TEST REPORT

FCC UNII 6G Test for LGSWNAX61
Certification

APPLICANT
LG Electronics Inc.

REPORT NO.
HCT-RF-2509-FC008

DATE OF ISSUE
September 3, 2025

Tested by
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Accredited by KOLAS, Republic of KOREA

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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
Modulation type	OFDM/OFDMA
FCC Classification	15E 6 GHz Low Power Dual Client
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

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)

CONTENTS

1. GENERAL INFORMATION

EUT DESCRIPTION

Model	LGSWNAX61	
Additional Model	-	
EUT Type	RF Module	
Power Supply	DC 3.30 V	
Modulation Type	OFDM/OFDMA	
Frequency Range (MHz)	Indoor Client	
	U-NII-5	20 MHz BW : 5955 - 6415 40 MHz BW : 5965 - 6405 80 MHz BW : 5985 - 6385
	U-NII-6	20 MHz BW : 6435 - 6515 40 MHz BW : 6445 - 6525 80 MHz BW : 6465 - 6545
	U-NII-7	20 MHz BW : 6535 - 6855 40 MHz BW : 6565 - 6845 80 MHz BW : 6625 – 6785
	U-NII-8	20 MHz BW : 6875 - 7115 40 MHz BW : 6885 - 7085 80 MHz BW : 6865 - 7025
Straddle channel	Supported	
Channel Puncturing	Not supported	
Antenna Specification	Type: Metal Press	
Serial number	Conducted : 6C15DB1726EC Radiated : 0827A8A35EE4 Conducted(CBP) : 6C15DB1726E8	

ANTENNA CONFIGURATIONS

Configurations	SISO		MIMO	
	Ant.1	Ant.2	CDD	SDM
802.11a	O	O	O	X
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 6 GHz 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

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 5	2.65	2.63	2 / 2	5.65	2.65
UNII 6	2.39	2.37		5.39	2.39
UNII 7	2.17	3.40		5.82	3.40
UNII 8	0.84	3.40		5.22	3.40

Note

According to ANSI C63.10-2020 section 14.6.3, the directional gain is calculated using the formula, where G_N is the gain of the nth antenna and N_{ANT} 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

2. MAXIMUM OUTPUT POWER

The transmitter has a Maximum Conducted Output Power and EIRP Power as follows:

[Indoor Client]

Band	Mode	MIMO_CDD(Ant.1+Ant.2)							
		Output Power						EIRP Power	
		Ant.1		Ant.2		(Ant.1 + Ant.2)			
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)
UNII5	802.11ax(HE20)	-0.13	0.001	1.03	0.001	3.50	0.002	9.15	0.008
	802.11ax(HE40)	2.68	0.002	2.29	0.002	5.50	0.004	11.15	0.013
	802.11ax(HE80)	5.34	0.003	6.05	0.004	8.72	0.007	14.37	0.027
	802.11a	-0.47	0.001	-0.08	0.001	2.74	0.002	8.39	0.007
UNII6	802.11ax(HE20)	0.57	0.001	0.34	0.001	3.47	0.002	8.86	0.008
	802.11ax(HE40)	2.58	0.002	2.80	0.002	5.70	0.004	11.09	0.013
	802.11ax(HE80)	5.62	0.004	5.65	0.004	8.65	0.007	14.04	0.025
	802.11a	-0.04	0.001	-0.36	0.001	2.81	0.002	8.20	0.007
UNII7	802.11ax(HE20)	0.40	0.001	0.42	0.001	3.42	0.002	9.24	0.008
	802.11ax(HE40)	2.37	0.002	2.13	0.002	5.26	0.003	11.08	0.013
	802.11ax(HE80)	5.06	0.003	4.77	0.003	7.93	0.006	13.75	0.024
	802.11a	-0.69	0.001	-0.41	0.001	2.46	0.002	8.28	0.007
UNII8	802.11ax(HE20)	0.68	0.001	0.82	0.001	3.76	0.002	8.99	0.008
	802.11ax(HE40)	2.77	0.002	3.17	0.002	5.98	0.004	11.21	0.013
	802.11ax(HE80)	6.01	0.004	6.25	0.004	9.14	0.008	14.36	0.027
	802.11a	0.07	0.001	0.01	0.001	3.05	0.002	8.27	0.007

3. TEST METHODOLOGY

U-NII 6 GHz devices operating in the 5.925-7.125 GHz band was tested using the following measurement procedure.
[1] FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v03(October 10, 2024)
[2] KDB 789033 D02 General UNII Test Procedures New Rules v02r01(December 14, 2017)
[3] ANSI C63.10(2020) 'American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices'

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.

