TEST REPORT

FCC UNII ax Test for LGSWNAX61
Certification

APPLICANT
LG Electronics Inc.

REPORT NO.
HCT-RF-2509-FC007

DATE OF ISSUE
September 3, 2025

Tested by
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Accredited by KOLAS, Republic of KOREA

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REPORT NO.
HCT-RF-2509-FC007

DATE OF ISSUE
September 03, 2025

Applicant	LG Electronics Inc. 222, LG-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do 17709, Republic of Korea
Product Name Model Name	RF Module LGSWNAX61
FCC ID	2BO3LLGSWNAX61
Date of Test	July 21, 2025 ~ August 29, 2025
FCC Classification	Unlicensed National Information Infrastructure(NII)
Test Standard Used	FCC Rule Part(s): Part 15.407
Test Results	PASS
Location of Test	■ Permanent Testing Lab ☐ On Site Testing Lab (Address: 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, Republic of Korea)
Brand	LG

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REVISION HISTORY

The revision history for this test report is shown in table.

Revision No.	Date of Issue	Description
0	September 03, 2025	Initial Release

Notice

Content
Engineering Statement: The measurements shown in this report were made in accordance with the procedures indicated, and the emissions from this equipment were found to be within the limits applicable. I assume full responsibility for the accuracy and completeness of these measurements, and for the qualifications of all persons taking them. It is further stated that upon the basis of the measurements made, the equipment tested is capable of operation in accordance with the requirements of the FCC Rules under normal use and maintenance. The results shown in this test report only apply to the sample(s), as received, provided by the applicant, unless otherwise stated. The test results have only been applied with the test methods required by the standard(s). The laboratory is not accredited for the test results marked *. Information provided by the applicant is marked **. Test results provided by external providers are marked ***. When confirmation of authenticity of this test report is required, please contact www.hct.co.kr This test report provides test result(s) under the scope accredited by the Korea Laboratory Accreditation Scheme (KOLAS), which signed the ILAC-MRA. (KOLAS (KS Q ISO/IEC 17025) Accreditation No. KT197)

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CONTENTS

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1. GENERAL INFORMATION

EUT DESCRIPTION

Model	LGSWNAX61	
Additional Model	-	
EUT Type	RF Module	
Power Supply	DC 3.30 V	
Modulation Type	OFDMA,OFDM	
Frequency Range (MHz)	U-NII-1	20 MHz BW : 5180 - 5240 40 MHz BW : 5190 - 5230 80 MHz BW : 5210
	U-NII-2A	20 MHz BW : 5260 - 5320 40 MHz BW : 5270 - 5310 80 MHz BW : 5290
	U-NII-2C	20 MHz BW : 5500 - 5720 40 MHz BW : 5510 - 5710 80 MHz BW : 5530 – 5690
	U-NII-3	20 MHz BW : 5745 - 5825 40 MHz BW : 5755 - 5795 80 MHz BW : 5775
Straddle channel	Supported	
TDWR Band	Supported	
Dynamic Frequency Selection	Slave without radar detection	
Antenna Specification	Type: Metal Press	
Serial number	Conducted : 6C15DB172700 Radiated : 0827A8A35FF0	

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ANTENNA CONFIGURATIONS

1. Antenna configuration

Configurations	SISO		MIMO	
	Ant.1	Ant.2	CDD	SDM
802.11ax (HE20/40/80)	O	O	O	O

Note:

(1) O = Support, X = Not Support

(2) SISO = Single Input Single Output

(3) SDM = Spatial Diversity Multiplexing

(4) CDD = Cyclic Delay Diversity

2.This device supports simultaneous transmission operation, which allows for two channels to operate independent of one another in the 2.4 GHz and 5 GHz or 6GHz Bands simultaneously on each antenna.

Simultaneous transmission Scenario	2.4 GHz WiFi Ant.1	2.4 GHz WiFi Ant.2	5 GHz WiFi Ant.1	5 GHz WiFi Ant.2	6 GHz WiFi Ant.1	6 GHz WiFi Ant.2	Bluetooth	Test Case
Bluetooth + 2.4 GHz WiFi MIMO	on	on	-	-	-	-	on	
Bluetooth + 5 GHz WiFi MIMO	-	-	on	on	-	-	on	Scenario 1
Bluetooth + 6 GHz WiFi MIMO	-	-			on	on	on	
2.4 GHz WiFi SISO + 5 GHz WiFi SISO	-	on	on	-	-	-	-	
2.4 GHz WiFi SISO + 6 GHz WiFi SISO	-	on	-	-	on	-	-	
Bluetooth + 2.4 GHz WiFi SISO + 6 GHz WiFi SISO	-	on	-	-	on	-	on	
Bluetooth + 2.4 GHz WiFi SISO + 5 GHz WiFi SISO	-	on	on	-	-	-	on	Scenario 2

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3. Directional Gain Calculation

According to KDB 662911 D01 Multiple Transmitter Output v02r01 F) 2) e) (iii), f) ii)

$$\text{Directional Gain(CDD)} = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\{\sum_{k=1}^{N_{ANT}} g_{j,k}\}^2}{N_{ANT}}\right]$$

Directional gain(SDM) = Gmax + 10·LOG(N_{ANT}/ N_{ss})

Band	Ant Gain (dBi)		N_{ANT}/ N_{ss}	Directional Gain (dBi)	
	ANT1	ANT2		CDD	SDM
UNII 1	0.34	2.93	2 / 2	4.74	2.93
UNII 2A	0.51	3.11		4.92	3.11
UNII 2C	0.68	2.99		4.92	2.99
UNII 3	2.25	3.10		5.70	3.10

Note

According to Ansi C63.10-2020 section 14.6.3, the directional gain is calculated using the formula, where GN is the gain of the nth antenna and NANT is the total number of antennas used.

Directional gain(CDD) = 10·log(((10$^{(ANT1\ Gain/20)}$+10$^{(ANT2\ Gain/20)}$)^2)/2) dBi

Directional gain(SDM) = Gmax + 10·LOG(N_{ANT}/ N_{ss})

Sample Calculation (Conducted Power, MIMO):

Ex) Ant 1 : 11.58 dBm Ant 2 : 12.08 dBm

Ant1 + Ant 2 = MIMO

(11.58 dBm + 12.08 dBm) = (14.387 mW + 16.143 mW) = 30.53 mW = 14.88 dBm

Sample Calculation (E.I.R.P & E.I.R.P Spectral Density, MIMO):

Ex) ANT1 : 15.35 dBm , ANT2 : 15.12 dBm, Directional Gain : 3 dBi

Conducted Power = (15.35 dBm + 15.12 dBm) = (34.276 mW + 32.508 mW) = 66.784 mW = 18.25 dBm

E.I.R.P = 18.25 dBm + 3 dBi = 21.25 dBm

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2. MAXIMUM OUTPUT POWER

The transmitter has a maximum total conducted average output power as follows:

Band	Mode	MIMO_CDD(Ant.1+ Ant.2)					
		Ant.1 Power		Ant.2 Power		(Ant.1 + Ant.2) Power	
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)
UNII1	802.11ax(HE20)	10.82	0.012	10.80	0.012	13.82	0.024
	802.11ax(HE40)	10.81	0.012	10.59	0.011	13.71	0.024
	802.11ax(HE80)	10.64	0.012	10.50	0.011	13.58	0.023
UNII2A	802.11ax(HE20)	11.00	0.013	10.93	0.012	13.98	0.025
	802.11ax(HE40)	11.03	0.013	10.93	0.012	13.99	0.025
	802.11ax(HE80)	11.25	0.013	10.62	0.012	13.96	0.025
UNII2C	802.11ax(HE20)	11.03	0.013	11.10	0.013	14.08	0.026
	802.11ax(HE40)	11.10	0.013	11.08	0.013	14.10	0.026
	802.11ax(HE80)	11.16	0.013	10.96	0.012	14.07	0.026
UNII3	802.11ax(HE20)	11.45	0.014	11.41	0.014	14.44	0.028
	802.11ax(HE40)	10.86	0.012	11.01	0.013	13.95	0.025
	802.11ax(HE80)	10.90	0.012	10.92	0.012	13.92	0.025

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3. TEST METHODOLOGY

The measurement procedure described in FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 dated December 14, 2017 entitled "Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part15, Subpart E" and ANSI C63.10(Version : 2020) 'the American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices' were used in the measurement.

EUT CONFIGURATION

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner that intends to maximize its emission characteristics in a continuous normal application.

EUT EXERCISE

The EUT was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements. According to its specifications, the EUT must comply with the requirements of the Section 15.207, 15.209 and 15.407 under the FCC Rules Part 15 Subpart E.

GENERAL TEST PROCEDURES

Conducted Emissions

The EUT is placed on the turntable, which is 0.8 m above ground plane. According to the requirements in Section 6.2 of ANSI C63.10. (Version : 2020) Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-peak and average detector modes.

Radiated Emissions

According to the requirements in Section 6.3 ~ Section 6.6 of ANSI C63.10. (Version: 2020),
The EUT is placed on a turn table, which is 0.8 m above ground plane below 1 GHz. Above 1 GHz with 1.5 m using absorbers between the EUT and receive antenna. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3 m away from the receiving antenna, which varied from 1 m to 4 m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this hand-held transmitter (EUT) was rotated through three orthogonal axes.

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DESCRIPTION OF TEST MODES

The EUT has been tested under operating condition. Test program used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

4. INSTRUMENT CALIBRATION

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment's, which is traceable to recognized national standards.
Especially, all antenna for measurement is calibrated in accordance with the requirements of ANSI C63.5 (Version : 2017).

5. FACILITIES AND ACCREDITATIONS

5.1 FACILITIES

The SAC(Semi-Anechoic Chamber) and conducted measurement facility used to collect the radiated data are located at the 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, Republic of Korea. The site is constructed in conformance with the requirements of ANSI C63.4. (Version :2014) and CISPR Publication 22.
Detailed description of test facility was submitted to the Commission and accepted dated March 11, 2024 (Registration Number: KR0032).

5.2 EQUIPMENT

Radiated emissions are measured with one or more of the following types of Linearly polarized antennas: tuned dipole, bi-conical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with pre-selectors and quasi-peak detectors are used to perform radiated measurements. Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers. Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.
All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

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6. ANTENNA REQUIREMENTS

According to FCC 47 CFR § 15.203, § 15.407:

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

(1) The antennas of this E.U.T are permanently attached.

(2) The E.U.T Complies with the requirement of § 15.203, § 15.407

7. MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.10-2020.

All measurement uncertainty values are shown with a coverage factor of $k = 2$ to indicate a 95 % level of confidence.

The measurement data shown herein meets or exceeds the U_{CISPR} measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Parameter	Expanded Uncertainty (±kHz)
X dB, 99% Bandwidth	95 (Confidence level about 95 %, $k=2$)
Frequency stability	28 (Confidence level about 95 %, $k=2$)

Parameter	Expanded Uncertainty (±dB)
Conducted Disturbance (150 kHz ~ 30 MHz)	1.54 (Confidence level about 95 %, $k=2$)
Conducted Output Power(Power Meter)	0.54 (Confidence level about 95 %, k=2)
Conducted Output Power(Signal Analyzer)	0.68 (Confidence level about 95 %, k=2)
Power Spectral Density	1.03 (Confidence level about 95 %, k=2)
Radiated Disturbance (9 kHz ~ 30 MHz)	4.36 (Confidence level about 95 %, $k=2$)
Radiated Disturbance (30 MHz ~ 1 GHz)	5.68 (Confidence level about 95 %, $k=2$)
Radiated Disturbance (1 GHz ~ 18 GHz)	5.75 (Confidence level about 95 %, $k=2$)
Radiated Disturbance (18 GHz ~ 40 GHz)	5.82 (Confidence level about 95 %, $k=2$)

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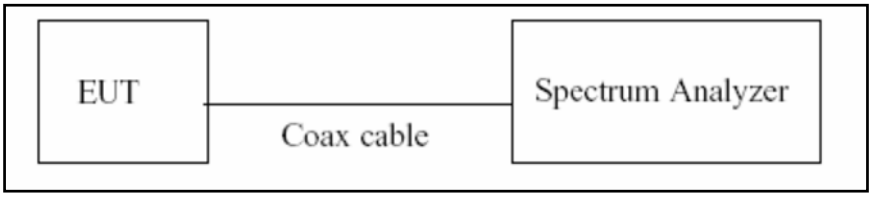
8. DESCRIPTION OF TESTS

8.1. Duty Cycle

Test Configuration



Test Procedure

Test Standard Used : Section B.2 in KDB 789033 D02 v02r01.

The transmitter output is connected to the Spectrum Analyzer.

The Spectrum Analyzer is set to

1. RBW = 8 MHz (the largest availble value)
2. VBW = 8 MHz (≥ RBW)
3. SPAN = 0 Hz
4. Detector = Average
5. Number of points in sweep > 100
6. Trace mode = Clear write
7. Measure T_{total} and T_{on}
8. Calculate Duty Cycle = T_{on}/ T_{total} and Duty Cycle Factor = 10log(1/Duty Cycle)

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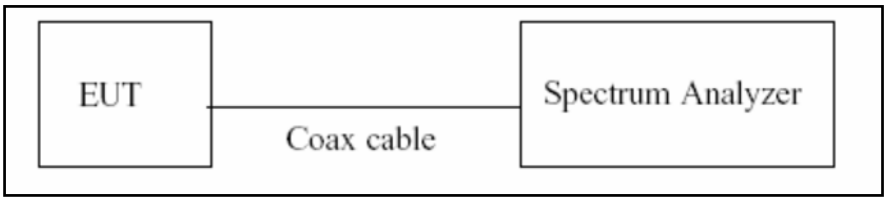
8.2. 6 dB Bandwidth & 26 dB Bandwidth

Limit

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Test Configuration



Test Procedure (26 dB Bandwidth)

Test Standard Used : Section C.1 in KDB 789033 D02 v02r01.

The transmitter output is connected to the Spectrum Analyzer.
The Spectrum Analyzer is set to

1. RBW = approximately 1 % of the emission bandwidth
2. VBW > RBW
3. Detector = Peak
4. Trace mode = max hold
5. Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1 %.

Test Procedure (6 dB Bandwidth)

Test Standard Used : Section C.2 in KDB 789033 D02 v02r01.

The transmitter output is connected to the Spectrum Analyzer.
The Spectrum Analyzer is set to

1. RBW = 100 kHz
2. VBW ≥ 3 x RBW
3. Detector = Peak
4. Trace mode = max hold
5. Allow the trace to stabilize
6. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points(upper and lower frequencies) that are attenuated by 6 dB relative to the maximum lever measured in the fundamental emission.

Note:

1. We tested X dB bandwidth using the automatic bandwidth measurement capability of a spectrum analyzer.
2. DFS test channels should be defined. So, we performed the OBW test to prove that no part of the fundamental emissions of any channels belong to UNII1 and UNII3 band for DFS.
3. The 26 dB bandwidth is used to determine the conducted power limits.

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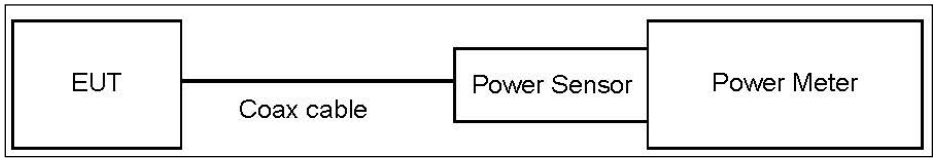
8.3. Output Power Measurement

Limit

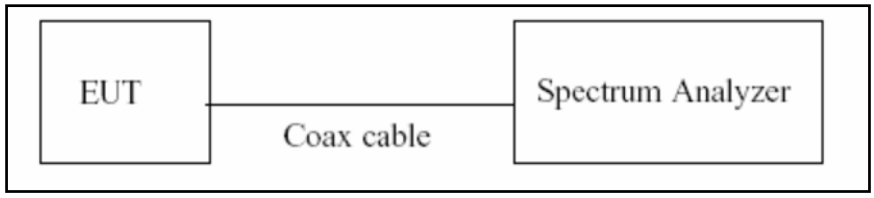
Band	Limit
UNII 1	- Master : Not exceed 1 W(=30 dBm) - Slave : Not exceed 250 mW(=23.98 dBm)
UNII 2A, 2C	Not exceed the lesser of 250 mW or 11 dBm + 10 log B, (where B is the 26 dB emission bandwidth in megahertz.)
UNII 3	Not exceed 1 W(=30 dBm)

Test Configuration

Power Meter



Spectrum Analyzer(Only Straddle Channel)



Test Procedure(Power Meter)

Test Standard Used : Section E.3.a in KDB 789033 D02 v02r01.

The transmitter output is connected to the Power Meter.

1. Measure the duty cycle.
2. Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
3. 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.

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Test Procedure(Spectrum Analyzer)

Test Standard Used : Section E.2.d) in KDB 789033 D02 v02r01.

We use the spectrum analyzer's integrated band power measurement function.

The transmitter output is connected to the Spectrum Analyzer.
The Spectrum Analyzer is set to

1. Measure the duty cycle.
2. Set span to encompass the 26 dB EBW of the signal.
3. RBW = 1 MHz.
4. VBW ≥ 3 MHz.
5. Number of points in sweep ≥ 2 x span/RBW.
6. Sweep time = auto.
7. Measurement Typeor = RMS.
8. Do not use sweep triggering. Allow the sweep to "free run".
9. Trace average at least 100 traces in power averaging(RMS) mode
10. Integrated bandwidth = OBW
11. Add 10log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times.

Sample Calculation

Total Power(dBm) = Measured Value(dBm) + ATT loss(dB) + Cable loss(dB) + Duty Cycle Factor(dB)

Note

1. Spectrum Measured Values are not plot data.
   The power results in plot is already including the actual values of loss for the attenuator and cable combination.
2. Actual value of loss for the attenuator and cable combination is below table.

Band	Loss(dB)
UNII 1	11.95
UNII 2A	11.95
UNII 2C	11.95
UNII 3	11.95

(Actual value of loss for the attenuator and cable combination)

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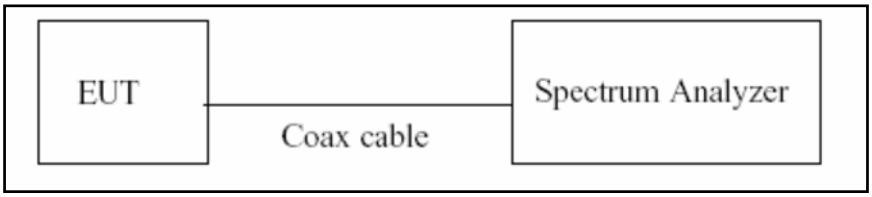
8.4. Power Spectral Density

Limit

Band	Limit
UNII 1	11 dBm/MHz
UNII 2A, 2C	11 dBm/MHz
UNII 3	30 dBm/500 kHz

Test Configuration



Test Procedure

Test Standard Used : Section F in KDB 789033 D02 v02r01.

The transmitter output is connected to the Spectrum Analyzer.
The Spectrum Analyzer is set to

1. Set span to encompass the entire emission bandwidth(EBW) of the signal.
2. RBW = 1 MHz(510 kHz for UNII 3)
   ➔For portion within the NII-3 be used RBW 510kHz
3. VBW ≥ 3 MHz
4. Number of points in sweep ≥ 2 x span/RBW.
5. Sweep time = auto.
6. Measurement Typeor = RMS(i.e., power averaging), if available. Otherwise, use sample Measurement Typeor mode.
7. Do not use sweep triggering. Allow the sweep to “free run”.
8. Trace average at least 100 traces in power averaging(RMS) mode
9. Use the peak search function on the spectrum analyzer to find the peak of the spectrum.
10. If Method SA-2 was used, add 10 log(1/x), where x is the duty cycle, to the peak of the spectrum.

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Sample Calculation

Total PSD(dBm) = Measured Value(dBm) + ATT loss(dB) + Cable loss(dB) + Duty Cycle Factor(dB)

Note

1. Spectrum Measured Values are not plot data.
   The PSD results in plot is already including the actual values of loss for the attenuator and cable combination.
2. Actual value of loss for the attenuator and cable combination is below table.

Band	Loss(dB)
UNII 1	11.95
UNII 2A	11.95
UNII 2C	11.95
UNII 3	11.95

(Actual value of loss for the attenuator and cable combination)

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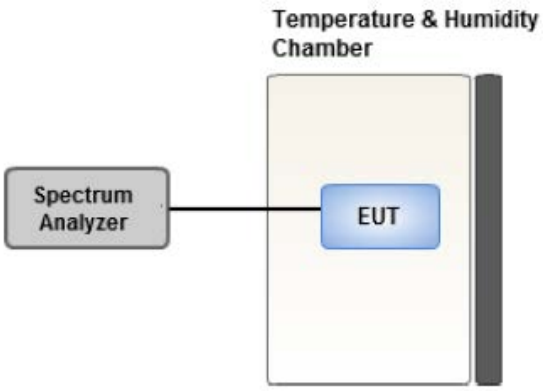
8.5. Frequency Stability

Limit

Maintained within the band

Test Configuration



Test Procedure

Test Standard Used : Section 6.8 in ANSI C63.10-2020.

1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between -30 ℃ and 50 ℃.
2. The temperature was incremented by 10 ℃ intervals and the unit was allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.
3. The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.
4. While maintaining a constant temperature inside the environmental chamber, turn the EUT ON and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized. Four measurements in total are made.

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8.6. AC Power line Conducted Emissions

Limit

For an intentional radiator 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, as measured using a 50 μH/50 ohms line impedance stabilization network (LISN).

Frequency Range (MHz)	Limits (dBμV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56[a]	56 to 46[a]
0.50 to 5	56	46
5 to 30	60	50

[a]Decreases with the logarithm of the frequency.

Compliance with this provision shall be based on the measurement of the radio frequency voltage between each power line (LINE and NEUTRAL) and ground at the power terminals.

Test Configuration

See test photographs attached in Annex A for the actual connections between EUT and support equipment.

Test Procedure

Test Standard Used : Section 6.2 in ANSI C63.10-2020

1. The EUT is placed on a wooden table 80 cm above the reference ground plane.
2. The EUT is connected via LISN to a test power supply.
3. The measurement results are obtained as described below:
4. Detectors: Quasi Peak and Average Detector.

Sample Calculation

Quasi-peak(Final Result) = Measured Value + Correction Factor

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8.7. Radiated Test

Limit

1. UNII 1: All emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of −27 dBm/MHz.
2. UNII 2A, 2C: All emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of −27 dBm/MHz.
3. UNII 3: 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.
4. All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Section 15.209.

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

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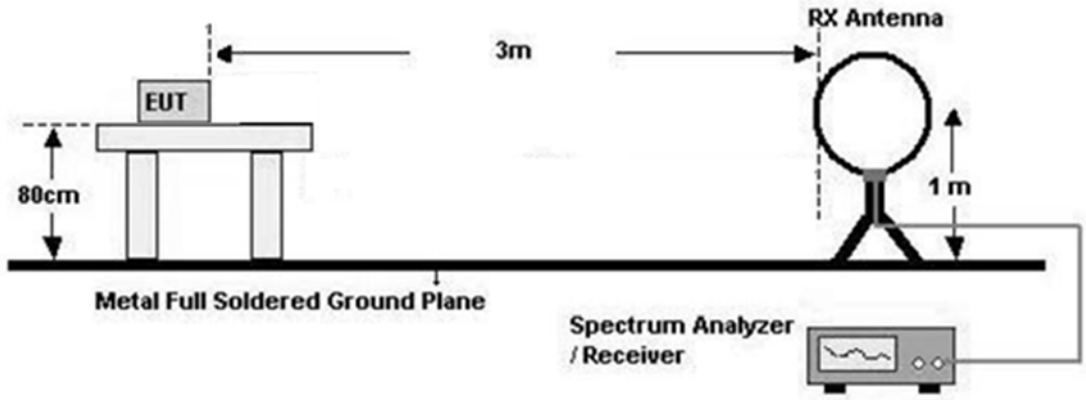
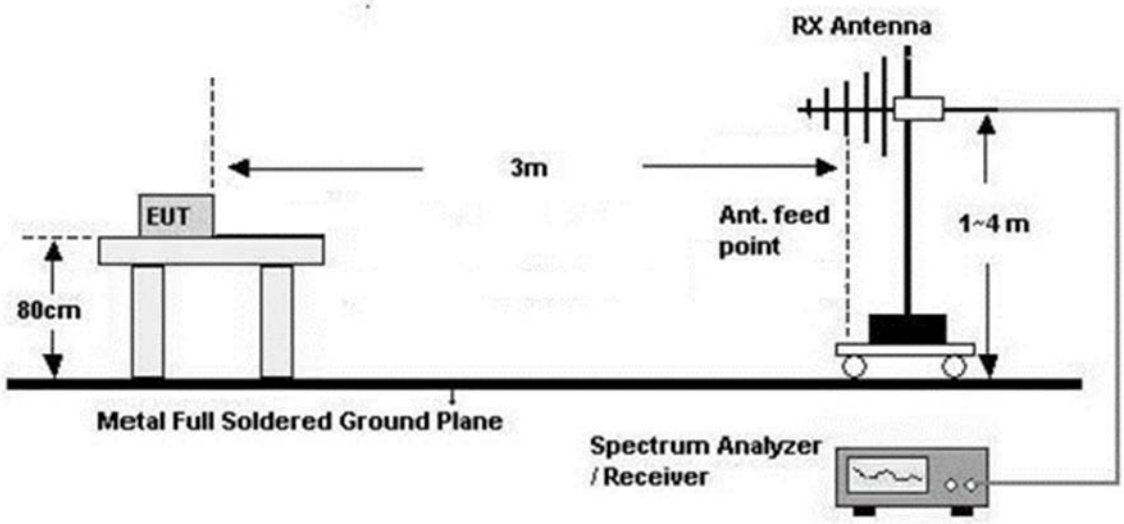
Test Configuration

Below 30 MHz



30 MHz - 1 GHz



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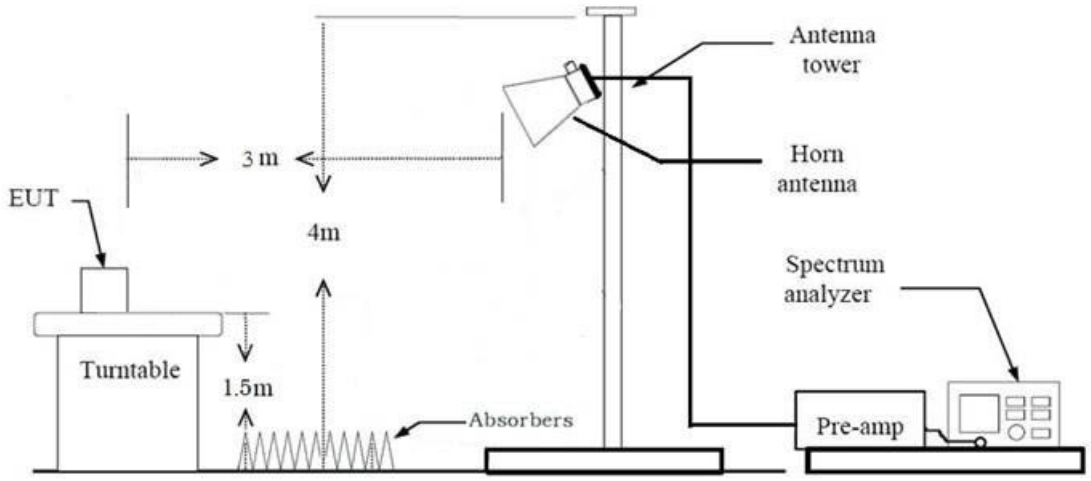
Above 1 GHz



Test Procedure of Radiated spurious emissions(Below 30 MHz)

Test Standard Used : Section II.G in KDB 789033 v02r01

1. The EUT was placed on a non-conductive table located on semi-anechoic chamber.
2. The loop antenna was placed at a location 3 m from the EUT
3. The EUT is placed on a turntable, which is 0.8m above ground plane.
4. We have done x, y, z planes in EUT and horizontal and vertical polarization and Parallel to the ground plane in detecting antenna.
5. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
6. Distance Correction Factor(0.009 MHz – 0.490 MHz) =40log(3 m/300 m)= - 80 dB
   Measurement Distance : 3 m
7. Distance Correction Factor(0.490 MHz – 30 MHz) =40log(3 m/30 m)= - 40 dB
   Measurement Distance : 3 m
8. Spectrum Setting
   - Frequency Range = 9 kHz ~ 30 MHz
   - Detector = Peak
   - Trace = Max Hold
   - RBW = 9 kHz
   - VBW ≥ 3 x RBW
9. Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L) + Distance Factor(D.F)
10. Measurement value only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.

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KDB 414788 OFS and Chamber Correlation Justification

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

OFS and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

Test Procedure of Radiated spurious emissions(Below 1 GHz)

Test Standard Used : Section II.G in KDB 789033 v02r01

1. The EUT was placed on a non-conductive table located on semi-anechoic chamber.
2. The EUT is placed on a turntable, which is 0.8m above ground plane.
3. The Hybrid antenna was placed at a location 3 m from the EUT, which is varied from 1 m to 4 m to find out the highest emissions.
4. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
5. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
6. Spectrum Setting
   (1) Measurement Type(Peak):
      - Measured Frequency Range : 30 MHz – 1 GHz
      - Detector = Peak
      - Trace = Max Hold
      - RBW = 100 kHz
      - VBW ≥ 3 x RBW
   (2) Measurement Type(Quasi-peak):
      - Measured Frequency Range : 30 MHz – 1 GHz
      - Detector = Quasi-Peak
      - RBW = 120 kHz

   ※In general, (1) is used mainly
7. Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L)
8. Measurement value only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.

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Test Procedure of Radiated spurious emissions (Above 1 GHz)

Test Standard Used : Section II.G in KDB 789033 v02r01

1. The EUT is placed on a turntable, which is 1.5 m above ground plane.
2. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
3. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
4. EUT is set 3 m away from the receiving antenna, which is varied from 1 m to 4 m to find out the highest emissions.
5. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
6. Each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
7. Spectrum Setting
   (1) Measurement Type (Peak):
   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep Time = auto
   - Trace mode = Max Hold
   - Allow sweeps to continue until the trace stabilizes.
     Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately 1/x, where x is the duty cycle.

   (2) Measurement Type (Average):
   - RBW = 1 MHz
   - VBW(Duty cycle ≥ 98 percent) = VBW ≤ RBW/100(i.e., 10 kHz) but not less than 10 Hz.
   - VBW(Duty cycle is < 98 percent) = VBW ≥ 1/T, where T is the minimum transmission duration.
   - The analyzer is set to linear detector mode.
   - Detector = Peak.
   - Sweep time = auto.
   - Trace mode = Max Hold.
   - Allow Max Hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98 percent duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.
9. Measurement value only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor
10. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency
11. Distance extrapolation factor = 20log (test distance / specific distance) (dB)
12. Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L) - Amp Gain(A.G) + Distance Factor(D.F)

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Test Procedure of Radiated Restricted Band Edge

Test Standard Used : Section II.G in KDB 789033 v02r01

1. The EUT is placed on a turntable, which is 1.5 m above ground plane.
2. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
3. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
4. EUT is set 3 m away from the receiving antenna, which is varied from 1 m to 4 m to find out the highest emissions.
5. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
6. Each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
7. Spectrum Setting
   (1) Measurement Type (Peak) :
   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep Time = auto
   - Trace mode = Max Hold
   - Allow sweeps to continue until the trace stabilizes.
     Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately 1/x, where x is the duty cycle.

   (2) Measurement Type (Peak, Integration Method) :
   - RBW = 100 KHz
   - VBW ≥ 3 x RBW
   - Detector = Peak
   - Sweep Time = auto
   - Trace mode = Max Hold
   - Allow sweeps to continue until the trace stabilizes.
   - Perform a band-power integration across the 1 MHz bandwidth in which the bandedge emission level is to be measured.

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(3) Measurement Type (Average) :

- RBW = 1 MHz
- VBW(Duty cycle ≥ 98 percent) = VBW ≤ RBW/100(i.e., 10 kHz) but not less than 10 Hz.
- VBW(Duty cycle is < 98 percent) = VBW ≥ 1/T, where T is the minimum transmission duration.
- The analyzer is set to linear detector mode.
- Detector = Peak.
- Sweep time = auto.
- Trace mode = Max Hold.
- Allow Max Hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98 percent duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.

