



FCC RADIO TEST REPORT

FCC ID : G95438TX
Equipment : CWA438TCOM
Brand Name : Vantiva
Model Name : CWA438TCOM, CWA438TCOX
Marketing Name : XB9
Applicant : Vantiva USA LLC
4855 Peachtree Industrial Blvd. Suite
200 Norcross, Georgia 30092
Manufacturer : Vantiva
4855 Peachtree Industrial Blvd, Suite
200 Norcross GA 30092
Standard : FCC Part 15 Subpart E §15.407

The product was received on Jan. 26, 2026 and testing was performed from Feb. 13, 2026 to May 15, 2026. We, Sporton International Inc. Wensan Laboratory, 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 from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FR612627E	01	Initial issue of report	Jul. 06, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403	6dB & 26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Pass	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	-
3.5	15.207	AC Conducted Emission	Pass	-
3.6	15.203	Antenna Requirement	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/manufacture 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:

1. 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.
2. Model name etched on bottom of the product is different to reflect different customers.

Reviewed by: Alan Liu

Report Producer: Aya Yang

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature		
General Specs Bluetooth - LE, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11a/ax/be, and ZigBee.		
Antenna Type WLAN: Dipole Antenna		
Antenna information for Directional Gain		
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	<Ant. DB 1+2+3+4> Correlated: 6.9 Uncorrelated: 1.5

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

The test location is accredited based on TAF code 3786 designated by NCC (National Communication Commission).

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

FCC designation No.: TW3786

Note: The test site complies with ANSI C63.4 2014 requirement.



1.4 Applicable Standards

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

- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ FCC Part 15 Subpart E
- ♦ ANSI C63.10-2020 + Cor.1-2023

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. 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).
- 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)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155#	5775	165	5825

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40 and 802.11be EHT40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80 and 802.11ax HE80 and 802.11be EHT80.

2.2 Test Mode

This device support 26/52/106/242/484-tone RU.

The PSD of partial RU is reduced to be smaller than full RU according to TCB workshop interim guidance Oct. 2018.

The 802.11ax mode is investigated among different tones, full resource units (RU), partial resource units. The partial RU has no higher power than full RU's, thus the full RU is chosen as main test configuration.

The 242-tone RU is covered by 20MHz channel, 484-tone RU is covered by 40MHz channel and 996-tone RU is covered by 80MHz channel.

The SISO mode conducted power is covered by MIMO mode per chain, so only the MIMO mode is tested.

The power for 802.11n mode is smaller than 802.11ac mode, so all other conducted and radiated test is covered by 802.11ac mode.

The power for 802.11ax mode is smaller than 802.11be mode, so all other conducted and radiated test is covered by 802.11be mode.

The final test modes include the worst data rates for each modulation shown in the table below.

CDD Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20 (Covered by VHT20)	MCS0
802.11n HT40 (Covered by VHT40)	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0
802.11ax HE20 (Covered by EHT20)	MCS0
802.11ax HE40 (Covered by EHT40)	MCS0
802.11ax HE80 (Covered by EHT80)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0

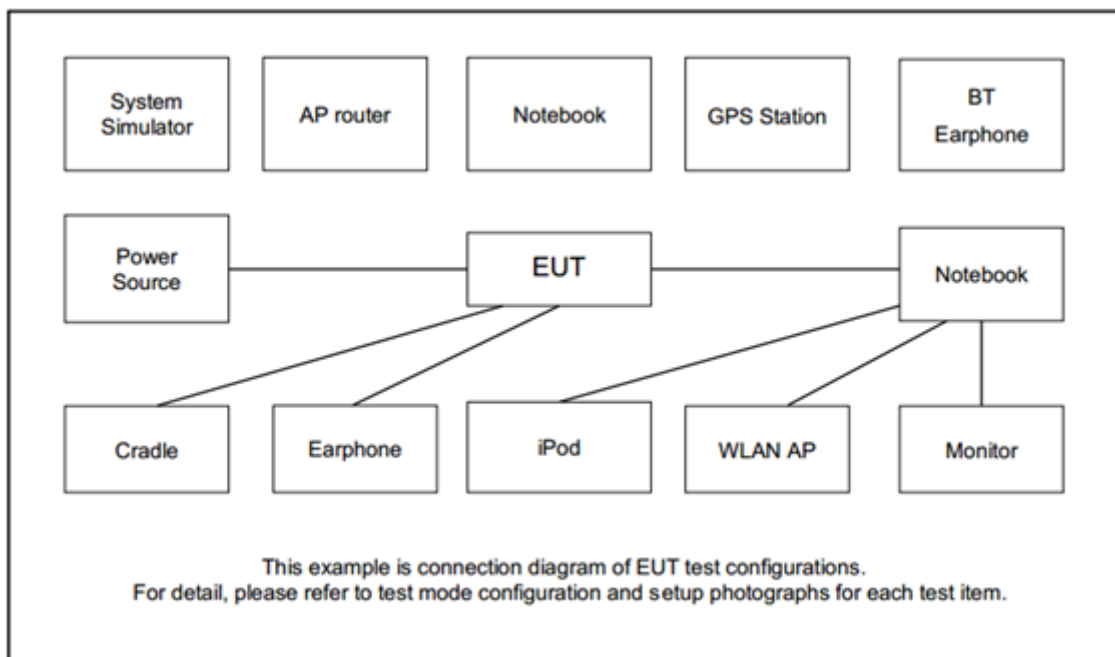
TXBF Mode

Modulation	Data Rate
802.11n HT20 (Covered by VHT20)	MCS0
802.11n HT40 (Covered by VHT40)	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0
802.11ax HE20 (Covered by EHT20)	MCS0
802.11ax HE40 (Covered by EHT40)	MCS0
802.11ax HE80 (Covered by EHT80)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0

Remark: The conducted power level of each chain in MIMO mode is equal or higher than SISO mode.

Test Cases	
AC Conducted Emission	Mode 1: WLAN (5GHz) Link + LAN Link + AC adapter
Remark: - The detailed Radiated test modes are shown in Appendix C. - For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.	

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8m
2.	Notebook	Dell	Latitude 3420	FCC DoC	N/A	AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8m

2.5 EUT Operation Test Setup

The RF test items, utility “AccessMTool 3.3.0.9” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

For TXBF mode, the modulation modes and data rates manipulated by the command lines in the engineering program made the EUT link to another EUT by power under the normal operation. The “Tera tern v4.95” software tool was used to enable the EUT to transmit signals continuously.

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 4.2 dB and 10 dB attenuator.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 4.2 + 10 = 14.2 \text{ (dB)}\end{aligned}$$

3 Test Result

3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement

3.1.1 Description of 6dB and 26dB and 99% Occupied Bandwidth

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

26dB and 99% Occupied bandwidth are reporting only.

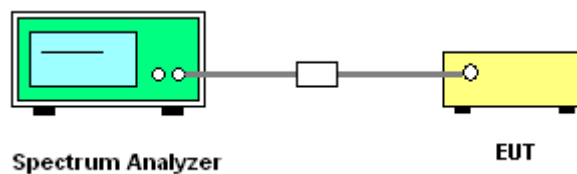
3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section C) Emission bandwidth for the band 5.725-5.85 GHz
2. Set RBW = 100 kHz.
3. Set the VBW $\geq 3 \times$ RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
7. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 6dB and 26dB and 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

For the band 5.725–5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.2.3 Test Procedures

<CDD Modes>

The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01

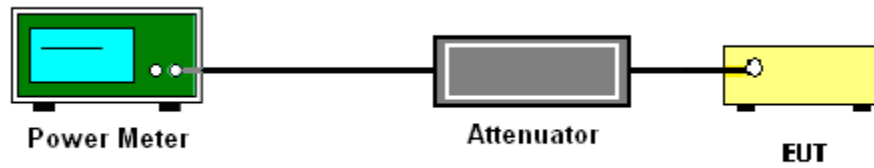
<TXBF Modes>

The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 for TXBF modes.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

For the band 5.725–5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section F) Maximum power spectral density.

<CDD Modes>

Method SA-2

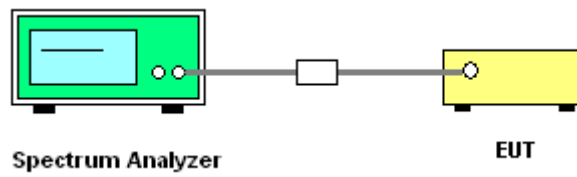
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 500kHz.
 - Set VBW $\geq$ 1 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.
1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
 3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (c): Measure and add $10 \log(N_{\text{ANT}})$ dB.

With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity $10 \log(N_{\text{ANT}})$ dB is added to each spectrum value before comparing to the emission limit. The addition of $10 \log(N_{\text{ANT}})$ dB serves to apportion the emission limit among the N_{ANT} outputs so that each output is permitted to contribute no more than $1/N_{\text{ANT}}^{\text{th}}$ of the PSD limit.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.4.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 5.725-5.85 GHz band:

15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

- (2) Unwanted spurious emissions falls in restricted bands shall comply with the general field strength limits as below table,

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

Note: The following formula is used to convert the EIRP to field strength.

$$E = \frac{1000000\sqrt{30P}}{3} \text{ } \mu\text{V/m, where P is the eirp (Watts)}$$

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.3



3.4.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.4.3 Test Procedures

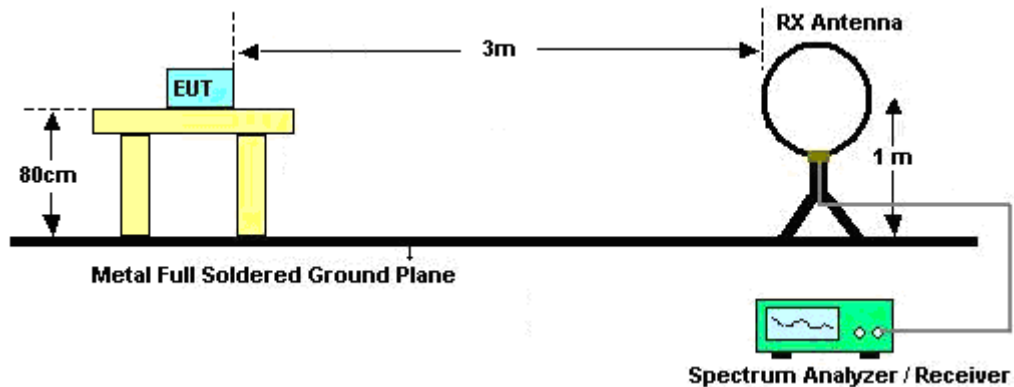
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - 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.
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.

7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies.

When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.

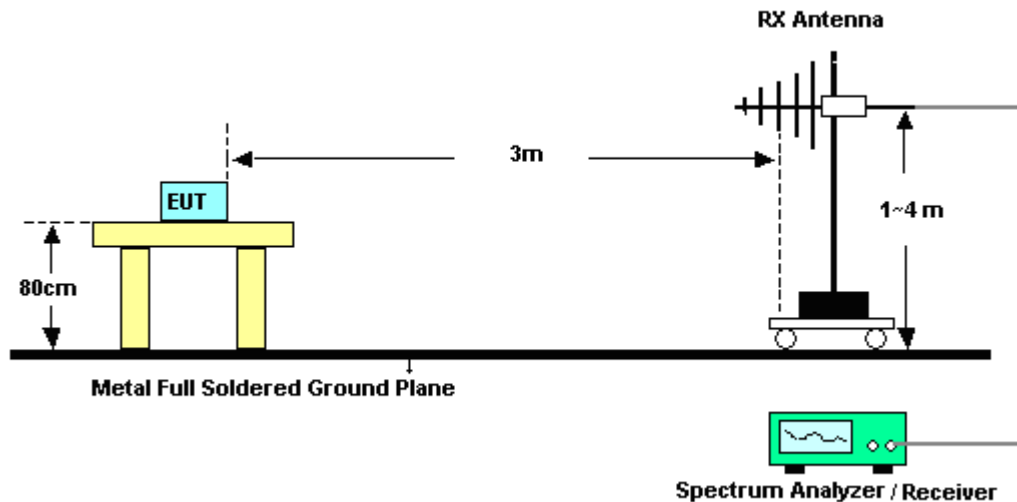
3.4.4 Test Setup

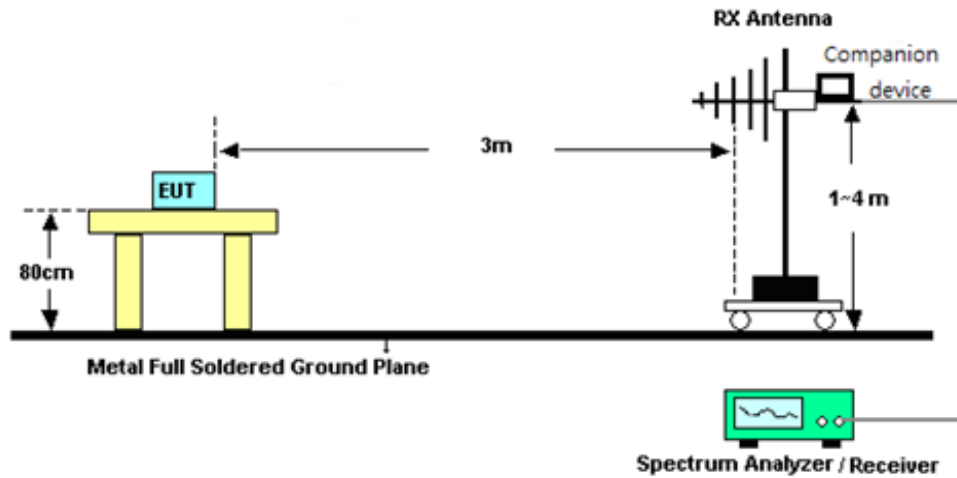
For radiated emissions below 30MHz



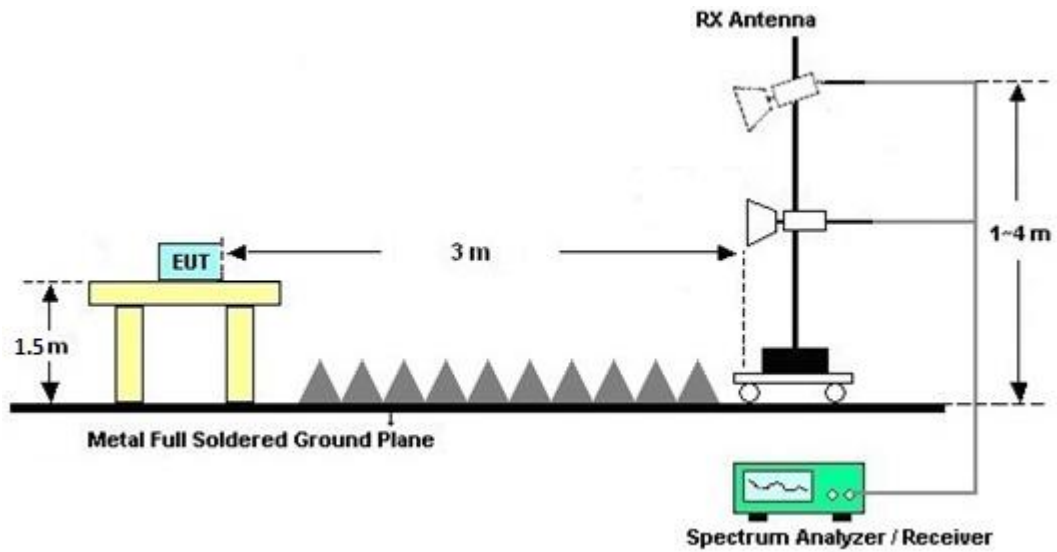
For radiated emissions from 30MHz to 1GHz

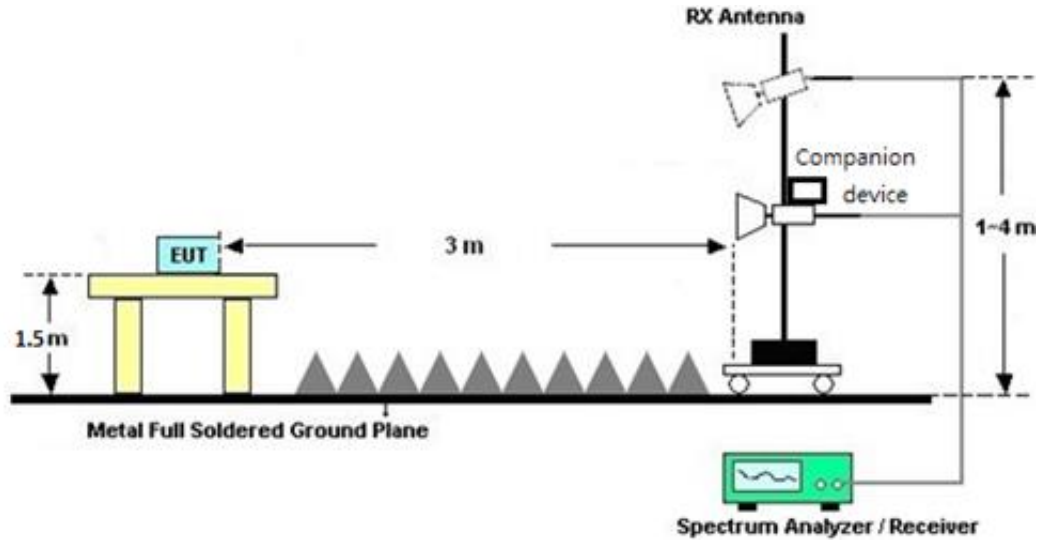
<CDD Mode>



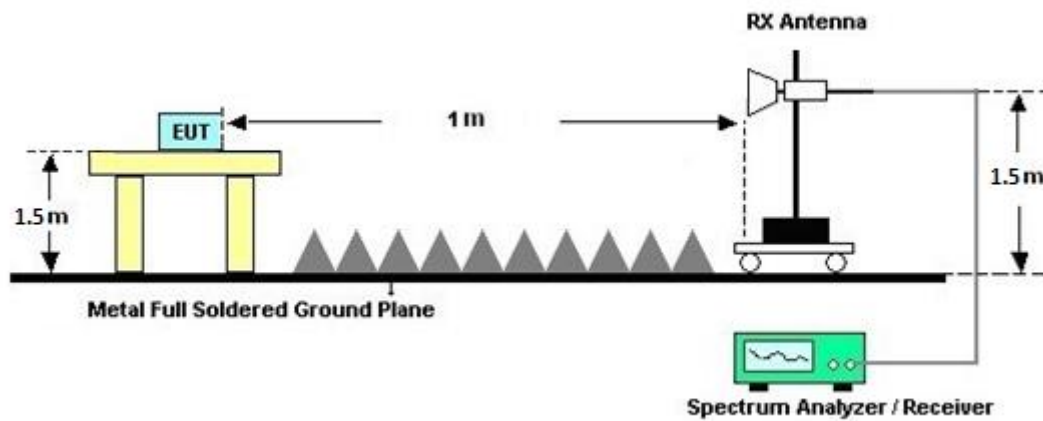
<TXBF Modes>


For radiated test from 1GHz to 18GHz

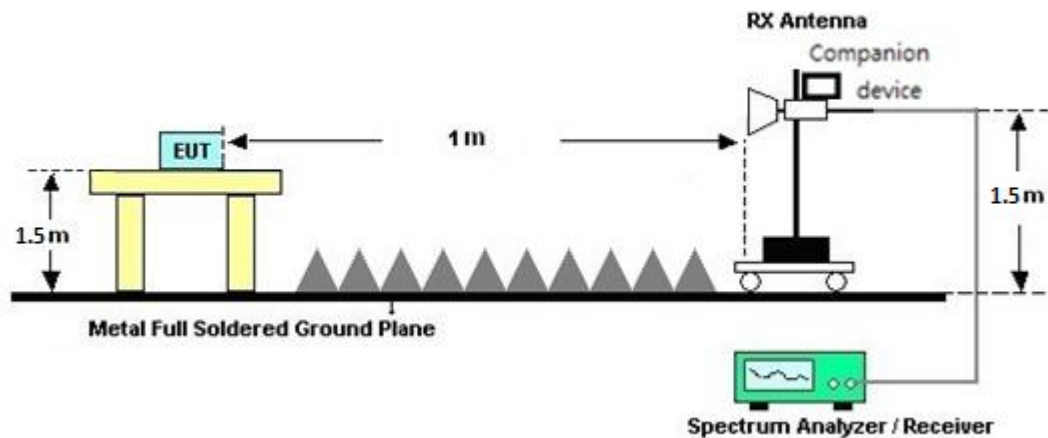
<CDD Mode>


<TXBF Modes>


For radiated test above 18GHz

<CDD Mode>


<TXBF Modes>



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

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

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site **v01r01**, and the result came out very similar.