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 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."

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.

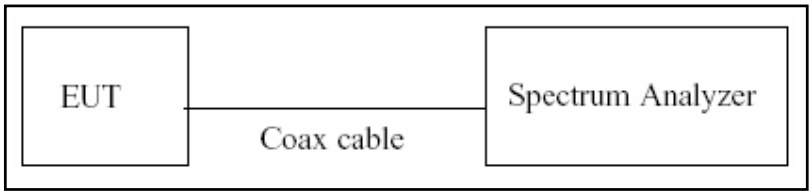
Parameter	Expanded Uncertainty (±kHz)
X dB, 99% Bandwidth	95 (Confidence level about 95 %, *k*=2)
Frequency stability	28 (Confidence level about 95 %, *k*=2)

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)
In-Band Emissions	0.99 (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)

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

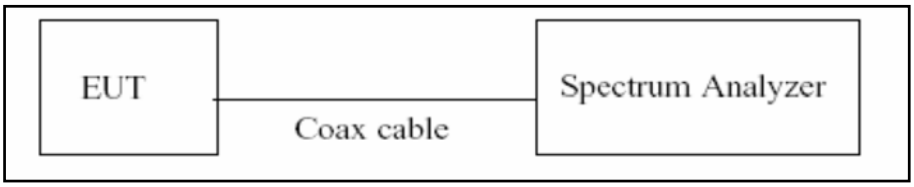
1. RBW = 8 MHz (the largest available value)
2. VBW = 8 MHz (≥ RBW)
3. SPAN = 0 Hz
4. Detector = Peak
5. Number of points in sweep > 100
6. Trace mode = Clear write
7. Measure T_{total} and T_{on}
8. Calculate Duty Cycle = T_{on}/ T_{total} and Duty Cycle Factor = 10log(1/Duty Cycle)

8.2. 26 dB Bandwidth & 99% Occupied Bandwidth

Limit

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

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 (99 % Occupied Bandwidth)

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

The transmitter output is connected to the Spectrum Analyzer.

The Spectrum Analyzer is set to

1. RBW = 1% ~ 5% of the occupied bandwidth
2. VBW ≥ 3 x RBW
3. Detector = Peak
4. Trace mode = max hold
5. Use the 99% power bandwidth function of the instrument

Note:

1. We tested X dB & 99% bandwidth using the automatic bandwidth measurement capability of a spectrum analyzer.
2. The 26 dB bandwidth is used to determine the in-Band Emission limits..

8.3. Output Power Measurement

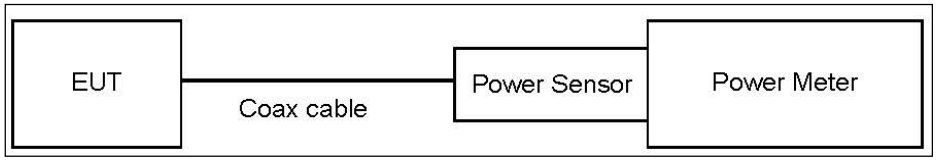
Indoor Client Limit

Band	Limit (e.i.r.p)
UNII 5,6,7,8	24 dBm

[47 CFR 15.407(a)(8)] For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

Test Configuration

Power Meter



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.

Sample Calculation

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

Note

1. Power Meter offset Attenuator loss(10 dB) + Cable loss

2. Actual value of loss for the attenuator and cable combination is below table.

Band	Loss(dB)
UNII 5	10.99
UNII 6	10.99
UNII 7	10.99
UNII 8	10.99

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

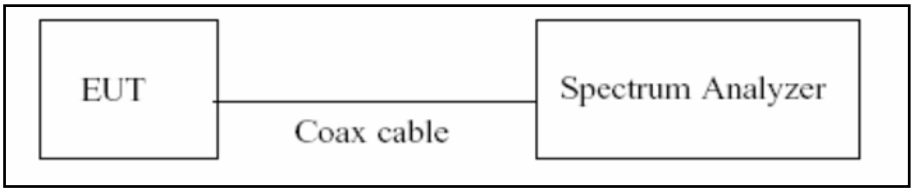
8.4. Power Spectral Density

Indoor Client Limit

Band	Limit (e.i.r.p)
UNII 5,6,7,8	-1 dBm/MHz

[47 CFR 15.407(a)(8)] For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, he maximum power spectral density must not exceed −1 dBm e.i.r.p. in any 1-megahertz band.