8. Measured Frequency Range :

- 4 500 MHz ~ 5 150 MHz
- 5 350 MHz ~ 5 460 MHz
- 5 460 MHz ~ 5 470 MHz
- (75 MHz or more below the 5 725 MHz) ~ 5 725 MHz
- 5 850 MHz ~ (75 MHz or more above the 5 850 MHz)

9. Distance extrapolation factor = 20log (test distance / specific distance) (dB)

10. Total

(1)Measurement(Peak)

= Measured Value(Peak)

(2)Measurement(Avg)

= Measured Value (Avg)

- We apply to the offset in the range 1 GHz - 18 GHz.
- The offset = Antenna Factor(A.F) + Cable Loss(C.L) + Distance Factor(D.F) – Amp. Gain(A.G) + Attenuator (ATT)

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8.8. Test RU for Tones

BW (MHz)	Tones (T)	RU offset	Test RU offset		
			Low	Mid	High
20	26	0~8	0	4	8
	52	37~40	37	38	40
	106	53~54	53	-	54
	242	61	-	61	-
40	26	0~17	0	9	17
	52	37~44	37	41	44
	106	53~56	53	54	56
	242	61~62	61	-	62
	484	65	-	65	-
80	26	0~36	0	19	36
	52	37~52	37	45	52
	106	53~60	53	57	60
	242	61~64	61	62	64
	484	65~66	65	-	66
	996	67	-	67	-

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8.9. Worst case configuration and mode

Conducted test

1. All data rate of operation were investigated and the worst case results are reported.
   - HE20, HE40, HE80 : MCS0
2. All test was performed with continuous signal.(Duty Cycle ≥ 98%)

Radiated test

1. All modes of operation were investigated and the worst case configuration results are reported.
   - Mode : Stand alone(Connector Type FFC / HW ver.1.0), Stand alone(Connector Type Harness / HW ver.1.1)
   - Worstcase : Stand alone(Connector Type FFC / HW ver.1.0)
2. All data rate of operation were investigated and the worst case results are reported.
   (Worst case : MCS0)
3. All Antenna of operation were investigated and the worst case results are reported
   - Antenna Operation Type : SISO, MIMO_CDD(Ant.1+Ant.2), MIMO_SDM(Ant.1+Ant.2)
   - Worstcase : MIMO_CDD(Ant.1+Ant.2)
4. EUT Axis
   - Radiated Spurious Emissions: X
   - Radiated Restricted Band Edge : X
5. All position of loop antenna were investigated and the test result is a no critical peak found at all positions.
   - Position : Horizontal, Vertical, Parallel to the ground plane
6. All mode(Tone, RU Offset) of operation were investigated and the worst case configuration results are reported
7. All test was performed with continuous signal.(Duty Cycle ≥ 98%)

[RSE Worst case]

Test	BW (MHz)	Tones (T)	Offset
RSE	20	26	4
		242	61
	40	26	9
		484	65
	80	26	19
		996	67

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[Bandedge Worst case]

Test	BW (MHz)	Tones (T)	Offset	
			Lower	Upper
Bandedge	20	26	0	8
		52	37	40
		106	53	54
		242	61	61
		SU	-	-
	40	26	0	17
		52	37	44
		106	53	56
		242	61	62
		484	65	65
		SU	-	-
	80	26	0	36
		52	37	52
		106	53	60
		242	61	64
		484	65	66
		996	67	67
		SU	-	-

Radiated test(Simultaneous transmission Scenario)

1. Please refer to the [DTS], [BT LE], [UNII]Test Report.

AC Power line Conducted Emissions

1. Please refer to the [UNII] Test Report.

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9. SUMMARY OF TEST RESULTS

Test Description	FCC Part Section(s)	Test Limit	Test Condition	Test Result
26 dB Bandwidth	§ 15.407 (for Power Measurement)	N/A	Conducted	PASS
6 dB Bandwidth	§ 15.407(e)	>500 kHz (5725-5850 MHz)(UNII-3)		PASS
Maximum Conducted Output Power	§ 15.407(a)(1),(2),(3)	< 250 mW(5150-5250 MHz) < 250 mW or 11+10log$_{10}$ (BW) dBm (5250-5350 MHz) < 250 mW or 11+10log$_{10}$ (BW) dBm (5470-5725 MHz) <1 W (5725-5850 MHz)		PASS
Maximum Power Spectral Density	§ 15.407(a)(1),(2),(3)	<11 dBm/ MHz (5150-5250 MHz) <11 dBm/ MHz (5250-5350 MHz) <11 dBm/ MHz (5470-5725 MHz) <30 dBm/500 kHz(5725-5850 MHz)		PASS
Frequency Stability	§ 15.407(g) § 2.1055	Maintained within the band		PASS (Note1)
AC Conducted Emissions 150 kHz-30 MHz	15.207 15.407(b)(9)	<FCC 15.207 limits		PASS (Note1)
Undesirable Emissions	§ 15.407(b) (1),(2),(3),(4) § 15.407(b)(5)(ii),(iii)	<-27 dBm/MHz EIRP (UNII1, 2A, 2C) cf. Section 8.6 (UNII 3)	Radiated	PASS
General Field Strength Limits(Restricted Bands and Radiated Emission Limits)	15.205, 15.407(b)(9),(10)	Emissions in restricted bands must meet the radiated limits detailed in 15.209		PASS

Note:

1. Please refer to the [UNII] Test Report.
2. UNII 2A, 2C: TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.
3. The decision rule applies 'simple acceptance'

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10. TEST RESULT

10.1 DUTY CYCLE

Mode	Data Rate (Mbps)	T_{on} (ms)	T_{total} (ms)	Duty Cycle	Duty Cycle Factor(dB)
802.11ax20	MCS0	-	-	-	-
802.11ax40	MCS0	-	-	-	-
802.11ax80	MCS0	-	-	-	-

Note:

1. Test was performed with continuous Tx.

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10.2 26 dB BANDWIDTH & 99% BANDWIDTH

Straddle channel data in the table below are for reporting purposes only.

Straddle channel data were added in section 10.6.1.

10.2.1 Ant.1

Mode : HE20 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	11.74	6.48	11.57	3.822	4.082	3.872
	5200	40	11.46	6.28	11.75	3.816	4.040	3.860
	5240	48	10.28	8.20	10.25	4.744	5.182	4.609
UNII2A	5260	52	11.52	6.43	11.61	4.125	3.988	4.284
	5300	60	11.42	6.15	11.63	4.092	3.993	3.999
	5320	64	11.47	6.21	11.63	4.111	3.968	3.881
UNII2C	5500	100	11.99	5.79	11.47	4.368	3.995	3.948
	5600	120	11.89	6.11	11.76	4.068	4.084	4.015
	5720	144	11.82	6.52	11.59	3.892	4.024	3.870
UNII3	5745	149	11.69	5.98	11.54	3.973	3.878	3.978
	5785	157	11.58	6.26	11.46	4.019	4.003	3.809
	5825	165	11.54	6.07	11.44	3.981	3.946	3.830

Mode : HE20 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	11.49	7.74	11.84	5.415	5.638	5.317
	5200	40	11.53	8.36	8.23	5.289	5.725	5.727
	5240	48	10.36	10.31	10.27	6.143	5.996	5.825
UNII2A	5260	52	11.59	8.32	11.59	5.461	5.800	5.428
	5300	60	11.66	7.62	11.58	5.261	5.639	5.219
	5320	64	11.67	7.96	11.56	5.328	5.637	5.335
UNII2C	5500	100	11.52	8.16	11.70	5.300	5.600	5.337
	5600	120	11.72	8.08	11.57	5.493	5.658	5.392
	5720	144	11.55	8.25	11.65	5.174	5.645	5.177
UNII3	5745	149	11.64	7.89	11.53	5.266	5.702	5.227
	5785	157	11.84	8.16	11.78	5.294	5.737	5.347
	5825	165	11.59	8.00	11.35	5.425	5.704	5.449

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Mode : HE20 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	11.95	-	12.35	9.344	-	9.439
	5200	40	11.72	-	12.50	9.523	-	9.129
	5240	48	10.41	-	10.40	8.632	-	8.717
UNII2A	5260	52	11.92	-	12.10	9.353	-	9.212
	5300	60	12.19	-	12.00	9.433	-	8.990
	5320	64	12.02	-	12.35	9.090	-	9.044
UNII2C	5500	100	12.37	-	12.19	9.276	-	9.041
	5600	120	11.89	-	12.24	9.517	-	9.255
	5720	144	11.66	-	11.89	9.321	-	9.001
UNII3	5745	149	12.30	-	12.29	9.304	-	9.091
	5785	157	12.17	-	12.17	9.249	-	9.039
	5825	165	11.79	-	11.97	9.125	-	9.056

Mode : HE20 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	-	22.01	-	-	19.010	-
	5200	40	-	22.42	-	-	19.000	-
	5240	48	-	20.02	-	-	18.830	-
UNII2A	5260	52	-	22.23	-	-	19.020	-
	5300	60	-	22.07	-	-	18.980	-
	5320	64	-	22.25	-	-	19.010	-
UNII2C	5500	100	-	22.10	-	-	18.990	-
	5600	120	-	21.77	-	-	19.030	-
	5720	144	-	22.11	-	-	18.990	-
UNII3	5745	149	-	22.08	-	-	19.000	-
	5785	157	-	22.20	-	-	19.000	-
	5825	165	-	22.18	-	-	19.020	-

Mode : HE20 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	-	22.57	-	-	19.057	-
	5200	40	-	22.43	-	-	19.039	-
	5240	48	-	19.98	-	-	18.817	-
UNII2A	5260	52	-	22.27	-	-	19.006	-
	5300	60	-	21.92	-	-	19.087	-
	5320	64	-	25.75	-	-	19.016	-
UNII2C	5500	100	-	22.06	-	-	19.038	-
	5600	120	-	22.50	-	-	19.019	-
	5720	144	-	22.61	-	-	19.033	-
UNII3	5745	149	-	22.15	-	-	19.019	-
	5785	157	-	22.02	-	-	19.006	-
	5825	165	-	22.04	-	-	19.028	-

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Mode : HE40 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	20.17	9.43	20.27	7.930	6.904	6.453
	5230	46	20.21	9.95	20.11	7.949	6.812	6.997
UNII2A	5270	54	20.23	8.79	20.29	6.411	7.016	6.662
	5310	62	20.13	10.21	20.18	6.683	7.147	6.366
UNII2C	5510	102	20.28	8.53	20.18	8.982	6.943	6.609
	5590	118	20.17	8.85	20.22	7.517	6.662	7.716
	5710	142	20.21	7.95	20.24	7.269	6.450	7.586
UNII3	5755	151	20.24	9.35	20.23	6.943	6.793	7.944
	5795	159	20.23	8.69	20.18	7.529	6.615	6.787

Mode : HE40 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	20.37	12.48	20.26	8.951	7.874	8.358
	5230	46	20.24	13.56	20.30	8.613	8.070	7.760
UNII2A	5270	54	20.28	12.97	20.17	13.550	8.208	7.952
	5310	62	20.23	13.16	20.20	8.165	7.980	7.760
UNII2C	5510	102	20.35	12.71	20.30	8.373	8.036	8.959
	5590	118	20.28	12.56	20.39	8.762	8.229	9.009
	5710	142	20.28	13.62	20.26	8.788	8.122	7.954
UNII3	5755	151	20.28	14.01	20.38	9.071	8.267	8.935
	5795	159	20.20	12.51	20.27	8.639	8.202	8.601

Mode : HE40 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	20.32	18.36	20.27	11.106	10.138	10.323
	5230	46	20.39	18.21	20.29	10.896	10.184	10.505
UNII2A	5270	54	20.31	16.74	20.37	10.512	9.913	10.456
	5310	62	20.32	17.18	20.33	10.340	10.095	10.304
UNII2C	5510	102	20.38	18.28	20.34	10.581	9.942	10.647
	5590	118	20.26	17.40	20.33	11.328	9.904	11.236
	5710	142	20.27	17.43	20.40	11.507	10.224	11.571
UNII3	5755	151	20.49	17.28	20.34	11.223	10.053	10.544
	5795	159	20.31	18.03	20.44	10.592	9.830	10.488

Mode : HE40 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	39.40	-	38.97	19.621	-	19.344
	5230	46	39.39	-	39.24	19.551	-	19.391
UNII2A	5270	54	39.47	-	39.29	19.471	-	19.492
	5310	62	39.18	-	39.26	19.455	-	19.493
UNII2C	5510	102	39.37	-	39.45	19.630	-	19.360
	5590	118	39.39	-	39.35	19.558	-	19.391
	5710	142	39.34	-	39.19	19.504	-	19.450
UNII3	5755	151	39.34	-	39.39	19.698	-	19.415
	5795	159	39.31	-	39.29	19.545	-	19.449

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Mode : HE40 484T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	-	39.40	-	-	37.468	-
	5230	46	-	39.50	-	-	37.493	-
UNII2A	5270	54	-	39.52	-	-	37.482	-
	5310	62	-	39.54	-	-	37.392	-
UNII2C	5510	102	-	39.41	-	-	37.489	-
	5590	118	-	39.60	-	-	37.497	-
	5710	142	-	39.47	-	-	37.486	-
UNII3	5755	151	-	39.43	-	-	37.453	-
	5795	159	-	39.49	-	-	37.398	-

Mode : HE40 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	-	39.60	-	-	37.485	-
	5230	46	-	39.51	-	-	37.400	-
UNII2A	5270	54	-	39.61	-	-	37.441	-
	5310	62	-	39.41	-	-	37.512	-
UNII2C	5510	102	-	39.53	-	-	37.529	-
	5590	118	-	39.75	-	-	37.592	-
	5710	142	-	39.45	-	-	37.469	-
UNII3	5755	151	-	39.58	-	-	37.505	-
	5795	159	-	39.50	-	-	37.458	-

Mode : HE80 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	40.69	10.45	40.50	13.568	11.741	11.009
UNII2A	5290	58	40.69	12.21	40.58	11.534	11.823	10.505
UNII2C	5530	106	40.58	18.24	40.33	11.247	15.857	11.960
	5610	122	40.65	11.67	40.56	13.215	11.592	12.421
	5690	138	40.82	11.42	40.67	15.365	11.582	13.171
UNII3	5775	155	40.79	11.48	40.56	12.182	11.301	11.175

Mode : HE80 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	40.76	18.21	40.37	13.377	13.096	11.387
UNII2A	5290	58	40.52	18.94	40.70	11.081	12.234	11.393
UNII2C	5530	106	40.79	19.46	40.76	11.769	13.555	11.901
	5610	122	40.83	18.51	40.60	13.399	12.425	12.435
	5690	138	40.99	16.29	40.70	14.118	12.334	13.296
UNII3	5775	155	40.78	15.47	40.88	13.411	12.913	12.240

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Mode : HE80 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	41.01	24.96	41.03	15.555	14.784	14.144
UNII2A	5290	58	41.02	26.47	40.89	14.793	14.457	14.547
UNII2C	5530	106	40.84	26.92	40.61	13.738	14.786	12.822
	5610	122	40.95	22.49	40.86	16.400	14.877	15.507
	5690	138	40.93	26.14	40.92	15.572	14.637	15.166
UNII3	5775	155	40.90	24.00	40.93	14.486	14.985	15.851

Mode : HE80 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	41.13	34.70	40.94	22.507	21.750	21.452
UNII2A	5290	58	41.17	35.57	41.11	22.339	21.323	21.815
UNII2C	5530	106	41.14	35.60	40.96	21.709	21.405	21.032
	5610	122	41.14	33.64	41.12	22.635	21.530	22.427
	5690	138	41.13	40.95	41.01	22.266	21.701	21.980
UNII3	5775	155	41.05	37.80	41.06	22.183	21.697	22.794

Mode : HE80 484T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	79.99	-	79.59	40.632	-	39.308
UNII2A	5290	58	79.85	-	80.06	39.504	-	39.282
UNII2C	5530	106	79.75	-	79.48	39.580	-	39.427
	5610	122	79.68	-	79.48	39.549	-	39.415
	5690	138	79.66	-	79.89	39.637	-	39.636
UNII3	5775	155	79.80	-	79.58	39.629	-	39.530

Mode : HE80 996T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	-	79.83	-	-	76.819	-
UNII2A	5290	58	-	80.05	-	-	76.765	-
UNII2C	5530	106	-	79.95	-	-	76.636	-
	5610	122	-	79.92	-	-	76.614	-
	5690	138	-	79.95	-	-	76.619	-
UNII3	5775	155	-	80.06	-	-	76.625	-

Mode : HE80 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	-	80.06	-	-	76.679	-
UNII2A	5290	58	-	80.07	-	-	76.635	-
UNII2C	5530	106	-	79.89	-	-	76.811	-
	5610	122	-	80.00	-	-	76.640	-
	5690	138	-	80.09	-	-	76.885	-
UNII3	5775	155	-	80.21	-	-	76.763	-

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10.2.2 Ant.2

Mode : HE20 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	11.30	6.52	11.63	3.719	4.111	3.937
	5200	40	16.04	6.00	11.54	14.562	4.120	3.858
	5240	48	10.24	7.57	10.28	4.874	4.862	4.819
UNII2A	5260	52	11.64	5.99	11.66	3.963	3.979	3.777
	5300	60	11.74	6.03	11.69	3.744	4.021	3.863
	5320	64	11.59	6.32	11.74	3.982	4.110	3.846
UNII2C	5500	100	11.82	6.23	11.54	3.873	4.148	3.875
	5600	120	16.27	6.35	11.60	14.476	4.019	3.874
	5720	144	11.44	6.47	11.36	3.954	4.910	3.946
UNII3	5745	149	11.58	6.41	11.45	3.870	3.981	3.854
	5785	157	11.52	6.26	11.88	3.975	4.024	3.893
	5825	165	11.72	5.90	11.59	3.891	3.953	3.831

Mode : HE20 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	11.77	7.99	11.96	5.208	5.614	5.222
	5200	40	11.22	8.14	11.57	5.237	5.767	5.215
	5240	48	10.34	10.41	10.31	6.122	6.088	5.785
UNII2A	5260	52	11.75	7.78	11.86	5.257	5.564	5.247
	5300	60	11.64	8.16	11.71	5.130	5.645	5.089
	5320	64	11.62	8.04	11.94	5.214	5.667	5.157
UNII2C	5500	100	11.75	8.56	11.60	5.420	5.410	5.289
	5600	120	11.66	7.45	11.64	5.771	5.516	5.230
	5720	144	11.58	8.10	11.92	5.151	5.526	5.146
UNII3	5745	149	11.81	7.83	11.65	5.175	5.579	5.280
	5785	157	11.51	7.89	11.67	5.234	5.631	5.165
	5825	165	11.72	7.85	11.65	5.207	5.514	5.176

Mode : HE20 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	12.50	-	11.78	8.917	-	8.811
	5200	40	11.77	-	12.14	8.934	-	8.879
	5240	48	10.42	-	10.38	8.688	-	8.642
UNII2A	5260	52	12.22	-	11.91	9.075	-	8.946
	5300	60	12.20	-	11.67	8.995	-	8.890
	5320	64	12.01	-	12.01	8.924	-	8.882
UNII2C	5500	100	11.85	-	12.13	9.249	-	9.089
	5600	120	12.16	-	11.71	8.982	-	8.857
	5720	144	12.36	-	12.01	8.973	-	8.885
UNII3	5745	149	11.98	-	12.15	9.048	-	8.886
	5785	157	12.14	-	11.93	9.050	-	9.003
	5825	165	11.73	-	11.98	9.050	-	8.898

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Mode : HE20 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	-	21.96	-	-	19.012	-
	5200	40	-	22.53	-	-	18.959	-
	5240	48	-	20.05	-	-	18.838	-
UNII2A	5260	52	-	22.28	-	-	19.028	-
	5300	60	-	22.33	-	-	18.986	-
	5320	64	-	21.88	-	-	19.016	-
UNII2C	5500	100	-	22.26	-	-	18.962	-
	5600	120	-	22.17	-	-	19.005	-
	5720	144	-	22.50	-	-	18.981	-
UNII3	5745	149	-	22.59	-	-	18.969	-
	5785	157	-	22.14	-	-	19.031	-
	5825	165	-	22.54	-	-	19.018	-

Mode : HE20 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	-	22.81	-	-	19.068	-
	5200	40	-	22.28	-	-	19.093	-
	5240	48	-	19.97	-	-	18.847	-
UNII2A	5260	52	-	22.27	-	-	19.027	-
	5300	60	-	21.77	-	-	19.024	-
	5320	64	-	22.21	-	-	19.053	-
UNII2C	5500	100	-	22.47	-	-	19.083	-
	5600	120	-	22.58	-	-	19.034	-
	5720	144	-	22.09	-	-	19.005	-
UNII3	5745	149	-	21.72	-	-	18.988	-
	5785	157	-	22.18	-	-	19.019	-
	5825	165	-	22.14	-	-	19.010	-

Mode : HE40 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	20.06	8.51	20.22	6.534	6.361	6.923
	5230	46	20.25	8.86	20.16	7.481	6.776	6.472
UNII2A	5270	54	6.06	8.27	19.90	6.195	6.874	5.677
	5310	62	20.08	9.74	6.61	6.627	7.010	5.987
UNII2C	5510	102	20.15	8.19	20.08	6.569	7.176	6.266
	5590	118	20.13	8.14	20.15	5.914	7.137	6.423
	5710	142	20.05	10.43	20.09	6.255	6.837	6.458
UNII3	5755	151	20.16	8.41	20.09	6.489	6.694	6.126
	5795	159	20.13	9.65	20.18	6.215	7.241	6.913

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Mode : HE40 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	20.11	10.94	20.26	7.160	7.839	7.641
	5230	46	20.12	12.44	20.19	7.615	7.756	7.521
UNII2A	5270	54	20.26	13.55	20.30	7.793	8.169	7.429
	5310	62	20.12	12.84	20.14	7.997	7.890	7.455
UNII2C	5510	102	20.35	11.29	20.20	7.686	7.699	7.941
	5590	118	20.17	14.04	20.27	7.768	8.014	7.653
	5710	142	20.26	13.48	20.24	7.673	7.913	7.219
UNII3	5755	151	20.20	13.03	20.25	7.838	7.751	7.675
	5795	159	20.21	12.80	20.10	7.685	8.200	7.669

Mode : HE40 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	20.24	17.90	20.23	10.306	10.222	9.933
	5230	46	20.32	18.15	20.30	10.906	10.086	10.461
UNII2A	5270	54	20.34	18.01	20.28	10.183	10.076	9.992
	5310	62	20.28	17.83	20.25	10.160	10.323	10.007
UNII2C	5510	102	20.33	16.12	20.26	10.359	10.285	10.085
	5590	118	20.36	17.90	20.26	10.440	10.080	10.447
	5710	142	20.28	18.23	20.32	10.207	10.129	10.231
UNII3	5755	151	20.32	16.79	20.32	10.168	10.111	10.316
	5795	159	20.38	16.96	20.26	10.201	9.842	10.154

Mode : HE40 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	39.22	-	39.41	19.656	-	19.396
	5230	46	39.25	-	39.07	19.661	-	19.381
UNII2A	5270	54	39.44	-	39.37	19.576	-	19.468
	5310	62	39.28	-	38.85	19.449	-	19.385
UNII2C	5510	102	39.30	-	39.39	19.487	-	19.505
	5590	118	39.32	-	39.19	19.409	-	19.484
	5710	142	39.48	-	39.40	19.586	-	19.351
UNII3	5755	151	39.32	-	39.37	19.501	-	19.502
	5795	159	39.23	-	39.15	19.474	-	19.367

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Mode : HE40 484T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	-	39.44	-	-	37.537	-
	5230	46	-	39.49	-	-	37.430	-
UNII2A	5270	54	-	39.60	-	-	37.499	-
	5310	62	-	39.40	-	-	37.420	-
UNII2C	5510	102	-	39.52	-	-	37.557	-
	5590	118	-	39.49	-	-	37.500	-
	5710	142	-	39.42	-	-	37.444	-
UNII3	5755	151	-	39.55	-	-	37.382	-
	5795	159	-	39.57	-	-	37.496	-

Mode : HE40 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	-	39.52	-	-	37.395	-
	5230	46	-	39.52	-	-	37.410	-
UNII2A	5270	54	-	39.53	-	-	37.507	-
	5310	62	-	39.47	-	-	37.414	-
UNII2C	5510	102	-	39.49	-	-	37.486	-
	5590	118	-	39.47	-	-	37.444	-
	5710	142	-	39.43	-	-	37.540	-
UNII3	5755	151	-	39.45	-	-	37.490	-
	5795	159	-	39.45	-	-	37.509	-

Mode : HE80 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	10.15	12.55	10.70	9.957	11.746	9.871
UNII2A	5290	58	9.69	12.89	11.20	9.898	12.767	9.802
UNII2C	5530	106	9.70	10.48	8.84	9.225	11.895	9.945
	5610	122	40.41	14.00	9.49	10.534	12.375	10.672
	5690	138	9.73	13.63	9.27	11.618	12.224	10.533
UNII3	5775	155	8.84	11.58	11.18	10.433	11.128	10.647

Mode : HE80 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	40.36	20.69	16.19	10.980	12.862	10.095
UNII2A	5290	58	40.45	16.59	11.67	10.649	12.761	9.321
UNII2C	5530	106	40.45	15.17	40.64	10.122	12.936	10.456
	5610	122	40.72	17.06	40.58	11.854	13.527	10.433
	5690	138	40.45	15.77	10.27	10.237	12.562	10.304
UNII3	5775	155	40.67	17.56	40.65	18.180	13.270	11.575

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Mode : HE80 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	40.77	21.38	40.71	13.225	14.403	12.115
UNII2A	5290	58	40.63	24.19	40.47	12.649	15.195	12.278
UNII2C	5530	106	40.78	25.41	40.65	12.845	14.929	12.758
	5610	122	40.79	26.44	40.69	12.904	14.925	12.797
	5690	138	40.72	25.16	40.70	13.096	14.865	13.042
UNII3	5775	155	40.72	23.25	40.80	12.762	14.392	13.712

Mode : HE80 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	41.00	38.99	41.00	21.147	21.638	20.788
UNII2A	5290	58	40.84	34.07	40.74	20.817	21.591	20.899
UNII2C	5530	106	40.90	34.81	41.02	20.976	21.568	20.772
	5610	122	41.03	35.83	40.93	21.423	21.463	20.819
	5690	138	40.95	35.07	40.91	21.009	21.421	20.912
UNII3	5775	155	40.91	34.20	40.84	21.543	21.460	21.155

Mode : HE80 484T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	79.50	-	80.12	40.518	-	39.356
UNII2A	5290	58	79.71	-	79.69	39.572	-	39.325
UNII2C	5530	106	79.38	-	79.68	39.464	-	39.291
	5610	122	79.78	-	79.68	39.862	-	39.456
	5690	138	79.52	-	79.59	39.578	-	39.374
UNII3	5775	155	79.32	-	79.85	39.630	-	39.249

Mode : HE80 996T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	-	80.03	-	-	76.573	-
UNII2A	5290	58	-	80.00	-	-	76.833	-
UNII2C	5530	106	-	80.11	-	-	76.788	-
	5610	122	-	80.01	-	-	76.630	-
	5690	138	-	79.86	-	-	76.636	-
UNII3	5775	155	-	79.97	-	-	76.848	-

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Mode : HE80 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	-	80.00	-	-	76.807	-
UNII2A	5290	58	-	79.98	-	-	77.013	-
UNII2C	5530	106	-	80.11	-	-	76.677	-
	5610	122	-	80.08	-	-	76.698	-
	5690	138	-	80.10	-	-	76.623	-
UNII3	5775	155	-	80.29	-	-	76.702	-

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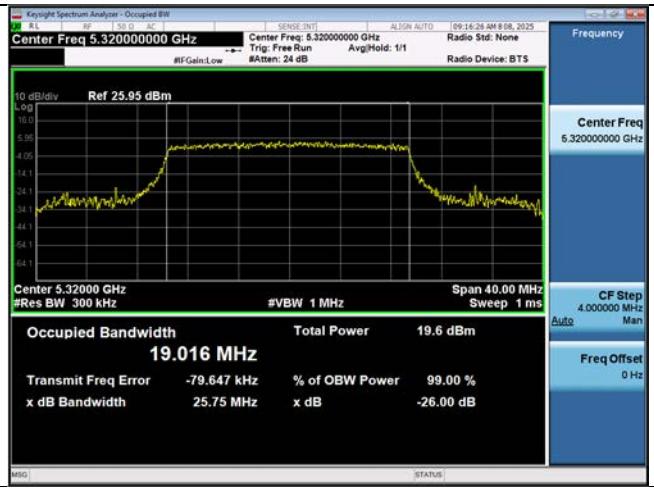
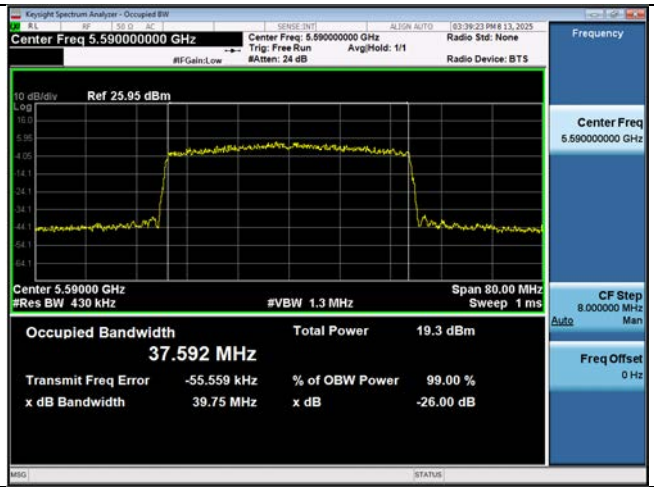
▣ Test Plots

[Ant.1]

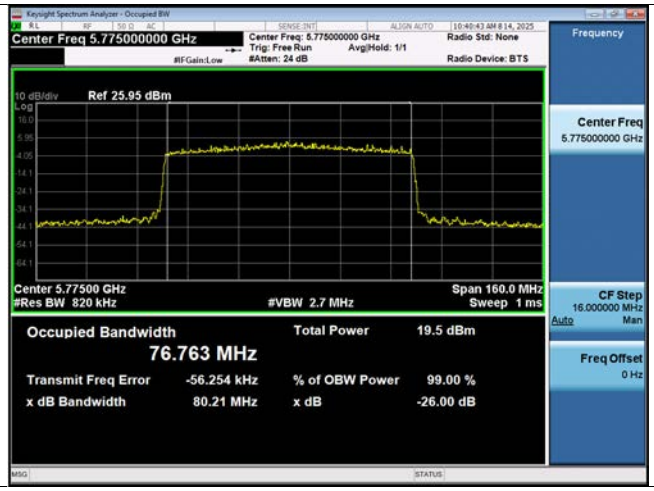
Bandwidth 20M Ch.64(5320 MHz) SU



Bandwidth 40M Ch.118(5590 MHz) SU



Bandwidth 80M Ch.155(5775 MHz) SU



Note:

In order to simplify the report, attached plots were only the widest channel per channel bandwidth.

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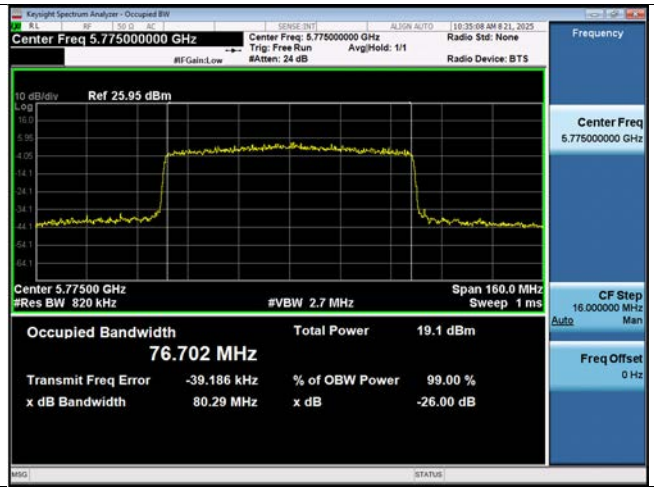
[Ant.2]

Bandwidth 20M Ch.36(5180 MHz) SU

Bandwidth 40M Ch.54(5270 MHz) 484 Tones RU65

Bandwidth 80M Ch.155(5775 MHz) SU



Note:

In order to simplify the report, attached plots were only the widest channel per channel bandwidth.

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10.3 6 dB BANDWIDTH

Limit : > 0.5 MHz

10.3.1 Ant.1

Mode : HE20

Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1
UNII3	26T	5745	149	2.090	2.628	2.057
		5785	157	2.096	2.615	2.051
		5825	165	2.072	2.630	2.066
UNII3	52T	5745	149	4.166	4.123	4.130
		5785	157	4.135	4.107	4.146
		5825	165	4.178	4.089	4.132
UNII3	106T	5745	149	8.344	-	8.327
		5785	157	8.314	-	8.343
		5825	165	8.327	-	8.353
UNII3	242T	5745	149	-	19.06	-
		5785	157	-	19.02	-
		5825	165	-	18.95	-
UNII3	SU	5745	149	-	19.01	-
		5785	157	-	19.01	-
		5825	165	-	19.01	-

Mode : HE40

Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1
UNII3	26T	5755	151	2.125	2.135	2.183
		5795	159	2.128	2.063	2.121
UNII3	52T	5755	151	4.170	4.130	4.110
		5795	159	4.126	4.149	4.175
UNII3	106T	5755	151	8.362	8.325	8.350
		5795	159	8.376	8.324	8.360
UNII3	242T	5755	151	19.20	-	19.20
		5795	159	19.20	-	19.18
UNII3	484T	5755	151	-	37.22	-
		5795	159	-	37.66	-
UNII3	SU	5755	151	-	36.81	-
		5795	159	-	37.66	-

Mode : HE80

Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1
UNII3	26T	5775	155	2.202	2.168	2.196
UNII3	52T	5775	155	4.225	4.186	4.187
UNII3	106T	5775	155	8.418	8.439	8.492
UNII3	242T	5775	155	19.02	20.37	39.28
UNII3	484T	5775	155	39.29	-	39.30
UNII3	996T	5775	155	-	74.22	-
UNII3	SU	5775	155	-	77.03	-

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10.3.2 Ant.2

Mode : HE20						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2
UNII3	26T	5745	149	2.081	2.624	2.070
		5785	157	2.099	2.616	2.054
		5825	165	2.036	2.609	2.062
UNII3	52T	5745	149	4.135	4.101	4.088
		5785	157	4.094	4.079	4.116
		5825	165	4.067	4.102	4.106
UNII3	106T	5745	149	8.349	-	8.269
		5785	157	8.339	-	8.308
		5825	165	8.338	-	8.353
UNII3	242T	5745	149	-	19.04	-
		5785	157	-	19.06	-
		5825	165	-	19.08	-
UNII3	SU	5745	149	-	19.04	-
		5785	157	-	19.07	-
		5825	165	-	19.02	-

Mode : HE40						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2
UNII3	26T	5755	151	2.134	2.131	2.153
		5795	159	2.144	2.141	2.144
UNII3	52T	5755	151	4.169	4.128	4.178
		5795	159	4.177	4.125	4.139
UNII3	106T	5755	151	8.371	8.321	8.319
		5795	159	8.369	8.367	8.360
UNII3	242T	5755	151	18.91	-	18.86
		5795	159	19.13	-	18.93
UNII3	484T	5755	151	-	36.89	-
		5795	159	-	37.44	-
UNII3	SU	5755	151	-	35.34	-
		5795	159	-	37.59	-

Mode : HE80						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2
UNII3	26T	5775	155	2.169	2.202	2.174
UNII3	52T	5775	155	4.282	4.152	4.226
UNII3	106T	5775	155	8.421	8.402	8.418
UNII3	242T	5775	155	19.03	19.07	19.07
UNII3	484T	5775	155	39.23	-	39.31
UNII3	996T	5775	155	-	76.19	-
UNII3	SU	5775	155	-	77.57	-

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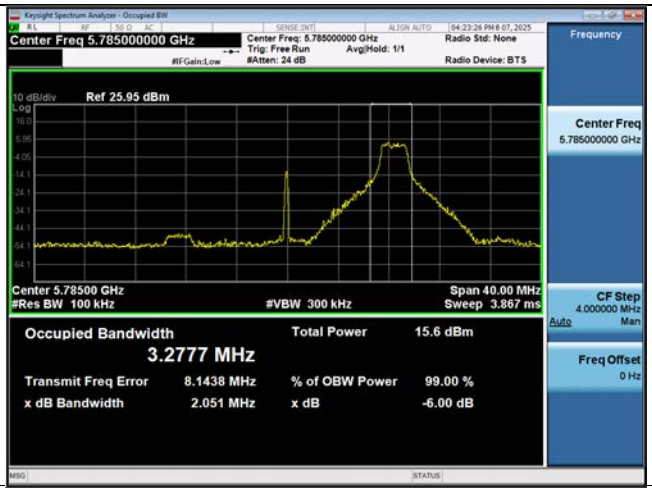
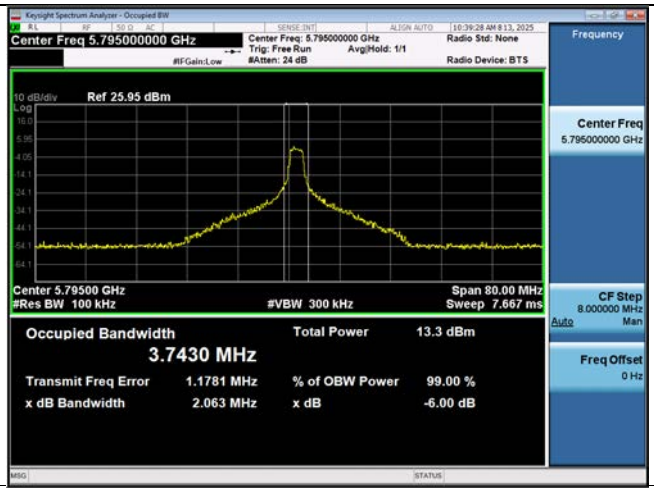
▣ Test Plots

[Ant.1]

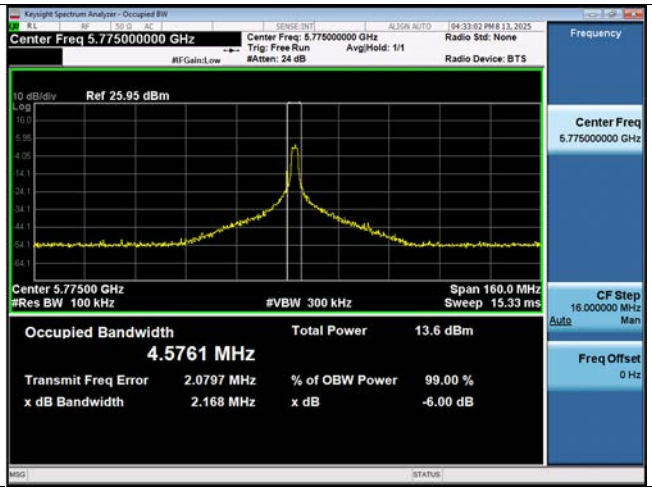
Bandwidth 20M Ch.157(5785 MHz) 26Tones RU 8



Bandwidth 40M Ch.159(5795 MHz) 26 Tones RU 9



Bandwidth 80M Ch.155(5775 MHz) 26 Tones RU 19



Note: In order to simplify the report, attached plots were only the narrowest channel.