3.4.6 Test Result of Radiated Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

3.4.8 Test Result of Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C.

3.5 AC Conducted Emission Measurement

3.5.1 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.

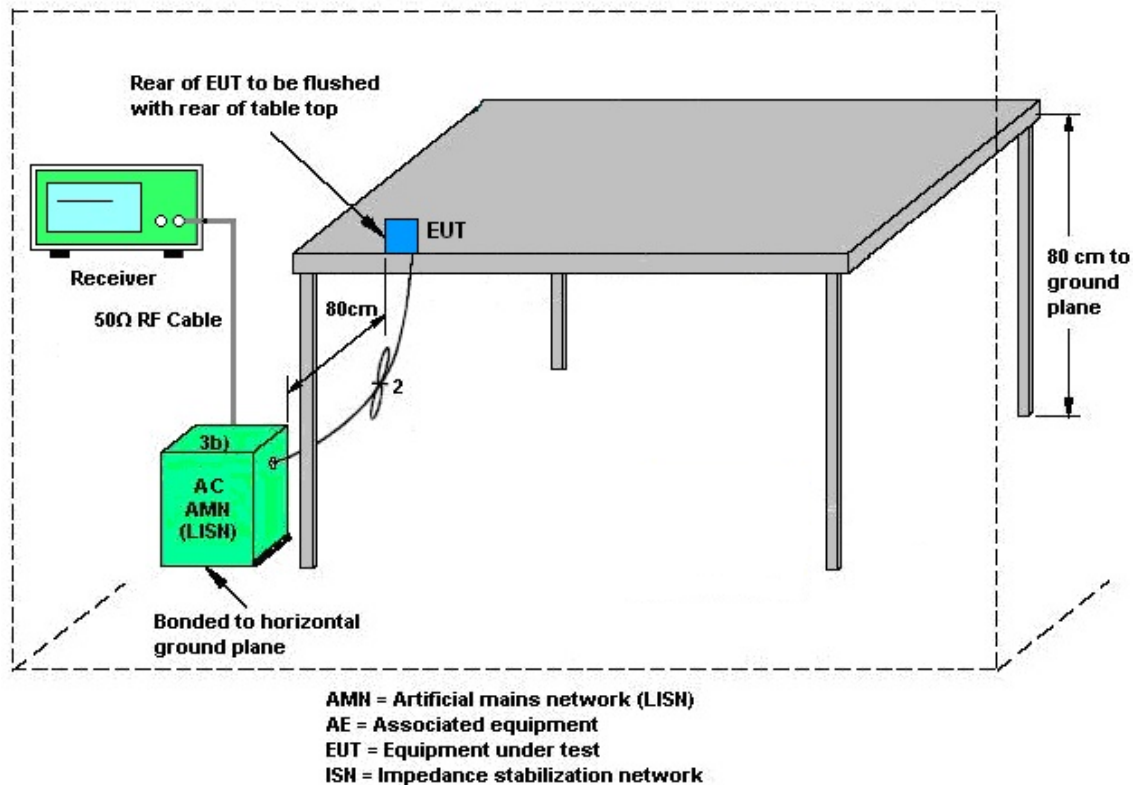
3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is 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 shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Antenna Requirements

3.6.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.6.2 Antenna Anti-Replacement Construction

Antenna permanently attached.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 06, 2025	Feb. 08, 2026~ Apr. 18, 2026	Jun. 05, 2026	Radiation (03CH15-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Mar. 06, 2025	Feb. 08, 2026~ Mar. 04, 2026	Mar. 05, 2026	Radiation (03CH15-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Mar. 16, 2026	Mar. 05, 2026~ Apr. 18, 2026	Mar. 15, 2027	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	41912 & 05	30MHz~1GHz	Mar. 01, 2025	Feb. 08, 2026~ Feb. 27, 2026	Feb. 28, 2026	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	41912 & 05	30MHz~1GHz	Mar. 16, 2026	Mar. 16, 2026~ Apr. 18, 2026	Mar. 15, 2027	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1225	18GHz~40GHz	Jul. 02, 2025	Feb. 08, 2026~ Apr. 18, 2026	Jul. 01, 2026	Radiation (03CH15-HY)
Amplifier	EMEC	EM1G18G	060837	1GHz~18GHz	Feb. 12, 2025	Feb. 08, 2026~ Feb. 10, 2026	Feb. 11, 2026	Radiation (03CH15-HY)
Amplifier	EMEC	EM1G18G	060837	1GHz~18GHz	Feb. 11, 2026	Feb. 11, 2026~ Apr. 18, 2026	Feb. 10, 2027	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060802	1GHz~18GHz	Feb. 12, 2025	Feb. 08, 2026~ Feb. 10, 2026	Feb. 11, 2026	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060802	1GHz~18GHz	Feb. 11, 2026	Feb. 11, 2026~ Apr. 18, 2026	Feb. 10, 2027	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM18G40G	060801	18GHz~40GHz	May 26, 2025	Feb. 08, 2026~ Apr. 18, 2026	May 25, 2026	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010B	MY60241058	10Hz~44Gz	Jul. 15, 2025	Feb. 08, 2026~ Apr. 18, 2026	Jul. 14, 2026	Radiation (03CH15-HY)
EMI Test Reveiver	Keysight	N9038A(MXE)	MY54130085	20Hz~8.4GHz	Oct. 15, 2025	Feb. 08, 2026~ Apr. 18, 2026	Oct. 14, 2026	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Feb. 08, 2026~ Apr. 18, 2026	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Feb. 08, 2026~ Apr. 18, 2026	N/A	Radiation (03CH15-HY)
Software	Audix	E3_V9_230621	RK-002394	N/A	N/A	Feb. 08, 2026~ Apr. 18, 2026	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY519228/2, 803950/2,508 407/2E	30MHz~40GHz	Sep. 24, 2025	Feb. 08, 2026~ Apr. 18, 2026	Sep. 23, 2026	Radiation (03CH15-HY)
Hygrometer	TECPEL	DTM-302	SN2	N/A	Aug. 26, 2025	Feb. 08, 2026~ Apr. 18, 2026	Aug. 25, 2026	Radiation (03CH15-HY)
Filter	wright	WHKX8-5872. 5-6750-18000-40ST	SN6	6.75GHz High Pass Filter	Jun. 03, 2025	Feb. 08, 2026~ Apr. 18, 2026	Jun. 02, 2026	Radiation (03CH15-HY)
Filter	wright	WHKX6-7268- 9200-26500-40 CD	SN2	9GHz High Pass Filter	May 21, 2025	Feb. 08, 2026~ Apr. 18, 2026	May 20, 2026	Radiation (03CH15-HY)
Filter	wright	WLJ4-1000-15 30-6000-40ST	SN4	1.53GHz Low Pass Filter	Jun. 03, 2025	Feb. 08, 2026~ Apr. 18, 2026	Jun. 02, 2026	Radiation (03CH15-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Feb. 13, 2026	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Feb. 13, 2026	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	9561-FN00373	9kHz~200MHz	Oct. 20, 2025	Feb. 13, 2026	Oct. 19, 2026	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 03, 2025	Feb. 13, 2026	Mar. 02, 2026	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 24, 2025	Feb. 13, 2026	Mar. 23, 2026	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Oct. 21, 2025	Feb. 13, 2026	Oct. 20, 2026	Conduction (CO07-HY)
Hygrometer	TECEPIL	DTM-303A	TP201996	N/A	Nov. 04, 2025	Feb. 20, 2026~May 15, 2026	Nov. 03, 2026	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	Feb. 20, 2026~May 15, 2026	Nov. 13, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Nov. 12, 2025	Feb. 20, 2026~May 15, 2026	Nov. 11, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900067 (BOX7)	N/A	Jul. 02, 2025	Feb. 20, 2026~May 15, 2026	Jul. 01, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	Feb. 20, 2026~May 15, 2026	N/A	Conducted (TH05-HY)

5 Measurement Uncertainty

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.7 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.5 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.3 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.5 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer	Derek Hsu	Temperature	21~25	°C
Test Date	2026/02/20~2026/05/15	Relative Humidity	51~54	%

<CDD Mode>

TEST RESULTS DATA
6dB and 99% OBW

Band IV MIMO 4Tx Mode Ant 1 + 2 + 3 + 4																		
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	26dB Bandwidth (MHz)				6 dB Bandwidth (MHz)				99% Bandwidth (MHz)				6 dB Min. Limit (MHz)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4		
11a	6Mbps	4	149	5745	26.56	28.34	24.68	26.10	16.37	16.36	16.37	16.36	18.14	18.09	18.23	18.30	0.5	Pass
11a	6Mbps	4	157	5785	29.68	29.14	34.13	32.31	16.36	16.35	16.34	16.36	18.16	18.30	18.50	18.53	0.5	Pass
11a	6Mbps	4	165	5825	28.58	27.07	35.15	32.41	16.36	16.35	16.34	16.35	18.37	18.25	18.62	18.43	0.5	Pass
VHT20	MCS0	4	149	5745	24.82	30.47	25.02	33.44	17.59	17.60	17.62	17.58	18.76	18.97	18.58	19.23	0.5	Pass
VHT20	MCS0	4	157	5785	28.38	32.94	25.61	34.82	17.59	17.59	17.61	17.60	18.90	19.01	18.73	19.21	0.5	Pass
VHT20	MCS0	4	165	5825	28.10	27.39	34.18	28.54	17.59	17.61	17.59	17.59	18.93	18.82	18.83	19.09	0.5	Pass
VHT40	MCS0	4	151	5755	50.02	42.27	45.20	57.41	36.36	36.38	36.36	36.33	37.05	36.92	36.98	37.23	0.5	Pass
VHT40	MCS0	4	159	5795	51.87	46.16	49.70	58.94	36.35	36.35	36.37	36.35	37.01	36.95	36.93	37.23	0.5	Pass
VHT80	MCS0	4	155	5775	92.03	88.80	118.05	97.82	75.74	75.73	76.32	76.08	76.40	76.29	76.34	76.45	0.5	Pass

TEST RESULTS DATA
Average Power Table

Band IV MIMO 4Tx Mode Ant 1 + 2 + 3 + 4												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM			
11a	6Mbps	4	149	5745	23.80	23.75	23.85	23.30	29.70	30.00	1.50	Pass
11a	6Mbps	4	157	5785	23.90	23.58	24.00	23.70	29.82	30.00	1.50	Pass
11a	6Mbps	4	165	5825	23.97	23.68	23.86	23.65	29.81	30.00	1.50	Pass
HT20	MCS0	4	149	5745	23.90	23.59	23.59	23.17	29.59	30.00	1.50	Pass
HT20	MCS0	4	157	5785	23.70	23.44	23.75	23.47	29.61	30.00	1.50	Pass
HT20	MCS0	4	165	5825	23.70	23.45	23.55	23.46	29.56	30.00	1.50	Pass
HT40	MCS0	4	151	5755	23.15	22.80	22.75	22.66	28.86	30.00	1.50	Pass
HT40	MCS0	4	159	5795	23.55	23.30	23.64	23.65	29.56	30.00	1.50	Pass
VHT20	MCS0	4	149	5745	23.85	23.55	23.75	23.22	29.62	30.00	1.50	Pass
VHT20	MCS0	4	157	5785	23.71	23.45	23.78	23.48	29.63	30.00	1.50	Pass
VHT20	MCS0	4	165	5825	23.71	23.46	23.56	23.47	29.57	30.00	1.50	Pass
VHT40	MCS0	4	151	5755	23.20	22.96	22.90	22.80	28.99	30.00	1.50	Pass
VHT40	MCS0	4	159	5795	23.65	23.42	23.70	23.70	29.64	30.00	1.50	Pass
VHT80	MCS0	4	155	5775	21.76	21.64	21.80	21.90	27.80	30.00	1.50	Pass

TEST RESULTS DATA
Power Spectral Density

Band IV MIMO 4Tx Mode Ant 1 + 2 + 3 + 4																
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Duty Factor (dB)				Average Power Density (dBm/500kHz)					Average PSD Limit (dBm/500kHz)	DG (dBi)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
11a	6Mbps	4	149	5745	0.23	0.23	0.23	0.23	8.91	9.05	8.90	8.42	15.07	29.10	6.90	Pass
11a	6Mbps	4	157	5785	0.23	0.23	0.23	0.23	8.91	8.68	9.11	8.85	15.13	29.10	6.90	Pass
11a	6Mbps	4	165	5825	0.23	0.23	0.23	0.23	8.99	8.55	8.87	8.82	15.01	29.10	6.90	Pass
VHT20	MCS0	4	149	5745	0.08	0.08	0.08	0.08	8.47	8.48	8.42	8.03	14.50	29.10	6.90	Pass
VHT20	MCS0	4	157	5785	0.08	0.08	0.08	0.08	8.57	8.49	8.73	8.52	14.75	29.10	6.90	Pass
VHT20	MCS0	4	165	5825	0.08	0.08	0.08	0.08	8.66	8.11	8.66	8.44	14.68	29.10	6.90	Pass
VHT40	MCS0	4	151	5755	0.16	0.16	0.16	0.16	4.72	4.69	4.37	4.55	10.74	29.10	6.90	Pass
VHT40	MCS0	4	159	5795	0.16	0.16	0.16	0.16	5.62	5.34	5.50	5.42	11.64	29.10	6.90	Pass
VHT80	MCS0	4	155	5775	0.32	0.32	0.32	0.32	0.74	0.63	0.79	0.65	6.81	29.10	6.90	Pass

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)

TEST RESULTS DATA
Average Power Table

Band IV MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM			
HE20	MCS0	4	149	5745	Full	23.93	23.50	24.00	23.23	29.70	30.00	1.50	Pass
HE20	MCS0	4	157	5785	Full	23.78	23.53	23.94	23.71	29.76	30.00	1.50	Pass
HE20	MCS0	4	165	5825	Full	23.97	23.48	23.83	23.67	29.76	30.00	1.50	Pass
HE40	MCS0	4	151	5755	Full	23.40	23.28	23.20	23.00	29.24	30.00	1.50	Pass
HE40	MCS0	4	159	5795	Full	23.84	23.55	24.09	23.65	29.81	30.00	1.50	Pass
HE80	MCS0	4	155	5775	Full	21.80	21.85	22.00	21.75	27.87	30.00	1.50	Pass

TEST RESULTS DATA
6dB and 99% OBW

Band IV MIMO 4Tx Mode Ant 1 + 2 + 3 + 4																			
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	26dB Bandwidth (MHz)				6 dB Bandwidth (MHz)				99% Bandwidth (MHz)				6 dB Min. Limit (MHz)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4		
EHT20	MCS0	4	149	5745	Full	30.10	29.85	24.58	33.80	18.99	18.93	18.97	18.97	19.54	19.62	19.52	19.63	0.5	Pass
EHT20	MCS0	4	157	5785	Full	37.39	34.21	33.99	31.64	18.97	18.90	18.95	19.00	19.55	19.62	19.64	19.59	0.5	Pass
EHT20	MCS0	4	165	5825	Full	38.50	28.85	34.98	32.58	18.97	18.95	18.75	19.02	19.64	19.55	19.64	19.66	0.5	Pass
EHT40	MCS0	4	151	5755	Full	43.12	46.75	42.94	48.56	37.73	37.75	37.69	37.72	38.27	38.23	38.17	38.23	0.5	Pass
EHT40	MCS0	4	159	5795	Full	48.77	42.93	43.09	45.22	37.76	37.76	37.69	37.98	38.27	38.14	38.21	38.29	0.5	Pass
EHT80	MCS0	4	155	5775	Full	101.86	88.29	107.23	86.56	76.74	76.86	77.07	77.79	77.90	77.89	77.95	77.86	0.5	Pass

TEST RESULTS DATA
Average Power Table

Band IV MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM			
EHT20	MCS0	4	149	5745	Full	23.94	23.65	24.01	23.25	29.74	30.00	1.50	Pass
EHT20	MCS0	4	157	5785	Full	23.80	23.64	23.95	23.72	29.80	30.00	1.50	Pass
EHT20	MCS0	4	165	5825	Full	23.98	23.65	23.85	23.68	29.81	30.00	1.50	Pass
EHT40	MCS0	4	151	5755	Full	23.43	23.30	23.31	22.98	29.28	30.00	1.50	Pass
EHT40	MCS0	4	159	5795	Full	23.85	23.57	24.10	23.66	29.82	30.00	1.50	Pass
EHT80	MCS0	4	155	5775	Full	21.84	21.82	22.15	21.80	27.93	30.00	1.50	Pass
EHT80	MCS0	4	155	5775	Puncture20_1	20.75	20.64	21.04	20.73	26.81	30.00	1.50	Pass
EHT80	MCS0	4	155	5775	Puncture20_2	20.64	20.85	20.75	20.64	26.74	30.00	1.50	Pass
EHT80	MCS0	4	155	5775	Puncture20_4	20.90	21.10	20.96	20.91	26.99	30.00	1.50	Pass

