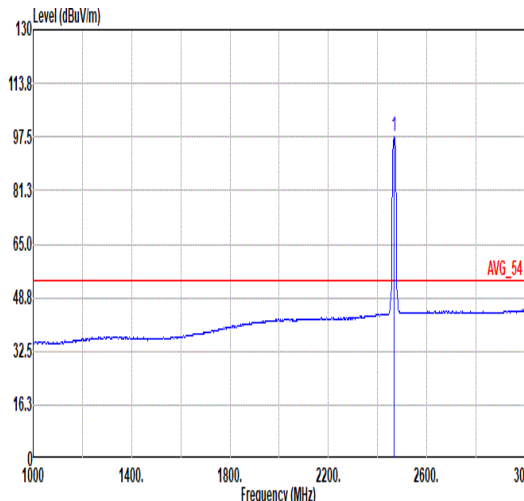


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