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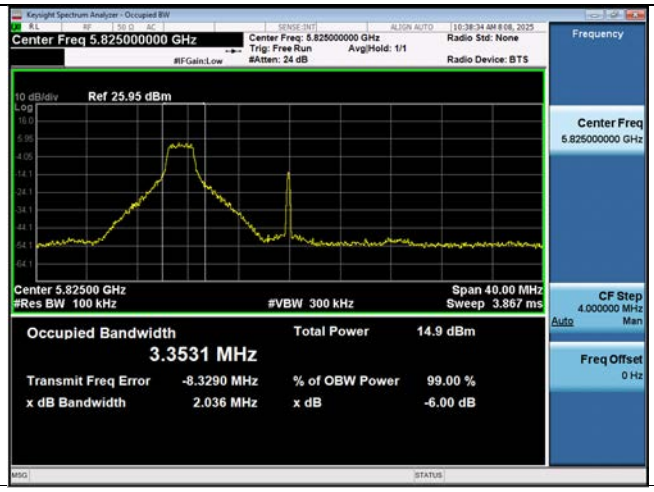
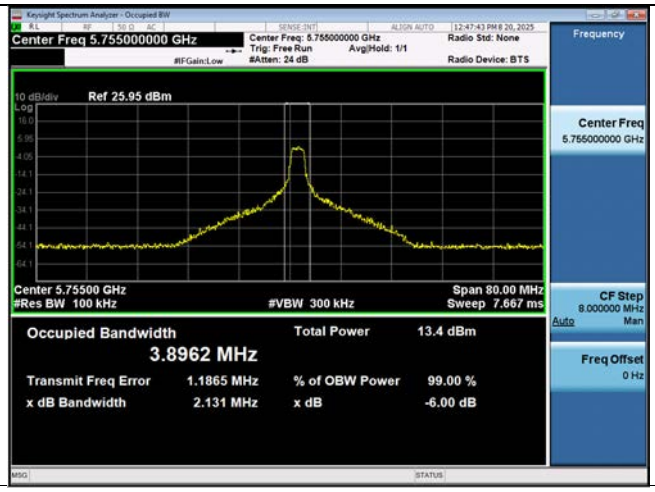
[Ant.2]

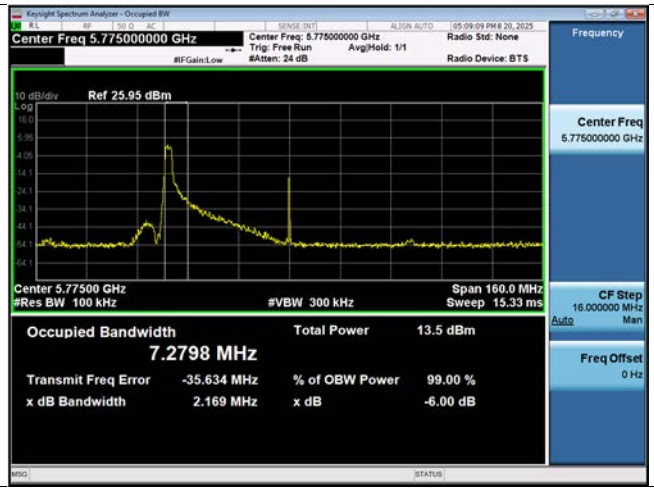
Bandwidth 20M Ch.165(5825 MHz) 26Tones RU 0



Bandwidth 40M Ch.151(5755 MHz) 26 Tones RU 9



Bandwidth 80M Ch.155(5775 MHz) 26 Tones RU 0



Note: In order to simplify the report, attached plots were only the narrowest channel.

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10.4 OUTPUT POWER MEASUREMENT

Straddle channel data in the table below are for reporting purposes only.
Straddle channel data were added in section 10.6.3.

Ant Total Power [dBm] = Measured Power [dBm] + Duty Cycle Factor [dB]
MIMO Total Power [dBm] = Ant.1 Total Power [dBm] + Ant.2 Total Power [dB]

Limit
(UNII 1) : 23.98 dBm
(UNII 2A, 2C) : 23.98 dBm or 11 dBm + 10 log B, (where B is the 26 dB emission bandwidth in megahertz.)
(UNII 3) : 30.00 dBm

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10.4.1 MIMO_CDD(Ant.1+ Ant.2)

Mode : HE20 26T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5180	36	2.21	2.12	5.18	2.56	2.33	5.46	2.72	2.36	5.55	23.98
	5200	40	2.47	2.25	5.37	2.71	2.53	5.63	2.80	2.60	5.71	23.98
	5240	48	2.81	2.53	5.68	3.12	2.82	5.98	3.27	2.84	6.07	23.98
UNII2A	5260	52	8.33	8.23	11.29	8.65	8.36	11.52	8.72	8.40	11.57	18.77
	5300	60	8.76	8.42	11.60	8.81	8.60	11.72	8.88	8.63	11.77	18.80
	5320	64	8.51	8.06	11.30	8.72	8.32	11.53	8.80	8.38	11.61	18.93
UNII2C	5500	100	7.29	7.20	10.26	7.64	7.57	10.62	7.70	7.85	10.79	18.63
	5600	120	7.02	7.04	10.04	7.26	7.12	10.20	7.09	7.15	10.13	18.86
	5720	144	7.42	7.37	10.41	7.64	7.58	10.62	7.68	7.60	10.65	19.11
UNII3	5745	149	7.58	7.14	10.38	7.72	7.39	10.57	7.75	7.43	10.60	30.00
	5785	157	7.53	7.01	10.29	7.60	7.24	10.43	7.66	7.26	10.47	30.00
	5825	165	8.03	7.61	10.84	8.41	7.85	11.15	8.35	7.90	11.14	30.00

Mode : HE20 52T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5180	36	5.41	5.23	8.33	5.68	5.46	8.58	5.82	5.57	8.71	23.98
	5200	40	5.42	5.36	8.40	5.64	5.71	8.69	5.74	5.92	8.84	23.98
	5240	48	5.61	5.54	8.59	5.69	5.71	8.71	6.02	6.23	9.14	23.98
UNII2A	5260	52	8.40	8.17	11.30	8.61	8.46	11.55	8.75	8.50	11.64	19.91
	5300	60	8.71	8.43	11.58	8.98	8.64	11.82	9.05	8.70	11.89	19.82
	5320	64	8.81	8.56	11.70	8.97	8.72	11.86	9.05	8.75	11.91	20.01
UNII2C	5500	100	7.65	7.98	10.83	7.92	8.10	11.02	7.96	8.18	11.08	20.12
	5600	120	7.02	7.10	10.07	7.33	7.18	10.27	7.40	7.22	10.32	19.72
	5720	144	7.75	7.57	10.67	7.81	7.76	10.80	7.85	7.82	10.85	20.09
UNII3	5745	149	7.63	7.42	10.54	7.70	7.51	10.62	7.71	7.53	10.63	30.00
	5785	157	7.72	7.45	10.60	7.80	7.56	10.69	7.76	7.59	10.69	30.00
	5825	165	8.20	7.99	11.11	8.31	8.02	11.18	8.43	8.15	11.30	30.00

Mode : HE20 106T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5180	36	8.01	7.98	11.01	-	-	-	8.40	8.16	11.29	23.98
	5200	40	8.23	8.26	11.26	-	-	-	8.62	8.38	11.51	23.98
	5240	48	8.52	8.40	11.47	-	-	-	9.15	8.86	12.02	23.98
UNII2A	5260	52	8.62	8.51	11.58	-	-	-	9.07	8.76	11.93	21.76
	5300	60	8.93	8.63	11.79	-	-	-	9.10	8.79	11.96	21.67
	5320	64	8.95	8.64	11.81	-	-	-	9.14	8.81	11.99	21.79
UNII2C	5500	100	7.74	8.12	10.94	-	-	-	7.96	8.15	11.07	21.74
	5600	120	7.26	7.18	10.23	-	-	-	7.32	7.20	10.27	21.69
	5720	144	7.71	7.58	10.66	-	-	-	7.98	7.76	10.88	21.67
UNII3	5745	149	7.65	7.49	10.58	-	-	-	7.91	7.65	10.79	30.00
	5785	157	7.83	7.50	10.68	-	-	-	8.00	7.67	10.85	30.00
	5825	165	8.31	7.92	11.13	-	-	-	8.50	8.23	11.38	30.00

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Mode : HE20 242T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5180	36	-	-	-	10.33	10.27	13.31	-	-	-	23.98
	5200	40	-	-	-	10.66	10.54	13.61	-	-	-	23.98
	5240	48	-	-	-	10.77	10.61	13.70	-	-	-	23.98
UNII2A	5260	52	-	-	-	10.82	10.72	13.78	-	-	-	23.98
	5300	60	-	-	-	11.03	10.88	13.97	-	-	-	23.98
	5320	64	-	-	-	10.90	10.82	13.87	-	-	-	23.98
UNII2C	5500	100	-	-	-	10.96	10.93	13.96	-	-	-	23.98
	5600	120	-	-	-	10.83	10.85	13.85	-	-	-	23.98
	5720	144	-	-	-	10.93	11.02	13.99	-	-	-	23.98
UNII3	5745	149	-	-	-	10.85	10.95	13.91	-	-	-	30.00
	5785	157	-	-	-	10.92	11.00	13.97	-	-	-	30.00
	5825	165	-	-	-	11.42	11.30	14.37	-	-	-	30.00

Mode : HE20 SU

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5180	36	-	-	-	10.35	10.25	13.31	-	-	-	23.98
	5200	40	-	-	-	10.76	10.62	13.70	-	-	-	23.98
	5240	48	-	-	-	10.82	10.80	13.82	-	-	-	23.98
UNII2A	5260	52	-	-	-	10.83	10.75	13.80	-	-	-	23.98
	5300	60	-	-	-	11.00	10.93	13.98	-	-	-	23.98
	5320	64	-	-	-	10.97	10.94	13.97	-	-	-	23.98
UNII2C	5500	100	-	-	-	10.88	11.03	13.97	-	-	-	23.98
	5600	120	-	-	-	10.85	10.83	13.85	-	-	-	23.98
	5720	144	-	-	-	11.03	11.10	14.08	-	-	-	23.98
UNII3	5745	149	-	-	-	10.98	11.00	14.00	-	-	-	30.00
	5785	157	-	-	-	11.03	11.02	14.04	-	-	-	30.00
	5825	165	-	-	-	11.45	11.41	14.44	-	-	-	30.00

Mode : HE40 26T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5190	38	2.03	2.30	5.18	2.54	3.31	5.95	2.49	3.16	5.85	23.98
	5230	46	2.45	3.21	5.86	2.97	3.62	6.32	2.99	3.55	6.29	23.98
UNII2A	5270	54	4.73	5.30	8.03	5.12	5.63	8.39	5.02	5.65	8.36	18.83
	5310	62	4.90	5.35	8.14	5.16	5.66	8.43	5.01	5.70	8.38	19.20
UNII2C	5510	102	5.82	5.05	8.46	6.02	5.12	8.60	5.73	5.15	8.46	20.14
	5590	118	4.83	4.83	7.84	5.24	5.08	8.17	4.95	4.89	7.93	20.11
	5710	142	4.84	5.53	8.21	5.02	5.72	8.39	5.00	5.54	8.29	20.00
UNII3	5755	151	4.82	5.32	8.09	5.08	5.45	8.28	5.04	5.34	8.20	30.00
	5795	159	4.99	5.12	8.07	5.16	5.40	8.29	5.10	5.43	8.28	30.00

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Mode : HE40 52T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5190	38	4.33	4.71	7.53	4.86	5.20	8.04	4.74	5.02	7.89	23.98
	5230	46	4.75	5.18	7.98	5.12	5.32	8.23	5.05	5.26	8.17	23.98
UNII2A	5270	54	4.88	5.32	8.12	5.25	5.85	8.57	5.21	5.71	8.48	22.13
	5310	62	5.09	5.58	8.35	5.45	5.80	8.64	5.33	5.65	8.50	22.09
UNII2C	5510	102	5.53	5.01	8.29	6.12	5.32	8.75	5.89	5.23	8.58	21.53
	5590	118	5.12	5.02	8.08	5.46	5.21	8.35	5.34	4.83	8.10	21.99
	5710	142	5.05	5.35	8.21	5.43	5.62	8.54	5.20	5.60	8.41	22.30
UNII3	5755	151	4.82	5.13	7.99	5.23	5.51	8.38	5.03	5.23	8.14	30.00
	5795	159	5.06	5.23	8.16	5.41	5.55	8.49	5.30	5.41	8.37	30.00

Mode : HE40 106T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5190	38	4.51	4.90	7.72	4.95	5.31	8.14	4.90	5.26	8.09	23.98
	5230	46	4.92	5.28	8.11	5.52	5.75	8.65	5.39	5.70	8.56	23.98
UNII2A	5270	54	5.16	5.75	8.48	5.58	6.12	8.87	5.42	6.01	8.74	23.24
	5310	62	5.41	5.93	8.69	5.86	6.11	9.00	5.78	6.08	8.94	23.35
UNII2C	5510	102	6.15	5.30	8.76	6.46	5.51	9.02	6.41	5.46	8.97	23.07
	5590	118	5.43	5.08	8.27	5.82	5.26	8.56	5.75	5.16	8.48	23.41
	5710	142	5.25	5.72	8.50	5.61	6.13	8.89	5.50	5.78	8.65	23.41
UNII3	5755	151	5.11	5.38	8.26	5.48	5.65	8.58	5.37	5.46	8.43	30.00
	5795	159	5.39	5.42	8.42	5.70	5.61	8.67	5.65	5.55	8.61	30.00

Mode : HE40 242T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5190	38	4.82	5.02	7.93	-	-	-	4.90	5.26	8.09	23.98
	5230	46	5.02	5.62	8.34	-	-	-	5.21	5.79	8.52	23.98
UNII2A	5270	54	5.35	5.91	8.65	-	-	-	5.41	6.06	8.76	23.98
	5310	62	5.52	6.16	8.86	-	-	-	5.60	6.20	8.92	23.98
UNII2C	5510	102	6.05	5.53	8.81	-	-	-	6.13	5.62	8.89	23.98
	5590	118	5.42	5.28	8.36	-	-	-	5.50	5.45	8.49	23.98
	5710	142	5.43	5.84	8.65	-	-	-	5.48	5.98	8.75	23.98
UNII3	5755	151	5.31	5.60	8.47	-	-	-	5.38	5.52	8.46	30.00
	5795	159	5.42	5.61	8.53	-	-	-	5.48	5.62	8.56	30.00

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Mode : HE40 484T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5190	38	-	-	-	10.43	10.34	13.40	-	-	-	23.98
	5230	46	-	-	-	10.81	10.59	13.71	-	-	-	23.98
UNII2A	5270	54	-	-	-	10.88	10.72	13.81	-	-	-	23.98
	5310	62	-	-	-	11.03	10.93	13.99	-	-	-	23.98
UNII2C	5510	102	-	-	-	11.08	10.85	13.98	-	-	-	23.98
	5590	118	-	-	-	11.01	10.80	13.92	-	-	-	23.98
	5710	142	-	-	-	11.10	11.08	14.10	-	-	-	23.98
UNII3	5755	151	-	-	-	10.82	10.99	13.92	-	-	-	30.00
	5795	159	-	-	-	10.86	11.01	13.95	-	-	-	30.00

Mode : HE40 SU												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5190	38	-	-	-	10.36	10.25	13.32	-	-	-	23.98
	5230	46	-	-	-	10.62	10.43	13.54	-	-	-	23.98
UNII2A	5270	54	-	-	-	10.75	10.65	13.71	-	-	-	23.98
	5310	62	-	-	-	10.81	10.67	13.75	-	-	-	23.98
UNII2C	5510	102	-	-	-	10.88	10.91	13.91	-	-	-	23.98
	5590	118	-	-	-	10.85	10.82	13.85	-	-	-	23.98
	5710	142	-	-	-	10.98	11.03	14.02	-	-	-	23.98
UNII3	5755	151	-	-	-	10.65	10.97	13.82	-	-	-	30.00
	5795	159	-	-	-	10.68	10.86	13.78	-	-	-	30.00

Mode : HE80 26T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5210	42	2.52	2.68	5.61	3.11	3.07	6.10	3.16	3.22	6.20	23.98
UNII2A	5290	58	5.03	5.71	8.39	5.53	6.08	8.82	5.49	6.11	8.82	20.86
UNII2C	5530	106	5.34	4.85	8.11	5.70	5.11	8.43	5.92	5.25	8.61	20.46
	5610	122	5.02	4.79	7.92	5.28	4.98	8.14	5.31	5.01	8.17	20.77
	5690	138	4.88	5.23	8.07	5.03	5.48	8.27	4.89	5.46	8.19	20.67
UNII3	5775	155	5.37	5.52	8.46	5.60	5.61	8.62	5.53	5.68	8.62	30.00

Mode : HE80 52T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5210	42	4.62	5.12	7.89	5.28	5.40	8.35	5.45	5.93	8.71	23.98
UNII2A	5290	58	5.45	5.86	8.67	5.79	6.15	8.98	5.68	6.29	9.01	21.67
UNII2C	5530	106	5.42	4.80	8.13	5.95	5.18	8.59	6.11	5.29	8.73	22.81
	5610	122	5.03	4.91	7.98	5.26	4.86	8.07	5.35	5.08	8.23	23.32
	5690	138	4.92	5.26	8.10	5.11	5.38	8.26	5.08	5.42	8.26	21.12
UNII3	5775	155	5.32	5.55	8.45	5.58	5.62	8.61	5.45	5.75	8.61	30.00

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Mode : HE80 106T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5210	42	4.78	5.00	7.90	5.31	5.41	8.37	5.42	5.79	8.62	23.98
UNII2A	5290	58	5.38	5.88	8.65	5.62	6.05	8.85	5.75	6.28	9.03	23.98
UNII2C	5530	106	5.51	4.93	8.24	5.82	5.13	8.50	6.02	5.26	8.67	23.98
	5610	122	5.12	4.86	8.00	5.31	5.01	8.17	5.40	4.97	8.20	23.98
	5690	138	4.85	5.28	8.08	5.12	5.41	8.28	5.16	5.45	8.32	23.98
UNII3	5775	155	5.45	5.63	8.55	5.50	5.59	8.56	5.71	5.66	8.70	30.00

Mode : HE80 242T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5210	42	4.91	4.86	7.90	5.36	5.38	8.38	5.45	5.31	8.39	23.98
UNII2A	5290	58	5.48	5.61	8.56	5.80	5.88	8.85	5.78	5.94	8.87	23.98
UNII2C	5530	106	5.61	4.61	8.15	6.14	4.98	8.61	6.15	5.02	8.63	23.98
	5610	122	5.22	4.62	7.94	5.38	4.70	8.06	5.40	4.61	8.03	23.98
	5690	138	4.96	5.11	8.05	5.26	5.30	8.29	5.25	5.21	8.24	23.98
UNII3	5775	155	5.60	5.32	8.47	5.83	5.48	8.67	5.80	5.33	8.58	30.00

Mode : HE80 484T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5210	42	5.08	5.10	8.10	-	-	-	5.42	5.42	8.43	23.98
UNII2A	5290	58	5.81	6.18	9.01	-	-	-	6.02	6.23	9.14	23.98
UNII2C	5530	106	6.35	4.91	8.70	-	-	-	6.37	5.12	8.80	23.98
	5610	122	5.72	4.93	8.35	-	-	-	5.73	4.95	8.37	23.98
	5690	138	5.50	5.55	8.54	-	-	-	5.41	5.42	8.43	23.98
UNII3	5775	155	5.91	5.52	8.73	-	-	-	5.83	5.55	8.70	30.00

Mode : HE80 996T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5210	42	-	-	-	10.64	10.50	13.58	-	-	-	23.98
UNII2A	5290	58	-	-	-	11.25	10.62	13.96	-	-	-	23.98
UNII2C	5530	106	-	-	-	11.16	10.96	14.07	-	-	-	23.98
	5610	122	-	-	-	11.27	10.78	14.04	-	-	-	23.98
	5690	138	-	-	-	10.87	10.91	13.90	-	-	-	23.98
UNII3	5775	155	-	-	-	10.90	10.92	13.92	-	-	-	30.00

Mode : HE80 SU

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm]
UNII1	5210	42	-	-	-	10.57	10.21	13.40	-	-	-	23.98
UNII2A	5290	58	-	-	-	11.12	10.40	13.79	-	-	-	23.98
UNII2C	5530	106	-	-	-	11.20	10.66	13.95	-	-	-	23.98
	5610	122	-	-	-	11.13	10.46	13.82	-	-	-	23.98
	5690	138	-	-	-	10.91	10.71	13.82	-	-	-	23.98
UNII3	5775	155	-	-	-	10.92	10.83	13.89	-	-	-	30.00

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10.5 POWER SPECTRAL DENSITY

Ant Total PSD [dBm] = Measured PSD [dBm/MHz] + Duty Cycle Factor [dB]

MIMO Total PSD [dBm/MHz] = Ant.1 Total PSD [dBm/MHz] + Ant.2 Total PSD [dBm/MHz]

Limit(UNII 1, 2A, 2C) : 11.0 dBm/MHz
  Limit(UNII 3) : 30.0 dBm/500 kHz

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10.5.1 MIMO_CDD(Ant.1+Ant.2)

Mode : HE20 26T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5180	36	-0.472	-0.645	2.453	-0.937	-1.552	1.777	0.090	-0.225	2.946	11.00
	5200	40	-0.096	-0.460	2.736	-0.792	-1.250	1.995	0.403	-0.148	3.147	11.00
	5240	48	0.548	-0.911	2.890	-0.374	-1.345	2.178	0.579	-0.197	3.219	11.00
UNII2A	5260	52	6.010	5.142	8.608	5.112	4.327	7.748	6.056	5.501	8.798	11.00
	5300	60	6.225	5.105	8.711	5.228	4.640	7.954	6.292	5.556	8.950	11.00
	5320	64	6.213	5.354	8.815	5.320	4.460	7.922	6.380	5.540	8.991	11.00
UNII2C	5500	100	5.097	4.896	8.008	4.001	4.091	7.057	5.100	5.044	8.082	11.00
	5600	120	4.338	4.058	7.211	3.565	2.932	6.270	4.592	3.929	7.283	11.00
	5720	144	4.800	4.514	7.670	3.980	3.369	6.696	5.094	4.571	7.851	11.00
UNII3	5745	149	2.435	1.495	5.001	2.067	1.472	4.790	2.429	1.579	5.035	30.00 dBm/500kHz
	5785	157	2.191	1.526	4.882	2.179	1.452	4.841	2.352	1.500	4.957	30.00 dBm/500kHz
	5825	165	2.817	1.931	5.407	2.839	1.790	5.356	2.991	2.094	5.576	30.00 dBm/500kHz

Mode : HE20 52T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5180	36	0.002	-0.516	2.761	0.330	-0.163	3.101	0.399	-0.074	3.179	11.00
	5200	40	0.341	-0.282	3.051	0.464	-0.082	3.210	0.428	0.088	3.272	11.00
	5240	48	0.762	-0.154	3.338	0.778	-0.009	3.413	1.339	0.715	4.048	11.00
UNII2A	5260	52	3.224	2.356	5.822	3.542	2.570	6.093	3.553	2.673	6.146	11.00
	5300	60	3.362	2.681	6.045	3.556	2.789	6.200	3.661	2.761	6.245	11.00
	5320	64	3.504	2.731	6.145	3.695	2.985	6.365	3.609	2.817	6.241	11.00
UNII2C	5500	100	2.192	2.069	5.141	2.438	2.431	5.445	2.534	2.293	5.425	11.00
	5600	120	1.812	1.050	4.458	1.951	1.263	4.631	2.058	1.320	4.715	11.00
	5720	144	2.206	1.728	4.984	2.393	1.883	5.156	2.445	1.983	5.230	11.00
UNII3	5745	149	-0.622	-1.259	2.081	-0.720	-1.203	2.056	-0.786	-1.170	2.037	30.00 dBm/500kHz
	5785	157	-0.802	-1.356	1.940	-0.712	-1.023	2.146	-0.700	-1.027	2.150	30.00 dBm/500kHz
	5825	165	-0.241	-0.669	2.561	-0.090	-0.575	2.685	0.017	-0.424	2.812	30.00 dBm/500kHz

Mode : HE20 106T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5180	36	-0.426	-0.826	2.389	-	-	-	-0.497	-0.414	2.555	11.00
	5200	40	-0.381	-0.611	2.516	-	-	-	0.002	-0.473	2.781	11.00
	5240	48	0.477	-0.125	3.197	-	-	-	0.832	0.278	3.574	11.00
UNII2A	5260	52	0.268	-0.434	2.941	-	-	-	0.245	-0.337	2.974	11.00
	5300	60	0.393	-0.248	3.095	-	-	-	0.624	-0.094	3.290	11.00
	5320	64	0.446	-0.099	3.192	-	-	-	0.581	0.038	3.328	11.00
UNII2C	5500	100	-0.866	-0.700	2.228	-	-	-	-0.698	-0.616	2.353	11.00
	5600	120	-1.315	-1.542	1.583	-	-	-	-1.118	-1.656	1.632	11.00
	5720	144	-0.860	-1.053	2.055	-	-	-	-0.767	-1.038	2.110	11.00
UNII3	5745	149	-3.476	-4.113	-0.773	-	-	-	-3.525	-4.008	-0.749	30.00 dBm/500kHz
	5785	157	-3.506	-4.140	-0.801	-	-	-	-3.351	-4.182	-0.736	30.00 dBm/500kHz
	5825	165	-2.894	-3.547	-0.198	-	-	-	-2.682	-3.579	-0.097	30.00 dBm/500kHz

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Mode : HE20 242T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5180	36	-	-	-	-0.873	-1.106	2.022	-	-	-	11.00
	5200	40	-	-	-	-0.427	-0.731	2.434	-	-	-	11.00
	5240	48	-	-	-	0.048	-0.322	2.877	-	-	-	11.00
UNII2A	5260	52	-	-	-	0.223	-0.345	2.959	-	-	-	11.00
	5300	60	-	-	-	0.087	-0.364	2.878	-	-	-	11.00
	5320	64	-	-	-	0.281	-0.504	2.917	-	-	-	11.00
UNII2C	5500	100	-	-	-	0.014	-0.440	2.803	-	-	-	11.00
	5600	120	-	-	-	0.121	-0.410	2.874	-	-	-	11.00
	5720	144	-	-	-	-0.060	-0.232	2.865	-	-	-	11.00
UNII3	5745	149	-	-	-	-2.519	-3.162	0.182	-	-	-	30.00 dBm/500kHz
	5785	157	-	-	-	-2.699	-3.038	0.145	-	-	-	30.00 dBm/500kHz
	5825	165	-	-	-	-2.127	-2.528	0.687	-	-	-	30.00 dBm/500kHz

Mode : HE20 SU												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5180	36	-	-	-	-0.744	-1.096	2.094	-	-	-	11.00
	5200	40	-	-	-	-0.374	-0.828	2.415	-	-	-	11.00
	5240	48	-	-	-	0.257	-0.035	3.124	-	-	-	11.00
UNII2A	5260	52	-	-	-	-0.002	-0.490	2.771	-	-	-	11.00
	5300	60	-	-	-	0.168	-0.377	2.914	-	-	-	11.00
	5320	64	-	-	-	0.105	-0.296	2.919	-	-	-	11.00
UNII2C	5500	100	-	-	-	-0.015	-0.286	2.862	-	-	-	11.00
	5600	120	-	-	-	0.148	-0.361	2.911	-	-	-	11.00
	5720	144	-	-	-	0.059	-0.249	2.918	-	-	-	11.00
UNII3	5745	149	-	-	-	-2.462	-3.055	0.262	-	-	-	30.00 dBm/500kHz
	5785	157	-	-	-	-2.613	-3.275	0.079	-	-	-	30.00 dBm/500kHz
	5825	165	-	-	-	-2.285	-2.483	0.627	-	-	-	30.00 dBm/500kHz

Mode : HE40 26T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5190	38	-0.661	-1.145	2.114	-0.177	0.018	2.932	-0.095	0.111	3.020	11.00
	5230	46	-0.355	-0.204	2.731	0.113	0.563	3.354	0.314	0.392	3.363	11.00
UNII2A	5270	54	2.159	2.607	5.399	2.283	2.745	5.530	2.308	2.826	5.585	11.00
	5310	62	2.245	2.414	5.341	2.380	2.955	5.687	2.355	2.753	5.569	11.00
UNII2C	5510	102	3.046	2.284	5.692	3.390	2.320	5.898	2.885	2.282	5.604	11.00
	5590	118	2.335	2.136	5.247	2.488	2.229	5.371	2.310	1.995	5.166	11.00
	5710	142	2.246	2.696	5.487	2.519	2.878	5.713	2.282	2.613	5.461	11.00
UNII3	5755	151	-0.506	-0.550	2.482	-0.327	0.118	2.911	-0.262	-0.293	2.733	30.00 dBm/500kHz
	5795	159	-0.593	-0.318	2.557	-0.146	-0.115	2.880	-0.216	-0.117	2.844	30.00 dBm/500kHz

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Mode : HE40 52T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5190	38	-1.407	-0.946	1.840	-0.855	-0.241	2.473	-0.790	-0.789	2.221	11.00
	5230	46	-0.695	-0.663	2.331	-0.178	-0.157	2.843	-0.468	-0.464	2.544	11.00
UNII2A	5270	54	-0.643	-0.393	2.494	-0.152	-0.084	2.892	-0.395	-0.016	2.809	11.00
	5310	62	-0.385	-0.261	2.688	-0.040	0.260	3.123	-0.324	0.016	2.860	11.00
UNII2C	5510	102	0.008	-0.857	2.607	0.839	-0.289	3.322	0.566	-0.433	3.105	11.00
	5590	118	-0.312	-0.921	2.404	-0.083	-0.526	2.711	-0.276	-0.919	2.425	11.00
	5710	142	-0.408	-0.352	2.630	-0.032	0.025	3.007	-0.221	-0.534	2.636	11.00
UNII3	5755	151	-3.320	-3.686	-0.489	-3.113	-3.260	-0.176	-3.190	-3.614	-0.387	30.00 dBm/500kHz
	5795	159	-3.335	-3.598	-0.454	-2.975	-3.115	-0.034	-3.218	-3.306	-0.251	30.00 dBm/500kHz

Mode : HE40 106T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5190	38	-4.289	-3.922	-1.091	-3.655	-3.405	-0.518	-3.744	-3.899	-0.811	11.00
	5230	46	-3.490	-4.006	-0.730	-3.216	-3.563	-0.376	-3.353	-3.367	-0.350	11.00
UNII2A	5270	54	-3.482	-3.383	-0.422	-3.110	-3.169	-0.129	-3.122	-3.392	-0.245	11.00
	5310	62	-3.148	-3.268	-0.197	-2.846	-3.190	-0.004	-3.080	-3.271	-0.164	11.00
UNII2C	5510	102	-2.827	-3.791	-0.272	-2.353	-3.659	0.053	-2.463	-3.559	0.034	11.00
	5590	118	-2.974	-3.894	-0.399	-2.929	-3.947	-0.398	-3.074	-4.016	-0.509	11.00
	5710	142	-3.269	-3.384	-0.316	-3.045	-3.133	-0.078	-3.259	-3.184	-0.211	11.00
UNII3	5755	151	-6.254	-6.538	-3.383	-6.013	-6.310	-3.149	-6.121	-6.317	-3.208	30.00 dBm/500kHz
	5795	159	-6.066	-6.429	-3.233	-5.865	-6.164	-3.002	-5.942	-6.191	-3.054	30.00 dBm/500kHz

Mode : HE40 242T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5190	38	-7.065	-7.168	-4.106	-	-	-	-7.296	-7.203	-4.239	11.00
	5230	46	-6.644	-6.885	-3.753	-	-	-	-6.590	-6.796	-3.681	11.00
UNII2A	5270	54	-6.499	-6.490	-3.484	-	-	-	-6.624	-6.414	-3.507	11.00
	5310	62	-6.063	-6.360	-3.199	-	-	-	-6.436	-6.250	-3.332	11.00
UNII2C	5510	102	-5.816	-7.055	-3.381	-	-	-	-5.566	-6.951	-3.193	11.00
	5590	118	-6.437	-7.294	-3.834	-	-	-	-6.382	-7.361	-3.834	11.00
	5710	142	-6.466	-6.550	-3.497	-	-	-	-6.533	-6.535	-3.524	11.00
UNII3	5755	151	-9.518	-9.676	-6.586	-	-	-	-9.608	-9.577	-6.582	30.00 dBm/500kHz
	5795	159	-9.447	-9.664	-6.544	-	-	-	-9.463	-9.612	-6.527	30.00 dBm/500kHz

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Mode : HE40 484T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5190	38	-	-	-	-2.867	-3.250	-0.044	-	-	-	11.00
	5230	46	-	-	-	-2.096	-3.122	0.432	-	-	-	11.00
UNII2A	5270	54	-	-	-	-2.099	-2.862	0.547	-	-	-	11.00
	5310	62	-	-	-	-1.795	-2.673	0.798	-	-	-	11.00
UNII2C	5510	102	-	-	-	-2.057	-2.635	0.674	-	-	-	11.00
	5590	118	-	-	-	-2.075	-2.842	0.569	-	-	-	11.00
	5710	142	-	-	-	-1.972	-2.414	0.823	-	-	-	11.00
UNII3	5755	151	-	-	-	-4.857	-5.203	-2.016	-	-	-	30.00 dBm/500kHz
	5795	159	-	-	-	-5.022	-5.397	-2.195	-	-	-	30.00 dBm/500kHz