TEST RESULTS DATA
Power Spectral Density

Band IV MIMO 4Tx Mode Ant 1 + 2 + 3 + 4																	
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)				Average Power Density (dBm/500kHz)					Average PSD Limit (dBm/500kHz)	DG (dBi)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
EHT20	MCS0	4	149	5745	Full	0.11	0.11	0.11	0.11	8.21	8.27	8.31	7.81	14.33	29.10	6.90	Pass
EHT20	MCS0	4	157	5785	Full	0.11	0.11	0.11	0.11	8.32	8.00	8.72	8.11	14.74	29.10	6.90	Pass
EHT20	MCS0	4	165	5825	Full	0.11	0.11	0.11	0.11	8.41	8.02	8.34	8.25	14.43	29.10	6.90	Pass
EHT40	MCS0	4	151	5755	Full	0.19	0.19	0.19	0.19	4.80	4.63	4.49	4.44	10.82	29.10	6.90	Pass
EHT40	MCS0	4	159	5795	Full	0.19	0.19	0.19	0.19	5.41	5.14	5.56	5.43	11.58	29.10	6.90	Pass
EHT80	MCS0	4	155	5775	Full	0.37	0.37	0.37	0.37	0.93	0.93	1.18	0.67	7.20	29.10	6.90	Pass
EHT80	MCS0	4	155	5775	Puncture20_1	0.27	0.27	0.27	0.27	0.75	0.81	1.07	0.76	7.09	29.10	6.90	Pass
EHT80	MCS0	4	155	5775	Puncture20_2	0.27	0.27	0.27	0.27	0.66	0.69	0.95	0.92	6.97	29.10	6.90	Pass
EHT80	MCS0	4	155	5775	Puncture20_4	0.27	0.27	0.27	0.27	0.67	0.76	1.06	0.62	7.08	29.10	6.90	Pass

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)

<TXBF Mode>

TEST RESULTS DATA
6dB and 99% OBW

Band IV MIMO 4Tx Mode Ant 1 + 2 + 3 + 4																		
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	26dB Bandwidth (MHz)				6 dB Bandwidth (MHz)				99% Bandwidth (MHz)				6 dB Min. Limit (MHz)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4		
VHT20	MCS0	4	149	5745	28.18	27.92	26.72	30.97	17.59	17.59	17.60	17.58	18.86	18.87	18.69	19.17	0.5	Pass
VHT20	MCS0	4	157	5785	27.26	30.46	28.19	29.50	17.95	17.59	17.60	17.60	18.96	18.87	18.85	19.15	0.5	Pass
VHT20	MCS0	4	165	5825	30.78	26.50	28.41	30.72	17.59	17.62	17.59	17.58	18.80	18.84	18.82	19.19	0.5	Pass
VHT40	MCS0	4	151	5755	60.13	50.66	54.75	57.49	35.09	36.94	36.36	36.36	37.14	37.09	37.08	37.23	0.5	Pass
VHT40	MCS0	4	159	5795	51.74	49.06	52.18	47.07	36.38	36.32	36.35	37.57	37.10	37.05	37.21	37.32	0.5	Pass
VHT80	MCS0	4	155	5775	82.82	85.38	84.16	84.96	75.79	75.74	75.71	75.14	76.41	76.49	76.63	76.65	0.5	Pass

TEST RESULTS DATA
Average Power Table

Band IV MIMO 4Tx Mode Ant 1 + 2 + 3 + 4												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
HT20	MCS0	4	149	5745	22.60	22.75	22.80	22.60	28.71	29.10	6.90	Pass
HT20	MCS0	4	157	5785	22.77	22.77	22.99	22.99	28.90	29.10	6.90	Pass
HT20	MCS0	4	165	5825	22.56	22.45	22.78	22.60	28.62	29.10	6.90	Pass
HT40	MCS0	4	151	5755	22.97	23.00	22.85	22.91	28.95	29.10	6.90	Pass
HT40	MCS0	4	159	5795	22.75	22.75	22.75	22.95	28.82	29.10	6.90	Pass
VHT20	MCS0	4	149	5745	23.00	22.91	22.94	22.75	28.92	29.10	6.90	Pass
VHT20	MCS0	4	157	5785	22.80	22.90	23.10	23.10	29.00	29.10	6.90	Pass
VHT20	MCS0	4	165	5825	23.05	22.65	22.90	22.86	28.89	29.10	6.90	Pass
VHT40	MCS0	4	151	5755	22.97	23.10	22.80	22.90	28.96	29.10	6.90	Pass
VHT40	MCS0	4	159	5795	22.90	22.86	22.80	23.15	28.95	29.10	6.90	Pass
VHT80	MCS0	4	155	5775	22.19	22.62	22.68	22.47	28.51	29.10	6.90	Pass

TEST RESULTS DATA
Power Spectral Density

Band IV MIMO 4Tx Mode Ant 1 + 2 + 3 + 4												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Power Density (dBm/500kHz)					Average PSD Limit (dBm/500kHz)	DG (dBi)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
VHT20	MCS0	4	149	5745	9.88	9.89	10.48	9.18	16.50	29.10	6.90	Pass
VHT20	MCS0	4	157	5785	10.15	9.82	10.21	9.67	16.23	29.10	6.90	Pass
VHT20	MCS0	4	165	5825	10.01	9.45	10.17	9.10	16.19	29.10	6.90	Pass
VHT40	MCS0	4	151	5755	9.12	8.71	9.06	8.98	15.14	29.10	6.90	Pass
VHT40	MCS0	4	159	5795	8.96	9.23	8.74	8.67	15.25	29.10	6.90	Pass
VHT80	MCS0	4	155	5775	8.77	9.81	9.40	7.95	15.83	29.10	6.90	Pass

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)

TEST RESULTS DATA
Average Power Table

Band IV MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM			
HE20	MCS0	4	149	5745	Full	23.08	22.95	22.89	22.90	28.98	29.10	6.90	Pass
HE20	MCS0	4	157	5785	Full	22.89	23.06	23.10	22.94	29.02	29.10	6.90	Pass
HE20	MCS0	4	165	5825	Full	23.14	22.88	22.98	22.89	28.99	29.10	6.90	Pass
HE40	MCS0	4	151	5755	Full	23.05	23.10	22.95	22.93	29.03	29.10	6.90	Pass
HE40	MCS0	4	159	5795	Full	22.89	22.91	22.88	23.15	28.98	29.10	6.90	Pass
HE80	MCS0	4	155	5775	Full	22.18	22.64	22.65	22.47	28.51	29.10	6.90	Pass

TEST RESULTS DATA
6dB and 99% OBW

Band IV MIMO 4Tx Mode Ant 1 + 2 + 3 + 4																			
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config	26dB Bandwidth (MHz)				6 dB Bandwidth (MHz)				99% Bandwidth (MHz)				6 dB Min. Limit (MHz)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4		
EHT20	MCS0	4	149	5745	Full	23.91	21.62	23.22	22.34	17.85	19.07	19.04	19.10	19.33	19.46	19.64	19.59	0.5	Pass
EHT20	MCS0	4	157	5785	Full	22.16	22.53	23.70	22.44	19.11	17.45	18.17	18.91	19.73	19.50	19.19	19.60	0.5	Pass
EHT20	MCS0	4	165	5825	Full	22.35	21.99	22.26	22.18	18.97	18.22	19.10	17.20	19.44	19.29	19.62	19.50	0.5	Pass
EHT40	MCS0	4	151	5755	Full	41.14	41.62	41.60	47.30	37.18	37.92	37.18	34.45	38.10	38.35	37.98	37.96	0.5	Pass
EHT40	MCS0	4	159	5795	Full	41.81	41.04	43.06	41.68	37.94	35.62	35.91	36.35	37.99	38.07	38.12	38.28	0.5	Pass
EHT80	MCS0	4	155	5775	Full	83.49	82.94	83.78	84.42	76.91	75.97	77.22	73.86	77.97	77.55	77.24	76.74	0.5	Pass

TEST RESULTS DATA
Average Power Table

Band IV MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM			
EHT20	MCS0	4	149	5745	Full	23.10	22.94	22.99	22.89	29.00	29.10	6.90	Pass
EHT20	MCS0	4	157	5785	Full	22.94	23.04	23.25	22.94	29.06	29.10	6.90	Pass
EHT20	MCS0	4	165	5825	Full	23.15	22.94	22.92	22.91	29.00	29.10	6.90	Pass
EHT40	MCS0	4	151	5755	Full	23.18	23.10	23.00	22.94	29.08	29.10	6.90	Pass
EHT40	MCS0	4	159	5795	Full	23.02	23.09	22.95	23.10	29.06	29.10	6.90	Pass
EHT80	MCS0	4	155	5775	Full	22.19	22.65	22.66	22.48	28.52	29.10	6.90	Pass

TEST RESULTS DATA
Power Spectral Density

Band IV MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/500kHz)					Average PSD Limit (dBm/500kHz)	DG (dBi)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
EHT20	MCS0	4	149	5745	Full	11.99	13.13	12.94	11.89	19.15	29.10	6.90	Pass
EHT20	MCS0	4	157	5785	Full	13.09	11.97	10.70	11.11	19.11	29.10	6.90	Pass
EHT20	MCS0	4	165	5825	Full	11.89	11.88	10.97	13.80	19.82	29.10	6.90	Pass
EHT40	MCS0	4	151	5755	Full	10.15	10.25	9.67	11.48	17.50	29.10	6.90	Pass
EHT40	MCS0	4	159	5795	Full	10.59	11.07	9.66	10.16	17.09	29.10	6.90	Pass
EHT80	MCS0	4	155	5775	Full	9.27	9.61	9.48	8.31	15.63	29.10	6.90	Pass

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)

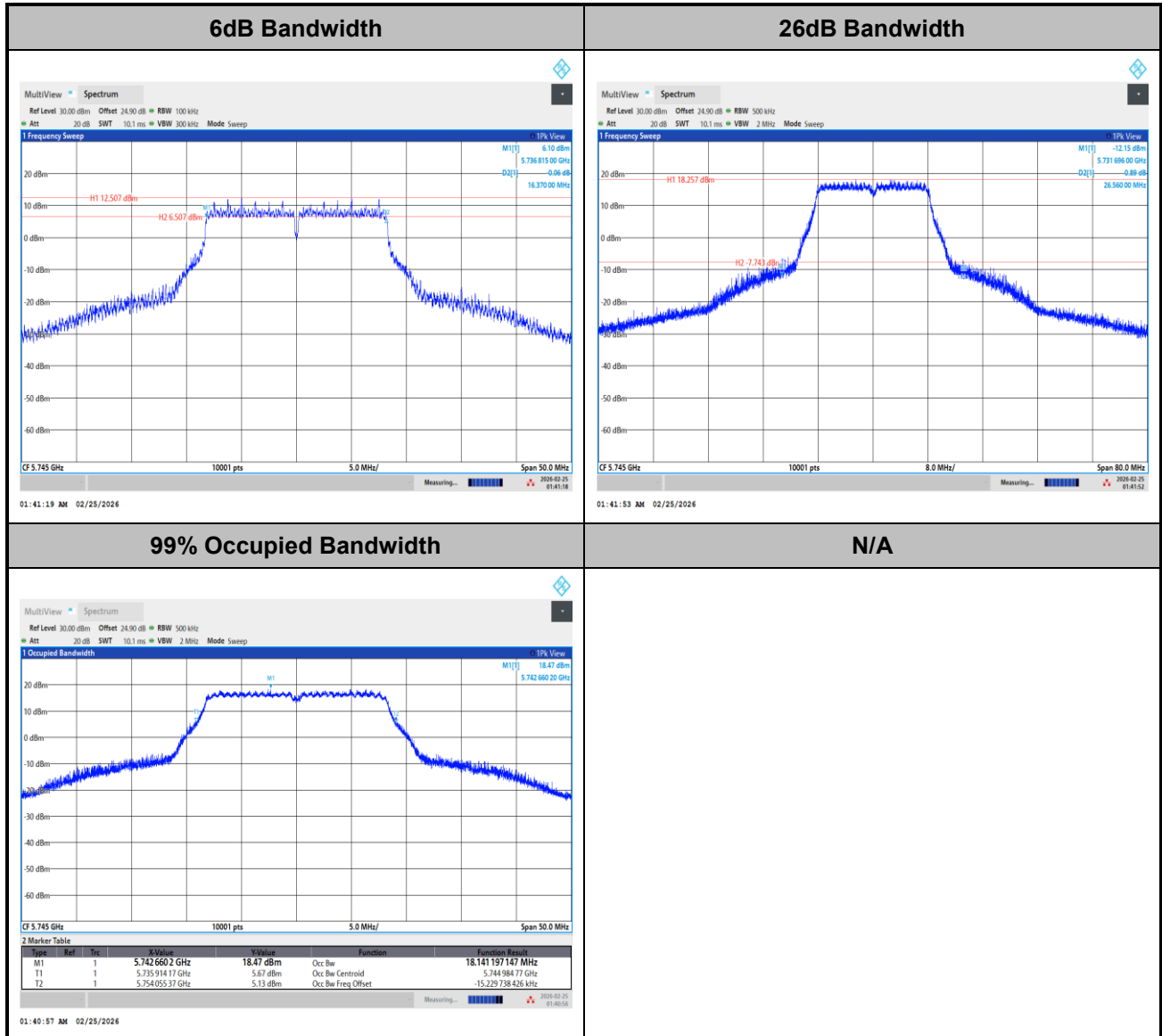


<CDD Mode>

Test Result of 6dB and 26dB and 99% Occupied Bandwidth

MIMO <Ant. 1+2+3+4>

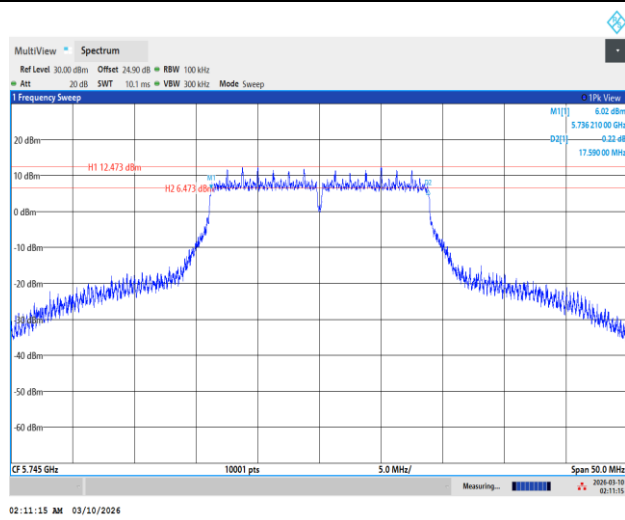
<802.11a>



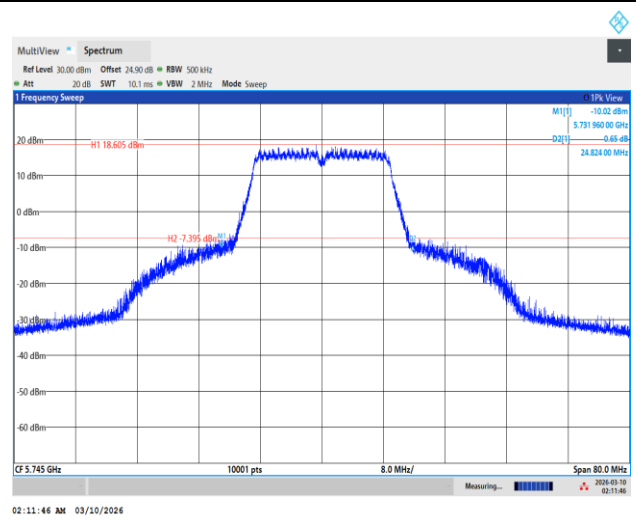


<802.11ac VHT20>

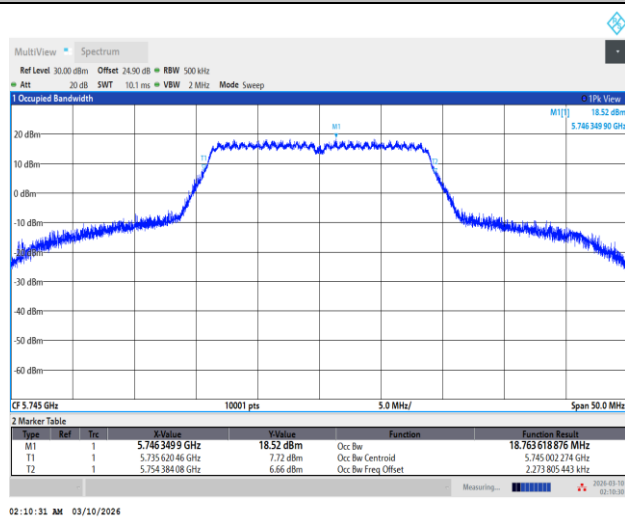
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth

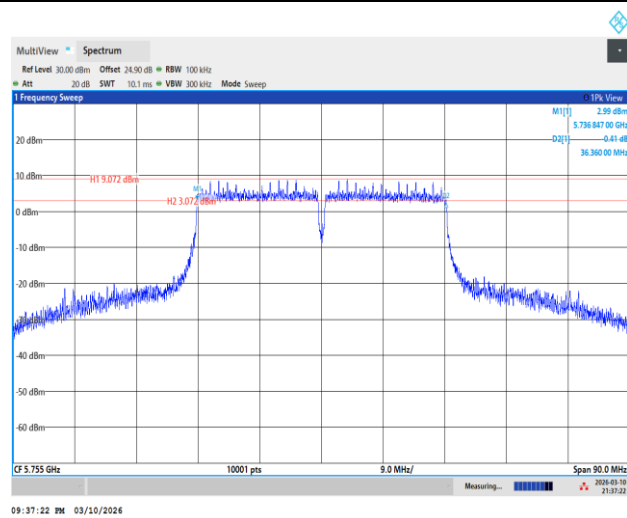


N/A

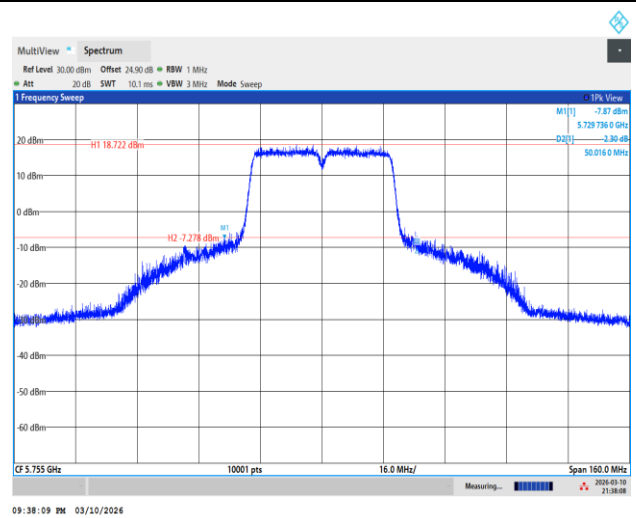


<802.11ac VHT40>

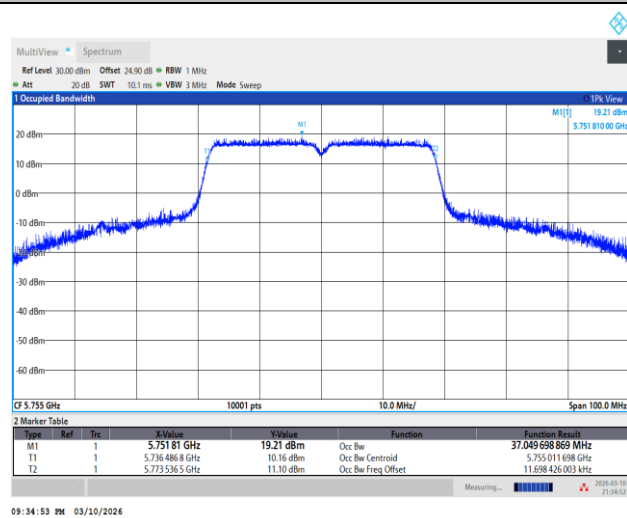
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth

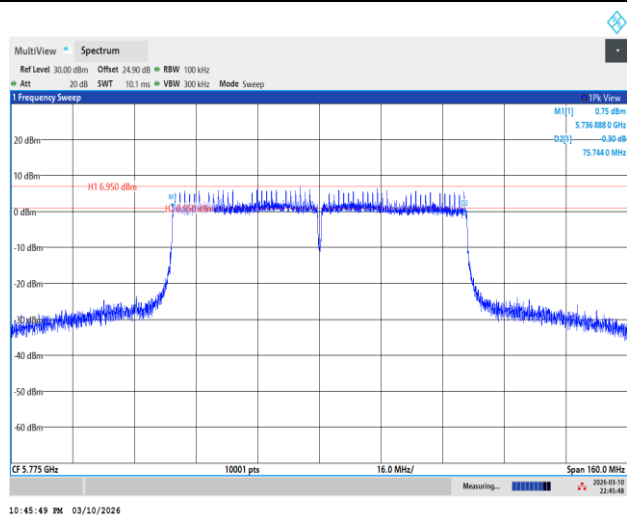


N/A

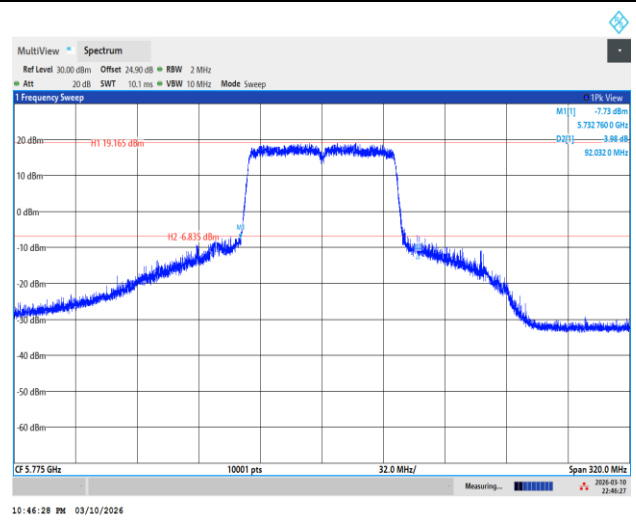


<802.11ac VHT80>

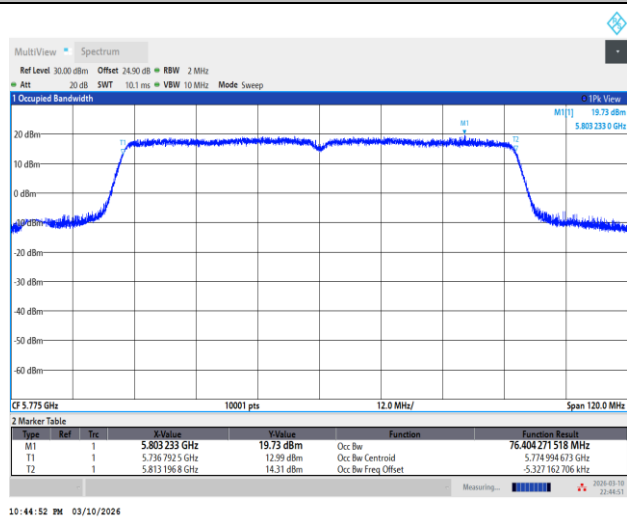
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth

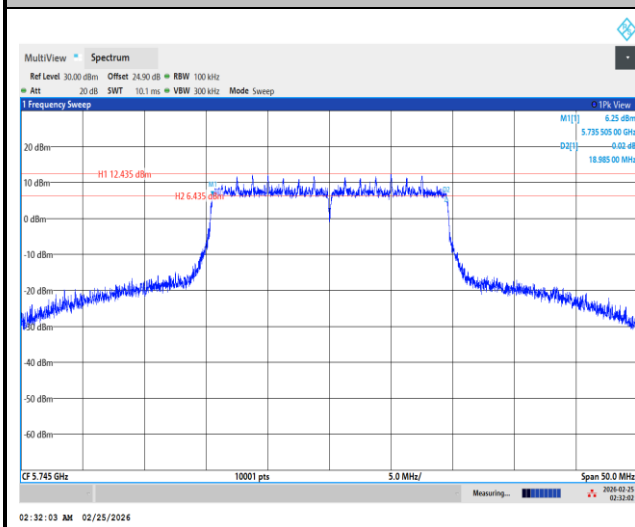


N/A

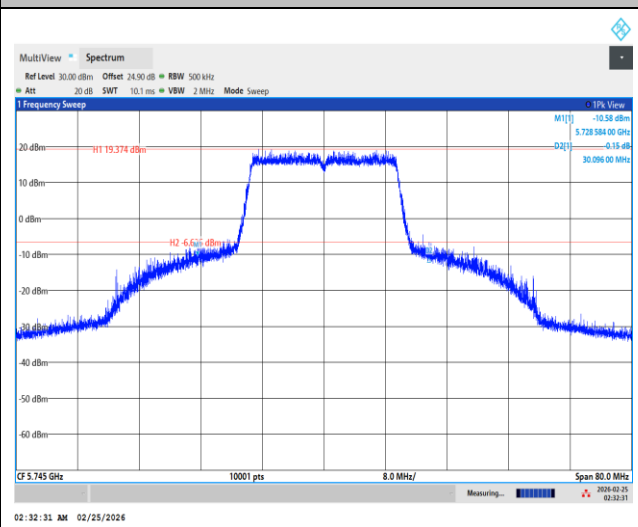


<802.11be EHT20>

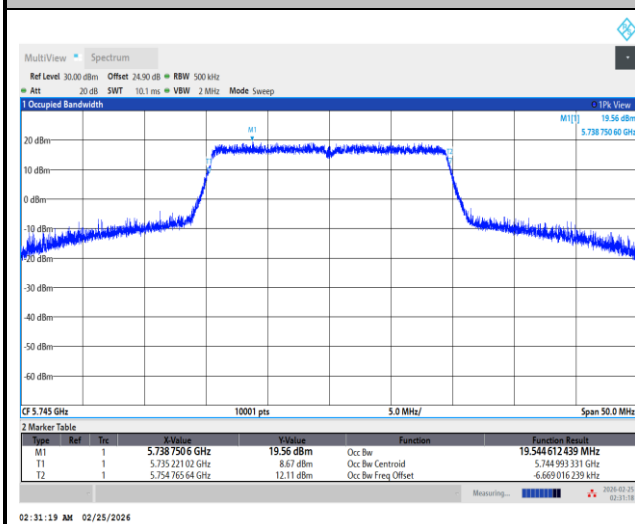
6dB Bandwidth



26dB Bandwidth

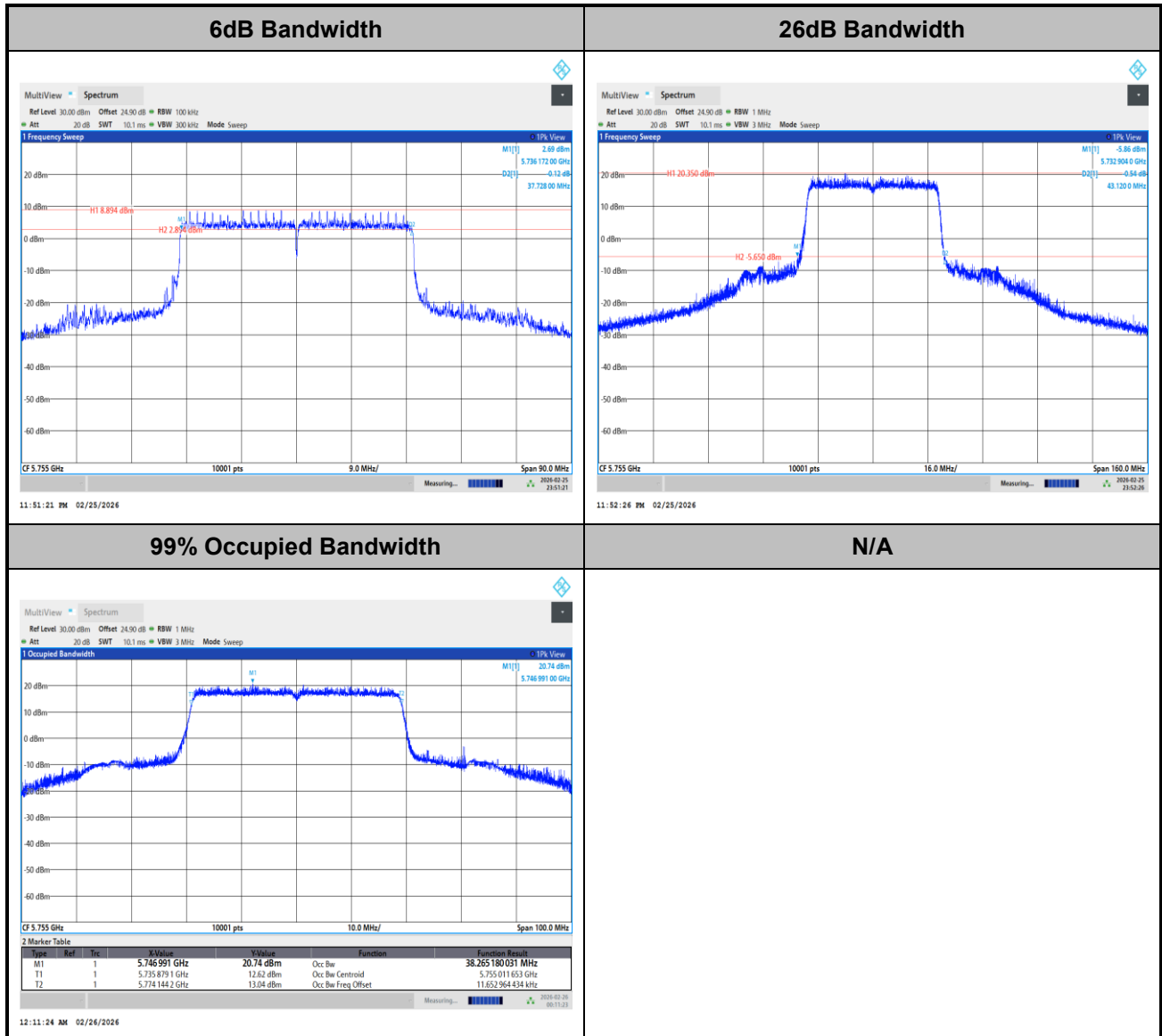


99% Occupied Bandwidth



N/A

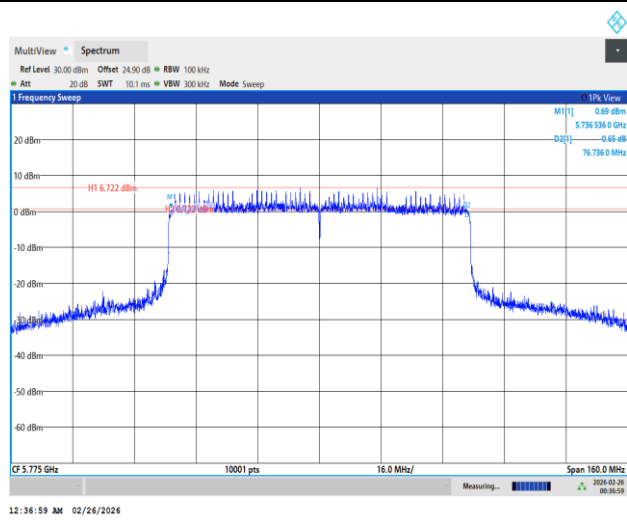
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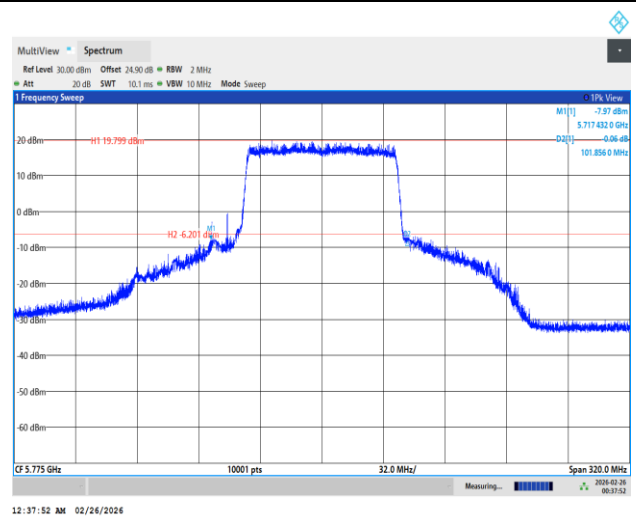


<802.11be EHT80>

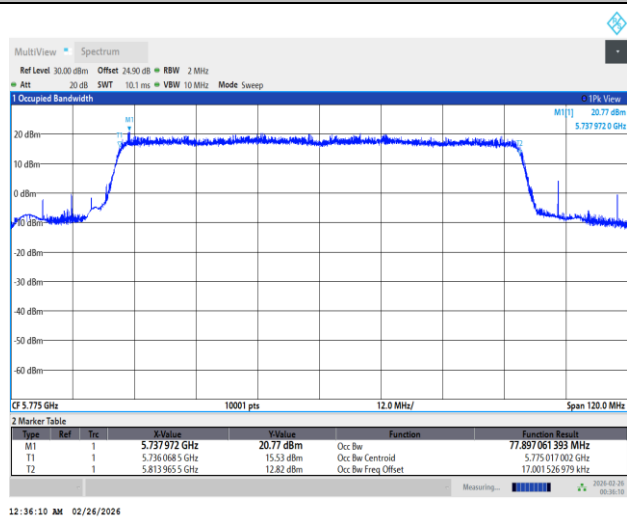
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth



N/A

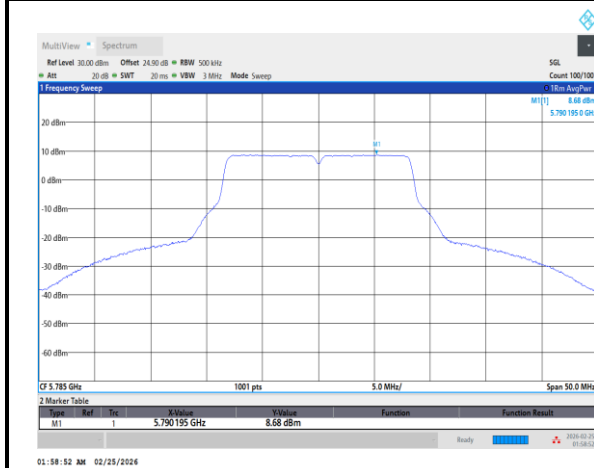


Test Result of Power Spectral Density

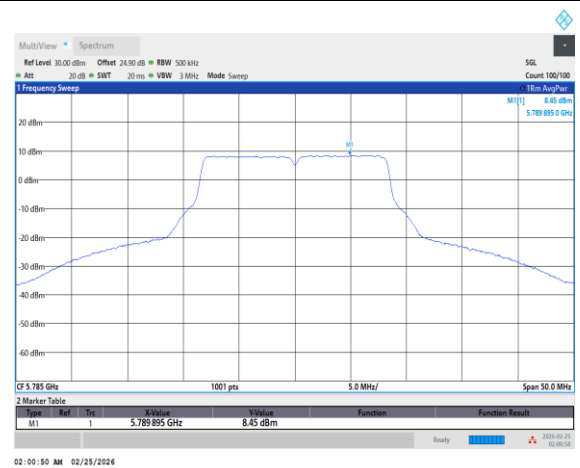
<802.11a>

Maximum Power Density Plot (dBm/500kHz)

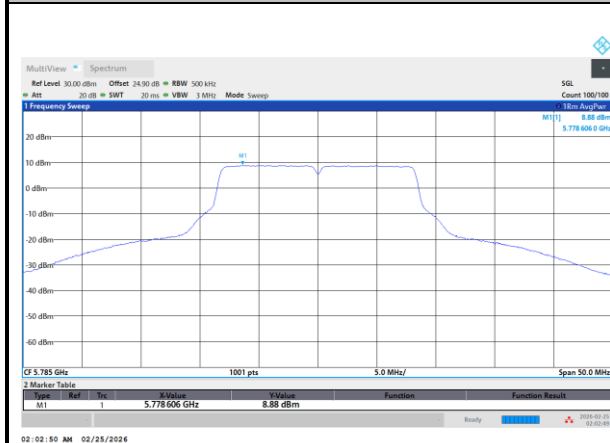
Ant. 1



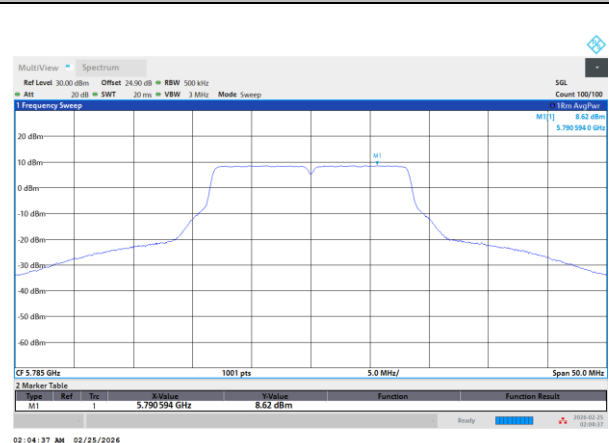
Ant. 2



Ant. 3



Ant. 4

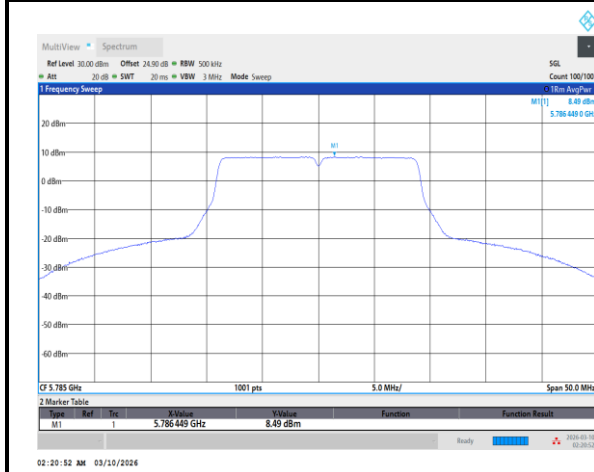




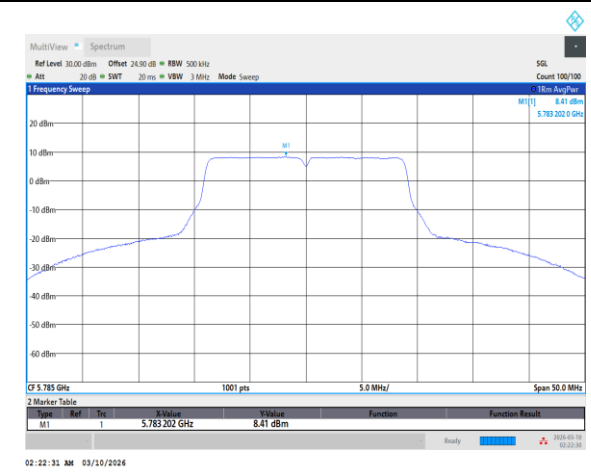
<802.11ac VHT20>

Maximum Power Density Plot (dBm/500kHz)