Mode : HE40 SU												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5190	38	-	-	-	-3.014	-3.523	-0.251	-	-	-	11.00
	5230	46	-	-	-	-2.600	-3.189	0.126	-	-	-	11.00
UNII2A	5270	54	-	-	-	-2.297	-2.856	0.443	-	-	-	11.00
	5310	62	-	-	-	-2.051	-2.911	0.551	-	-	-	11.00
UNII2C	5510	102	-	-	-	-2.257	-2.846	0.469	-	-	-	11.00
	5590	118	-	-	-	-2.223	-3.049	0.394	-	-	-	11.00
	5710	142	-	-	-	-2.123	-2.577	0.666	-	-	-	11.00
UNII3	5755	151	-	-	-	-5.146	-5.491	-2.305	-	-	-	30.00 dBm/500kHz
	5795	159	-	-	-	-5.064	-5.488	-2.261	-	-	-	30.00 dBm/500kHz

Mode : HE80 26T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5210	42	-0.375	-0.127	2.761	0.255	0.262	3.269	0.460	0.775	3.631	11.00
UNII2A	5290	58	2.338	2.704	5.535	2.874	3.093	5.995	2.830	3.302	6.083	11.00
UNII2C	5530	106	2.514	1.792	5.178	3.270	2.193	5.775	3.101	2.214	5.690	11.00
	5610	122	2.214	1.870	5.056	2.353	1.800	5.096	2.552	1.742	5.176	11.00
	5690	138	1.819	2.113	4.979	2.126	2.600	5.380	2.223	2.480	5.364	11.00
UNII3	5775	155	-0.151	-0.288	2.791	-0.184	-0.254	2.791	-0.042	-0.037	2.971	30.00 dBm/500kHz

Mode : HE80 52T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5210	42	-1.316	-0.901	1.907	-0.867	-0.213	2.483	-0.585	-0.066	2.693	11.00
UNII2A	5290	58	-0.681	-0.065	2.648	-0.542	0.145	2.825	-0.465	0.319	2.955	11.00
UNII2C	5530	106	-0.482	-0.960	2.296	-0.145	-0.741	2.578	-0.059	-0.671	2.656	11.00
	5610	122	-0.942	-1.253	1.916	-0.738	-0.881	2.201	-0.582	-0.686	2.377	11.00
	5690	138	-1.101	-0.207	2.379	-0.849	-0.312	2.438	-0.837	-0.125	2.544	11.00
UNII3	5775	155	-3.309	-2.740	-0.005	-3.385	-3.033	-0.195	-2.971	-2.891	0.079	30.00 dBm/500kHz

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Mode : HE80 106T											
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]								Limit
			RU Index : Low			RU Index : Mid			RU Index : High		
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5210	42	-4.579	-3.411	-0.946	-4.270	-3.061	-0.613	-3.935	-2.929	-0.393	11.00
UNII2A	5290	58	-3.948	-2.635	-0.232	-3.771	-2.624	-0.149	-3.782	-2.426	-0.041	11.00
UNII2C	5530	106	-3.666	-3.551	-0.598	-3.594	-3.603	-0.588	-3.492	-3.282	-0.375	11.00
	5610	122	-4.374	-3.750	-1.041	-4.023	-3.855	-0.928	-3.832	-3.697	-0.754	11.00
	5690	138	-4.128	-3.327	-0.699	-4.011	-3.221	-0.588	-4.194	-3.131	-0.620	11.00
UNII3	5775	155	-6.449	-5.902	-3.157	-6.546	-6.070	-3.291	-6.545	-5.963	-3.234	30.00 dBm/500kHz

Mode : HE80 242T											
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]								Limit
			RU Index : Low			RU Index : Mid			RU Index : High		
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5210	42	-7.850	-6.979	-4.382	-7.533	-6.542	-3.999	-7.243	-6.339	-3.757	11.00
UNII2A	5290	58	-7.269	-6.191	-3.686	-6.967	-5.820	-3.345	-7.079	-6.003	-3.497	11.00
UNII2C	5530	106	-7.126	-7.333	-4.218	-6.529	-6.838	-3.670	-6.749	-7.000	-3.862	11.00
	5610	122	-7.539	-7.350	-4.433	-7.437	-7.134	-4.273	-7.348	-7.280	-4.304	11.00
	5690	138	-7.718	-6.902	-4.281	-7.220	-6.606	-3.892	-7.385	-6.738	-4.039	11.00
UNII3	5775	155	-9.818	-9.439	-6.614	-9.740	-9.275	-6.491	-9.818	-9.500	-6.646	30.00 dBm/500kHz

Mode : HE80 484T											
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]								Limit
			RU Index : Low			RU Index : Mid			RU Index : High		
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5210	42	-10.484	-9.449	-6.925	-	-	-	-9.863	-9.366	-6.597	11.00
UNII2A	5290	58	-9.750	-8.820	-6.250	-	-	-	-9.460	-8.819	-6.117	11.00
UNII2C	5530	106	-9.463	-9.845	-6.640	-	-	-	-9.021	-9.629	-6.304	11.00
	5610	122	-10.132	-10.188	-7.150	-	-	-	-9.873	-10.011	-6.931	11.00
	5690	138	-10.366	-9.720	-7.021	-	-	-	-10.225	-9.625	-6.904	11.00
UNII3	5775	155	-12.811	-12.258	-9.515	-	-	-	-12.411	-12.409	-9.400	30.00 dBm/500kHz

Mode : HE80 996T											
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]								Limit
			RU Index : Low			RU Index : Mid			RU Index : High		
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5210	42	-	-	-	-5.461	-5.773	-2.604	-	-	-	11.00
UNII2A	5290	58	-	-	-	-4.855	-5.200	-2.014	-	-	-	11.00
UNII2C	5530	106	-	-	-	-4.887	-5.180	-2.021	-	-	-	11.00
	5610	122	-	-	-	-4.146	-5.057	-1.567	-	-	-	11.00
	5690	138	-	-	-	-4.709	-5.047	-1.864	-	-	-	11.00
UNII3	5775	155	-	-	-	-6.201	-8.285	-4.109	-	-	-	30.00 dBm/500kHz

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Mode : HE80 SU												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5210	42	-	-	-	-5.795	-5.945	-2.859	-	-	-	11.00
UNII2A	5290	58	-	-	-	-5.081	-5.453	-2.253	-	-	-	11.00
UNII2C	5530	106	-	-	-	-5.160	-5.349	-2.243	-	-	-	11.00
	5610	122	-	-	-	-4.348	-5.114	-1.704	-	-	-	11.00
	5690	138	-	-	-	-5.032	-5.031	-2.021	-	-	-	11.00
UNII3	5775	155	-	-	-	-7.786	-8.649	-5.186	-	-	-	30.00 dBm/500kHz

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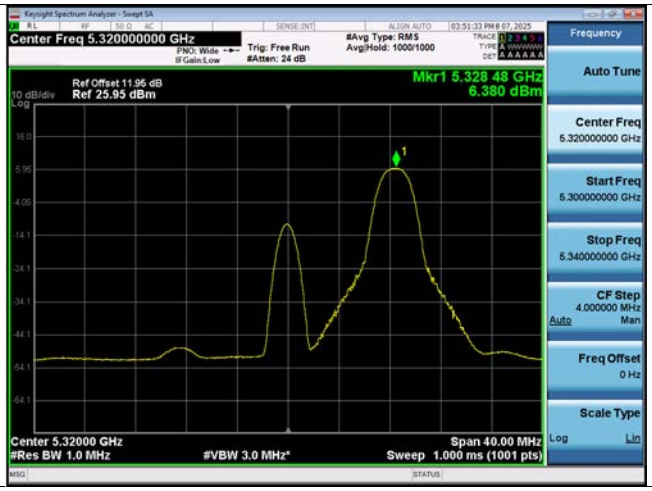
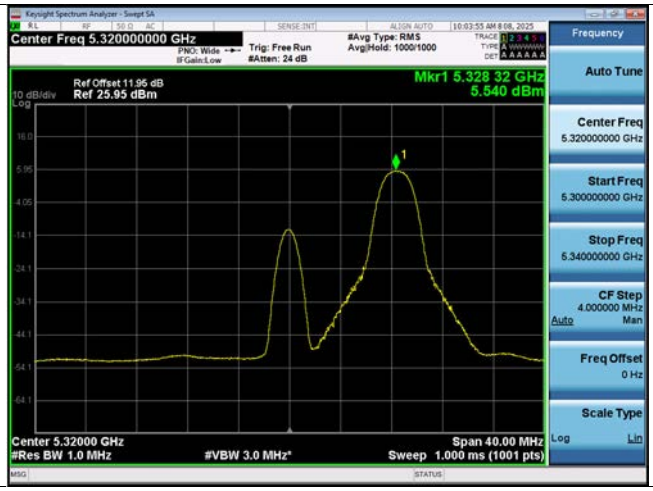
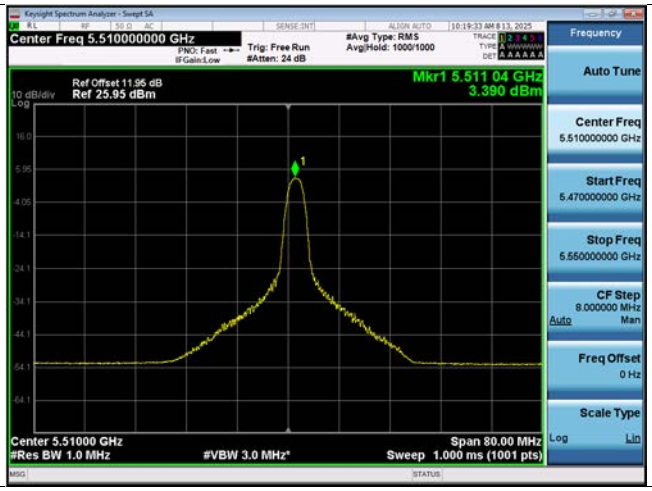
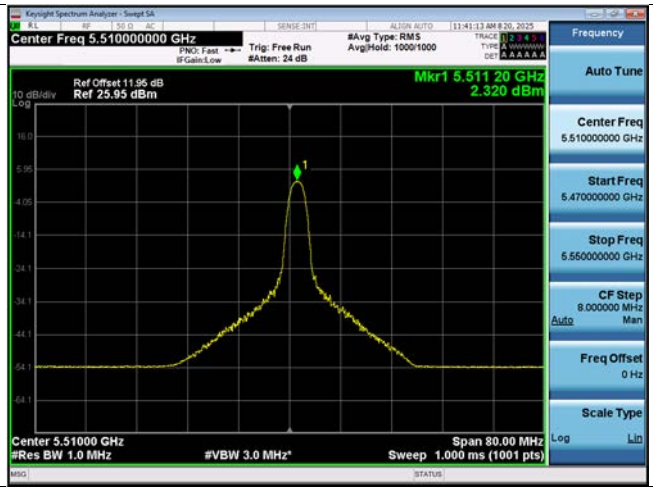
▣ Test Plots

[MIMO_CDD(Ant.1+Ant.2)]

Note: In order to simplify the report, attached plots were only channel of the highest PSD.

Ant.1	Ant.2
Bandwidth 20M Ch.64(5320 MHz) 26 Tone RU 8	
	
Bandwidth 40M Ch.102(5510 MHz) 26 Tone RU 9	
	

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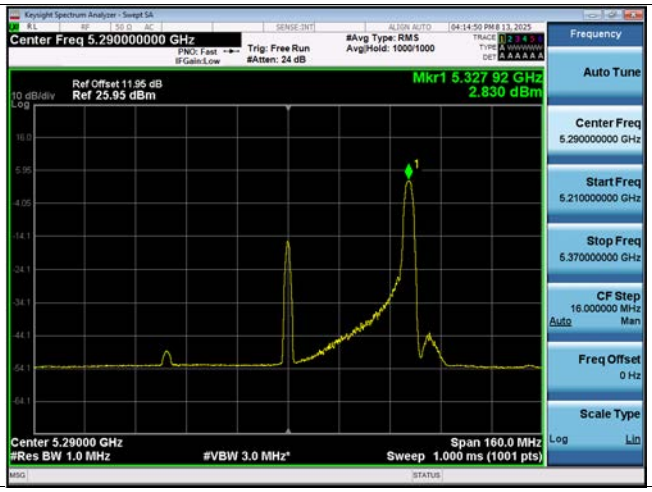
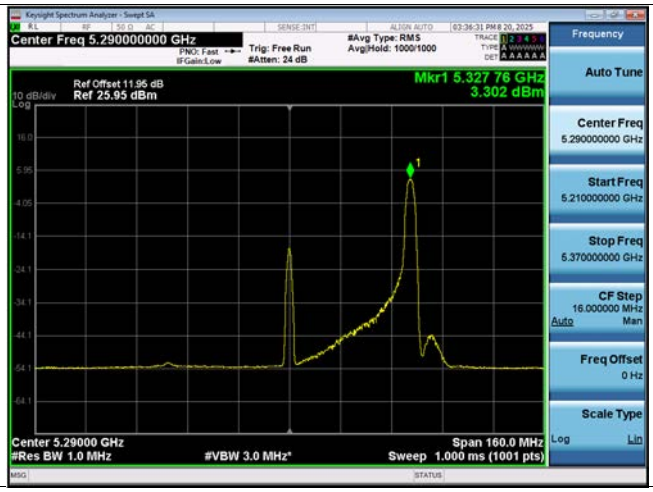
Ant.1	Ant.2
Bandwidth 80M Ch.58 (5290 MHz) 26 Tone RU 36	
	

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10.6 STRADDLE CHANNEL

Test Description	Note
26 dB Bandwidth	1. [UNII 2C] 26 dB Bandwidth = 5725 MHz - Measured Frequency[MHz] 2. [UNII 3] 26 dB Bandwidth = Measured Frequency[MHz] -5725 MHz
6 dB Bandwidth	1. 6 dB Bandwidth = Measured Frequency[MHz] – 5725 MHz 2. Limit : > 0.5 MHz
Output Power	1. Limit(UNII2C) : 23.98 dBm or 11 dBm + 10 log B, (where B is the 26 dB emission bandwidth in megahertz.) 2. Limit(UNII 3) : 30.00 dBm 3. Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
Power Spectral Density	1. Limit(UNII 2C) : 11.0 dBm/MHz 2. Limit(UNII 3) : 30.0 dBm/500 kHz 3. Total PSD (dBm/MHz) = Measured Value (dBm/MHz) + Duty Cycle Factor (dB)

Note:
(1) : 6dB bandwidth is only located in UNII 2C. Therefore 6dB bandwidth do not overlap.
(2) : 26dB bandwidth is only located in UNII 2C. Therefore 26dB bandwidth do not overlap.

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10.6.1 Ant.1

Mode : HE20									
Freq.[MHz]	CH.	Tone	RUIndex	26dB BW[MHz]		6dB BW[MHz]	Total Power[dBm]		Total PSD[dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5720	144	26T	(1) 0	16.28	-4.88	-	7.53	-92.35	4.885	-52.144
			(1) 4	8.32	-1.88	-	7.78	-74.50	4.144	-42.222
			7	5.24	4.24	2.44	-7.72	7.19	-3.203	2.184
			8	5.28	6.20	4.52	-13.78	7.74	-12.154	2.346
		52T	(1) 37	16.28	-4.84	-	7.82	-91.76	2.550	-52.706
			(1) 38	12.32	-4.60	-	8.00	-83.10	2.560	-52.131
			39	5.72	2.24	-	7.18	-3.22	2.000	-1.630
			40	5.28	6.28	4.48	-9.03	7.95	-5.674	-0.231
		106T	(1) 53	16.44	-4.52	-	8.02	-85.77	-0.487	-52.642
			54	5.68	6.36	4.56	4.77	5.35	-0.261	-3.186
		242T	61	16.20	5.92	4.52	10.26	4.26	0.027	-4.052
		SU	-	16.16	5.80	4.52	10.42	4.46	0.305	-3.797

Mode : HE40									
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		6dB BW [MHz]	Total Power [dBm]		Total PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5710	142	26T	(1)(2) 0	-	-	-	-	-	-	-
			(1) 9	19.32	-8.44	-	5.31	-80.99	2.579	-48.685
			16	15.32	4.20	2.04	-4.02	4.41	-0.279	-0.367
			17	15.40	4.84	4.04	-14.94	5.04	-14.298	-0.202
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1) 41	20.04	-6.60	-	5.62	-80.32	0.093	-46.326
			43	15.48	3.80	-	5.05	-12.65	-0.370	-16.146
			44	15.48	4.92	4.04	-6.11	5.05	-2.969	-2.906
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 54	-	-	-	-	-	-	-
			55	20.28	-1.24	-	5.30	-80.89	-3.215	-43.016
			56	15.56	4.92	4.04	2.72	2.05	-3.159	-6.200
		242T	(1)(2) 61	-	-	-	-	-	-	-
			62	34.68	4.84	4.04	4.65	-1.31	-6.230	-9.533
		484T	65	34.92	4.76	3.64	11.14	-0.61	-1.818	-8.576
		SU	-	34.92	4.76	3.96	10.91	-0.76	-2.147	-8.582

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Mode : HE80										
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		6dB BW [MHz]	Total Power [dBm]		Total PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5690	138	26T	(1)(2) 0	-	-	-	-	-	-	-
			(1)(2) 19	-	-	-	-	-	-	-
			35	5.88	4.52	2.12	-4.58	4.05	-1.541	-0.819
			36	35.48	5.16	4.04	-14.11	4.93	-13.828	-0.641
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1)(2) 45	-	-	-	-	-	-	-
			51	35.64	3.56	-	4.69	-13.00	-0.869	-17.706
			52	35.64	5.32	4.04	-6.59	4.51	-4.595	-3.572
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 57	-	-	-	-	-	-	-
			59	35.80	1.64	-	4.85	-38.10	-3.606	-40.937
			60	35.80	5.32	4.04	1.80	1.24	-3.811	-6.945
		242T	(1)(2) 61	-	-	-	-	-	-	-
			(1)(2) 62	-	-	-	-	-	-	-
			63	41.56	-6.52	-	4.85	-86.15	-7.152	-49.816
			64	35.96	5.32	4.20	3.83	-2.00	-6.977	-10.259
		484T	(1)(2) 65	-	-	-	-	-	-	-
			66	75.00	5.16	4.20	4.59	-4.75	-9.925	-12.966
		996T	67	75.32	5.16	2.76	10.71	-4.48	-4.691	-12.565
		SU	-	75.16	5.00	2.76	10.51	-4.58	-5.030	-12.672

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10.6.2 Ant.2

Mode : HE20									
Freq.[MHz]	CH.	Tone	RUIndex	26dB BW[MHz]		6dB BW[MHz]	Total Power[dBm]		Total PSD[dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5720	144	26T	(1) 0	16.44	-4.88	-	7.27	-92.50	4.746	-53.020
			(1) 4	8.24	-2.16	-	7.15	-74.30	3.403	-44.664
			7	16.04	5.96	4.48	6.52	0.59	-3.737	-7.618
			8	5.24	6.04	4.48	-15.53	7.29	-13.672	1.916
		52T	(1) 37	16.12	-4.88	-	7.21	-90.89	1.720	-53.439
			(1) 38	12.48	-4.52	-	7.56	-83.75	2.066	-51.070
			39	5.60	2.24	-	7.43	-3.08	2.339	-1.103
			40	5.28	6.04	4.48	-9.75	7.52	-5.622	-0.716
		106T	(1) 53	16.56	-4.64	-	7.43	-85.54	-1.059	-52.763
			54	5.56	6.40	4.56	4.26	4.90	-0.829	-3.785
		242T	61	16.24	6.04	4.48	10.21	4.27	-0.111	-4.079
		SU	-	16.12	5.80	4.52	10.15	4.22	-0.078	-3.954

Mode : HE40									
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		6dB BW [MHz]	Total Power [dBm]		Total PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5710	142	26T	(1)(2) 0	-	-	-	-	-	-	-
			(1) 9	18.44	-9.24	-	5.56	-80.01	2.954	-49.160
			16	15.24	4.36	2.04	-3.43	5.06	0.025	0.301
			17	15.24	4.92	4.04	-17.97	5.44	-17.137	-0.037
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1) 41	19.48	-6.20	-	5.26	-80.96	0.174	-46.164
			43	15.40	3.80	-	5.81	-11.89	0.399	-15.912
			44	15.40	4.84	4.04	-6.60	4.93	-2.983	-3.025
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 54	-	-	-	-	-	-	-
			55	19.88	-1.64	-	5.72	-80.13	-2.857	-43.213
			56	15.48	4.92	4.04	2.74	2.13	-2.819	-6.089
		242T	(1)(2) 61	-	-	-	-	-	-	-
			62	34.60	4.84	4.12	4.66	-1.20	-6.189	-9.300
		484T	65	35.00	4.76	3.96	10.67	-0.91	-2.417	-8.606
		SU	-	34.92	4.76	3.72	10.53	-0.95	-2.416	-8.602

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Mode : HE80									
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		6dB BW [MHz]	Total Power [dBm]		Total PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5690	138	26T	(1)(2) 0	-	-	-	-	-	-	-
			(1)(2) 19	-	-	-	-	-	-	-
			35	6.04	4.52	2.12	-4.08	4.55	-1.248	-0.252
			36	5.56	5.32	4.04	-24.06	5.20	-17.014	-0.220
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1)(2) 45	-	-	-	-	-	-	-
			51	35.48	4.04	-	5.13	-12.53	-0.395	-17.310
			52	35.48	5.32	4.04	-6.27	5.20	-3.611	-2.857
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 57	-	-	-	-	-	-	-
			59	35.64	1.80	-	5.20	-37.38	-3.418	-40.774
			60	35.64	5.32	4.04	2.75	2.24	-3.026	-5.992
		242T	(1)(2) 61	-	-	-	-	-	-	-
			(1)(2) 62	-	-	-	-	-	-	-
			63	42.84	-5.88	-	5.10	-85.81	-6.920	-49.462
			64	35.80	5.32	4.20	4.42	-1.33	-6.602	-9.483
		484T	(1)(2) 65	-	-	-	-	-	-	-
			66	74.84	5.16	4.20	4.98	-4.23	-9.381	-12.606
		996T	67	75.32	5.00	4.04	10.86	-4.13	-4.964	-12.265
		SU	-	75.16	5.00	3.56	10.65	-4.75	-5.076	-12.402

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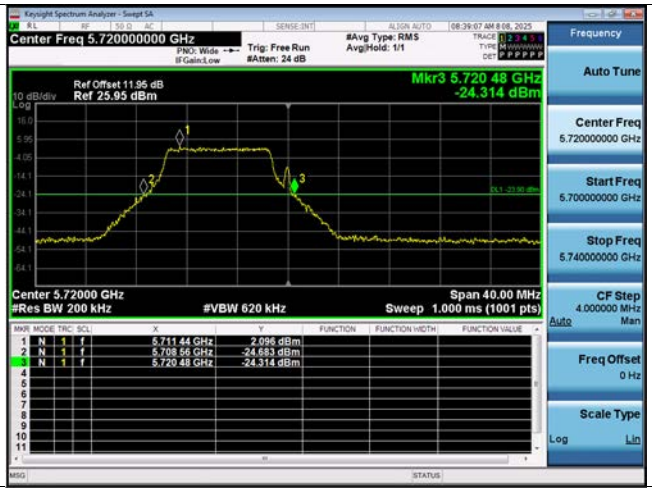
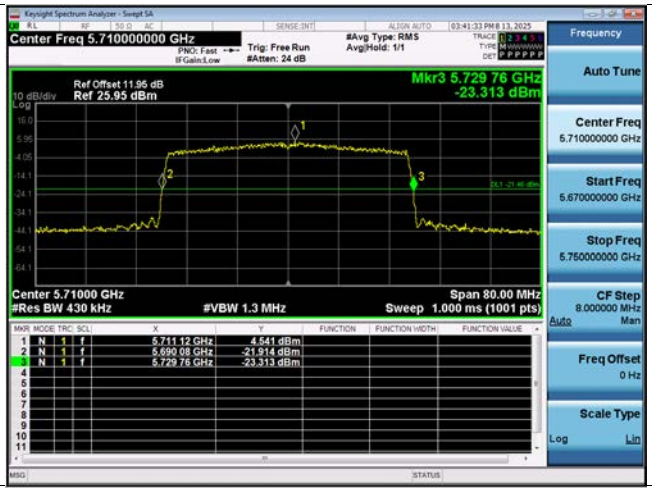
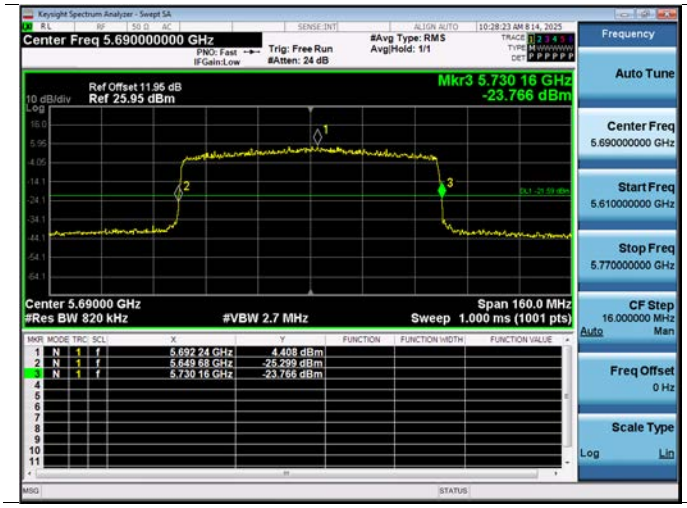
▣ Test Plots(26dB Bandwidth)

Note: In order to simplify the report, attached plots were only the widest channel.

[Ant.1]

UNII 2C	UNII 3
20M Ch.144(5720 MHz) 106 Tones RU 53	20M Ch.144(5720 MHz) 106 Tones RU 54
	
40M Ch.142(5710 MHz) SU	40M Ch.142(5710 MHz) 106 Tones RU 56
	
80M Ch.138(5690 MHz) 996 Tones RU 67	80M Ch.138(5690 MHz) 242 Tones RU 64
	

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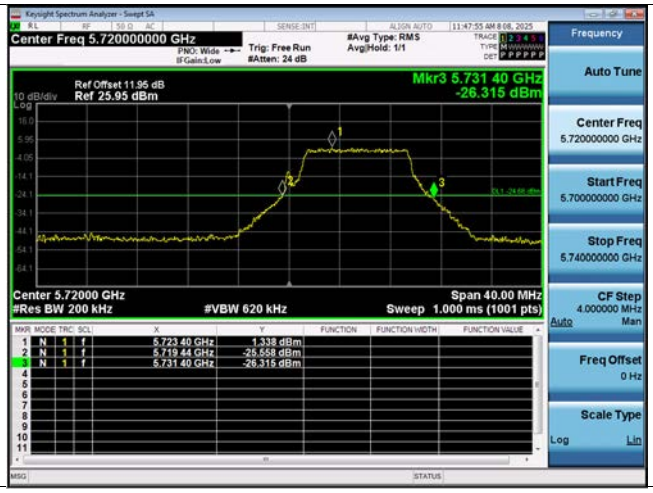
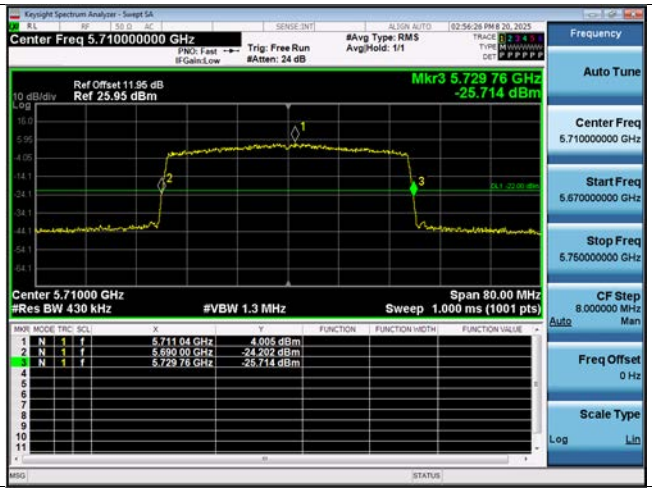
[Ant.2]

UNII 2C	UNII 3
20M Ch.144(5720 MHz) 106 Tones RU 53	20M Ch.144(5720 MHz) 106 Tones RU 54
	
40M Ch.142(5710 MHz) 484 Tones RU 65	40M Ch.142(5710 MHz) 106 Tones RU 56
	
80M Ch.138(5690 MHz) 996 Tones RU 67	80M Ch.138(5690 MHz) 242 Tones RU 64
	

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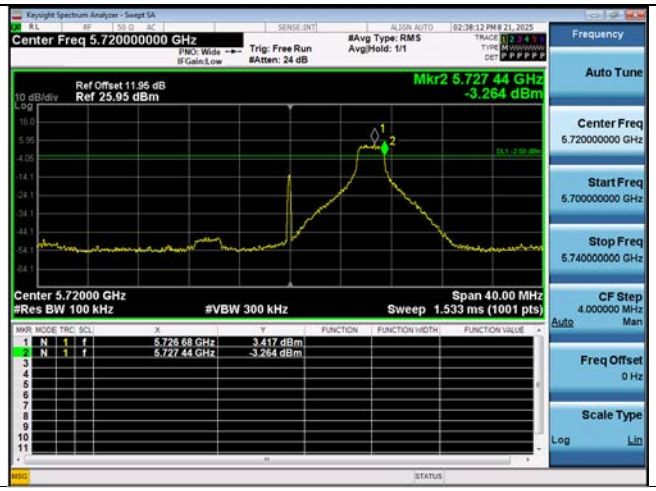
▣ Test Plots(6dB Bandwidth)

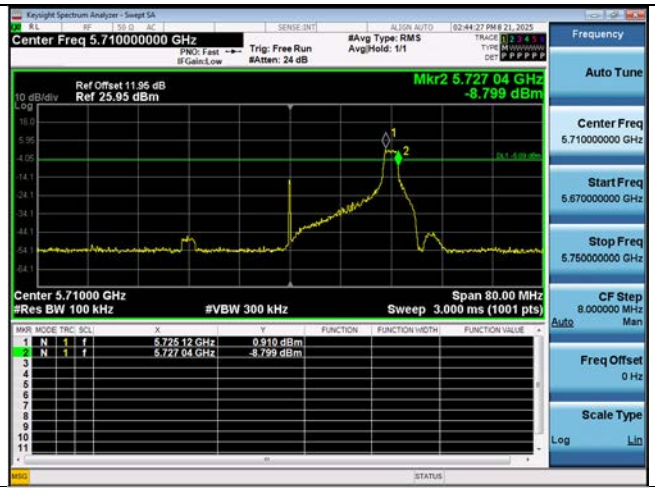
Note: In order to simplify the report, attached plots were only the narrowest channel.

[Ant.1]

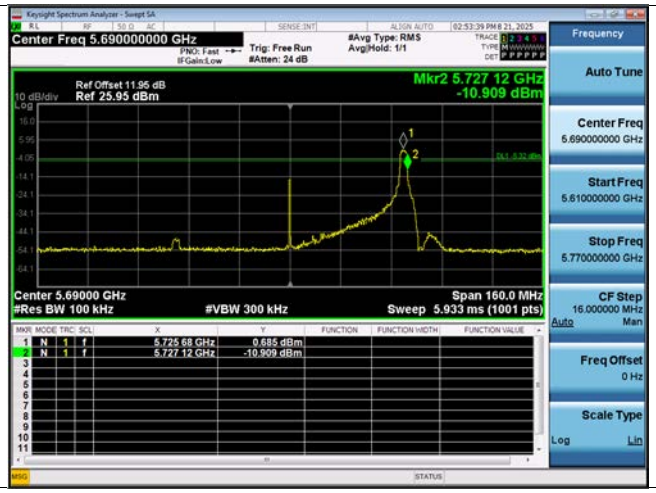
20M Ch.144(5720 MHz) 26 Tones RU 7



40M Ch.142(5710 MHz) 26 Tones RU 16



80M Ch.138(5690 MHz) 26 Tones RU 35



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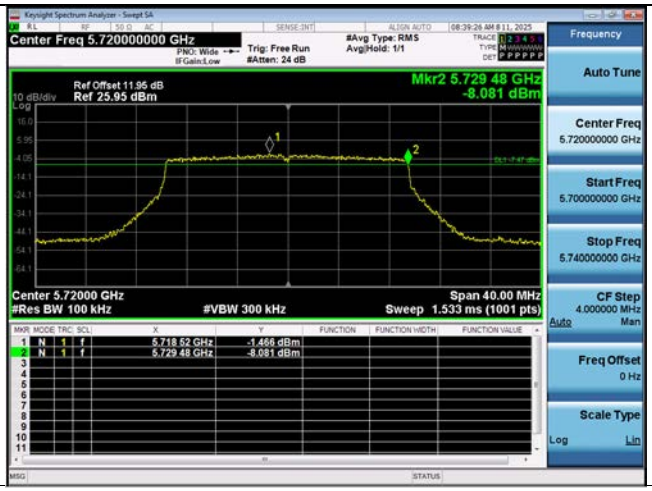
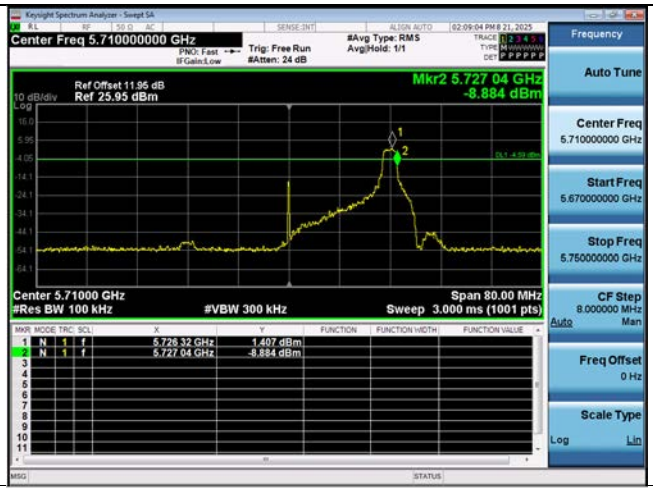
[Ant.2]

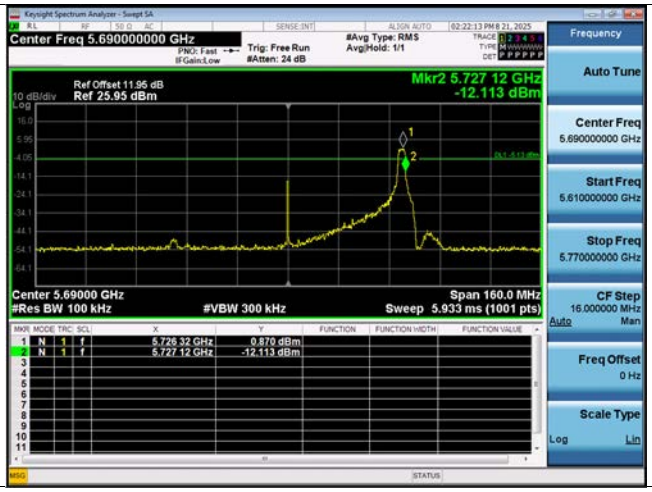
20M Ch.144(5720 MHz) 242 Tones RU 61



40M Ch.142(5710 MHz) 26 Tones RU 16



80M Ch.138(5690 MHz) 26 Tones RU 35



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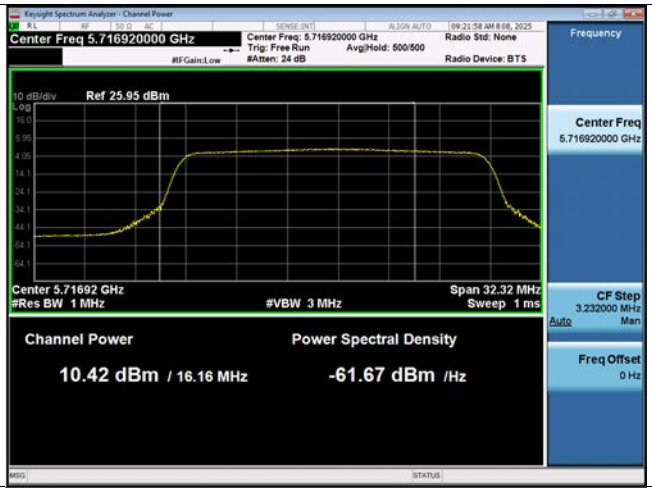
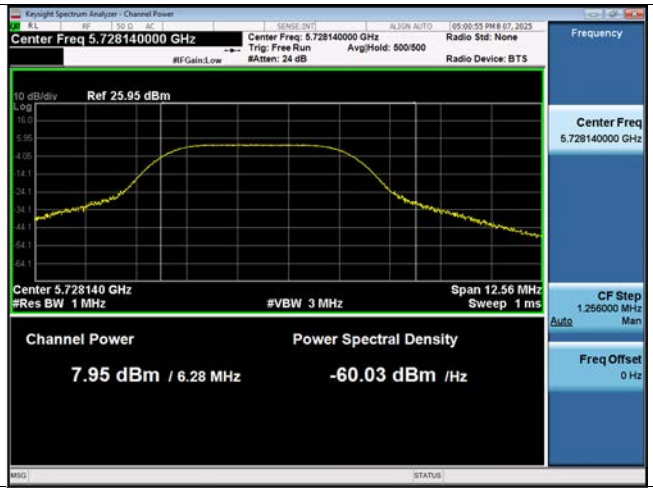
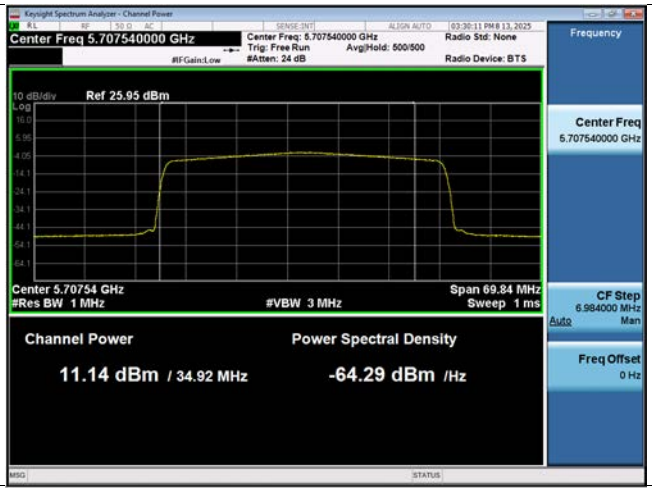
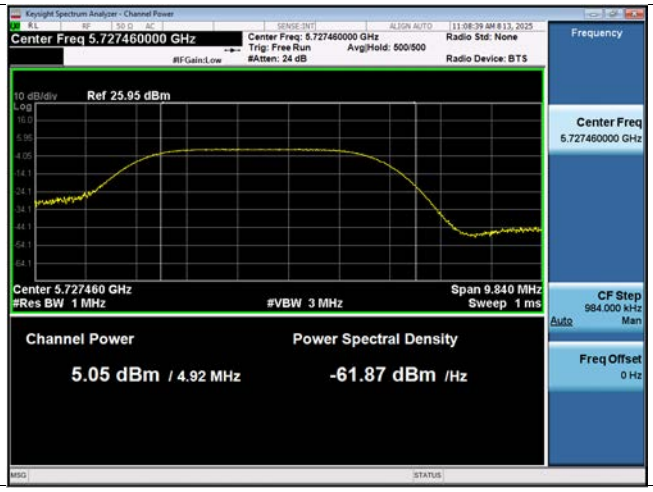
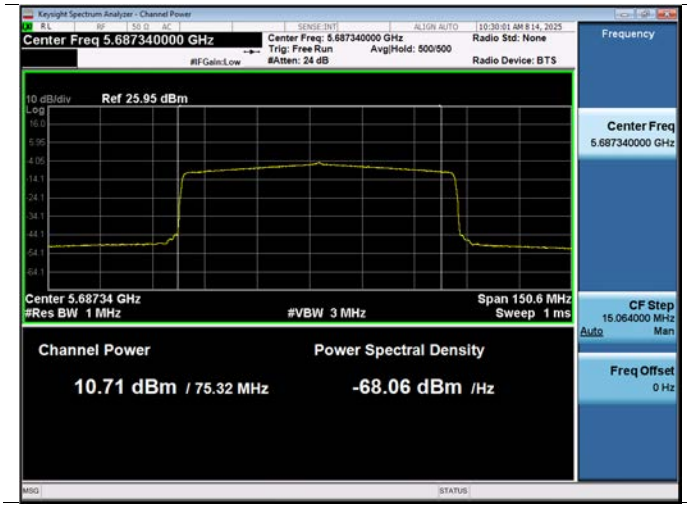
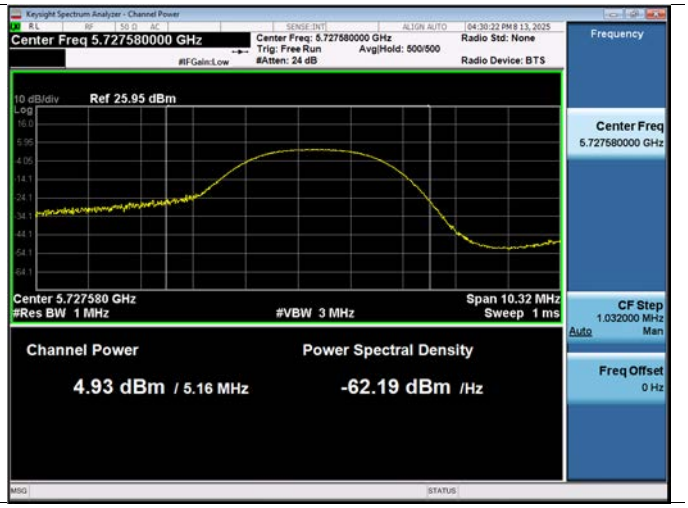
▣ Test Plots(Output Power)

Note: In order to simplify the report, attached plots were only channel of highest Power.

[Ant.1]

UNII 2C	UNII 3
20M Ch.144(5720 MHz) SU	20M Ch.144(5720 MHz) 52 Tones RU 40
	
40M Ch.142(5710 MHz) 484 Tones RU 65	40M Ch.142(5710 MHz) 52 Tones RU 44
	
80M Ch.138(5690 MHz) 996 Tones RU 67	80M Ch.138(5690 MHz) 26 Tones RU 36
	

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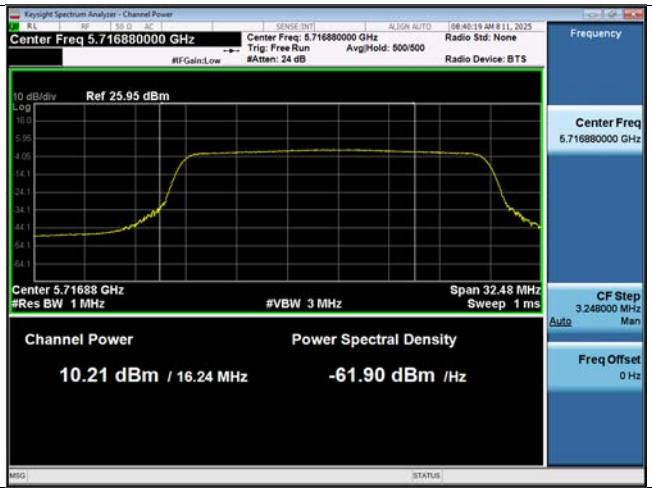
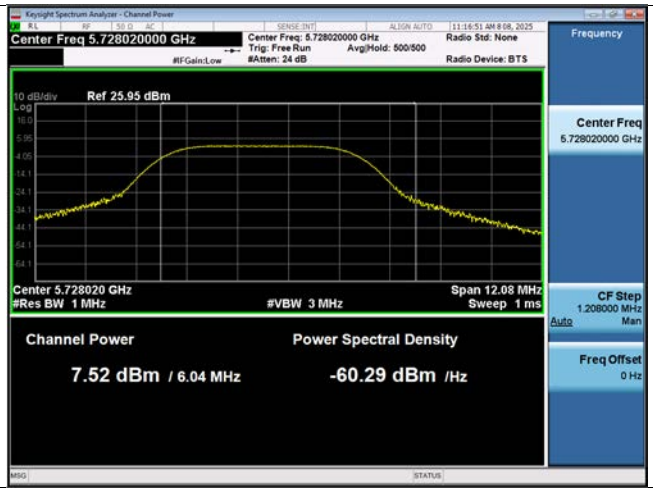
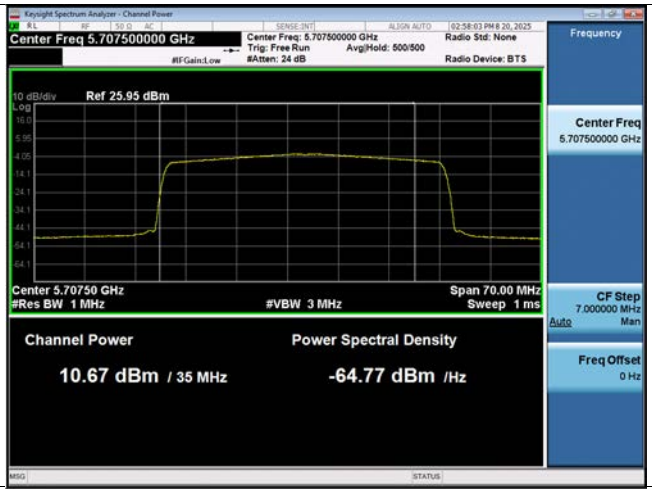
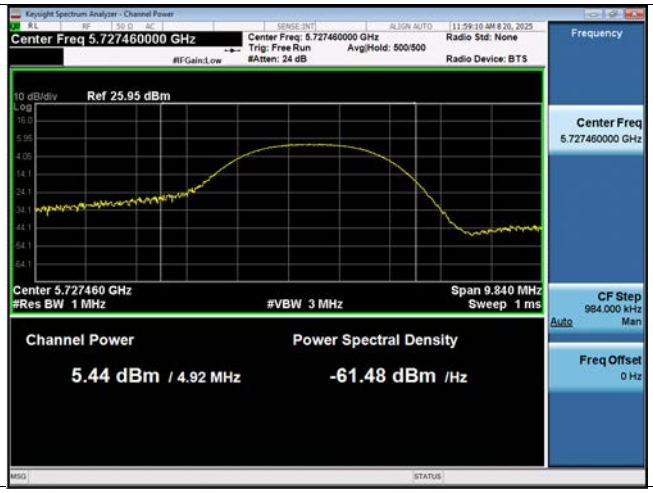
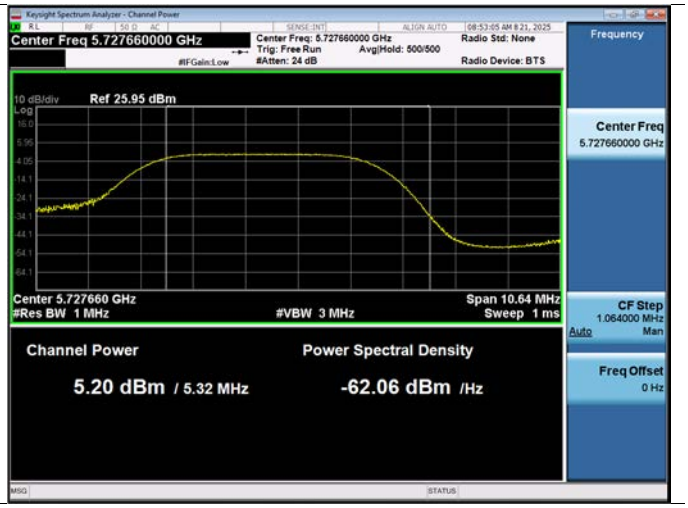
[Ant.2]

UNII 2C	UNII 3
20M Ch.144(5720 MHz) 242 Tones RU 61	20M Ch.144(5720 MHz) 52 Tones RU 40
	
40M Ch.142(5710 MHz) 484 Tones RU 65	40M Ch.142(5710 MHz) 26 Tones RU 17
	
80M Ch.138(5690 MHz) 996 Tones RU 67	80M Ch.138(5690 MHz) 52 Tones RU 52
	

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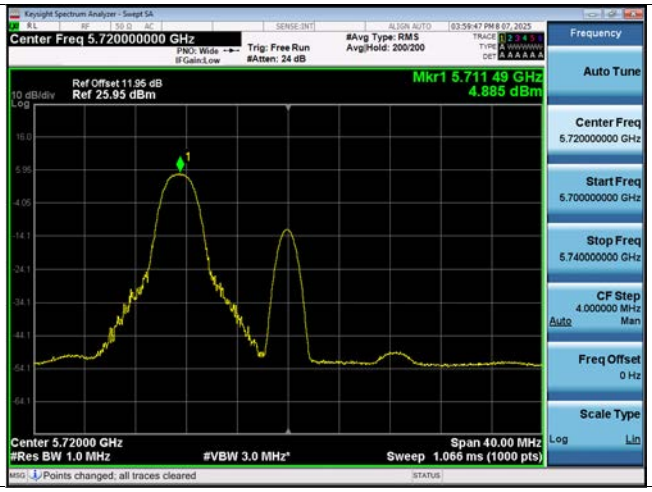
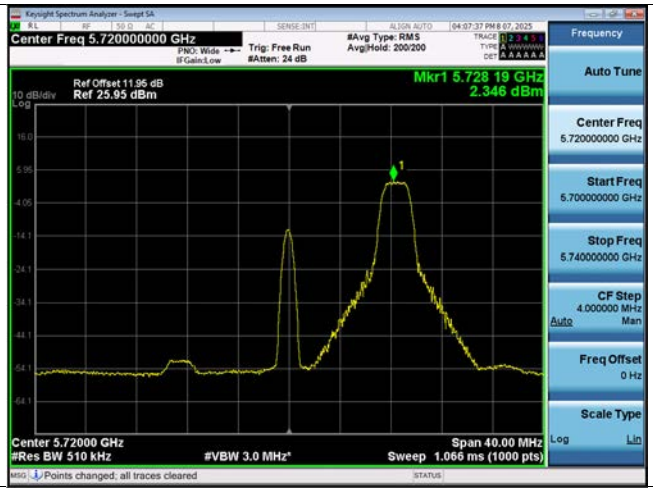
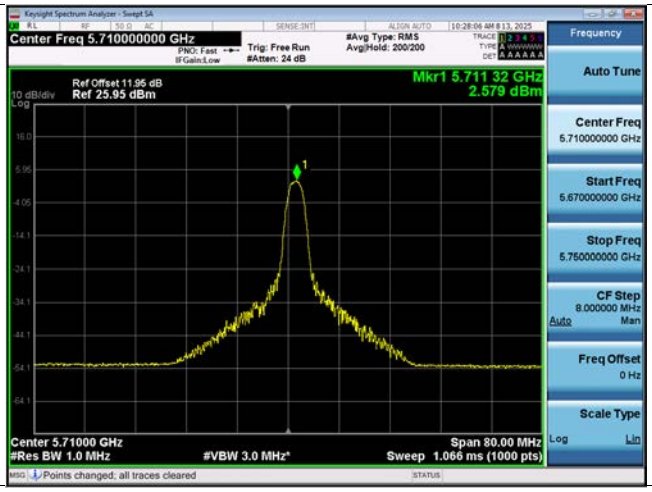
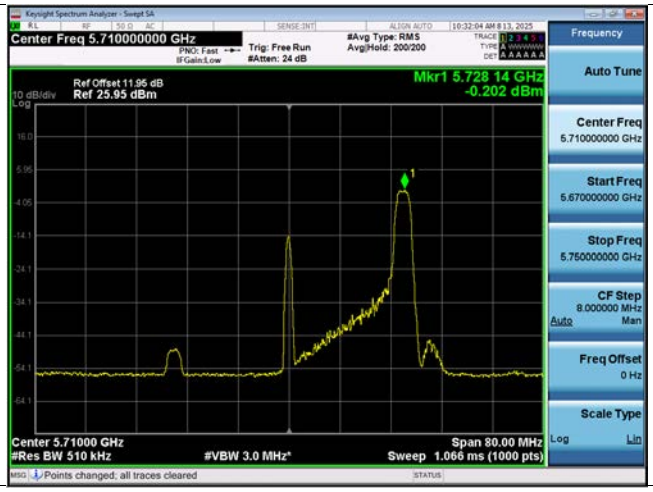
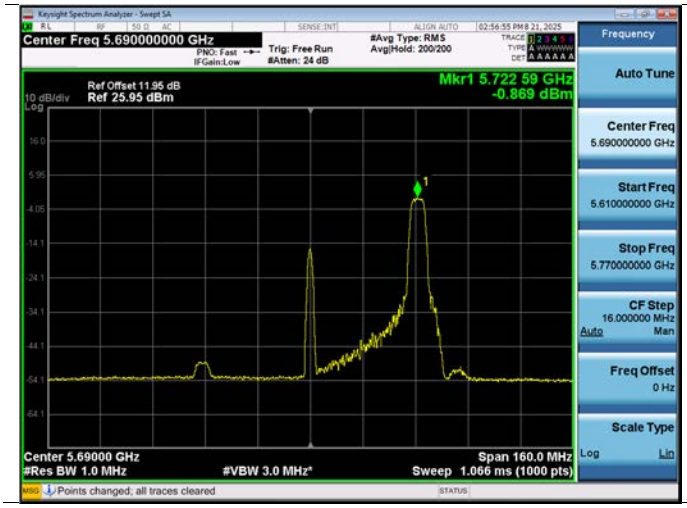
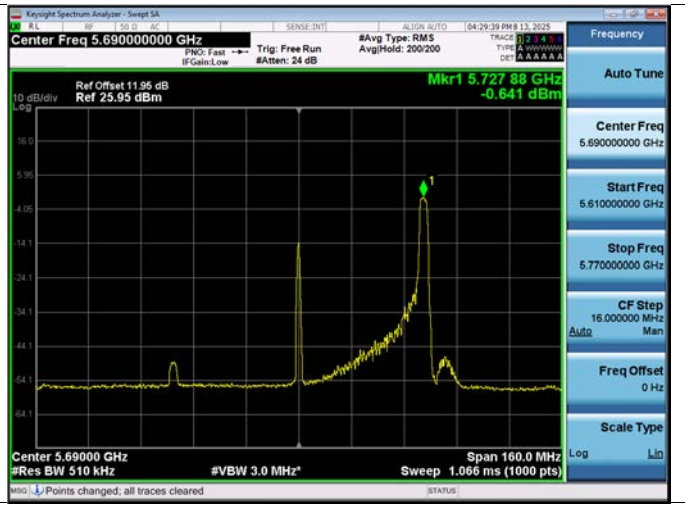
▣ Test Plots(Power Spectral Density)

Note: In order to simplify the report, attached plots were only channel of highest PSD.

[Ant.1]

UNII 2C	UNII 3
20M Ch.144(5720 MHz) 26 Tones RU 0	20M Ch.144(5720 MHz) 26 Tones RU 8
	
40M Ch.142(5710 MHz) 26 Tones RU 9	40M Ch.142(5710 MHz) 26 Tones RU 17
	
80M Ch.138(5690 MHz) 52 Tones RU 51	80M Ch.138(5690 MHz) 26 Tones RU 36
	

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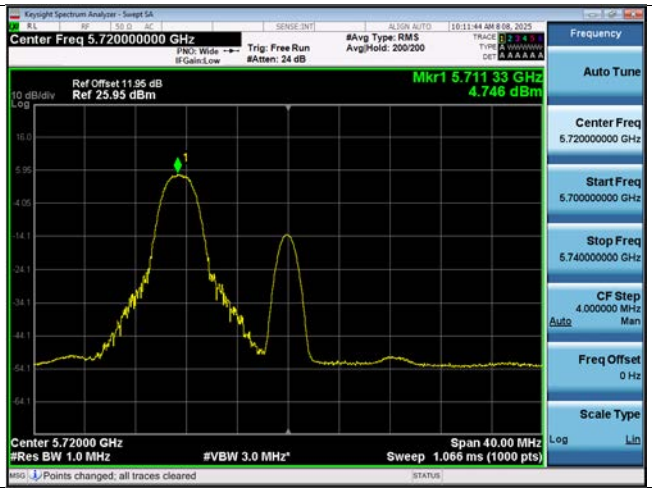
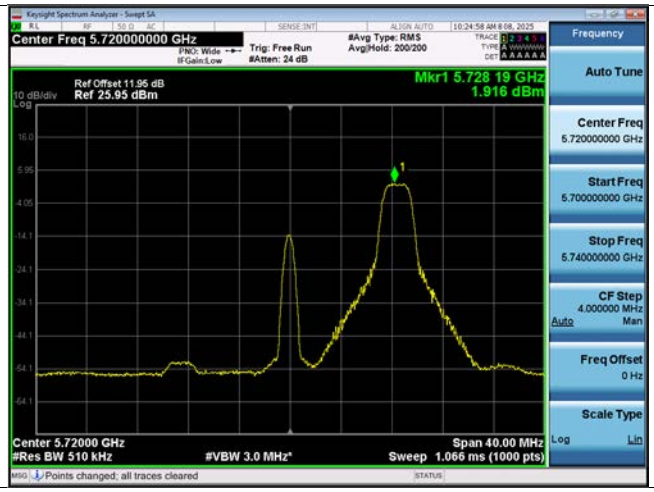
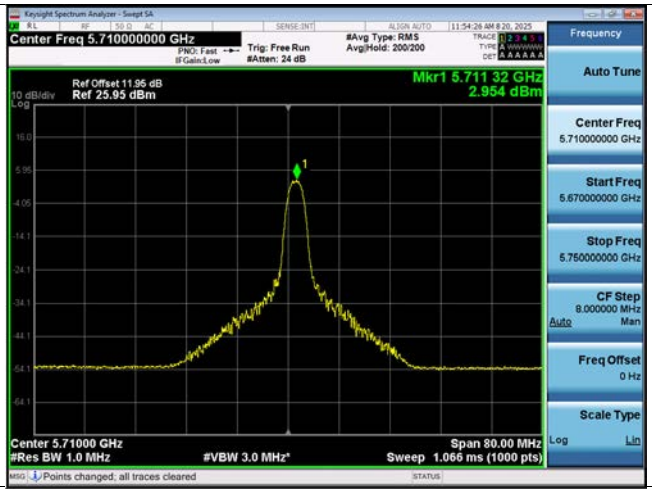
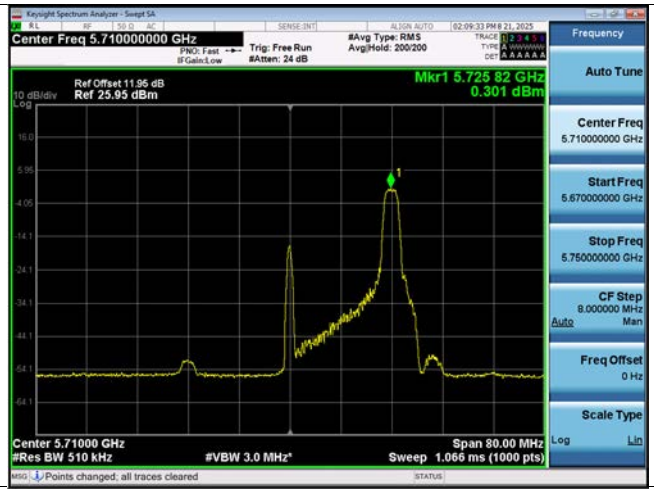
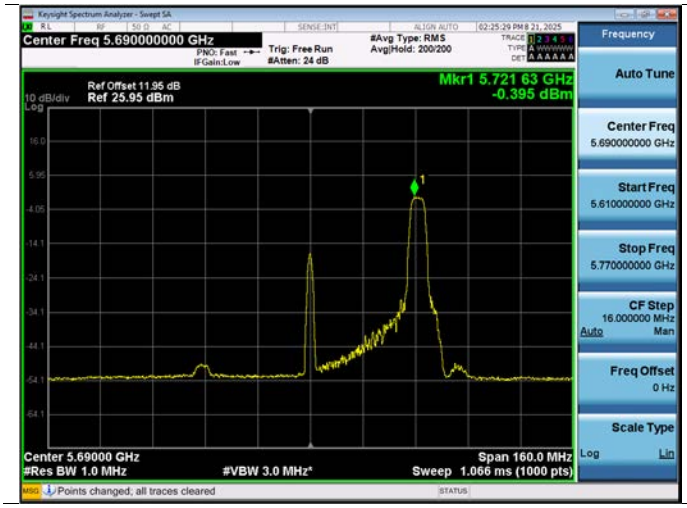
[Ant.2]

UNII 2C	UNII 3
20M Ch.144(5720 MHz) 26 Tones RU 0	20M Ch.144(5720 MHz) 26 Tones RU 8
	
40M Ch.142(5710 MHz) 26 Tones RU 9	40M Ch.142(5710 MHz) 26 Tones RU 16
	
80M Ch.138(5690 MHz) 52 Tones RU 51	80M Ch.138(5690 MHz) 26 Tones RU 36
	

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10.7 RADIATED SPURIOUS EMISSIONS (9 kHz – 1 GHz)

Frequency Range : 9 kHz – 30 MHz

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]
No Critical peaks found						

Note:

1. The Measured Value of emissions are attenuated more than 20 dB below the permissible limits or the field strength is too small to be measured.
2. Distance extrapolation factor = 40log (specific distance / test distance) (dB)
3. Limit line = specific Limits (dBμV) + Distance extrapolation factor

Frequency Range : Below 1 GHz

Frequency	Measured Value	A.F+C.L	ANT. POL	Total	Limit	Margin
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]
No Critical peaks found						

Note:

1. Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Quasi peak detector mode

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10.8 RADIATED SPURIOUS EMISSIONS (Above 1 GHz)

[MIMO_CDD(Ant.1+ Ant.2)]

Band :	UNII 1		Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.36	5180 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10360	50.80	5.79	V	56.59	68.20	11.61	PK
15540	48.29	6.58	V	54.87	73.98	19.11	PK
15540	34.00	6.58	V	40.58	53.98	13.40	AV
10360	50.94	5.79	H	56.73	68.20	11.47	PK
15540	48.41	6.58	H	54.99	73.98	18.99	PK
15540	34.41	6.58	H	40.99	53.98	12.99	AV

Band :	UNII 1		Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.40	5200 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10400	49.89	5.60	V	55.49	68.20	12.71	PK
15600	47.42	6.35	V	53.77	73.98	20.21	PK
15600	33.83	6.35	V	40.18	53.98	13.80	AV
10400	50.18	5.60	H	55.78	68.20	12.42	PK
15600	47.77	6.35	H	54.12	73.98	19.86	PK
15600	34.21	6.35	H	40.56	53.98	13.42	AV

Band :	UNII 1		Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.48	5240 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10480	49.63	6.05	V	55.68	68.20	12.52	PK
15720	47.35	5.76	V	53.11	73.98	20.87	PK
15720	34.01	5.76	V	39.77	53.98	14.21	AV
10480	50.08	6.05	H	56.13	68.20	12.07	PK
15720	47.69	5.76	H	53.45	73.98	20.53	PK
15720	34.25	5.76	H	40.01	53.98	13.97	AV

Band :	UNII 2A		Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.52	5260 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10520	57.93	6.25	V	64.18	68.20	4.02	PK
15780	47.78	6.05	V	53.83	73.98	20.15	PK
15780	33.89	6.05	V	39.94	53.98	14.04	AV
10520	58.30	6.25	H	64.55	68.20	3.65	PK
15780	48.10	6.05	H	54.15	73.98	19.83	PK
15780	34.01	6.05	H	40.06	53.98	13.92	AV

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Band :	UNII 2A		Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.60	5300 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10600	57.41	6.31	V	63.72	73.98	10.26	PK
10600	40.59	6.31	V	46.90	53.98	7.08	AV
15900	47.18	7.24	V	54.42	73.98	19.56	PK
15900	33.91	7.24	V	41.15	53.98	12.83	AV
10600	57.53	6.31	H	63.84	73.98	10.14	PK
10600	40.80	6.31	H	47.11	53.98	6.87	AV
15900	47.42	7.24	H	54.66	73.98	19.32	PK
15900	34.03	7.24	H	41.27	53.98	12.71	AV

Band :	UNII 2A		Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.64	5320 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10640	56.57	5.89	V	62.46	73.98	11.52	PK
10640	41.50	5.89	V	47.39	53.98	6.59	AV
15960	47.13	6.54	V	53.67	73.98	20.31	PK
15960	33.65	6.54	V	40.19	53.98	13.79	AV
10640	56.80	5.89	H	62.69	73.98	11.29	PK
10640	41.79	5.89	H	47.68	53.98	6.30	AV
15960	47.53	6.54	H	54.07	73.98	19.91	PK
15960	33.84	6.54	H	40.38	53.98	13.60	AV

Band :	UNII 2C		Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.100	5500 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11000	56.69	6.36	V	63.05	73.98	10.93	PK
11000	39.80	6.36	V	46.16	53.98	7.82	AV
16500	47.18	8.54	V	55.72	68.20	12.48	PK
11000	57.00	6.36	H	63.36	73.98	10.62	PK
11000	40.05	6.36	H	46.41	53.98	7.57	AV
16500	47.25	8.54	H	55.79	68.20	12.41	PK

Band :	UNII 2C		Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.120	5600 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11200	58.33	5.70	V	64.03	73.98	9.95	PK
11200	40.74	5.70	V	46.44	53.98	7.54	AV
16800	46.65	9.99	V	56.64	68.20	11.56	PK
11200	58.40	5.70	H	64.10	73.98	9.88	PK
11200	41.05	5.70	H	46.75	53.98	7.23	AV
16800	46.93	9.99	H	56.92	68.20	11.28	PK

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Band :	UNII 2C		Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.144	5720 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11440	62.38	5.92	V	68.30	73.98	5.68	PK
11440	44.27	5.92	V	50.19	53.98	3.79	AV
17160	47.17	9.69	V	56.86	68.20	11.34	PK
11440	62.61	5.92	H	68.53	73.98	5.45	PK
11440	44.62	5.92	H	50.54	53.98	3.44	AV
17160	47.61	9.69	H	57.30	68.20	10.90	PK

Band :	UNII 3		Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.149	5745 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11490	62.20	5.88	V	68.08	73.98	5.90	PK
11490	44.58	5.88	V	50.46	53.98	3.52	AV
17235	46.69	10.22	V	56.91	68.20	11.29	PK
11490	62.56	5.88	H	68.44	73.98	5.54	PK
11490	45.02	5.88	H	50.90	53.98	3.08	AV
17235	47.07	10.22	H	57.29	68.20	10.91	PK

Band :	UNII 3		Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.157	5785 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11570	61.70	6.03	V	67.73	73.98	6.25	PK
11570	43.49	6.03	V	49.52	53.98	4.46	AV
17355	45.87	11.36	V	57.23	68.20	10.97	PK
11570	62.06	6.03	H	68.09	73.98	5.89	PK
11570	43.64	6.03	H	49.67	53.98	4.31	AV
17355	46.12	11.36	H	57.48	68.20	10.72	PK

Band :	UNII 3		Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.165	5825 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11650	62.20	5.42	V	67.62	73.98	6.36	PK
11650	45.02	5.42	V	50.44	53.98	3.54	AV
17475	47.09	11.65	V	58.74	68.20	9.46	PK
11650	62.51	5.42	H	67.93	73.98	6.05	PK
11650	45.10	5.42	H	50.52	53.98	3.46	AV
17475	47.47	11.65	H	59.12	68.20	9.08	PK

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Band :	UNII 1		Operation Mode :		802.11ax_HE20 MCS0 242T RU61		
CH.36	5180 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10360	52.89	5.79	V	58.68	68.20	9.52	PK
15540	46.70	6.58	V	53.28	73.98	20.70	PK
15540	34.13	6.58	V	40.71	53.98	13.27	AV
10360	53.00	5.79	H	58.79	68.20	9.41	PK
15540	47.03	6.58	H	53.61	73.98	20.37	PK
15540	34.24	6.58	H	40.82	53.98	13.16	AV

Band :	UNII 1		Operation Mode :		802.11ax_HE20 MCS0 242T RU61		
CH.40	5200 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10400	53.65	5.60	V	59.25	68.20	8.95	PK
15600	46.45	6.35	V	52.80	73.98	21.18	PK
15600	33.75	6.35	V	40.10	53.98	13.88	AV
10400	53.74	5.60	H	59.34	68.20	8.86	PK
15600	46.76	6.35	H	53.11	73.98	20.87	PK
15600	34.15	6.35	H	40.50	53.98	13.48	AV

Band :	UNII 1		Operation Mode :		802.11ax_HE20 MCS0 242T RU61		
CH.48	5240 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10480	52.58	6.05	V	58.63	68.20	9.57	PK
15720	47.17	5.76	V	52.93	73.98	21.05	PK
15720	33.72	5.76	V	39.48	53.98	14.50	AV
10480	52.77	6.05	H	58.82	68.20	9.38	PK
15720	47.31	5.76	H	53.07	73.98	20.91	PK
15720	34.10	5.76	H	39.86	53.98	14.12	AV

Band :	UNII 2A		Operation Mode :		802.11ax_HE20 MCS0 242T RU61		
CH.52	5260 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10520	53.44	6.25	V	59.69	68.20	8.51	PK
15780	47.55	6.05	V	53.60	73.98	20.38	PK
15780	33.67	6.05	V	39.72	53.98	14.26	AV
10520	53.89	6.25	H	60.14	68.20	8.06	PK
15780	48.00	6.05	H	54.05	73.98	19.93	PK
15780	33.98	6.05	H	40.03	53.98	13.95	AV

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Band :	UNII 2A		Operation Mode :		802.11ax_HE20 MCS0 242T RU61		
CH.60	5300 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10600	52.99	6.31	V	59.30	73.98	14.68	PK
10600	37.64	6.31	V	43.95	53.98	10.03	AV
15900	46.92	7.24	V	54.16	73.98	19.82	PK
15900	33.80	7.24	V	41.04	53.98	12.94	AV
10600	53.43	6.31	H	59.74	73.98	14.24	PK
10600	37.99	6.31	H	44.30	53.98	9.68	AV
15900	47.24	7.24	H	54.48	73.98	19.50	PK
15900	33.88	7.24	H	41.12	53.98	12.86	AV