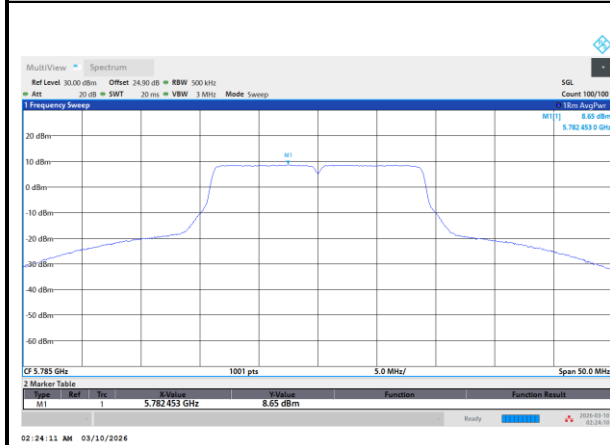
Ant. 1



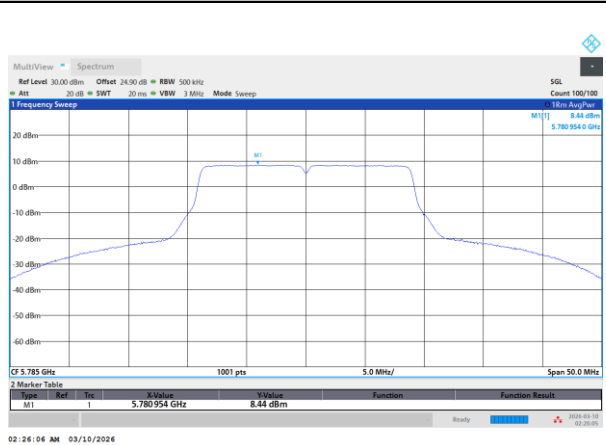
Ant. 2



Ant. 3



Ant. 4

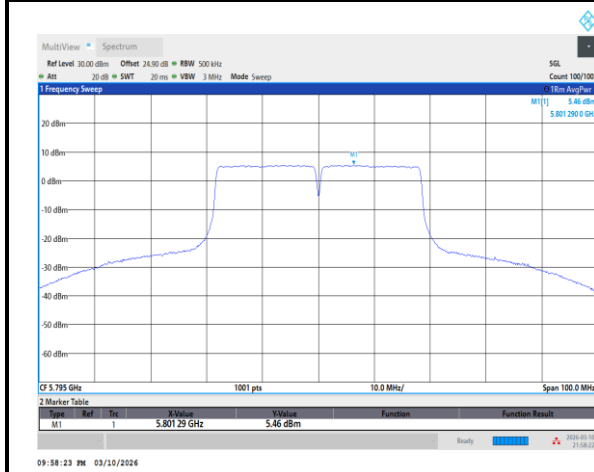




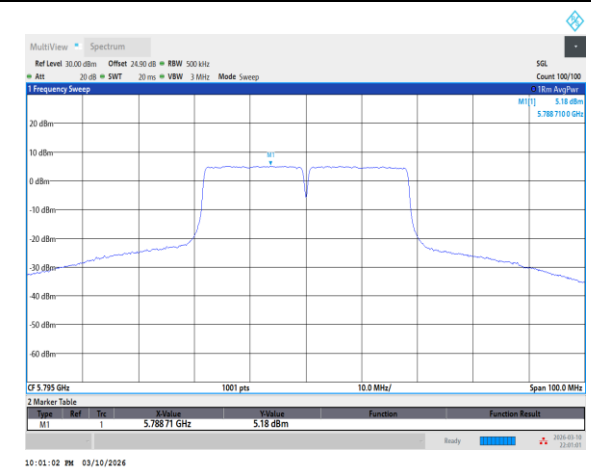
<802.11ac VHT40>

Maximum Power Density Plot (dBm/500kHz)

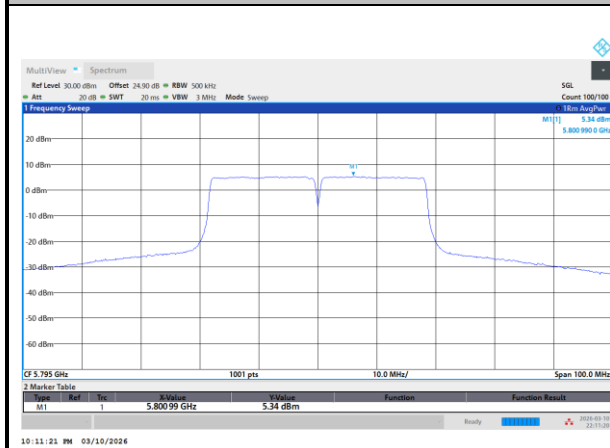
Ant. 1



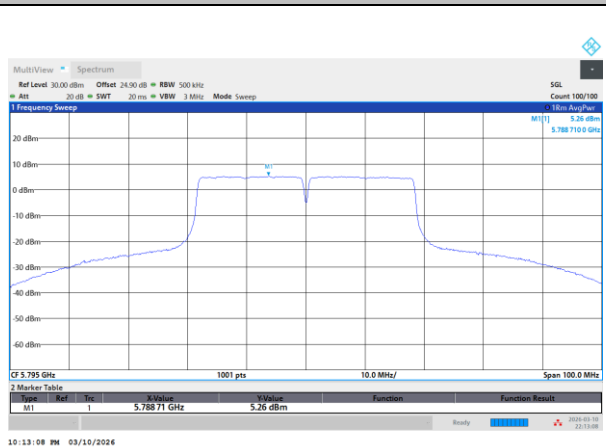
Ant. 2



Ant. 3



Ant. 4

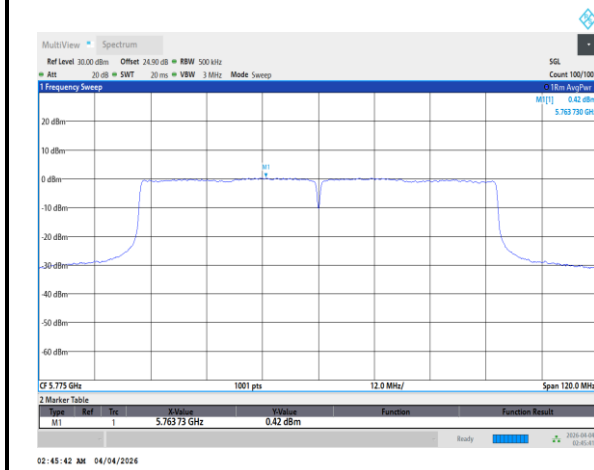




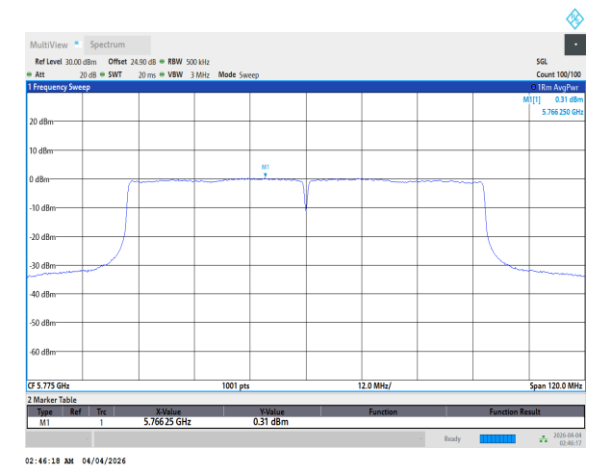
<802.11ac VHT80>

Maximum Power Density Plot (dBm/500kHz)

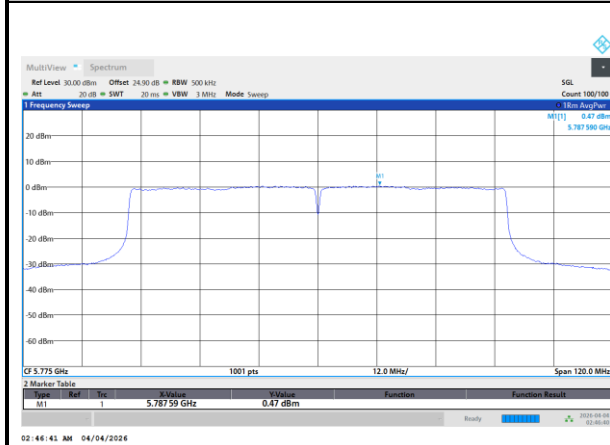
Ant. 1



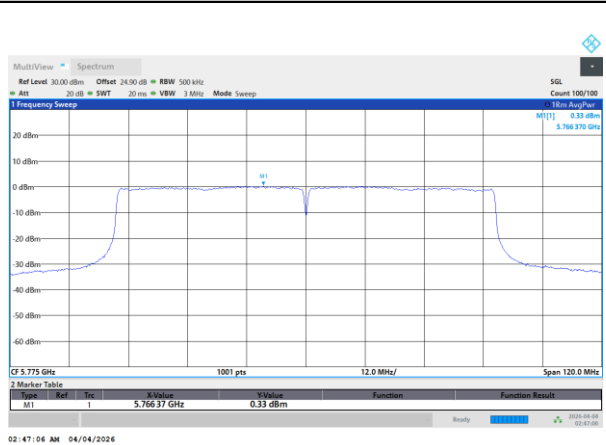
Ant. 2



Ant. 3



Ant. 4

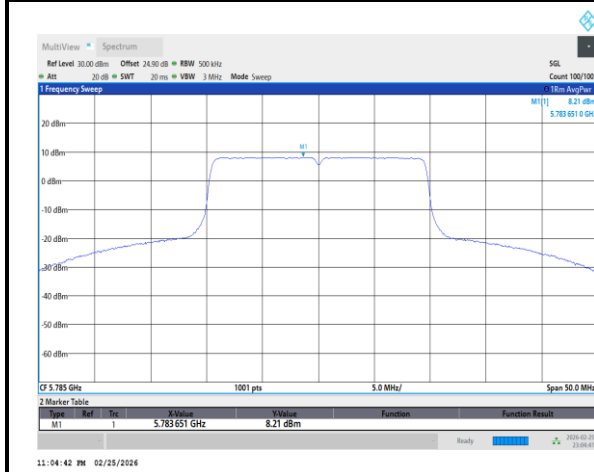




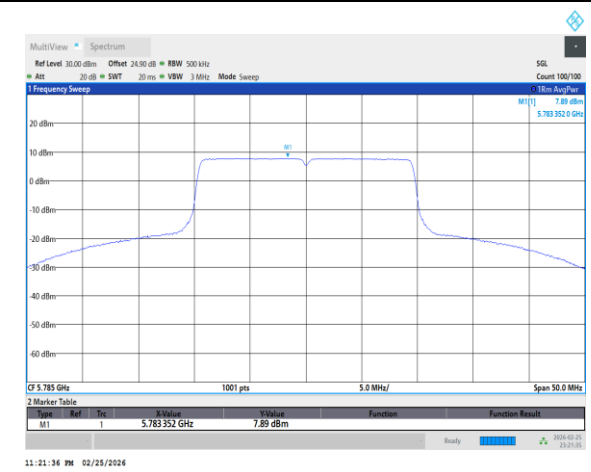
<802.11be EHT20>

Maximum Power Density Plot (dBm/500kHz)

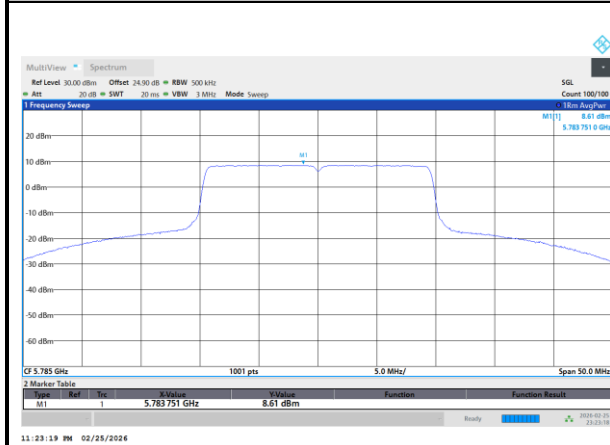
Ant. 1



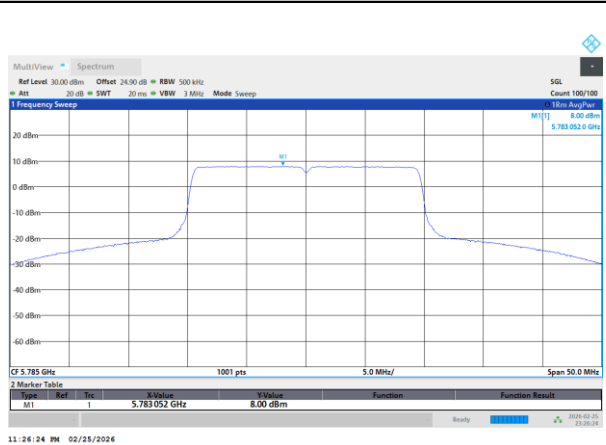
Ant. 2



Ant. 3



Ant. 4

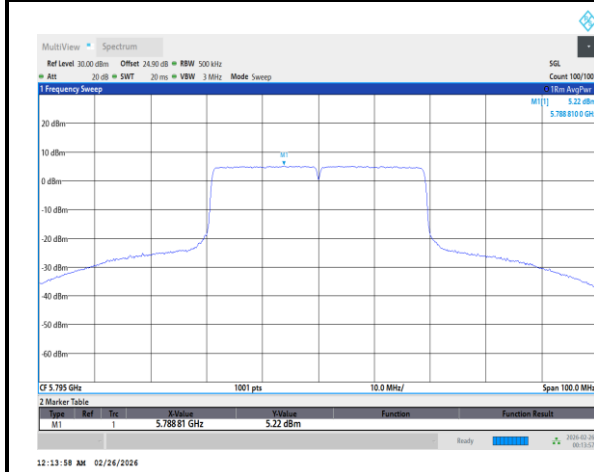




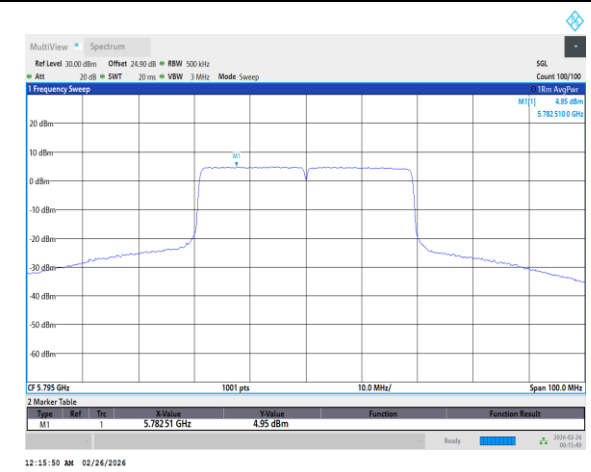
<802.11be EHT40>

Maximum Power Density Plot (dBm/500kHz)

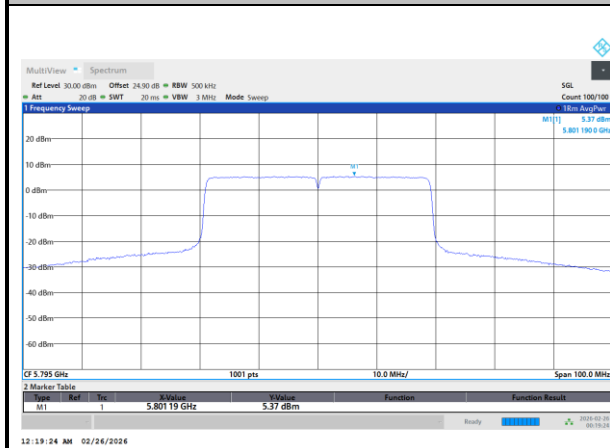
Ant. 1



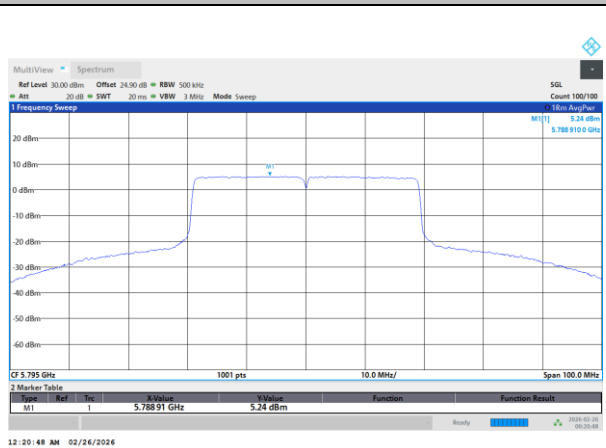
Ant. 2



Ant. 3



Ant. 4

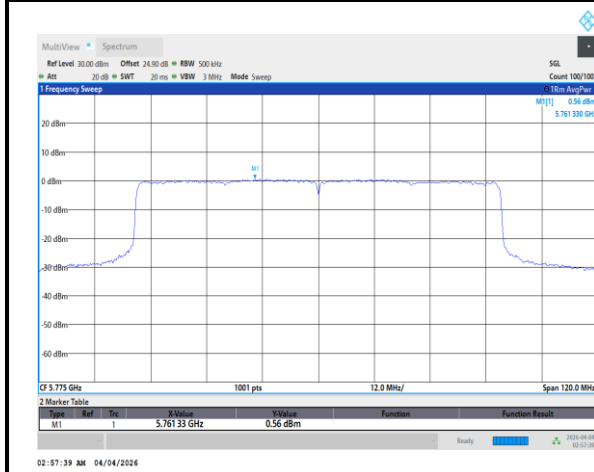




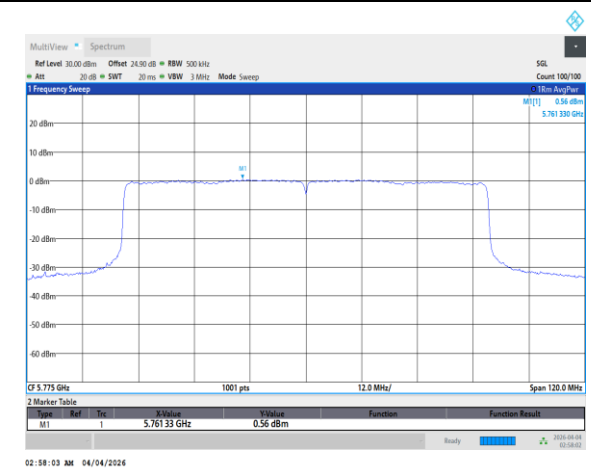
<802.11be EHT80>

Maximum Power Density Plot (dBm/500kHz)