Band :	UNII 2A		Operation Mode :		802.11ax_HE20 MCS0 242T RU61		
CH.64	5320 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10640	52.23	5.89	V	58.12	73.98	15.86	PK
10640	38.43	5.89	V	44.32	53.98	9.66	AV
15960	47.11	6.54	V	53.65	73.98	20.33	PK
15960	33.49	6.54	V	40.03	53.98	13.95	AV
10640	52.45	5.89	H	58.34	73.98	15.64	PK
10640	38.56	5.89	H	44.45	53.98	9.53	AV
15960	47.31	6.54	H	53.85	73.98	20.13	PK
15960	33.78	6.54	H	40.32	53.98	13.66	AV

Band :	UNII 2C		Operation Mode :		802.11ax_HE20 MCS0 242T RU61		
CH.100	5500 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11000	53.03	6.36	V	59.39	73.98	14.59	PK
11000	39.30	6.36	V	45.66	53.98	8.32	AV
16500	46.87	8.54	V	55.41	68.20	12.79	PK
11000	53.43	6.36	H	59.79	73.98	14.19	PK
11000	39.52	6.36	H	45.88	53.98	8.10	AV
16500	47.13	8.54	H	55.67	68.20	12.53	PK

Band :	UNII 2C		Operation Mode :		802.11ax_HE20 MCS0 242T RU61		
CH.120	5600 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11200	53.83	5.70	V	59.53	73.98	14.45	PK
11200	39.24	5.70	V	44.94	53.98	9.04	AV
16800	46.71	9.99	V	56.70	68.20	11.50	PK
11200	54.21	5.70	H	59.91	73.98	14.07	PK
11200	39.45	5.70	H	45.15	53.98	8.83	AV
16800	46.83	9.99	H	56.82	68.20	11.38	PK

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Band :	UNII 2C		Operation Mode :		802.11ax_HE20 MCS0 242T RU61		
CH.144	5720 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11440	59.68	5.92	V	65.60	73.98	8.38	PK
11440	44.32	5.92	V	50.24	53.98	3.74	AV
17160	46.72	9.69	V	56.41	68.20	11.79	PK
11440	59.85	5.92	H	65.77	73.98	8.21	PK
11440	44.53	5.92	H	50.45	53.98	3.53	AV
17160	46.93	9.69	H	56.62	68.20	11.58	PK

Band :	UNII 3		Operation Mode :		802.11ax_HE20 MCS0 242T RU61		
CH.149	5745 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11490	59.21	5.88	V	65.09	73.98	8.89	PK
11490	44.14	5.88	V	50.02	53.98	3.96	AV
17235	45.93	10.22	V	56.15	68.20	12.05	PK
11490	59.55	5.88	H	65.43	73.98	8.55	PK
11490	44.40	5.88	H	50.28	53.98	3.70	AV
17235	46.08	10.22	H	56.30	68.20	11.90	PK

Band :	UNII 3		Operation Mode :		802.11ax_HE20 MCS0 242T RU61		
CH.157	5785 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11570	58.70	6.03	V	64.73	73.98	9.25	PK
11570	43.05	6.03	V	49.08	53.98	4.90	AV
17355	45.46	11.36	V	56.82	68.20	11.38	PK
11570	59.07	6.03	H	65.10	73.98	8.88	PK
11570	43.17	6.03	H	49.20	53.98	4.78	AV
17355	45.60	11.36	H	56.96	68.20	11.24	PK

Band :	UNII 3		Operation Mode :		802.11ax_HE20 MCS0 242T RU61		
CH.165	5825 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11650	57.09	5.42	V	62.51	73.98	11.47	PK
11650	42.96	5.42	V	48.38	53.98	5.60	AV
17475	47.02	11.65	V	58.67	68.20	9.53	PK
11650	57.36	5.42	H	62.78	73.98	11.20	PK
11650	43.15	5.42	H	48.57	53.98	5.41	AV
17475	47.36	11.65	H	59.01	68.20	9.19	PK

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Band :	UNII 1		Operation Mode :		802.11ax_HE40 MCS0 26T RU9		
CH.38	5190 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10380	57.42	5.71	V	63.13	68.20	5.07	PK
15570	46.82	6.91	V	53.73	73.98	20.25	PK
15570	33.95	6.91	V	40.86	53.98	13.12	AV
10380	57.86	5.71	H	63.57	68.20	4.63	PK
15570	47.18	6.91	H	54.09	73.98	19.89	PK
15570	34.06	6.91	H	40.97	53.98	13.01	AV

Band :	UNII 1		Operation Mode :		802.11ax_HE40 MCS0 26T RU9		
CH.46	5230 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10460	57.22	6.31	V	63.53	68.20	4.67	PK
15690	47.32	5.88	V	53.20	73.98	20.78	PK
15690	33.72	5.88	V	39.60	53.98	14.38	AV
10460	57.64	6.31	H	63.95	68.20	4.25	PK
15690	47.58	5.88	H	53.46	73.98	20.52	PK
15690	33.96	5.88	H	39.84	53.98	14.14	AV

Band :	UNII 2A		Operation Mode :		802.11ax_HE40 MCS0 26T RU9		
CH.54	5270 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10540	58.66	5.92	V	64.58	68.20	3.62	PK
15810	47.70	6.50	V	54.20	73.98	19.78	PK
15810	34.03	6.50	V	40.53	53.98	13.45	AV
10540	58.97	5.92	H	64.89	68.20	3.31	PK
15810	47.77	6.50	H	54.27	73.98	19.71	PK
15810	34.34	6.50	H	40.84	53.98	13.14	AV

Band :	UNII 2A		Operation Mode :		802.11ax_HE40 MCS0 26T RU9		
CH.62	5310 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10620	58.49	6.26	V	64.75	73.98	9.23	PK
10620	42.46	6.26	V	48.72	53.98	5.26	AV
15930	48.01	6.68	V	54.69	73.98	19.29	PK
15930	34.14	6.68	V	40.82	53.98	13.16	AV
10620	58.67	6.26	H	64.93	73.98	9.05	PK
10620	42.90	6.26	H	49.16	53.98	4.82	AV
15930	48.12	6.68	H	54.80	73.98	19.18	PK
15930	34.36	6.68	H	41.04	53.98	12.94	AV

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Band :	UNII 2C		Operation Mode :		802.11ax_HE40 MCS0 26T RU9		
CH.102	5510 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11020	59.25	6.76	V	66.01	73.98	7.97	PK
11020	42.85	6.76	V	49.61	53.98	4.37	AV
16530	46.99	8.45	V	55.44	68.20	12.76	PK
11020	59.44	6.76	H	66.20	73.98	7.78	PK
11020	43.07	6.76	H	49.83	53.98	4.15	AV
16530	47.17	8.45	H	55.62	68.20	12.58	PK

Band :	UNII 2C		Operation Mode :		802.11ax_HE40 MCS0 26T RU9		
CH.118	5590 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11180	60.89	6.29	V	67.18	73.98	6.80	PK
11180	43.74	6.29	V	50.03	53.98	3.95	AV
16770	47.70	8.99	V	56.69	68.20	11.51	PK
11180	61.30	6.29	H	67.59	73.98	6.39	PK
11180	43.85	6.29	H	50.14	53.98	3.84	AV
16770	47.93	8.99	H	56.92	68.20	11.28	PK

Band :	UNII 2C		Operation Mode :		802.11ax_HE40 MCS0 26T RU9		
CH.142	5710 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11420	62.34	5.75	V	68.09	73.98	5.89	PK
11420	44.76	5.75	V	50.51	53.98	3.47	AV
17130	46.36	9.67	V	56.03	68.20	12.17	PK
11420	62.47	5.75	H	68.22	73.98	5.76	PK
11420	44.85	5.75	H	50.60	53.98	3.38	AV
17130	46.52	9.67	H	56.19	68.20	12.01	PK

Band :	UNII 3		Operation Mode :		802.11ax_HE40 MCS0 26T RU9		
CH.151	5755 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11510	62.47	5.83	V	68.30	73.98	5.68	PK
11510	44.32	5.83	V	50.15	53.98	3.83	AV
17265	45.89	10.76	V	56.65	68.20	11.55	PK
11510	62.89	5.83	H	68.72	73.98	5.26	PK
11510	44.69	5.83	H	50.52	53.98	3.46	AV
17265	46.34	10.76	H	57.10	68.20	11.10	PK

Band :	UNII 3		Operation Mode :		802.11ax_HE40 MCS0 26T RU9		
CH.159	5795 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11590	60.31	6.00	V	66.31	73.98	7.67	PK
11590	42.58	6.00	V	48.58	53.98	5.40	AV
17385	45.82	8.63	V	54.45	68.20	13.75	PK
11590	60.71	6.00	H	66.71	73.98	7.27	PK
11590	42.83	6.00	H	48.83	53.98	5.15	AV
17385	46.24	8.63	H	54.87	68.20	13.33	PK

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Band :	UNII 1		Operation Mode :		802.11ax_HE40 MCS0 484T RU65		
CH.38	5190 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10380	51.00	5.71	V	56.71	68.20	11.49	PK
15570	46.32	6.91	V	53.23	73.98	20.75	PK
15570	33.56	6.91	V	40.47	53.98	13.51	AV
10380	51.15	5.71	H	56.86	68.20	11.34	PK
15570	46.72	6.91	H	53.63	73.98	20.35	PK
15570	34.00	6.91	H	40.91	53.98	13.07	AV

Band :	UNII 1		Operation Mode :		802.11ax_HE40 MCS0 484T RU65		
CH.46	5230 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10460	50.04	6.31	V	56.35	68.20	11.85	PK
15690	47.00	5.88	V	52.88	73.98	21.10	PK
15690	33.73	5.88	V	39.61	53.98	14.37	AV
10460	50.25	6.31	H	56.56	68.20	11.64	PK
15690	47.28	5.88	H	53.16	73.98	20.82	PK
15690	33.89	5.88	H	39.77	53.98	14.21	AV

Band :	UNII 2A		Operation Mode :		802.11ax_HE40 MCS0 484T RU65		
CH.54	5270 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10540	50.41	5.92	V	56.33	68.20	11.87	PK
15810	46.64	6.50	V	53.14	73.98	20.84	PK
15810	33.90	6.50	V	40.40	53.98	13.58	AV
10540	50.86	5.92	H	56.78	68.20	11.42	PK
15810	46.83	6.50	H	53.33	73.98	20.65	PK
15810	34.33	6.50	H	40.83	53.98	13.15	AV

Band :	UNII 2A		Operation Mode :		802.11ax_HE40 MCS0 484T RU65		
CH.62	5310 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10620	51.18	6.26	V	57.44	73.98	16.54	PK
10620	37.54	6.26	V	43.80	53.98	10.18	AV
15930	47.09	6.68	V	53.77	73.98	20.21	PK
15930	34.03	6.68	V	40.71	53.98	13.27	AV
10620	51.53	6.26	H	57.79	73.98	16.19	PK
10620	37.62	6.26	H	43.88	53.98	10.10	AV
15930	47.53	6.68	H	54.21	73.98	19.77	PK
15930	34.33	6.68	H	41.01	53.98	12.97	AV

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Band :	UNII 2C		Operation Mode :		802.11ax_HE40 MCS0 484T RU65		
CH.102	5510 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11020	49.38	6.76	V	56.14	73.98	17.84	PK
11020	36.98	6.76	V	43.74	53.98	10.24	AV
16530	46.17	8.45	V	54.62	68.20	13.58	PK
11020	49.47	6.76	H	56.23	73.98	17.75	PK
11020	37.15	6.76	H	43.91	53.98	10.07	AV
16530	46.25	8.45	H	54.70	68.20	13.50	PK

Band :	UNII 2C		Operation Mode :		802.11ax_HE40 MCS0 484T RU65		
CH.118	5590 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11180	51.78	6.29	V	58.07	73.98	15.91	PK
11180	37.84	6.29	V	44.13	53.98	9.85	AV
16770	46.22	8.99	V	55.21	68.20	12.99	PK
11180	52.14	6.29	H	58.43	73.98	15.55	PK
11180	38.19	6.29	H	44.48	53.98	9.50	AV
16770	46.39	8.99	H	55.38	68.20	12.82	PK

Band :	UNII 2C		Operation Mode :		802.11ax_HE40 MCS0 484T RU65		
CH.142	5710 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11420	57.32	5.75	V	63.07	73.98	10.91	PK
11420	41.28	5.75	V	47.03	53.98	6.95	AV
17130	46.13	9.67	V	55.80	68.20	12.40	PK
11420	57.62	5.75	H	63.37	73.98	10.61	PK
11420	41.67	5.75	H	47.42	53.98	6.56	AV
17130	46.40	9.67	H	56.07	68.20	12.13	PK

Band :	UNII 3		Operation Mode :		802.11ax_HE40 MCS0 484T RU65		
CH.151	5755 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11510	56.89	5.83	V	62.72	73.98	11.26	PK
11510	42.17	5.83	V	48.00	53.98	5.98	AV
17265	45.69	10.76	V	56.45	68.20	11.75	PK
11510	56.97	5.83	H	62.80	73.98	11.18	PK
11510	42.53	5.83	H	48.36	53.98	5.62	AV
17265	45.83	10.76	H	56.59	68.20	11.61	PK

Band :	UNII 3		Operation Mode :		802.11ax_HE40 MCS0 484T RU65		
CH.159	5795 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11590	55.34	6.00	V	61.34	73.98	12.64	PK
11590	40.88	6.00	V	46.88	53.98	7.10	AV
17385	45.62	8.63	V	54.25	68.20	13.95	PK
11590	55.45	6.00	H	61.45	73.98	12.53	PK
11590	41.01	6.00	H	47.01	53.98	6.97	AV
17385	45.81	8.63	H	54.44	68.20	13.76	PK

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Band :	UNII 1		Operation Mode :		802.11ax_HE80 MCS0 26T RU19		
CH.42	5210 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10420	58.53	5.71	V	64.24	68.20	3.96	PK
15630	45.61	6.43	V	52.04	73.98	21.94	PK
15630	33.43	6.43	V	39.86	53.98	14.12	AV
10420	58.60	5.71	H	64.31	68.20	3.89	PK
15630	45.88	6.43	H	52.31	73.98	21.67	PK
15630	33.65	6.43	H	40.08	53.98	13.90	AV

Band :	UNII 2A		Operation Mode :		802.11ax_HE80 MCS0 26T RU19		
CH.58	5290 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10580	57.00	6.10	V	63.10	68.20	5.10	PK
15870	46.53	6.64	V	53.17	73.98	20.81	PK
15870	34.45	6.64	V	41.09	53.98	12.89	AV
10580	57.42	6.10	H	63.52	68.20	4.68	PK
15870	46.62	6.64	H	53.26	73.98	20.72	PK
15870	34.65	6.64	H	41.29	53.98	12.69	AV

Band :	UNII 2C		Operation Mode :		802.11ax_HE80 MCS0 26T RU19		
CH.106	5530 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11060	57.90	6.47	V	64.37	73.98	9.61	PK
11060	42.78	6.47	V	49.25	53.98	4.73	AV
16590	46.11	8.94	V	55.05	68.20	13.15	PK
11060	58.30	6.47	H	64.77	73.98	9.21	PK
11060	42.88	6.47	H	49.35	53.98	4.63	AV
16590	46.27	8.94	H	55.21	68.20	12.99	PK

Band :	UNII 2C		Operation Mode :		802.11ax_HE80 MCS0 26T RU19		
CH.122	5610 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11220	59.39	5.80	V	65.19	73.98	8.79	PK
11220	43.48	5.80	V	49.28	53.98	4.70	AV
16830	46.45	9.92	V	56.37	68.20	11.83	PK
11220	59.67	5.80	H	65.47	73.98	8.51	PK
11220	43.81	5.80	H	49.61	53.98	4.37	AV
16830	46.53	9.92	H	56.45	68.20	11.75	PK

Band :	UNII 2C		Operation Mode :		802.11ax_HE80 MCS0 26T RU19		
CH.138	5690 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11380	60.73	6.03	V	66.76	73.98	7.22	PK
11380	44.52	6.03	V	50.55	53.98	3.43	AV
17070	45.49	10.07	V	55.56	68.20	12.64	PK
11380	61.09	6.03	H	67.12	73.98	6.86	PK
11380	44.85	6.03	H	50.88	53.98	3.10	AV
17070	45.64	10.07	H	55.71	68.20	12.49	PK

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Band :	UNII 3		Operation Mode :		802.11ax_HE80 MCS0 26T RU19		
CH.155	5775 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11550	60.75	5.90	V	66.65	73.98	7.33	PK
11550	44.21	5.90	V	50.11	53.98	3.87	AV
17325	46.44	11.22	V	57.66	68.20	10.54	PK
11550	61.50	5.90	H	67.40	73.98	6.58	PK
11550	44.30	5.90	H	50.20	53.98	3.78	AV
17325	46.72	11.22	H	57.94	68.20	10.26	PK

Band :	UNII 1		Operation Mode :		802.11ax_HE80 MCS0 996T RU67		
CH.42	5210 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10420	48.59	5.71	V	54.30	68.20	13.90	PK
15630	44.57	6.43	V	51.00	73.98	22.98	PK
15630	33.49	6.43	V	39.92	53.98	14.06	AV
10420	48.85	5.71	H	54.56	68.20	13.64	PK
15630	45.01	6.43	H	51.44	73.98	22.54	PK
15630	33.62	6.43	H	40.05	53.98	13.93	AV

Band :	UNII 2A		Operation Mode :		802.11ax_HE80 MCS0 996T RU67		
CH.58	5290 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10580	48.61	6.10	V	54.71	68.20	13.49	PK
15870	46.23	6.64	V	52.87	73.98	21.11	PK
15870	34.19	6.64	V	40.83	53.98	13.15	AV
10580	48.86	6.10	H	54.96	68.20	13.24	PK
15870	46.30	6.64	H	52.94	73.98	21.04	PK
15870	34.57	6.64	H	41.21	53.98	12.77	AV

Band :	UNII 2C		Operation Mode :		802.11ax_HE80 MCS0 996T RU67		
CH.106	5530 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11060	48.36	6.47	V	54.83	73.98	19.15	PK
11060	35.84	6.47	V	42.31	53.98	11.67	AV
16590	45.32	8.94	V	54.26	68.20	13.94	PK
11060	48.54	6.47	H	55.01	73.98	18.97	PK
11060	36.17	6.47	H	42.64	53.98	11.34	AV
16590	45.48	8.94	H	54.42	68.20	13.78	PK

Band :	UNII 2C		Operation Mode :		802.11ax_HE80 MCS0 996T RU67		
CH.122	5610 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11220	49.29	5.80	V	55.09	73.98	18.89	PK
11220	36.79	5.80	V	42.59	53.98	11.39	AV
16830	45.25	9.92	V	55.17	68.20	13.03	PK
11220	49.39	5.80	H	55.19	73.98	18.79	PK
11220	37.03	5.80	H	42.83	53.98	11.15	AV
16830	45.64	9.92	H	55.56	68.20	12.64	PK

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Band :	UNII 2C		Operation Mode :		802.11ax_HE80 MCS0 996T RU67		
CH.138	5690 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11380	54.72	6.03	V	60.75	73.98	13.23	PK
11380	40.32	6.03	V	46.35	53.98	7.63	AV
17070	44.98	10.07	V	55.05	68.20	13.15	PK
11380	54.79	6.03	H	60.82	73.98	13.16	PK
11380	40.73	6.03	H	46.76	53.98	7.22	AV
17070	45.43	10.07	H	55.50	68.20	12.70	PK

Band :	UNII 3		Operation Mode :		802.11ax_HE80 MCS0 996T RU67		
CH.155	5775 MHz		Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11550	51.45	5.90	V	57.35	73.98	16.63	PK
11550	39.24	5.90	V	45.14	53.98	8.84	AV
17325	46.05	11.22	V	57.27	68.20	10.93	PK
11550	51.81	5.90	H	57.71	73.98	16.27	PK
11550	39.40	5.90	H	45.30	53.98	8.68	AV
17325	46.45	11.22	H	57.67	68.20	10.53	PK

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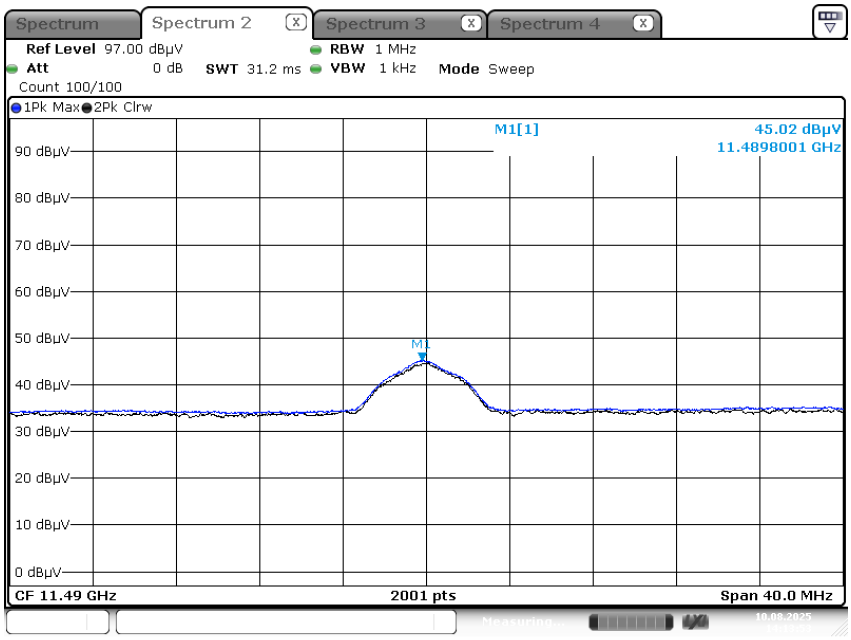
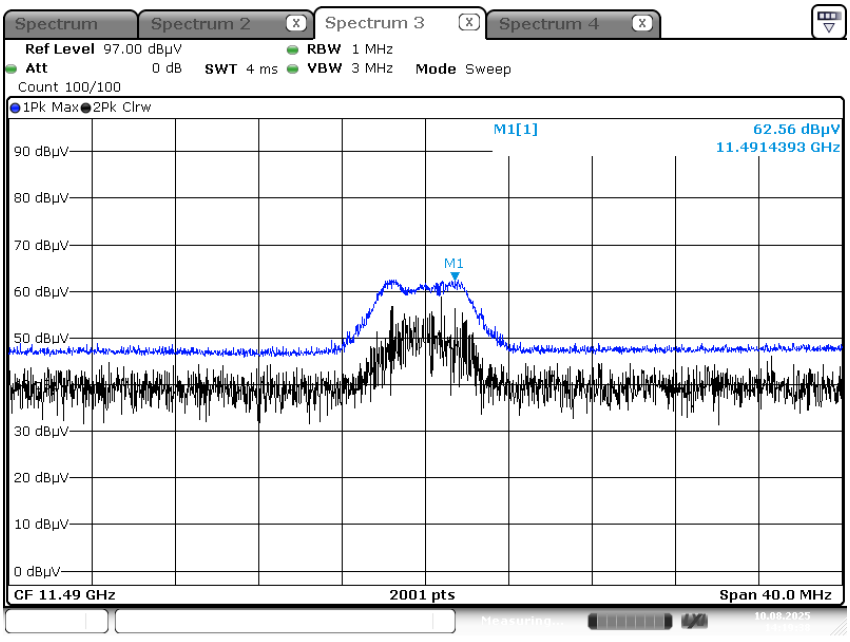
▣ Test Plots_[MIMO_CDD(Ant.1+ Ant.2)]

26 Tones RU 4

Radiated Spurious Emissions plot – Average result (802.11ax HE20, Ch.149 2nd Spurious Emission, X-H)



Radiated Spurious Emissions plot – Peak result (802.11ax HE20, Ch.149 2nd Spurious Emission, X-H)



Note: Only the worst case plots for Radiated Spurious Emissions.

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10.9 RADIATED RESTRICTED BAND EDGE

[MIMO_CDD(Ant.1+ Ant.2)]

Operation Mode :	802.11ax_20	Tone & RU Index :	26T & 0	MCS Index :	MCS0
Channel No. :	36	Frequency :	5180 MHz	Band :	UNII-1

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	56.42	H	56.42	73.98	17.56	PK
4500 - 5150	43.45	H	43.45	53.98	10.53	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	26T & 8	MCS Index :	MCS0
Channel No. :	64	Frequency :	5320 MHz	Band :	UNII-2A

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.40	H	58.40	73.98	15.58	PK
5350 - 5460	45.22	H	45.22	53.98	8.76	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	26T & 0	MCS Index :	MCS0
Channel No. :	100	Frequency :	5500 MHz	Band :	UNII-2C

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.60	H	59.60	73.98	14.38	PK
5350 - 5460	46.35	H	46.35	53.98	7.63	AV
5460 - 5470	59.22	H	59.22	68.20	8.98	PK

Operation Mode :	802.11ax_20	Tone & RU Index :	52T & 37	MCS Index :	MCS0
Channel No. :	36	Frequency :	5180 MHz	Band :	UNII-1

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	56.52	H	56.52	73.98	17.46	PK
4500 - 5150	43.70	H	43.70	53.98	10.28	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	52T & 40	MCS Index :	MCS0
Channel No. :	64	Frequency :	5320 MHz	Band :	UNII-2A

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	57.92	H	57.92	73.98	16.06	PK
5350 - 5460	45.15	H	45.15	53.98	8.83	AV

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Operation Mode :	802.11ax_20	Tone & RU Index :	52T & 37		MCS Index :	MCS0
Channel No. :	100	Frequency :	5500 MHz		Band :	UNII-2C
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.57	H	59.57	73.98	14.41	PK
5350 - 5460	46.34	H	46.34	53.98	7.64	AV
5460 - 5470	59.60	H	59.60	68.20	8.60	PK

Operation Mode :	802.11ax_20	Tone & RU Index :	106T & 53		MCS Index :	MCS0
Channel No. :	36	Frequency :	5180 MHz		Band :	UNII-1
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	55.91	H	55.91	73.98	18.07	PK
4500 - 5150	43.55	H	43.55	53.98	10.43	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	106T & 54		MCS Index :	MCS0
Channel No. :	64	Frequency :	5320 MHz		Band :	UNII-2A
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.06	H	58.06	73.98	15.92	PK
5350 - 5460	45.10	H	45.10	53.98	8.88	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	106T & 53		MCS Index :	MCS0
Channel No. :	100	Frequency :	5500 MHz		Band :	UNII-2C
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.74	H	58.74	73.98	15.24	PK
5350 - 5460	45.58	H	45.58	53.98	8.40	AV
5460 - 5470	59.46	H	59.46	68.20	8.74	PK

Operation Mode :	802.11ax_20	Tone & RU Index :	242T & 61		MCS Index :	MCS0
Channel No. :	36	Frequency :	5180 MHz		Band :	UNII-1
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	59.55	H	59.55	73.98	14.43	PK
4500 - 5150	46.99	H	46.99	53.98	6.99	AV

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Operation Mode :	802.11ax_20	Tone & RU Index :	242T & 61		MCS Index :	MCS0
Channel No. :	64	Frequency :	5320 MHz		Band :	UNII-2A
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.61	H	59.61	73.98	14.37	PK
5350 - 5460	46.97	H	46.97	53.98	7.01	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	242T & 61		MCS Index :	MCS0
Channel No. :	100	Frequency :	5500 MHz		Band :	UNII-2C
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.58	H	59.58	73.98	14.40	PK
5350 - 5460	46.29	H	46.29	53.98	7.69	AV
5460 - 5470	59.75	H	59.75	68.20	8.45	PK

Operation Mode :	802.11ax_20	Tone & RU Index :	SU		MCS Index :	MCS0
Channel No. :	36	Frequency :	5180 MHz		Band :	UNII-1
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	58.08	H	58.08	73.98	15.90	PK
4500 - 5150	46.88	H	46.88	53.98	7.10	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	SU		MCS Index :	MCS0
Channel No. :	64	Frequency :	5320 MHz		Band :	UNII-2A
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.20	H	59.20	73.98	14.78	PK
5350 - 5460	46.94	H	46.94	53.98	7.04	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	SU		MCS Index :	MCS0
Channel No. :	100	Frequency :	5500 MHz		Band :	UNII-2C
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.32	H	59.32	73.98	14.66	PK
5350 - 5460	46.32	H	46.32	53.98	7.66	AV
5460 - 5470	59.66	H	59.66	68.20	8.54	PK

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Operation Mode :	802.11ax_40	Tone & RU Index :	26T & 0		MCS Index :	MCS0
Channel No. :	38	Frequency :	5190 MHz		Band :	UNII-1
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	67.22	H	67.22	73.98	6.76	PK
4500 - 5150	47.36	H	47.36	53.98	6.62	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	26T & 17		MCS Index :	MCS0
Channel No. :	62	Frequency :	5310 MHz		Band :	UNII-2A
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	65.74	H	65.74	73.98	8.24	PK
5350 - 5460	47.04	H	47.04	53.98	6.94	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	26T & 0		MCS Index :	MCS0
Channel No. :	102	Frequency :	5510 MHz		Band :	UNII-2C
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	66.36	H	66.36	73.98	7.62	PK
5350 - 5460	48.54	H	48.54	53.98	5.44	AV
5460 - 5470	59.65	H	59.65	68.20	8.55	PK

Operation Mode :	802.11ax_40	Tone & RU Index :	52T & 37		MCS Index :	MCS0
Channel No. :	38	Frequency :	5190 MHz		Band :	UNII-1
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	61.17	H	61.17	73.98	12.81	PK
4500 - 5150	46.82	H	46.82	53.98	7.16	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	52T & 44		MCS Index :	MCS0
Channel No. :	62	Frequency :	5310 MHz		Band :	UNII-2A
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	65.44	H	65.44	73.98	8.54	PK
5350 - 5460	46.34	H	46.34	53.98	7.64	AV

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Operation Mode :	802.11ax_40	Tone & RU Index :	52T & 37	MCS Index :	MCS0
Channel No. :	102	Frequency :	5510 MHz	Band :	UNII-2C

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	64.90	H	64.90	73.98	9.08	PK
5350 - 5460	46.93	H	46.93	53.98	7.05	AV
5460 - 5470	63.59	H	63.59	68.20	4.61	PK

Operation Mode :	802.11ax_40	Tone & RU Index :	106T & 53	MCS Index :	MCS0
Channel No. :	38	Frequency :	5190 MHz	Band :	UNII-1

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	61.06	H	61.06	73.98	12.92	PK
4500 - 5150	45.38	H	45.38	53.98	8.60	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	106T & 56	MCS Index :	MCS0
Channel No. :	62	Frequency :	5310 MHz	Band :	UNII-2A

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	65.11	H	65.11	73.98	8.87	PK
5350 - 5460	47.67	H	47.67	53.98	6.31	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	106T & 53	MCS Index :	MCS0
Channel No. :	102	Frequency :	5510 MHz	Band :	UNII-2C

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	60.18	H	60.18	73.98	13.80	PK
5350 - 5460	47.10	H	47.10	53.98	6.88	AV
5460 - 5470	62.73	H	62.73	68.20	5.47	PK

Operation Mode :	802.11ax_40	Tone & RU Index :	242T & 61	MCS Index :	MCS0
Channel No. :	38	Frequency :	5190 MHz	Band :	UNII-1

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	57.22	H	57.22	73.98	16.76	PK
4500 - 5150	44.91	H	44.91	53.98	9.07	AV

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Operation Mode :	802.11ax_40	Tone & RU Index :	242T & 62		MCS Index :	MCS0
Channel No. :	62	Frequency :	5310 MHz		Band :	UNII-2A
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.40	H	59.40	73.98	14.58	PK
5350 - 5460	45.34	H	45.34	53.98	8.64	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	242T & 61		MCS Index :	MCS0
Channel No. :	102	Frequency :	5510 MHz		Band :	UNII-2C
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	60.26	H	60.26	73.98	13.72	PK
5350 - 5460	46.62	H	46.62	53.98	7.36	AV
5460 - 5470	60.23	H	60.23	68.20	7.97	PK

Operation Mode :	802.11ax_40	Tone & RU Index :	484T & 65		MCS Index :	MCS0
Channel No. :	38	Frequency :	5190 MHz		Band :	UNII-1
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	59.60	H	59.60	73.98	14.38	PK
4500 - 5150	47.21	H	47.21	53.98	6.77	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	484T & 65		MCS Index :	MCS0
Channel No. :	62	Frequency :	5310 MHz		Band :	UNII-2A
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.99	H	58.99	73.98	14.99	PK
5350 - 5460	46.65	H	46.65	53.98	7.33	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	484T & 65		MCS Index :	MCS0
Channel No. :	102	Frequency :	5510 MHz		Band :	UNII-2C
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.79	H	58.79	73.98	15.19	PK
5350 - 5460	46.12	H	46.12	53.98	7.86	AV
5460 - 5470	60.47	H	60.47	68.20	7.73	PK

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Operation Mode :	802.11ax_40	Tone & RU Index :	SU	MCS Index :	MCS0
Channel No. :	38	Frequency :	5190 MHz	Band :	UNII-1

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	59.37	H	59.37	73.98	14.61	PK
4500 - 5150	46.56	H	46.56	53.98	7.42	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	SU	MCS Index :	MCS0
Channel No. :	62	Frequency :	5310 MHz	Band :	UNII-2A

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.13	H	59.13	73.98	14.85	PK
5350 - 5460	46.46	H	46.46	53.98	7.52	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	SU	MCS Index :	MCS0
Channel No. :	102	Frequency :	5510 MHz	Band :	UNII-2C

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.88	H	58.88	73.98	15.10	PK
5350 - 5460	45.82	H	45.82	53.98	8.16	AV
5460 - 5470	60.70	H	60.70	68.20	7.50	PK

Operation Mode :	802.11ax_80	Tone & RU Index :	26T & 0	MCS Index :	MCS0
Channel No. :	42	Frequency :	5210 MHz	Band :	UNII-1

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	64.93	H	64.93	73.98	9.05	PK
4500 - 5150	48.81	H	48.81	53.98	5.17	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	26T & 36	MCS Index :	MCS0
Channel No. :	58	Frequency :	5290 MHz	Band :	UNII-2A

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	66.66	H	66.66	73.98	7.32	PK
5350 - 5460	50.77	H	50.77	53.98	3.21	AV

The report shall not be (partly) reproduced except in full without approval of the laboratory.