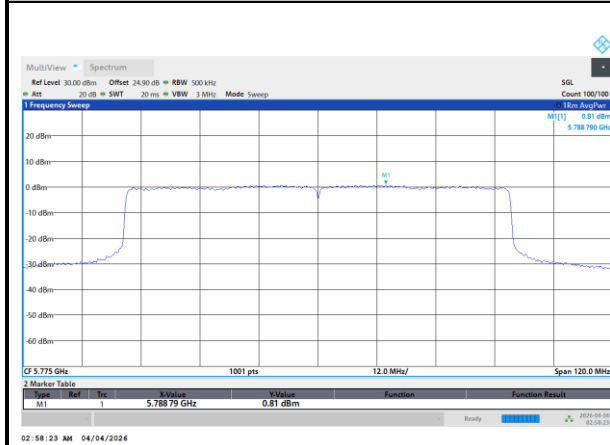
Ant. 1



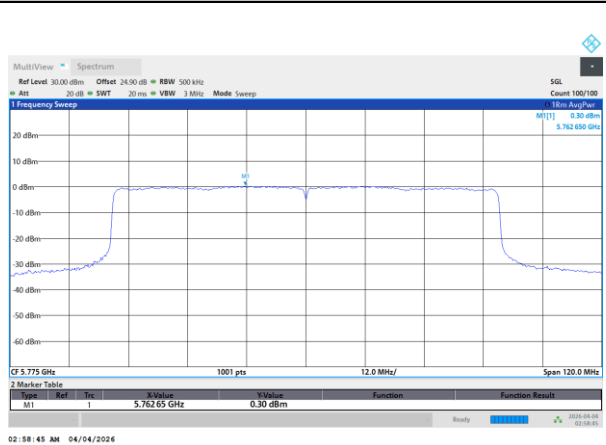
Ant. 2



Ant. 3



Ant. 4





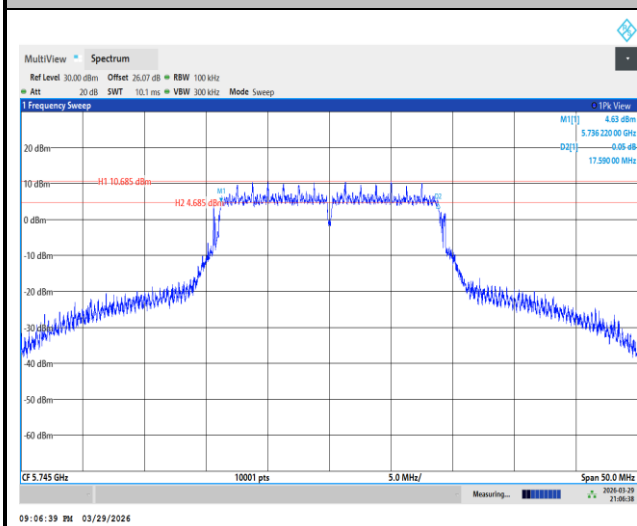
<TXBF Mode>

Test Result of 6dB and 26dB and 99% Occupied Bandwidth

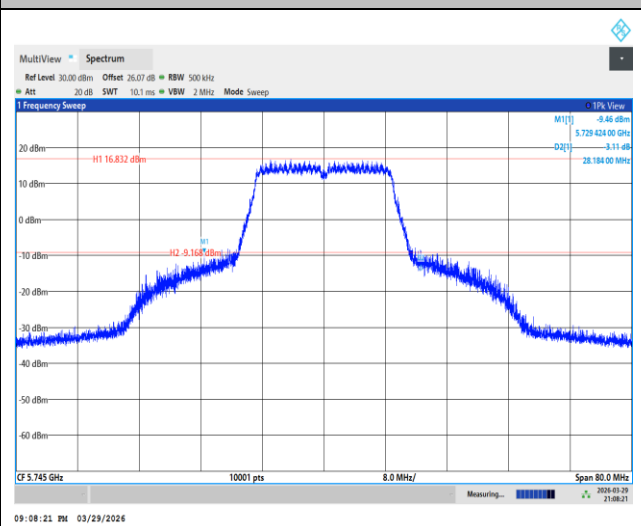
MIMO <Ant. 1+2+3+4>

<802.11ac VHT20>

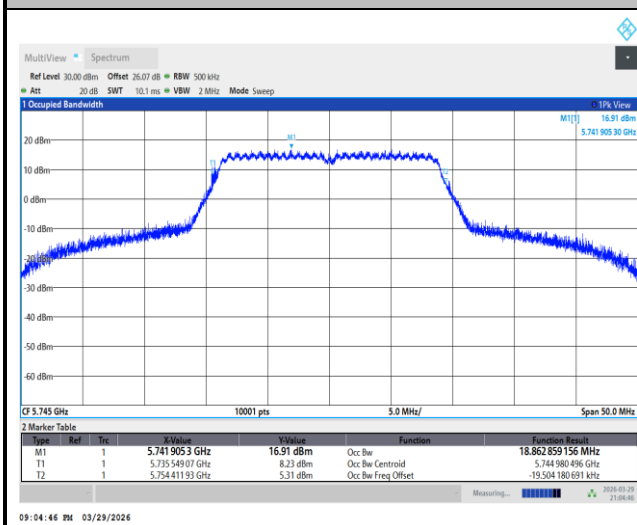
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth

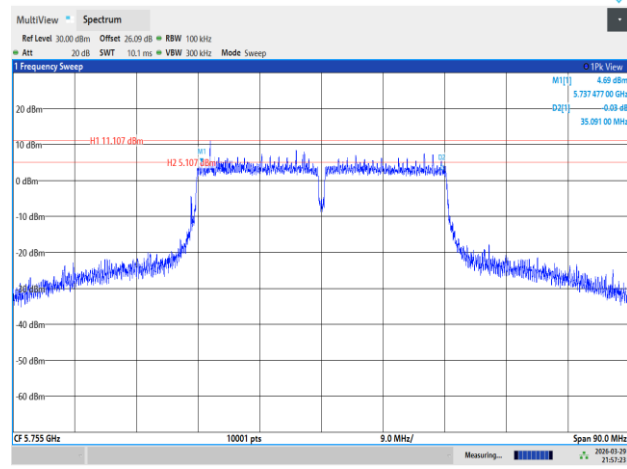


N/A



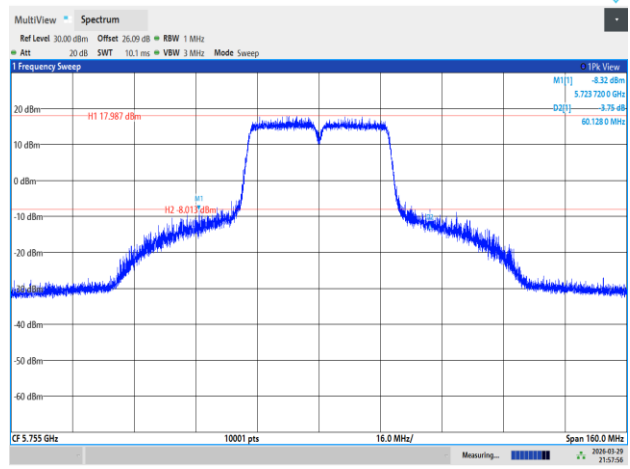
<802.11ac VHT40>

6dB Bandwidth



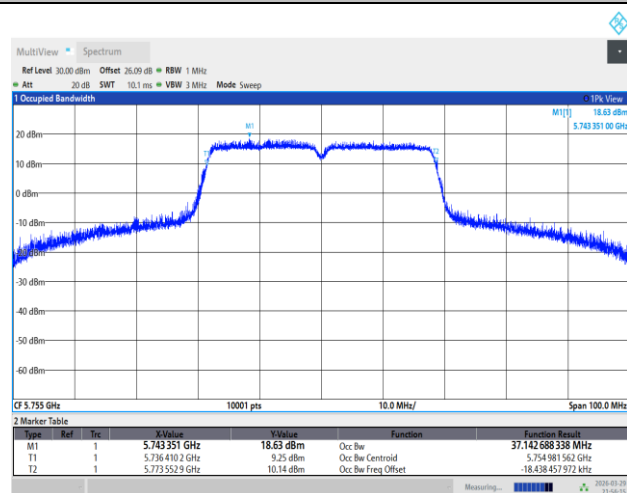
09:57:23 PM 03/29/2024

26dB Bandwidth



09:57:56 PM 03/29/2024

99% Occupied Bandwidth



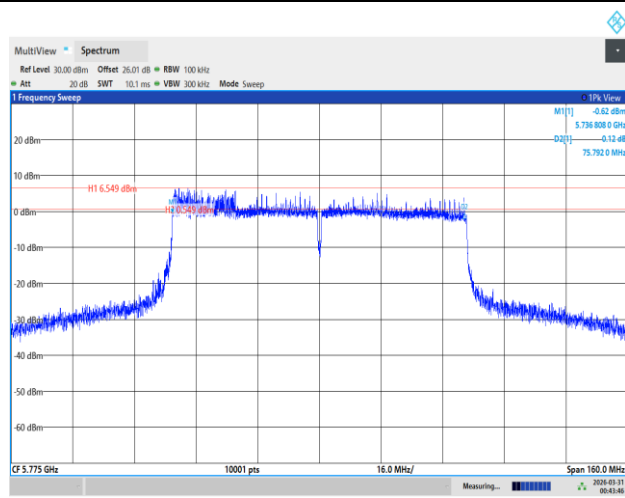
09:56:15 PM 03/29/2024

N/A

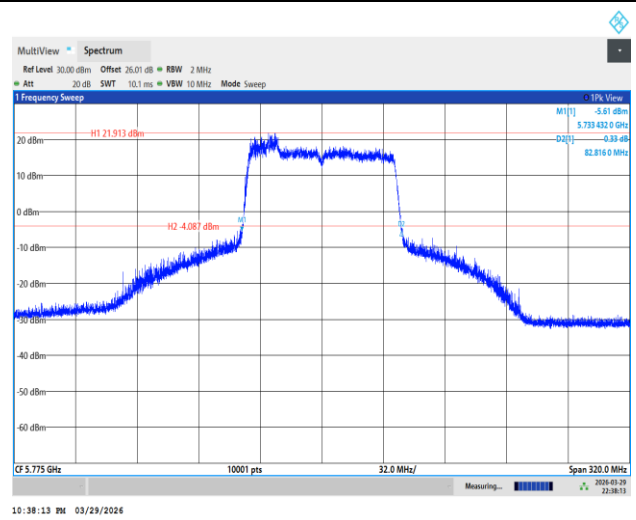


<802.11ac VHT80>

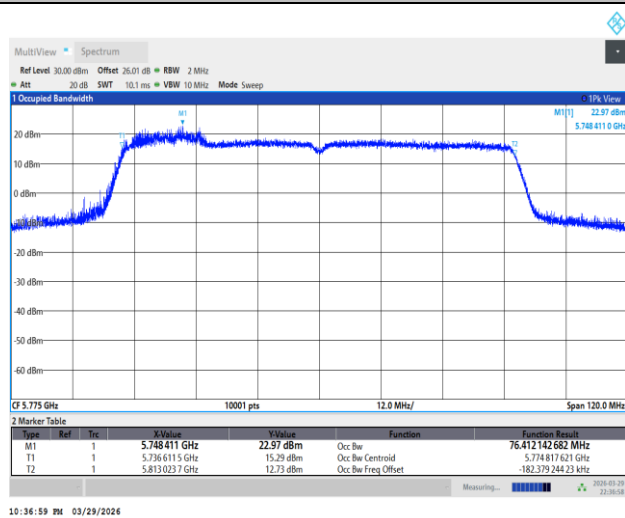
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth

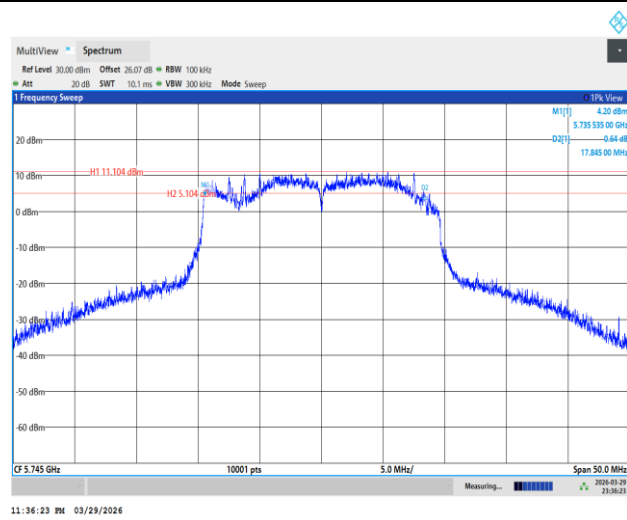


N/A

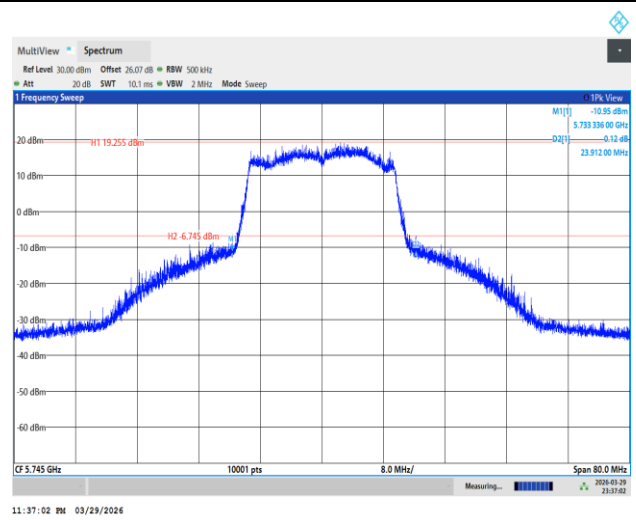


<802.11be EHT20>

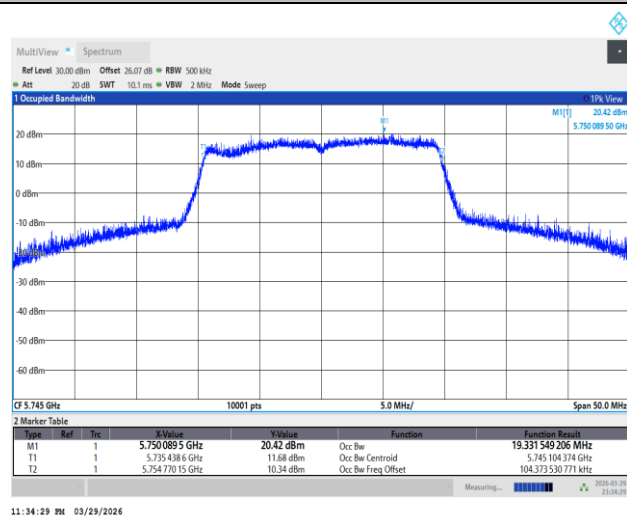
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth

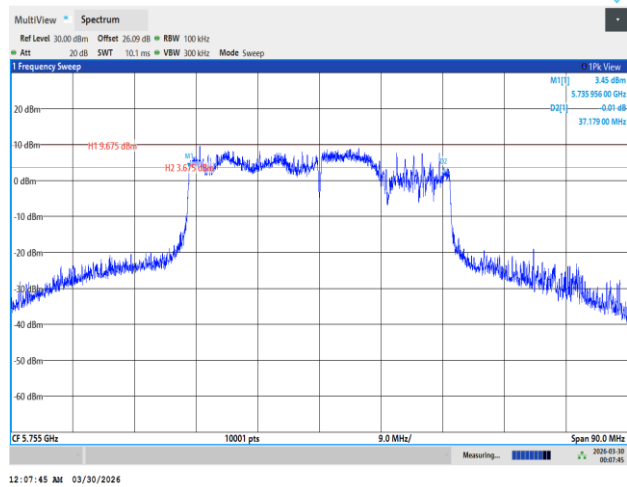


N/A

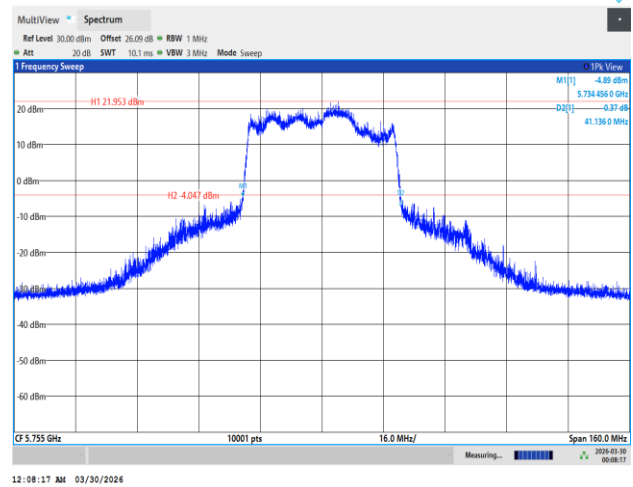


<802.11be EHT40>

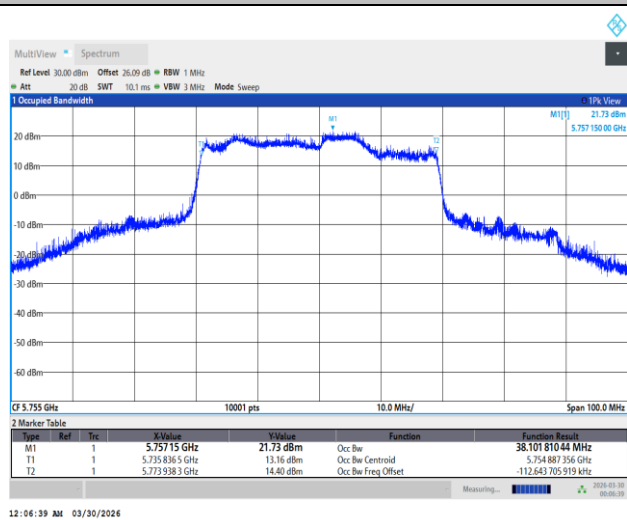
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth



N/A



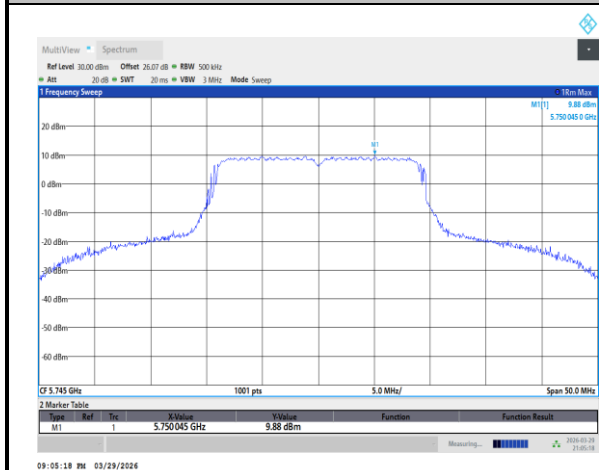


Test Result of Power Spectral Density

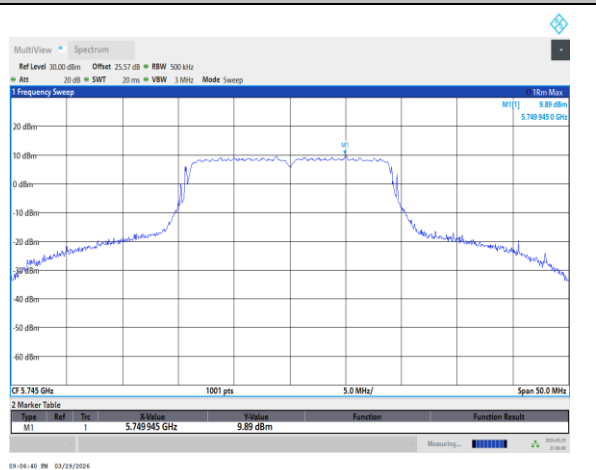
<802.11ac VHT20>

Maximum Power Density Plot (dBm/500kHz)

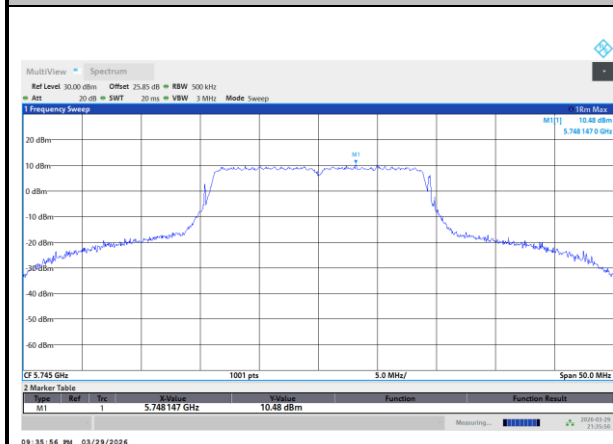
Ant. 1



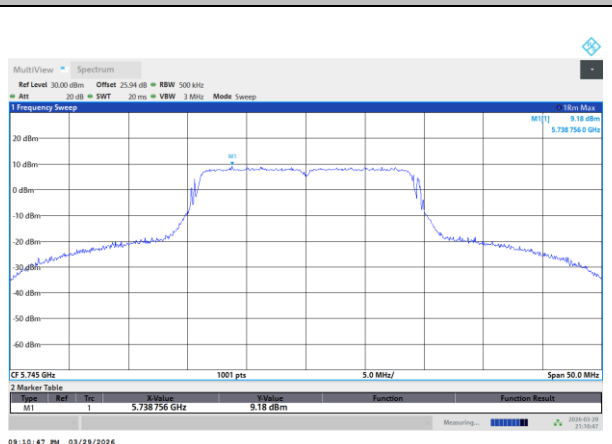
Ant. 2



Ant. 3



Ant. 4

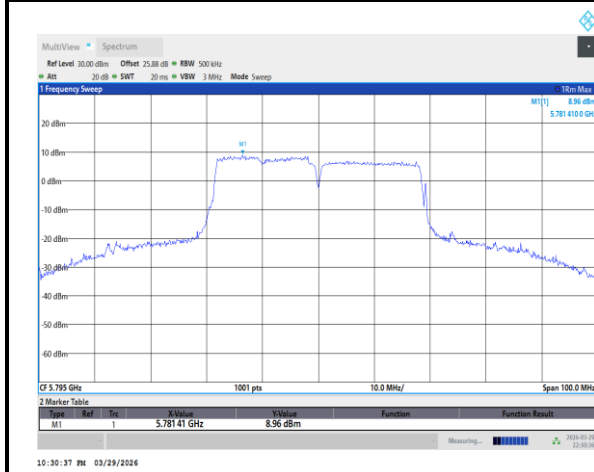




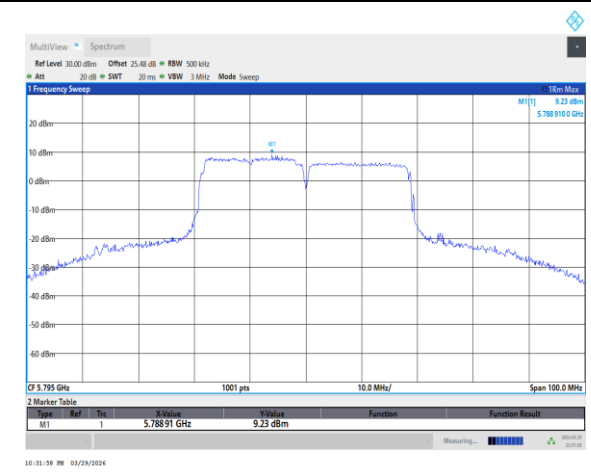
<802.11ac VHT40>

Maximum Power Density Plot (dBm/500kHz)

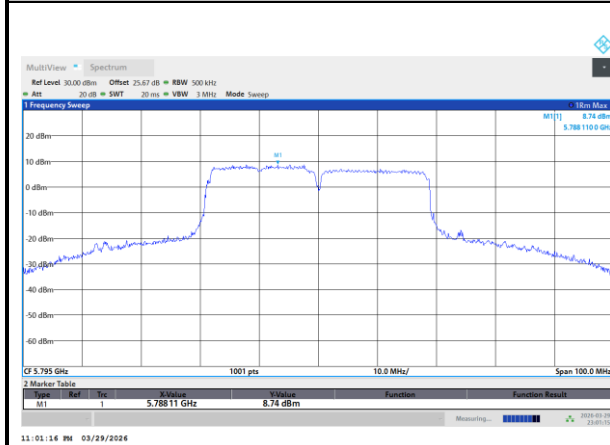
Ant. 1



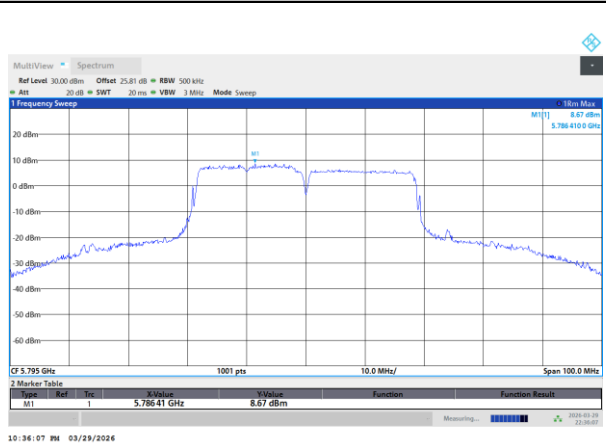
Ant. 2



Ant. 3



Ant. 4

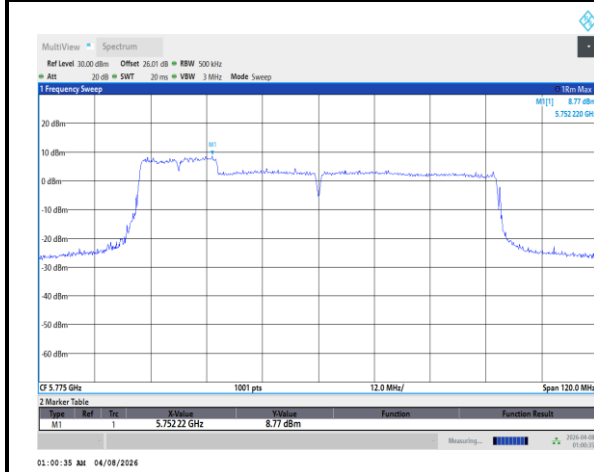




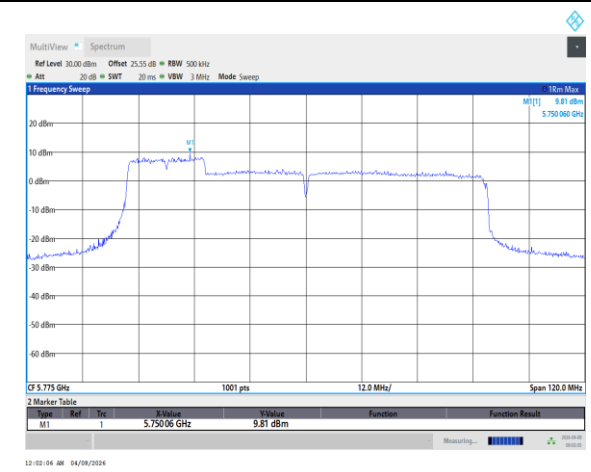
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Maximum Power Density Plot (dBm/500kHz)

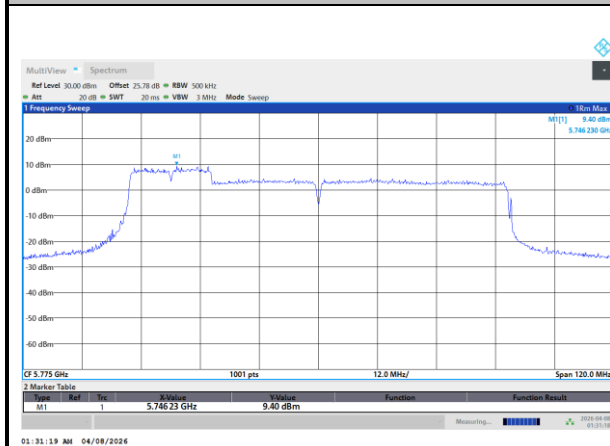
Ant. 1



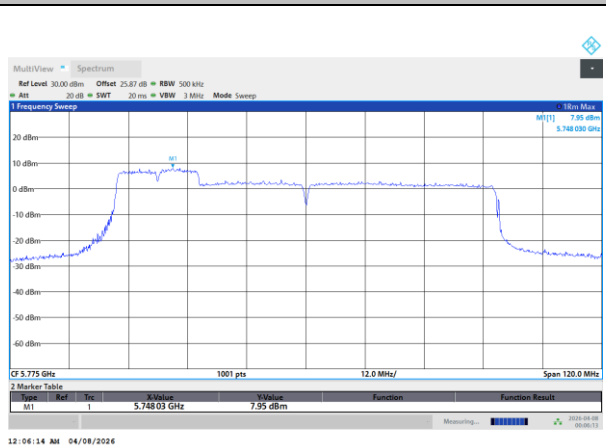
Ant. 2



Ant. 3



Ant. 4

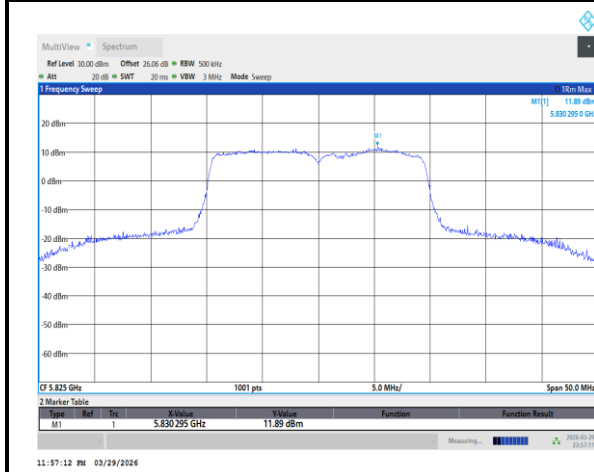




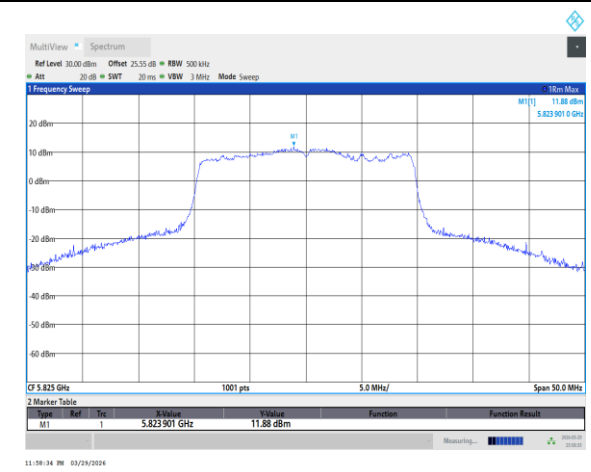
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Maximum Power Density Plot (dBm/500kHz)

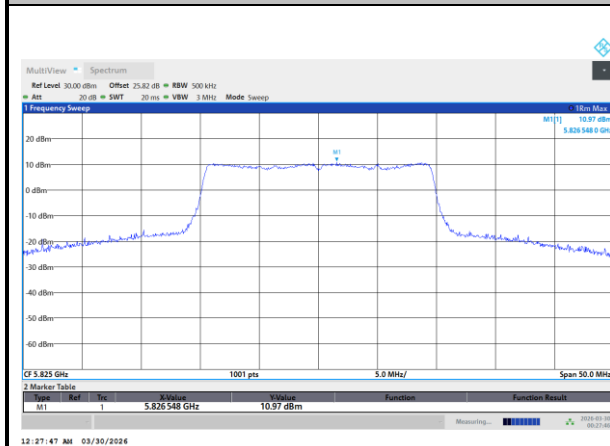
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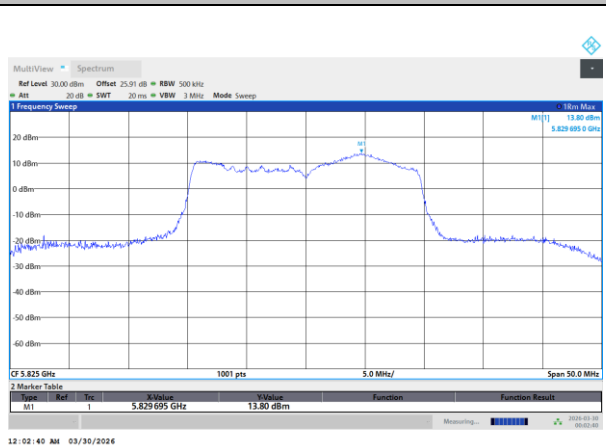
Ant. 2



Ant. 3



Ant. 4

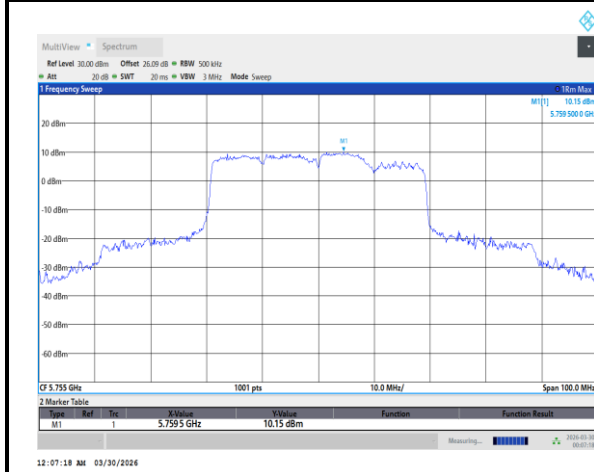




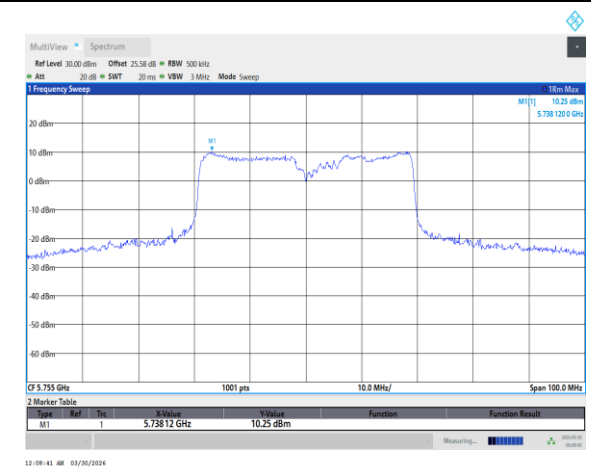
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Maximum Power Density Plot (dBm/500kHz)

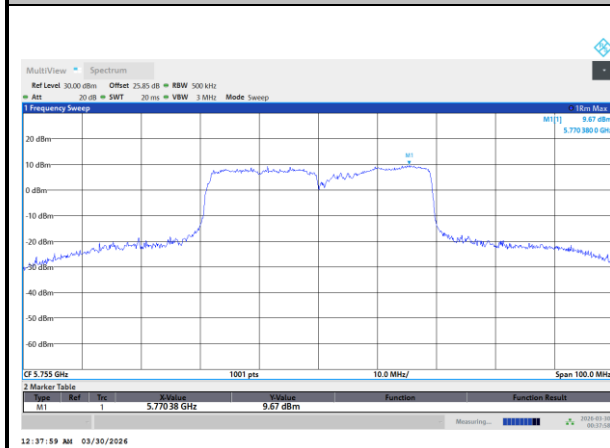
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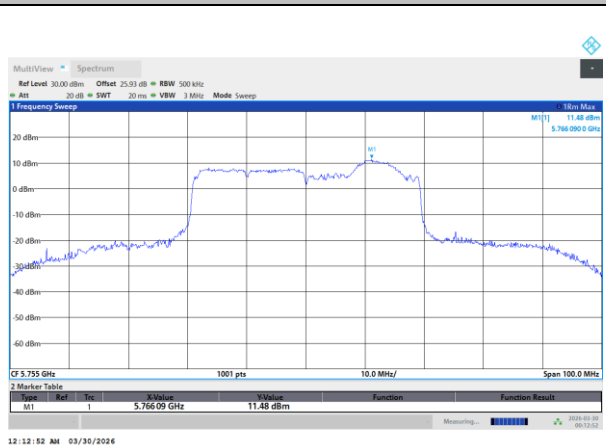
Ant. 2



Ant. 3



Ant. 4

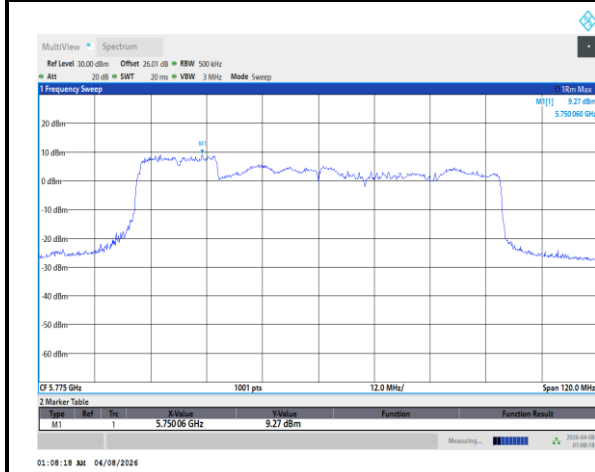




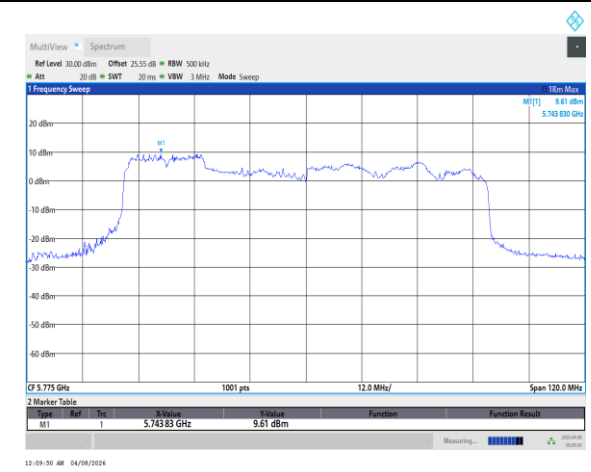
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Maximum Power Density Plot (dBm/500kHz)