Operation Mode :	802.11ax_80	Tone & RU Index :	26T & 0	MCS Index :	MCS0
Channel No. :	106	Frequency :	5530 MHz	Band :	UNII-2C

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	63.68	H	63.68	73.98	10.30	PK
5350 - 5460	50.76	H	50.76	53.98	3.22	AV
5460 - 5470	58.05	H	58.05	68.20	10.15	PK

Operation Mode :	802.11ax_80	Tone & RU Index :	52T & 37	MCS Index :	MCS0
Channel No. :	42	Frequency :	5210 MHz	Band :	UNII-1

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	62.51	H	62.51	73.98	11.47	PK
4500 - 5150	47.35	H	47.35	53.98	6.63	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	52T & 52	MCS Index :	MCS0
Channel No. :	58	Frequency :	5290 MHz	Band :	UNII-2A

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	64.63	H	64.63	73.98	9.35	PK
5350 - 5460	49.58	H	49.58	53.98	4.40	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	52T & 37	MCS Index :	MCS0
Channel No. :	106	Frequency :	5530 MHz	Band :	UNII-2C

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	62.89	H	62.89	73.98	11.09	PK
5350 - 5460	49.67	H	49.67	53.98	4.31	AV
5460 - 5470	57.77	H	57.77	68.20	10.43	PK

Operation Mode :	802.11ax_80	Tone & RU Index :	106T & 53	MCS Index :	MCS0
Channel No. :	42	Frequency :	5210 MHz	Band :	UNII-1

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	60.64	H	60.64	73.98	13.34	PK
4500 - 5150	45.37	H	45.37	53.98	8.61	AV

The report shall not be (partly) reproduced except in full without approval of the laboratory.

Operation Mode :	802.11ax_80	Tone & RU Index :	106T & 60		MCS Index :	MCS0
Channel No. :	58	Frequency :	5290 MHz		Band :	UNII-2A
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	62.44	H	62.44	73.98	11.54	PK
5350 - 5460	48.21	H	48.21	53.98	5.77	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	106T & 53		MCS Index :	MCS0
Channel No. :	106	Frequency :	5530 MHz		Band :	UNII-2C
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	61.52	H	61.52	73.98	12.46	PK
5350 - 5460	48.23	H	48.23	53.98	5.75	AV
5460 - 5470	61.15	H	61.15	68.20	7.05	PK

Operation Mode :	802.11ax_80	Tone & RU Index :	242T & 61		MCS Index :	MCS0
Channel No. :	42	Frequency :	5210 MHz		Band :	UNII-1
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	57.30	H	57.30	73.98	16.68	PK
4500 - 5150	45.11	H	45.11	53.98	8.87	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	242T & 64		MCS Index :	MCS0
Channel No. :	58	Frequency :	5290 MHz		Band :	UNII-2A
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	60.16	H	60.16	73.98	13.82	PK
5350 - 5460	46.50	H	46.50	53.98	7.48	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	242T & 61		MCS Index :	MCS0
Channel No. :	106	Frequency :	5530 MHz		Band :	UNII-2C
Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.91	H	58.91	73.98	15.07	PK
5350 - 5460	45.88	H	45.88	53.98	8.10	AV
5460 - 5470	59.63	H	59.63	68.20	8.57	PK

The report shall not be (partly) reproduced except in full without approval of the laboratory.

Operation Mode :	802.11ax_80	Tone & RU Index :	484T & 65	MCS Index :	MCS0
Channel No. :	42	Frequency :	5210 MHz	Band :	UNII-1

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	58.28	H	58.28	73.98	15.70	PK
4500 - 5150	45.87	H	45.87	53.98	8.11	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	484T & 66	MCS Index :	MCS0
Channel No. :	58	Frequency :	5290 MHz	Band :	UNII-2A

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	61.09	H	61.09	73.98	12.89	PK
5350 - 5460	46.73	H	46.73	53.98	7.25	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	484T & 65	MCS Index :	MCS0
Channel No. :	106	Frequency :	5530 MHz	Band :	UNII-2C

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.86	H	59.86	73.98	14.12	PK
5350 - 5460	47.14	H	47.14	53.98	6.84	AV
5460 - 5470	62.00	H	62.00	68.20	6.20	PK

Operation Mode :	802.11ax_80	Tone & RU Index :	996T & 67	MCS Index :	MCS0
Channel No. :	42	Frequency :	5210 MHz	Band :	UNII-1

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	61.66	H	61.66	73.98	12.32	PK
4500 - 5150	48.55	H	48.55	53.98	5.43	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	996T & 67	MCS Index :	MCS0
Channel No. :	58	Frequency :	5290 MHz	Band :	UNII-2A

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.98	H	59.98	73.98	14.00	PK
5350 - 5460	46.64	H	46.64	53.98	7.34	AV

The report shall not be (partly) reproduced except in full without approval of the laboratory.

Operation Mode :	802.11ax_80	Tone & RU Index :	996T & 67	MCS Index :	MCS0
Channel No. :	106	Frequency :	5530 MHz	Band :	UNII-2C

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	61.12	H	61.12	73.98	12.86	PK
5350 - 5460	47.67	H	47.67	53.98	6.31	AV
5460 - 5470	61.35	H	61.35	68.20	6.85	PK

Operation Mode :	802.11ax_80	Tone & RU Index :	SU	MCS Index :	MCS0
Channel No. :	42	Frequency :	5210 MHz	Band :	UNII-1

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
4500 - 5150	59.54	H	59.54	73.98	14.44	PK
4500 - 5150	48.29	H	48.29	53.98	5.69	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	SU	MCS Index :	MCS0
Channel No. :	58	Frequency :	5290 MHz	Band :	UNII-2A

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.84	H	58.84	73.98	15.14	PK
5350 - 5460	47.55	H	47.55	53.98	6.43	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	SU	MCS Index :	MCS0
Channel No. :	106	Frequency :	5530 MHz	Band :	UNII-2C

Frequency [MHz]	Measured Value [dBµV]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.73	H	58.73	73.98	15.25	PK
5350 - 5460	46.44	H	46.44	53.98	7.54	AV
5460 - 5470	60.55	H	60.55	68.20	7.65	PK

Note:

All Modes of operation were investigated and the worst case configuration results are reported.

In order to simplify the report, We only have attached Bandedge result of worst case.

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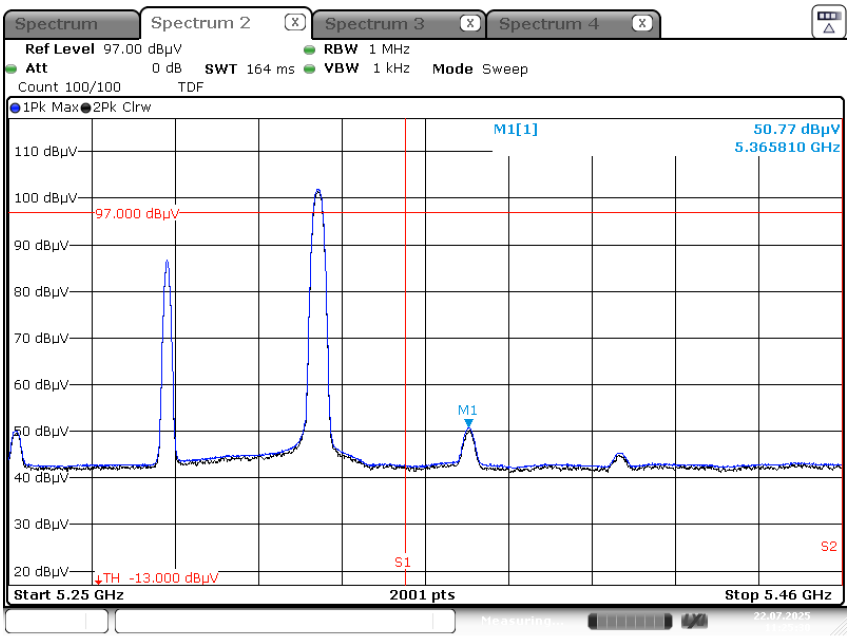
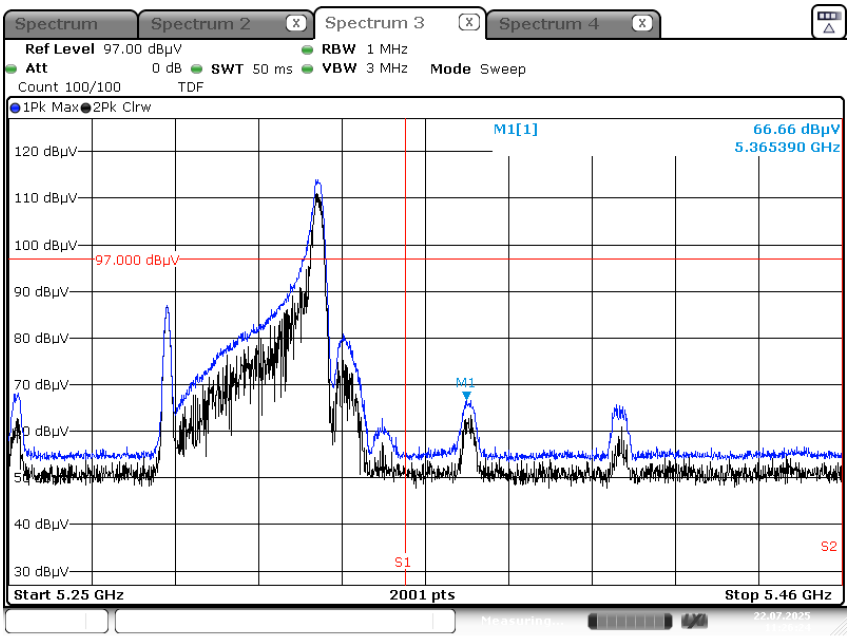
▣ Test Plots(UNII 1, 2A, 2C)

[MIMO_CDD(Ant.1+ Ant.2)]

Radiated Restricted Band Edges plot - Average result (802.11ax(HE80), Ch.58, X-H) – 26T RU 36



Radiated Restricted Band Edges plot - Peak result (802.11ax(HE80), Ch.58, X-H) – 26T RU 36



Note:

Only the worst case plots for Radiated Restricted Band Edge.

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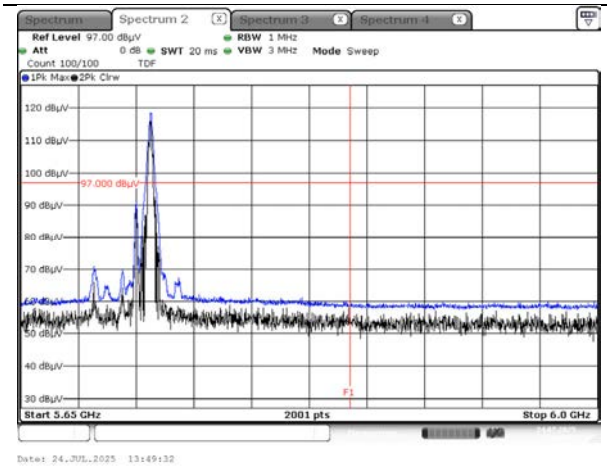
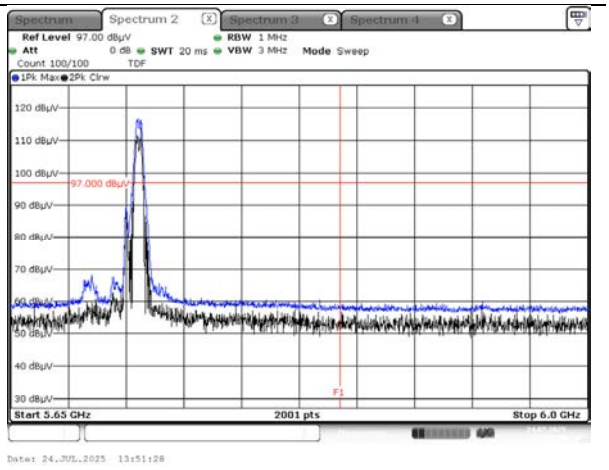
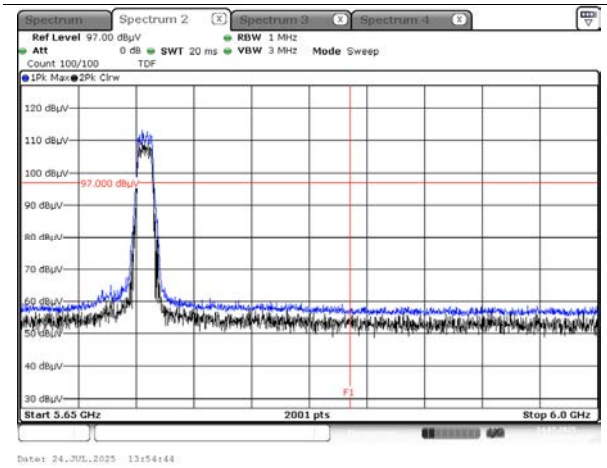
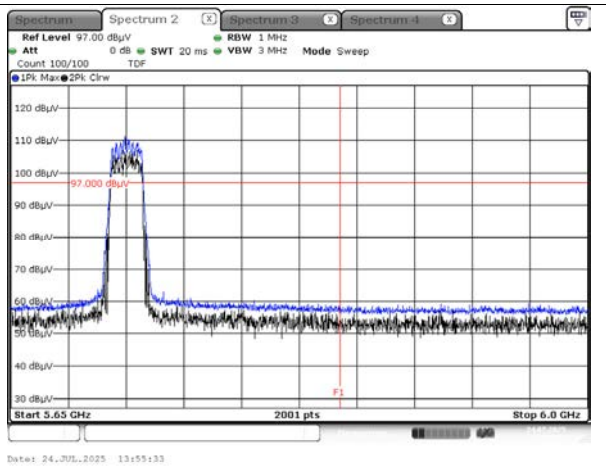
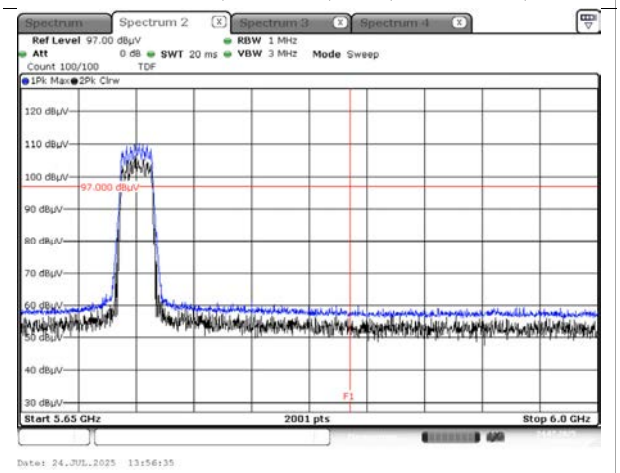
▣ Test Plots(Straddle Channel)_Upper edge

[MIMO_CDD(Ant.1+ Ant.2)]

Peak result (802.11ax(HE20) Ch.144, 26T RU 8)	Peak result (802.11ax(HE20) Ch.144, 52T RU 40)
	
Peak result (802.11ax(HE20) Ch.144, 106T RU 54)	Peak result (802.11ax(HE20) Ch.144, 242T RU 61)
	
Peak result (802.11ax(HE20) Ch.144, SU)	
	

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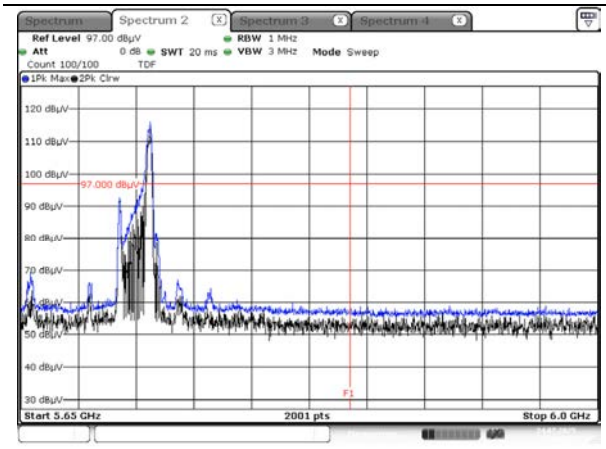
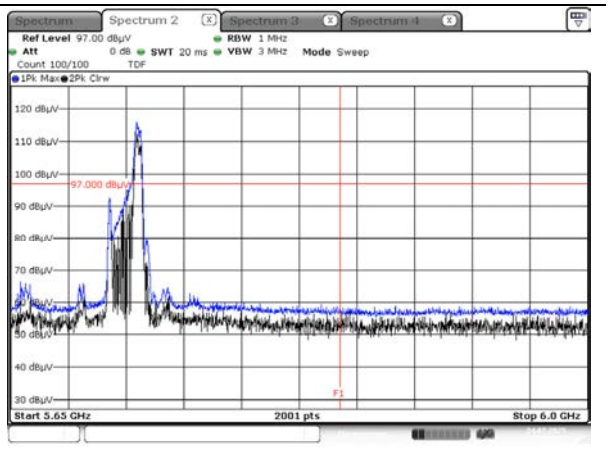
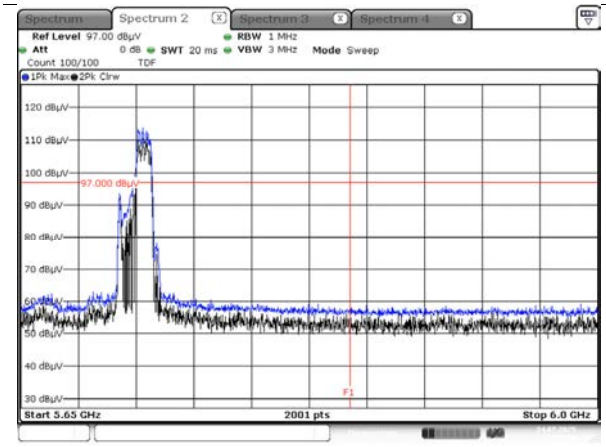
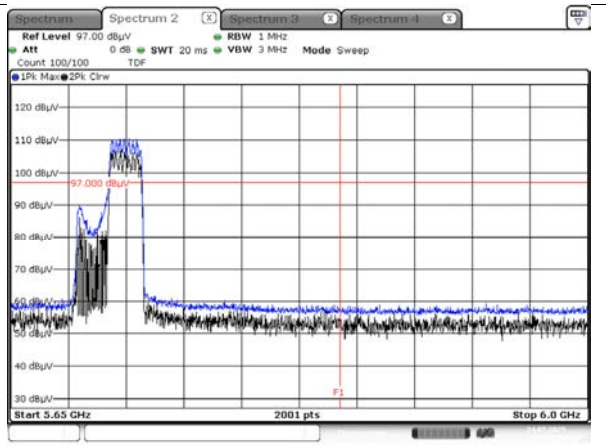
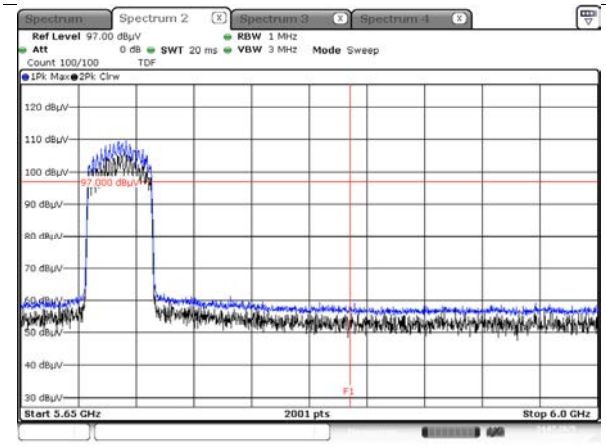
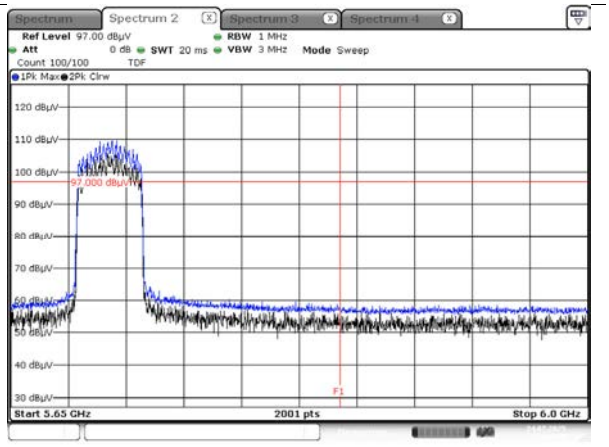
Peak result (802.11ax(HE40) Ch.142, 26T RU 17)	Peak result (802.11ax(HE40) Ch.142, 52T RU 44)
	
Peak result (802.11ax(HE40) Ch.142, 106T RU 56)	Peak result (802.11ax(HE40) Ch.142, 242T RU 62)
	
Peak result (802.11ax(HE40) Ch.142, 484T RU 65)	Peak result (802.11ax(HE40) Ch.142, SU)
	

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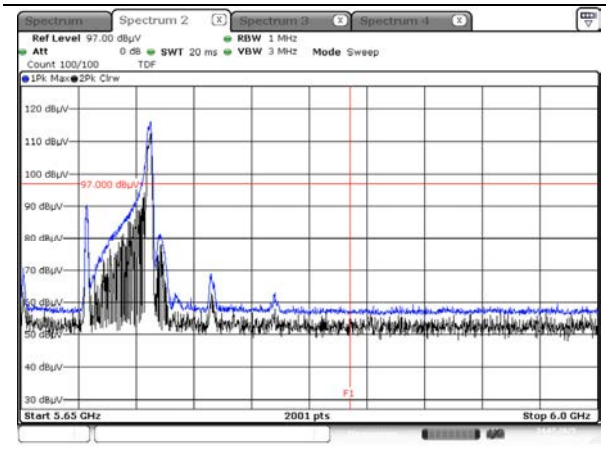
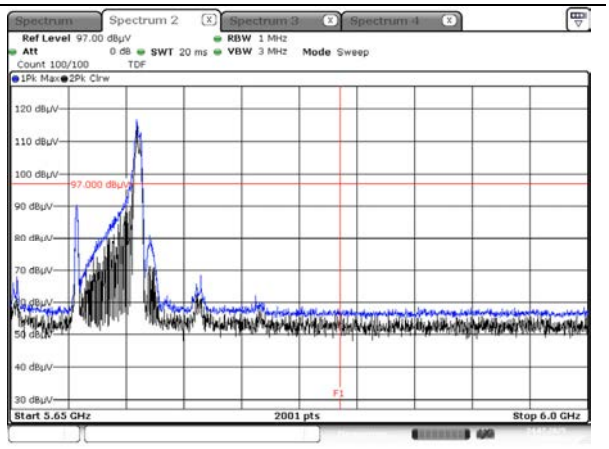
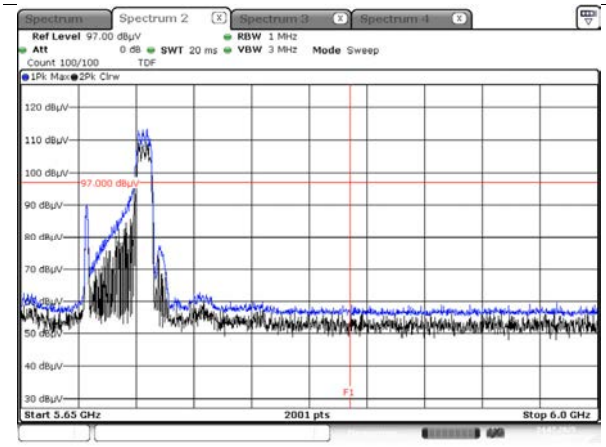
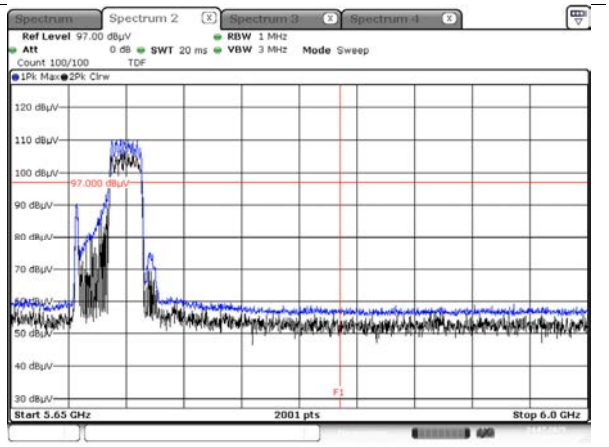
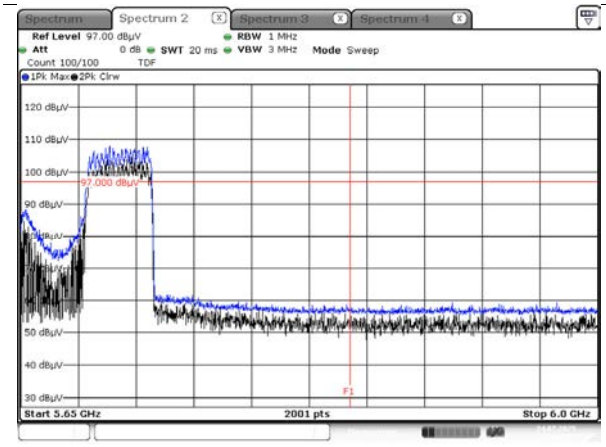
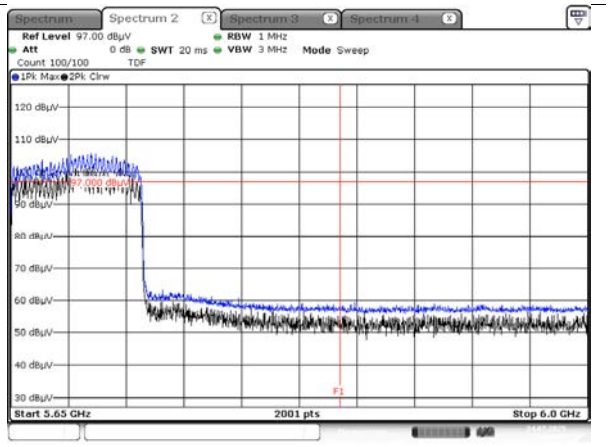
Peak result (802.11ax(HE80) Ch.138, 26T RU 36)	Peak result (802.11ax(HE80) Ch.138, 52T RU 52)
	
Peak result (802.11ax(HE80) Ch.138, 106T RU 60)	Peak result (802.11ax(HE80) Ch.138, 242T RU 64)
	
Peak result (802.11ax(HE80) Ch.138, 484T RU 66)	Peak result (802.11ax(HE80) Ch.138, 996T RU 67)
	

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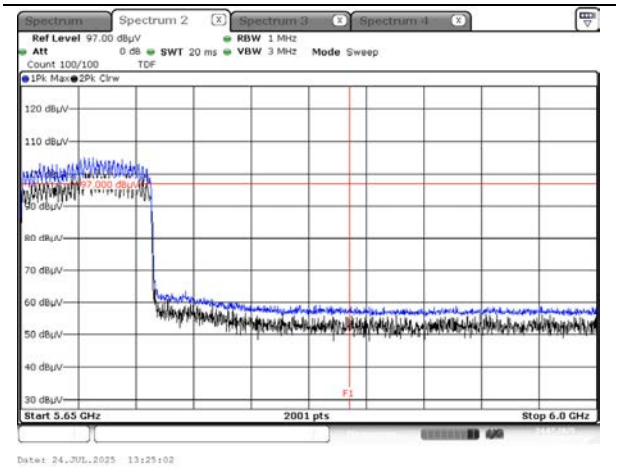
Peak result (802.11ax(HE80) Ch.138, SU)



Note :

1. Only the worst case plots for Radiated Restricted Band Edge.
2. Red line : 5 850 MHz
3. Ambient Noise (Because of ambient noise, We attached only the worst plot without a data table)

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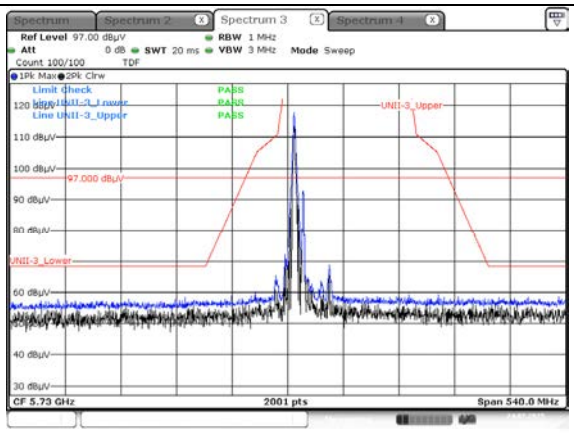
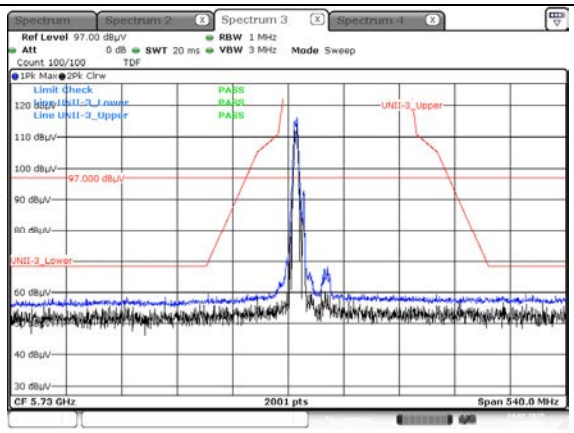
▣ Test Plots(UNII 3)_Low Edge

[MIMO_CDD(Ant.1+ Ant.2)]

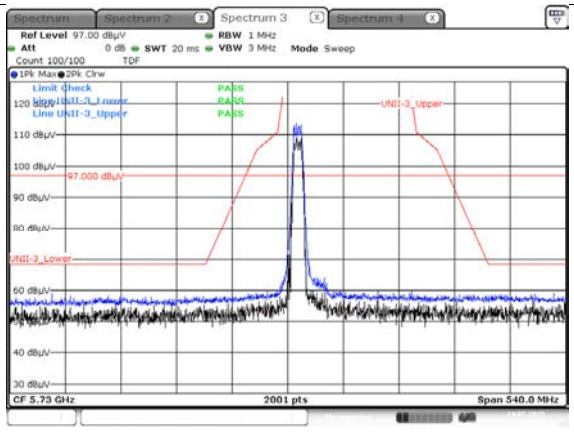
Peak result (802.11ax(HE20) Ch.149, 26T RU 0)



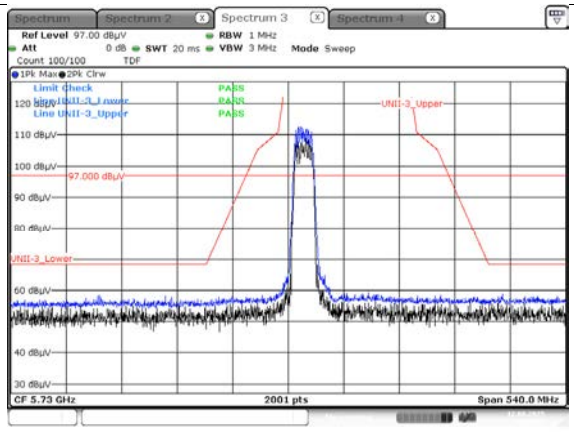
Peak result (802.11ax(HE20) Ch.149, 52T RU 37)



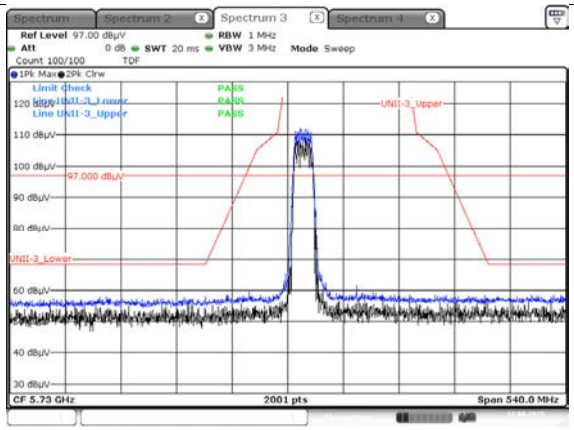
Peak result (802.11ax(HE20) Ch.149, 106T RU 53)



Peak result (802.11ax(HE20) Ch.149, 242T RU 61)



Peak result (802.11ax(HE20) Ch.149, SU)



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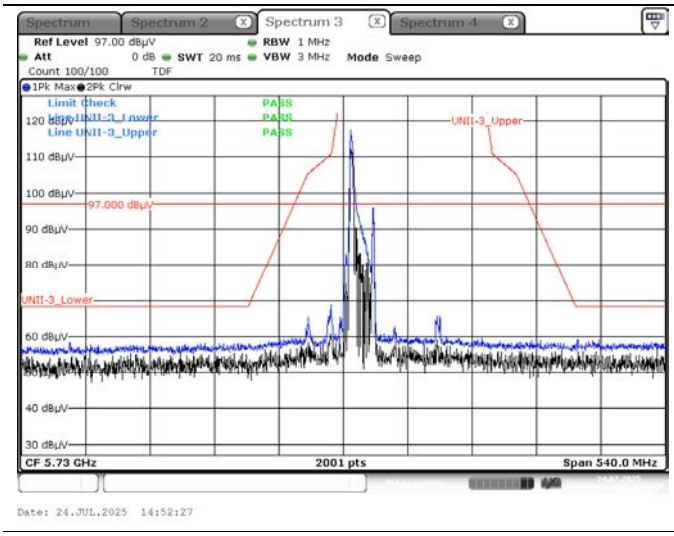
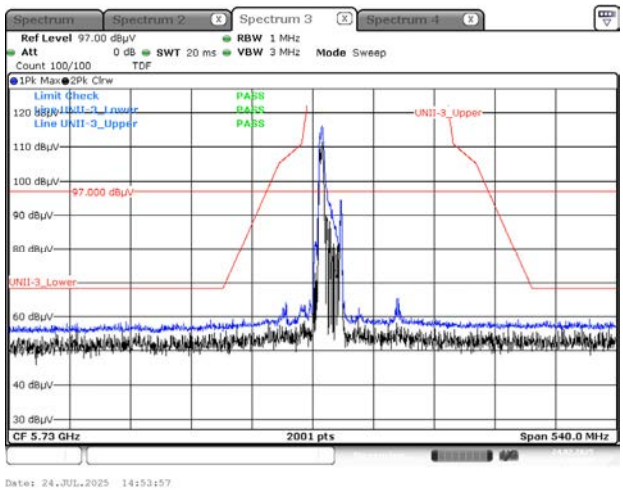
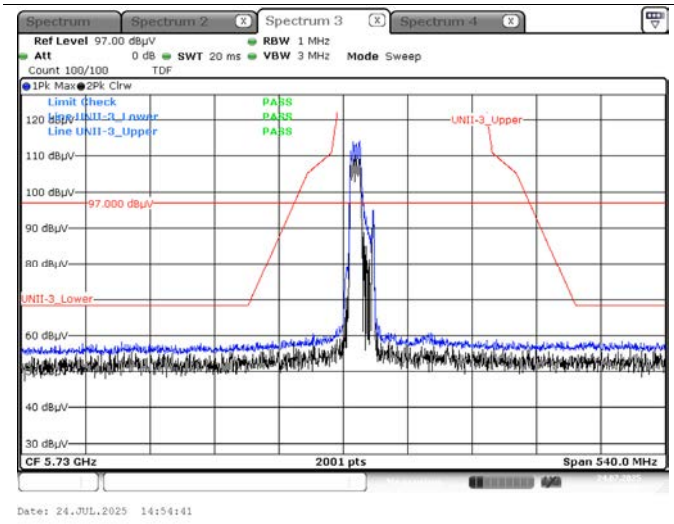
Peak result (802.11ax(HE40) Ch.151, 26T RU 0)