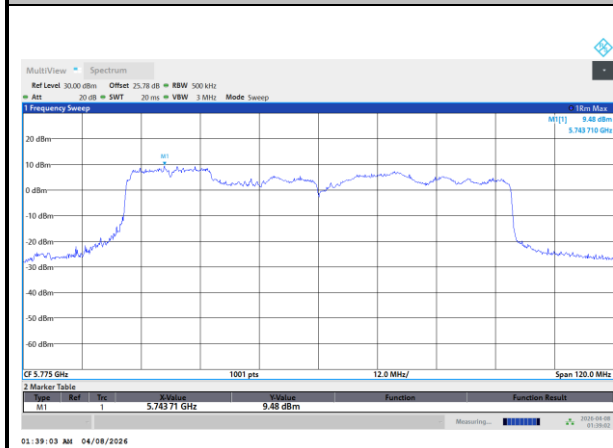
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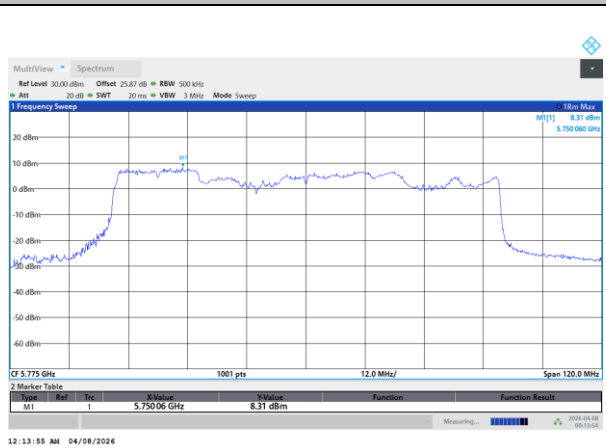
Ant. 2



Ant. 3



Ant. 4





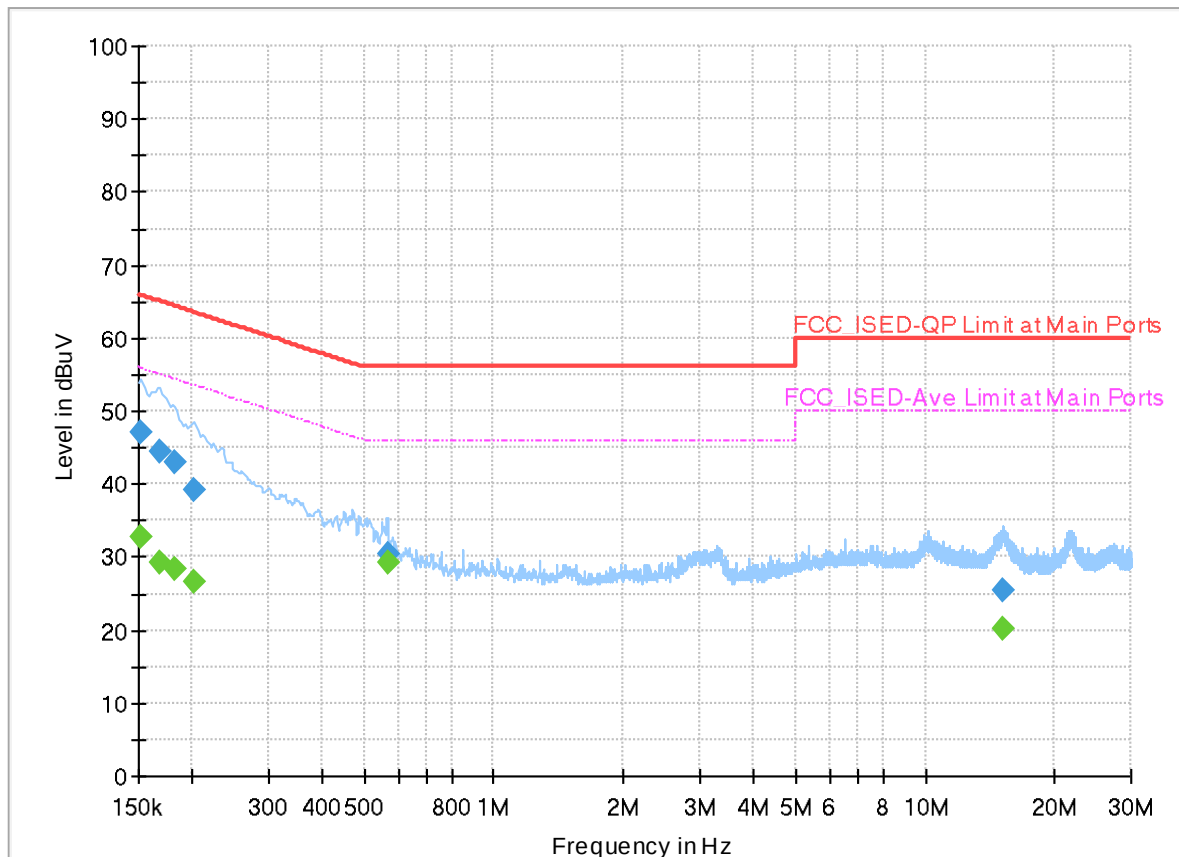
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Brian Chen	Temperature :	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO : 612627
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



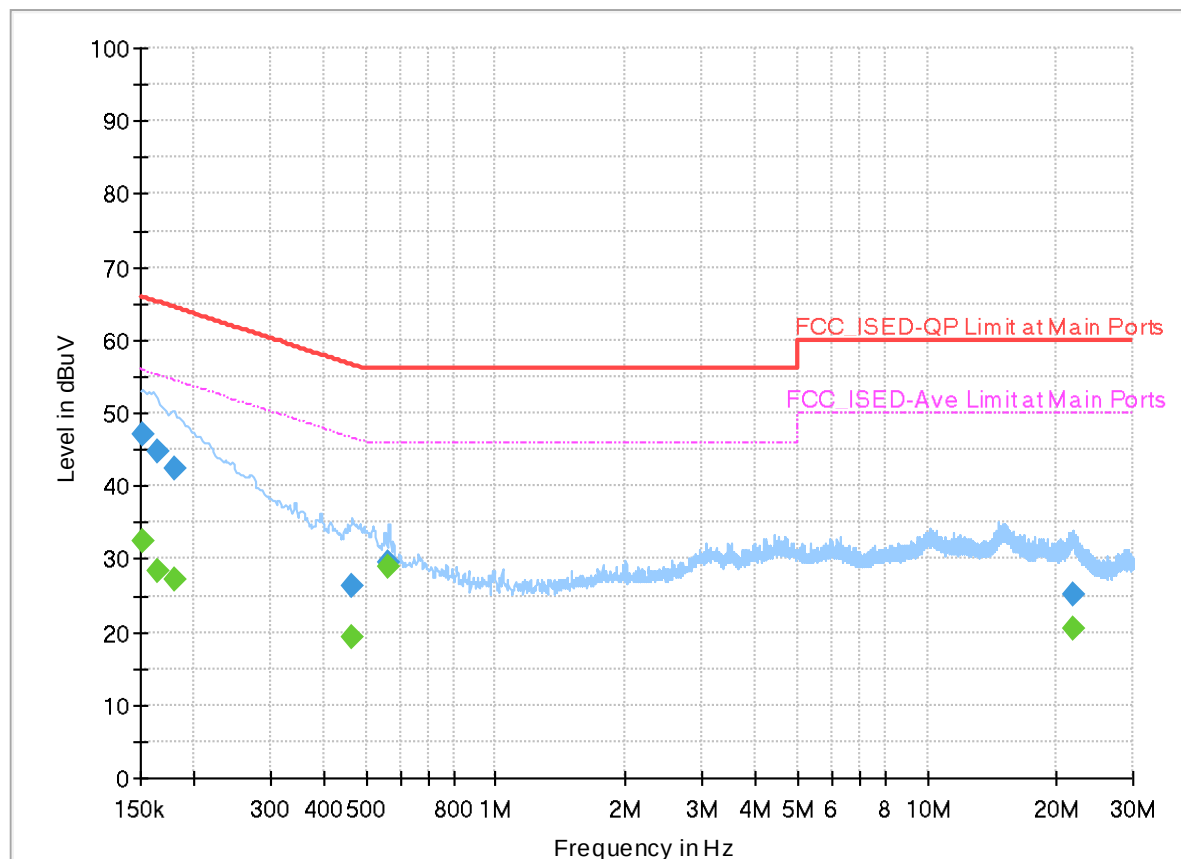
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	32.73	55.88	23.15	L1	ON	20.1
0.152250	47.12	---	65.88	18.76	L1	ON	20.1
0.168000	---	29.16	55.06	25.90	L1	ON	20.1
0.168000	44.49	---	65.06	20.57	L1	ON	20.1
0.181500	---	28.34	54.42	26.08	L1	ON	20.1
0.181500	43.04	---	64.42	21.38	L1	ON	20.1
0.201750	---	26.61	53.54	26.93	L1	ON	20.1
0.201750	39.17	---	63.54	24.37	L1	ON	20.1
0.566250	---	29.22	46.00	16.78	L1	ON	20.0
0.566250	30.29	---	56.00	25.71	L1	ON	20.0
15.137250	---	20.10	50.00	29.90	L1	ON	20.6
15.137250	25.46	---	60.00	34.54	L1	ON	20.6

EUT Information

Report NO : 612627
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	32.57	55.88	23.31	N	ON	20.1
0.152250	47.03	---	65.88	18.85	N	ON	20.1
0.163500	---	28.41	55.28	26.87	N	ON	20.1
0.163500	44.63	---	65.28	20.65	N	ON	20.1
0.179250	---	27.25	54.52	27.27	N	ON	20.1
0.179250	42.34	---	64.52	22.18	N	ON	20.1
0.465000	---	19.26	46.60	27.34	N	ON	20.0
0.465000	26.46	---	56.60	30.14	N	ON	20.0
0.564000	---	29.02	46.00	16.98	N	ON	20.0
0.564000	29.49	---	56.00	26.51	N	ON	20.0
21.844500	---	20.41	50.00	29.59	N	ON	20.9
21.844500	25.04	---	60.00	34.96	N	ON	20.9



Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Sam Pan, Quentin Liu, Bigshow Wang	Temperature :	19~23°C
		Relative Humidity :	60~64.5%

Note symbol

-L	Low channel location
-R	High channel location

**<CDD Mode>****C1.1. Radiated Spurious Emission Test Modes**

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-3	5.725-5.85	DB 1+2+3+4(CDD)	802.11a	149	5745	6Mbps	-	-
Mode 2	U-NII-3	5.725-5.85	DB 1+2+3+4(CDD)	802.11a	157	5785	6Mbps	-	-
Mode 3	U-NII-3	5.725-5.85	DB 1+2+3+4(CDD)	802.11a	165	5825	6Mbps	-	-
Mode 4	U-NII-3	5.725-5.85	DB 1+2+3+4(CDD)	802.11be EHT20	149	5745	MCS0	Full RU	-
Mode 5	U-NII-3	5.725-5.85	DB 1+2+3+4(CDD)	802.11be EHT20	157	5785	MCS0	Full RU	-
Mode 6	U-NII-3	5.725-5.85	DB 1+2+3+4(CDD)	802.11be EHT20	165	5825	MCS0	Full RU	-
Mode 7	U-NII-3	5.725-5.85	DB 1+2+3+4(CDD)	802.11be EHT40	151	5755	MCS0	Full RU	-
Mode 8	U-NII-3	5.725-5.85	DB 1+2+3+4(CDD)	802.11be EHT40	159	5795	MCS0	Full RU	-
Mode 9	U-NII-3	5.725-5.85	DB 1+2+3+4(CDD)	802.11be EHT80	155	5775	MCS0	Full RU	-



C1.2. Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	802.11a	149	5648.67	67.34	68.20	-0.86	V	Peak	Pass	-	Band Edge
	802.11a	149	11490.00	53.15	54.00	-0.85	V	Avg.	Pass	-	Harmonic
2	802.11a	157	5631.20	60.36	68.20	-7.84	V	Peak	Pass	-	Band Edge
	802.11a	157	11570.00	51.69	54.00	-2.31	V	Avg.	Pass	-	Harmonic
3	802.11a	165	5945.82	53.11	68.20	-15.09	H	Peak	Pass	-	Band Edge
	802.11a	165	11650.00	52.92	54.00	-1.08	V	Avg.	Pass	-	Harmonic
4	802.11be EHT20	149	5651.46	67.06	69.29	-2.23	V	Peak	Pass	Full RU	Band Edge
	802.11be EHT20	149	11490.00	52.68	54.00	-1.32	V	Avg.	Pass	Full RU	Harmonic
5	802.11be EHT20	157	5646.22	60.24	68.20	-7.96	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT20	157	11570.00	50.32	54.00	-3.68	V	Avg.	Pass	Full RU	Harmonic
6	802.11be EHT20	165	5931.37	52.99	68.20	-15.21	V	Peak	Pass	Full RU	Band Edge
	802.11be EHT20	165	11650.00	50.57	54.00	-3.43	V	Avg.	Pass	Full RU	Harmonic
7	802.11be EHT40	151	5647.25	66.33	68.20	-1.87	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT40	151	11510.00	49.67	54.00	-4.33	V	Avg.	Pass	Full RU	Harmonic
8	802.11be EHT40	159	5650.96	68.05	68.91	-0.86	V	Peak	Pass	Full RU	Band Edge
	802.11be EHT40	159	11590.00	49.30	54.00	-4.70	V	Avg.	Pass	Full RU	Harmonic
9	802.11be EHT80	155	5628.81	67.67	68.20	-0.53	V	Peak	Pass	Full RU	Band Edge
	802.11be EHT80	155	11550.00	46.84	54.00	-7.16	V	Avg.	Pass	Full RU	Harmonic



	1																																																																																																															
Mode	Band Edge																																																																																																															
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz																																																																																																															
ANT	DB 1+2+3+4(CDD)																																																																																																															
Pol.	Horizontal	Fundamental																																																																																																														
Peak	Level (dBuV/m) Date: 2026-03-10 Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_250606 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 5649.00</td><td>62.78</td><td>68.20</td><td>-5.42</td><td>53.20</td><td>33.20</td><td>13.25</td><td>36.87</td><td>0.00</td><td>300 290 Peak</td></tr><tr><td>2 5650.69</td><td>64.64</td><td>68.71</td><td>-4.07</td><td>55.05</td><td>33.21</td><td>13.25</td><td>36.87</td><td>0.00</td><td>300 290 Peak</td></tr><tr><td>3 5714.86</td><td>86.95</td><td>109.36</td><td>-22.41</td><td>76.70</td><td>33.76</td><td>13.35</td><td>36.86</td><td>0.00</td><td>300 290 Peak</td></tr><tr><td>4 5723.38</td><td>89.62</td><td>118.51</td><td>-28.89</td><td>79.33</td><td>33.79</td><td>13.36</td><td>36.86</td><td>0.00</td><td>300 290 Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1 5649.00	62.78	68.20	-5.42	53.20	33.20	13.25	36.87	0.00	300 290 Peak	2 5650.69	64.64	68.71	-4.07	55.05	33.21	13.25	36.87	0.00	300 290 Peak	3 5714.86	86.95	109.36	-22.41	76.70	33.76	13.35	36.86	0.00	300 290 Peak	4 5723.38	89.62	118.51	-28.89	79.33	33.79	13.36	36.86	0.00	300 290 Peak	Level (dBuV/m) Date: 2026-03-10 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_250606 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 5745.00</td><td>121.98</td><td>-----</td><td>-----</td><td>111.57</td><td>33.88</td><td>13.39</td><td>36.86</td><td>0.00</td><td>300 290 Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1 5745.00	121.98	-----	-----	111.57	33.88	13.39	36.86	0.00	300 290 Peak
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Avg	Blank	Level (dBuV/m) Date: 2026-03-10 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_250606 HORIZONTAL : RBW:1000.000kHz VBW:0.510kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 5745.00</td><td>114.82</td><td>-----</td><td>-----</td><td>104.36</td><td>33.91</td><td>13.40</td><td>36.85</td><td>0.00</td><td>300 290 Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1 5745.00	114.82	-----	-----	104.36	33.91	13.40	36.85	0.00	300 290 Average																																																																						
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Peak	Level (dBuV/m) Date: 2026-03-10 PEAK_BE(B4)_16-24 Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_250606 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5640.67</td><td>67.34</td><td>68.20</td><td>-0.86</td><td>57.77</td><td>33.19</td><td>13.25</td><td>36.87</td><td>0.00</td><td>200</td><td>11 Peak</td></tr><tr><td>2</td><td>5650.84</td><td>62.31</td><td>68.82</td><td>-6.51</td><td>52.72</td><td>33.21</td><td>13.25</td><td>36.87</td><td>0.00</td><td>200</td><td>11 Peak</td></tr><tr><td>3</td><td>5718.27</td><td>88.21</td><td>110.31</td><td>-22.10</td><td>77.95</td><td>33.77</td><td>13.35</td><td>36.86</td><td>0.00</td><td>200</td><td>11 Peak</td></tr><tr><td>4</td><td>5721.52</td><td>85.05</td><td>114.27</td><td>-29.22</td><td>74.76</td><td>33.79</td><td>13.36</td><td>36.86</td><td>0.00</td><td>200</td><td>11 Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor					MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5640.67	67.34	68.20	-0.86	57.77	33.19	13.25	36.87	0.00	200	11 Peak	2	5650.84	62.31	68.82	-6.51	52.72	33.21	13.25	36.87	0.00	200	11 Peak	3	5718.27	88.21	110.31	-22.10	77.95	33.77	13.35	36.86	0.00	200	11 Peak	4	5721.52	85.05	114.27	-29.22	74.76	33.79	13.36	36.86	0.00	200	11 Peak	Level (dBuV/m) Date: 2026-03-10 PEAK(UNII) Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_250606 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5745.00</td><td>122.66</td><td>-----</td><td>-----</td><td>112.25</td><td>33.88</td><td>13.39</td><td>36.86</td><td>0.00</td><td>200</td><td>11 Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor					MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5745.00	122.66	-----	-----	112.25	33.88	13.39	36.86	0.00	200	11 Peak
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Avg	Blank	Level (dBuV/m) Date: 2026-03-10 AVG_54 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_250606 VERTICAL : RBW:1000.000kHz VBW:0.510kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5745.00</td><td>116.09</td><td>-----</td><td>-----</td><td>105.68</td><td>33.88</td><td>13.39</td><td>36.86</td><td>0.00</td><td>200</td><td>11 Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor					MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5745.00	116.09	-----	-----	105.68	33.88	13.39	36.86	0.00	200	11 Average																																																																															
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