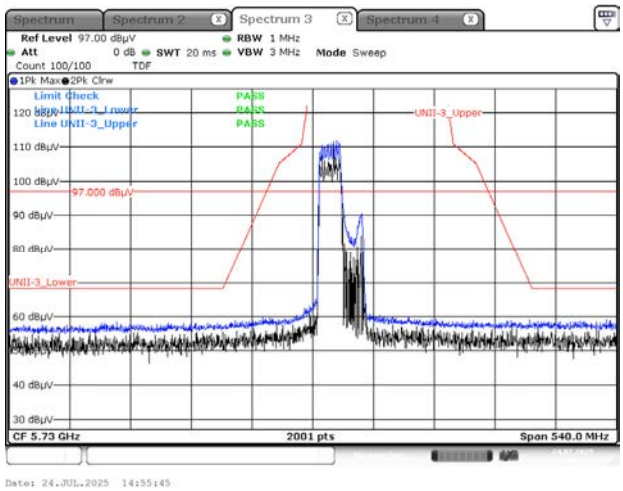
Peak result (802.11ax(HE40) Ch.151, 52T RU 37)



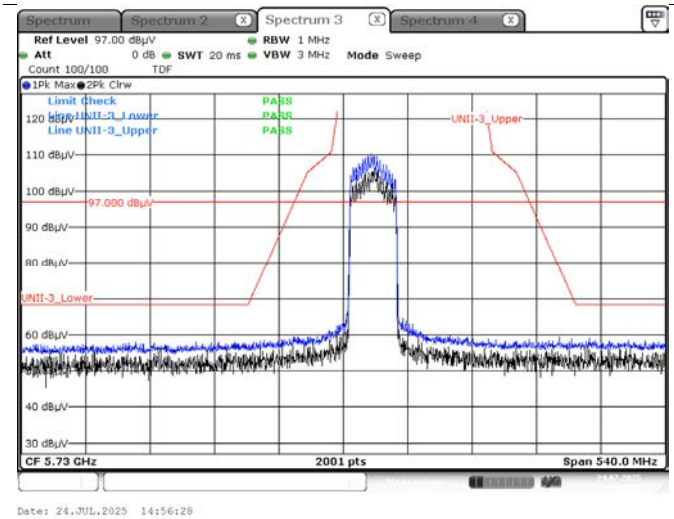
Peak result (802.11ax(HE40) Ch.151, 106T RU 53)



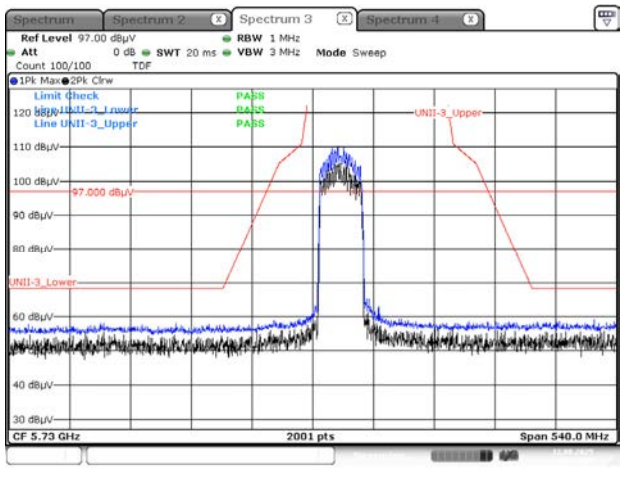
Peak result (802.11ax(HE40) Ch.151, 242T RU 61)



Peak result (802.11ax(HE40) Ch.151, 484T RU 65)



Peak result (802.11ax(HE40) Ch.151, SU)



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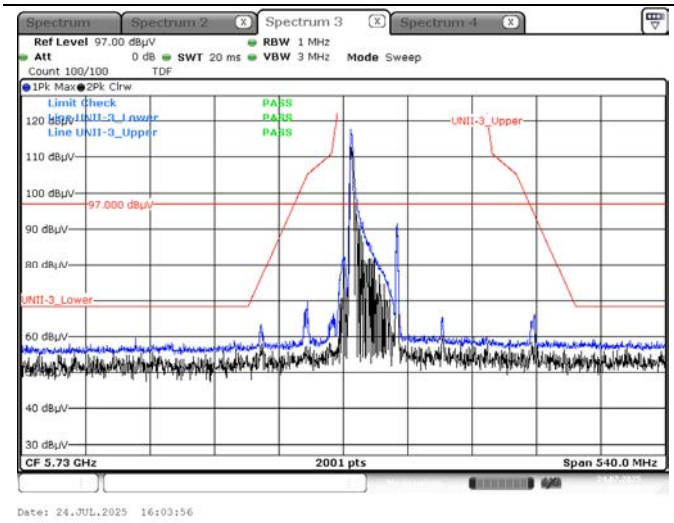
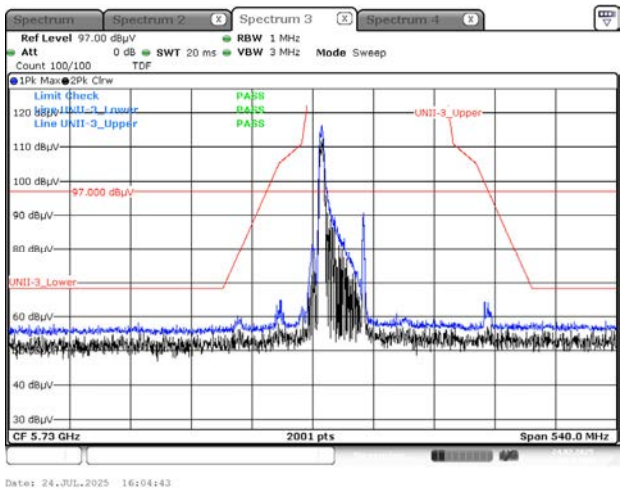
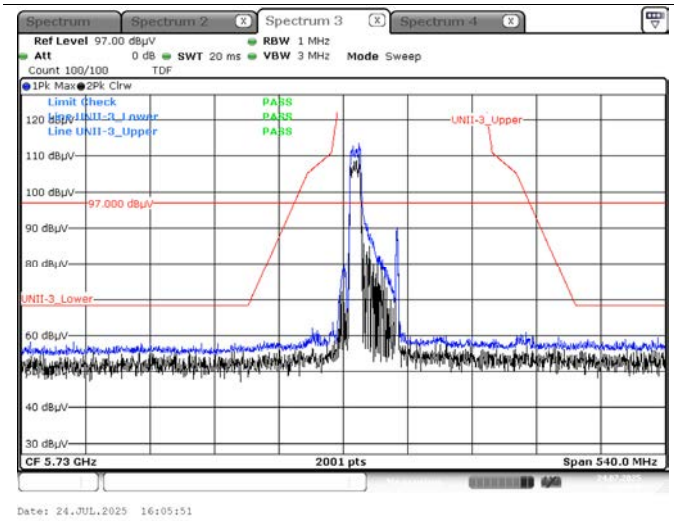
Peak result (802.11ax(HE80) Ch.155, 26T RU 0)



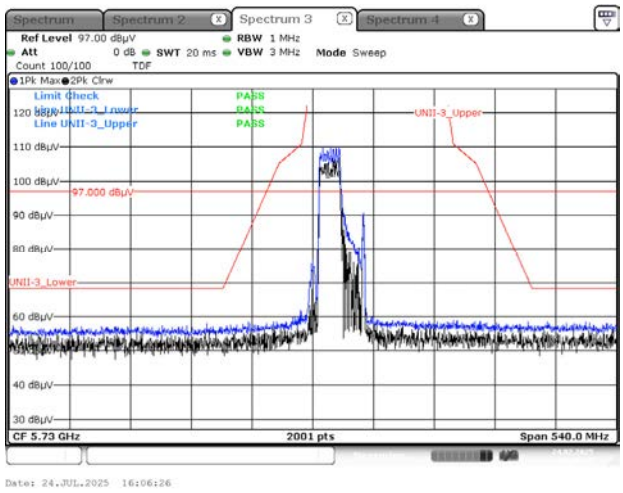
Peak result (802.11ax(HE80) Ch.155, 52T RU 37)



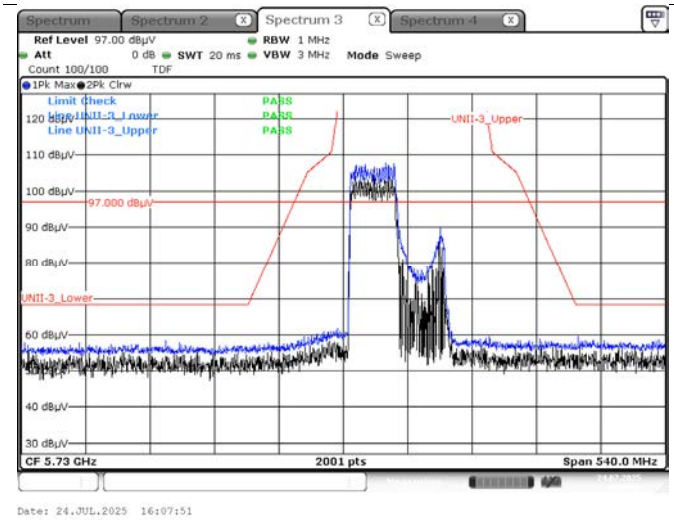
Peak result (802.11ax(HE80) Ch.155, 106T RU 53)



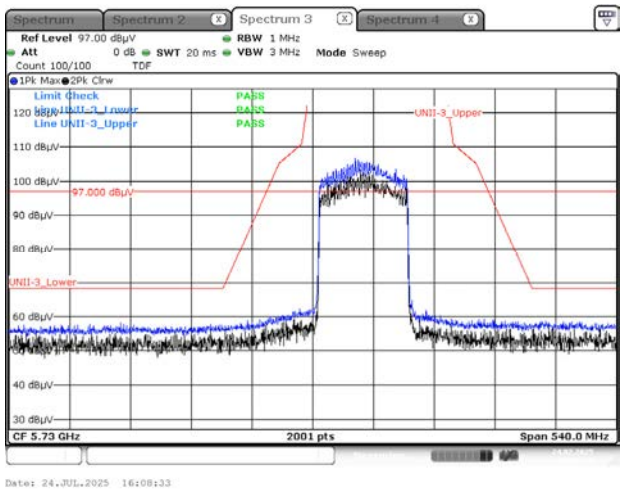
Peak result (802.11ax(HE80) Ch.155, 242T RU 61)



Peak result (802.11ax(HE80) Ch.155, 484T RU 65)



Peak result (802.11ax(HE80) Ch.155, 996T RU 67)



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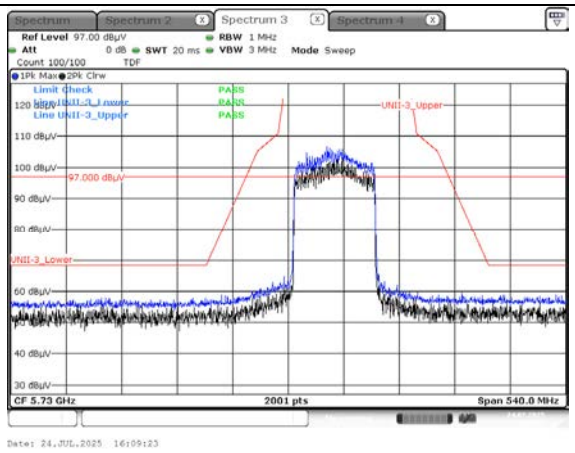
Peak result (802.11ax(HE80) Ch.155, SU)



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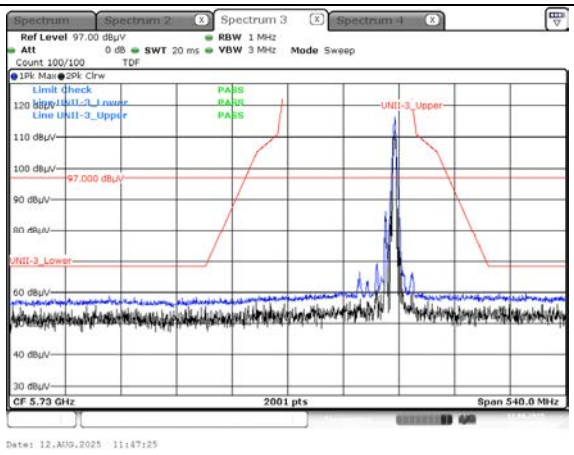
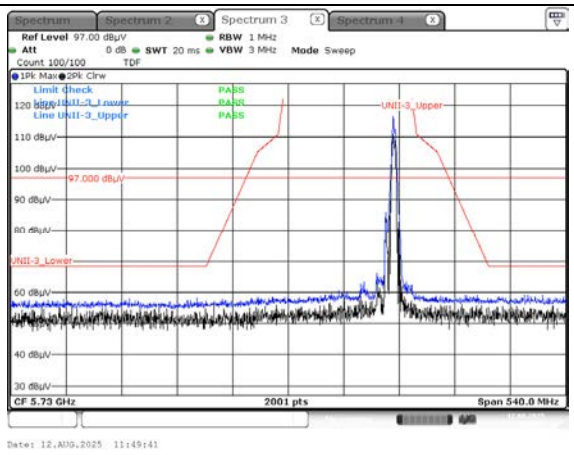
▣ Test Plots(UNII 3)_High Edge

[MIMO_CDD(Ant.1+ Ant.2)]

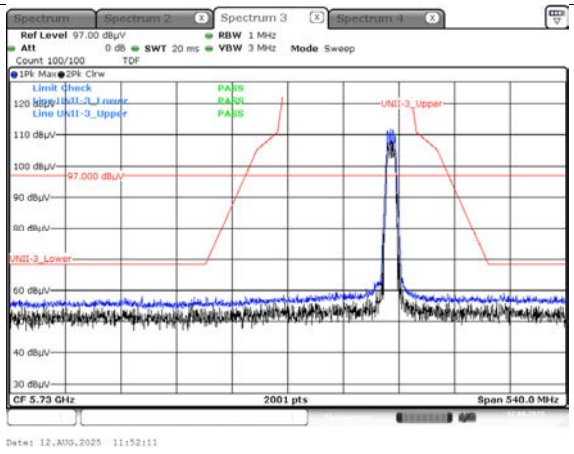
Peak result (802.11ax(HE20) Ch.165, 26T RU 8)



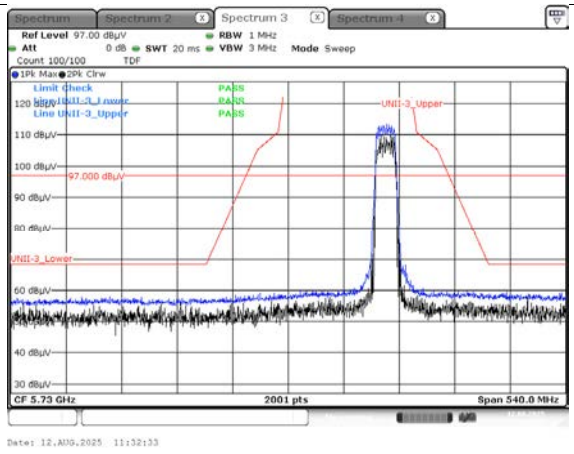
Peak result (802.11ax(HE20) Ch.165, 52T RU 40)



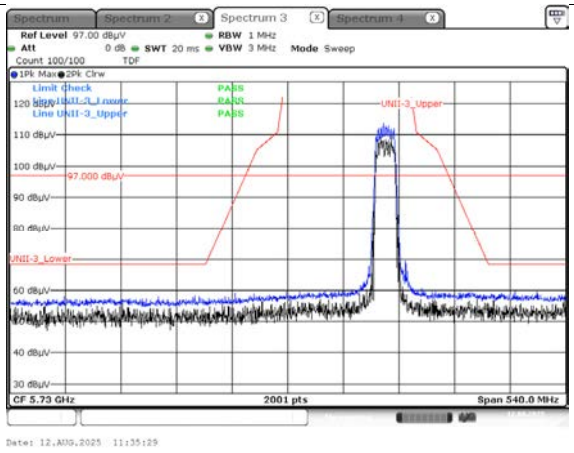
Peak result (802.11ax(HE20) Ch.165, 106T RU 54)



Peak result (802.11ax(HE20) Ch.165, 242T RU 61)



Peak result (802.11ax(HE20) Ch.165, SU)



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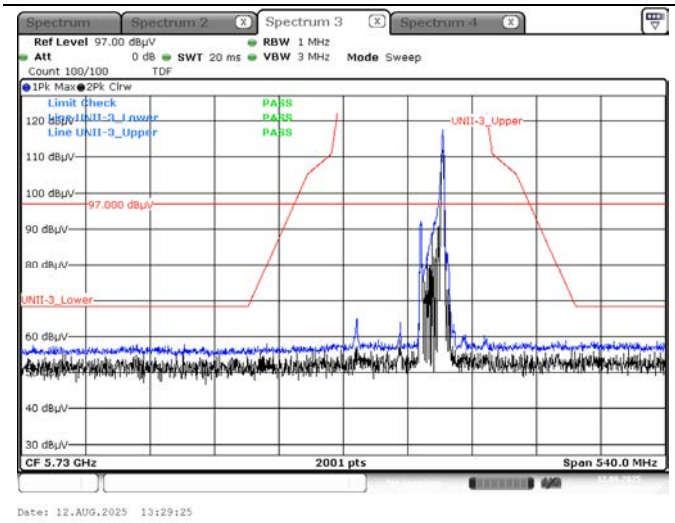
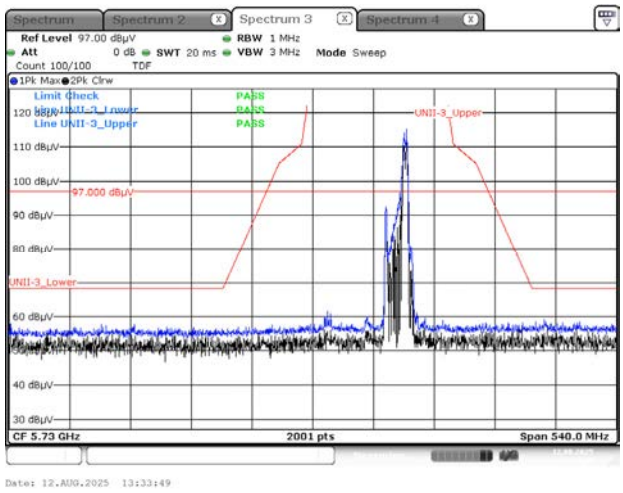
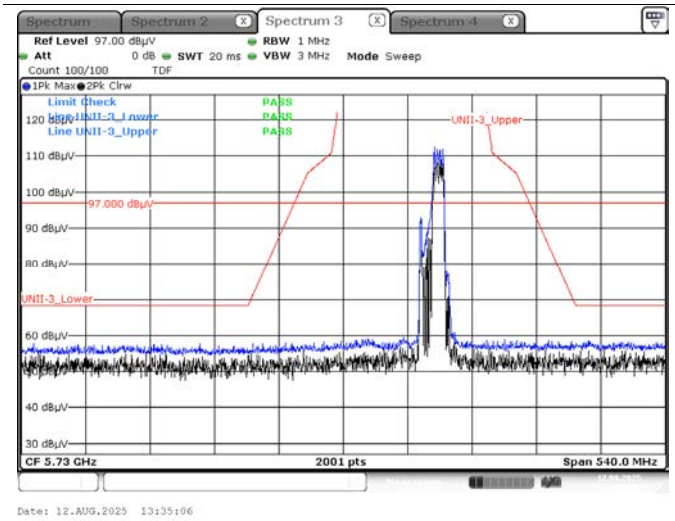
Peak result (802.11ax(HE40) Ch.159, 26T RU 17)



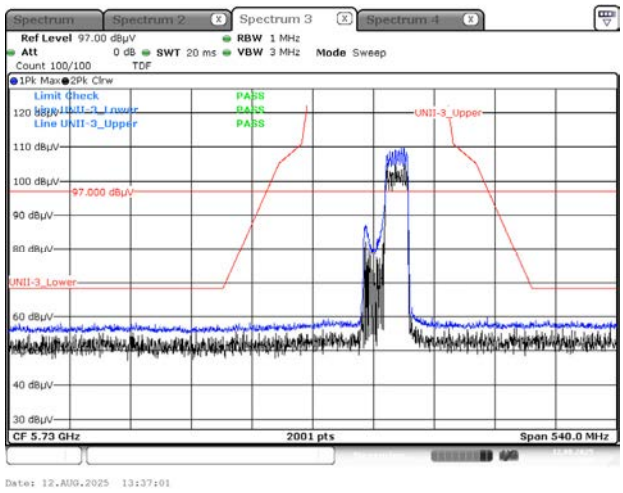
Peak result (802.11ax(HE40) Ch.159, 52T RU 44)



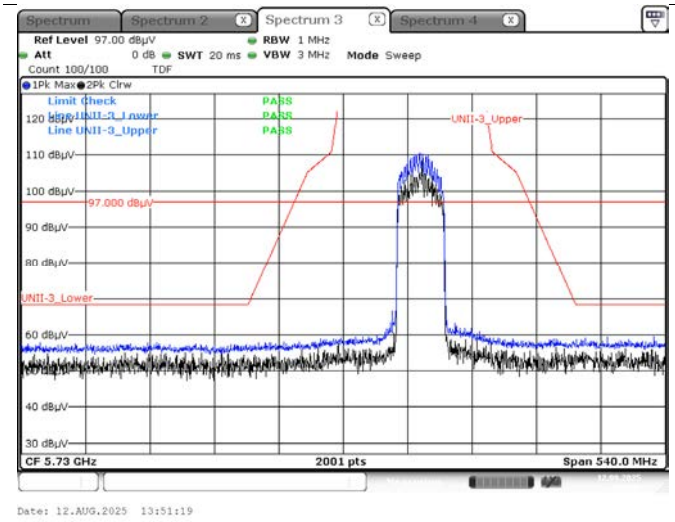
Peak result (802.11ax(HE40) Ch.159, 106T RU 56)



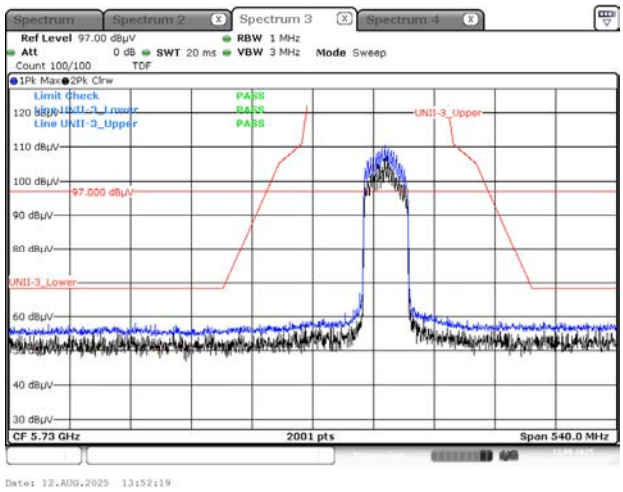
Peak result (802.11ax(HE40) Ch.159, 242T RU 62)



Peak result (802.11ax(HE40) Ch.159, 484T RU 65)



Peak result (802.11ax(HE40) Ch.159, SU)



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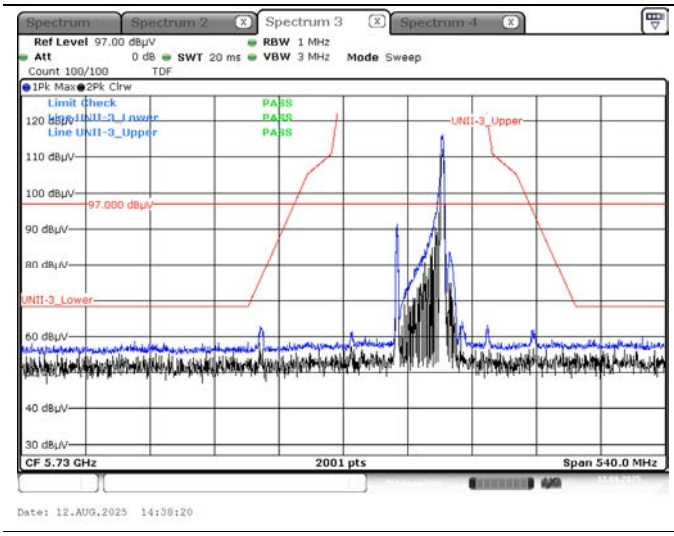
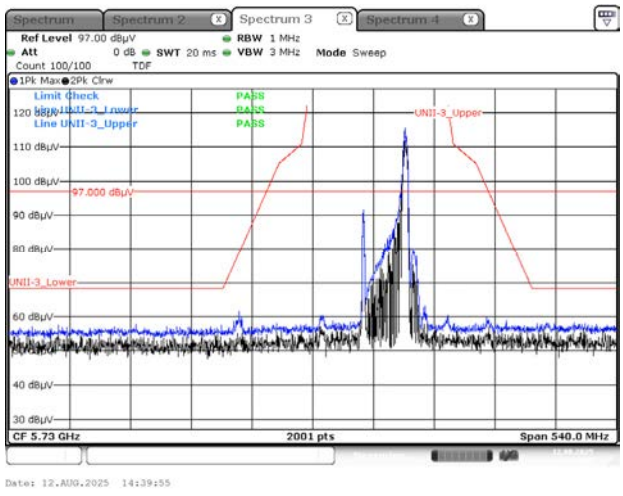
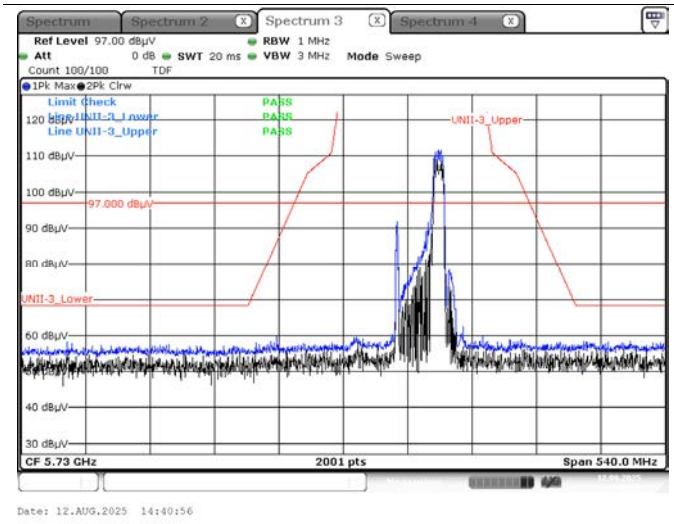
Peak result (802.11ax(HE80) Ch.155, 26T RU 36)



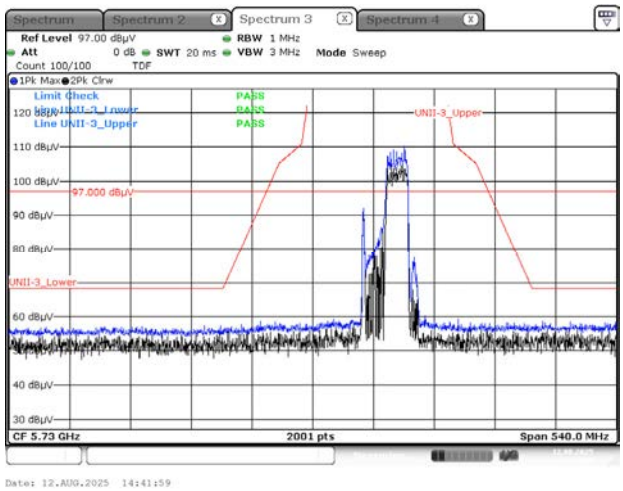
Peak result (802.11ax(HE80) Ch.155, 52T RU 52)



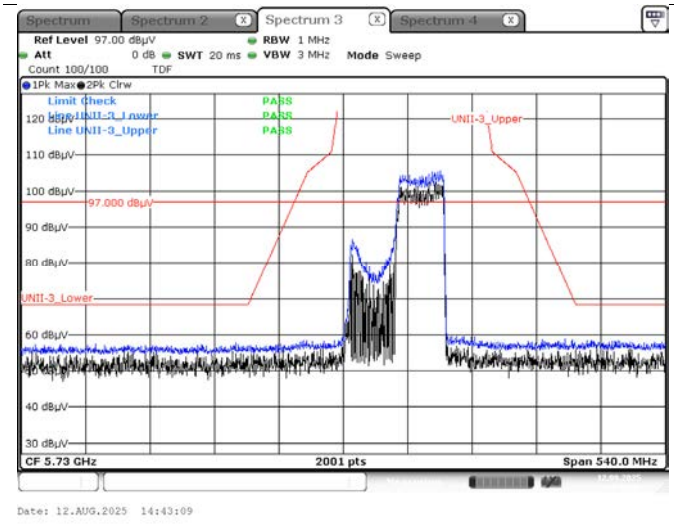
Peak result (802.11ax(HE80) Ch.155, 106T RU 60)



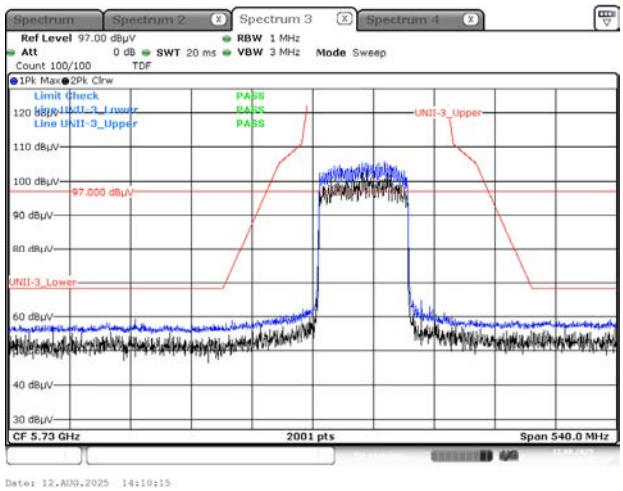
Peak result (802.11ax(HE80) Ch.155, 242T RU 64)



Peak result (802.11ax(HE80) Ch.155, 484T RU 66)



Peak result (802.11ax(HE80) Ch.155, 996T RU 67)



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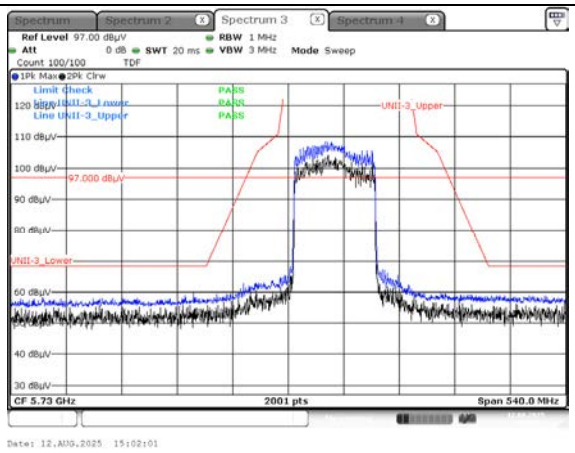
Peak result (802.11ax(HE80) Ch.155, SU)



Note :

1. Only the worst case plots for U-NII-3 Out of Band e.i.r.p Emission.
2. U-NII-3 Low & High Band Edge Red Line is Final Test Limit about factor value compensation.

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11. LIST OF TESTEQUIPMENT

Conducted Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
LISN	ENV216	Rohde & Schwarz	102245	07/15/2026	Annual
EMI Test Receiver	ESR	Rohde & Schwarz	101910	08/20/2026	Annual
Temperature Chamber	SU-642	ESPEC	93022487	06/26/2026	Annual
Signal Analyzer	N9030A	Keysight	MY55410508	07/23/2026	Annual
Power Measurement Set	OSP 120	Rohde & Schwarz	100935	07/24/2026	Annual
Power Meter	N1911A	Agilent	MY45100523	02/21/2026	Annual
Power Sensor	N1921A	Agilent	MY57820067	02/04/2026	Annual
Directional Coupler	87300B	Agilent	3116A03621	10/21/2025	Annual
Power Splitter	11667B	Hewlett Packard	10545	01/23/2026	Annual
DC Power Supply	E3632A	Agilent	KR75305528	12/24/2025	Annual
Attenuator(10 dB)(DC-26.5 GHz)	8493C-010	Agilent	08285	05/19/2026	Annual
Attenuator(20 dB)	18N-20dB	Rohde & Schwarz	8	02/18/2026	Annual
Software	EMC32	Rohde & Schwarz	N/A	N/A	N/A
Automation Software	FCC WLAN Conducted	HCT CO., LTD.	-	-	-
Automation Software	FCC BT Conducted	HCT CO., LTD.	-	-	-
Bluetooth Tester	CBT	Rohde & Schwarz	100752	12/27/2025	Annual

Note:

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.

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Radiated Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
Controller (Antenna mast & Turn Table)	CO3000	Innco system	CO3000-4p	N/A	N/A
Antenna Position Tower	MA4640/800-XP-EP	Innco system	S3AM	07/25/2026	Annual
Turn Table	DS1500-S-1t	Innco system	N/A	N/A	N/A
Loop Antenna	FMZB 1513	Rohde & Schwarz	1513-333	03/07/2026	Biennial
Hybrid Antenna	VULB 9168	Schwarzbeck	9168-0895	08/28/2026	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	9120D-1191	11/07/2025	Biennial
Horn Antenna (15 GHz ~ 40 GHz)	BBHA9170	Schwarzbeck	BBHA9170124	03/23/2027	Biennial
Band Reject Filter	WRCJV2400/2483.5-2370/2520-60/12SS	Wainwright Instruments	2	12/26/2025	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments	5	05/27/2026	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments	6	05/27/2026	Annual
Band Reject Filter	WRCJV5100/5850-40/50-8EEK	Wainwright Instruments	1	01/09/2026	Annual
Amp & Filter Bank Switch Controller	FBSM-01A	TNM system	0	N/A	N/A
RF Switching System	FBSR-03A (3G HPF+LNA)	T&M SYSTEM	S3L1	10/31/2025	Annual
RF Switching System	FBSR-03A (10dB ATT+LNA)	T&M SYSTEM	S3L2	10/31/2025	Annual
RF Switching System	FBSR-03A (7G HPF+LNA)	T&M SYSTEM	S3L3	10/31/2025	Annual
RF Switching System	FBSR-03A (3dB ATT+LNA)	T&M SYSTEM	S3L4	10/31/2025	Annual
Automation Software	FCC WLAN Radiated	HCT CO., LTD.	-	-	-
Power Amplifier	CBL18265035	CERNEX	22966	11/07/2025	Annual
Power Amplifier	CBL26405040	CERNEX	25956	02/19/2026	Annual
Bluetooth Tester	TC-3000C	TESCOM	3000C000175	03/12/2026	Annual
Spectrum Analyzer	FSV40 (9 kHz ~ 40 GHz)	Rohde & Schwarz	100900	08/27/2026	Annual

Note:

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.
3. Especially, all antenna for measurement is calibrated in accordance with the requirements of C63.5(Version : 2017).

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12. ANNEX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-2509-FC007-P

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