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
3. VBW ≥ 3 MHz
4. Number of points in sweep ≥ 2 x span/RBW.
5. Sweep time = auto.
6. Detector = RMS(i.e., power averaging), if available. Otherwise, use sample detector 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.

Sample Calculation

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

Note

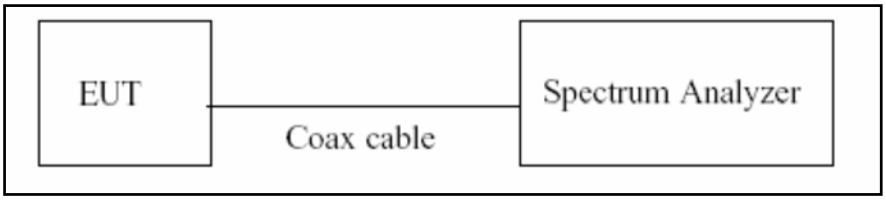
1. Spectrum Measured Levels are not plot data.
   The PSD results in plot is already including the actual values of loss for the attenuator and cable combination.
2. Spectrum offset Attenuator loss(10 dB) + Cable loss
3. Actual value of loss for the attenuator and cable combination is below table.

Band	Loss(dB)
UNII 5	10.99
UNII 6	10.99
UNII 7	10.99
UNII 8	10.99

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

8.5. In-Band Emission (Emissions Mask)

Test Configuration



Test Procedure

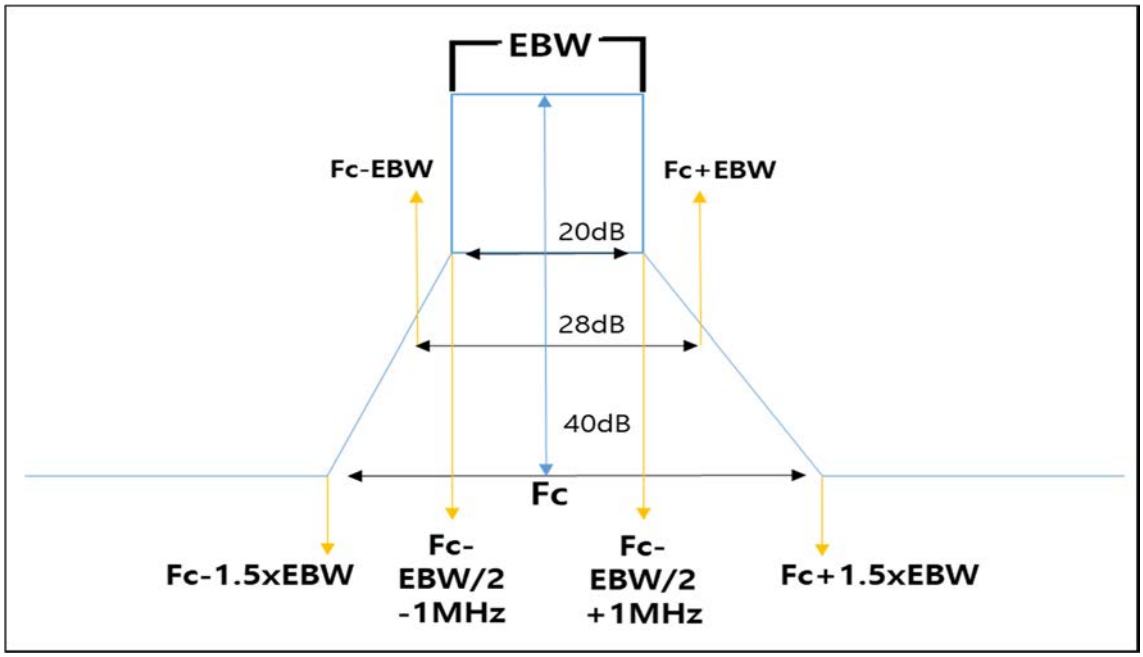
Test Standard Used : Section J in KDB 987594 D02.

Connect output of the antenna port to a spectrum analyzer or EMI receiver, with appropriate attenuation, as to not damage the instrumentation.
Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:

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

1. Set the span to encompass the entire 26 dB EBW of the signal.
2. Set RBW = same RBW used for 26 dB EBW measurement.
3. Set VBW ≥ 3 X RBW
4. Number of points in sweep ≥ [2 X span / RBW].
5. Sweep time = auto.
6. Detector = RMS (i.e., power averaging)
7. Trace average at least 100 traces in power averaging (rms) mode.
8. Use the peak search function on the instrument to find the peak of the spectrum.
   For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.

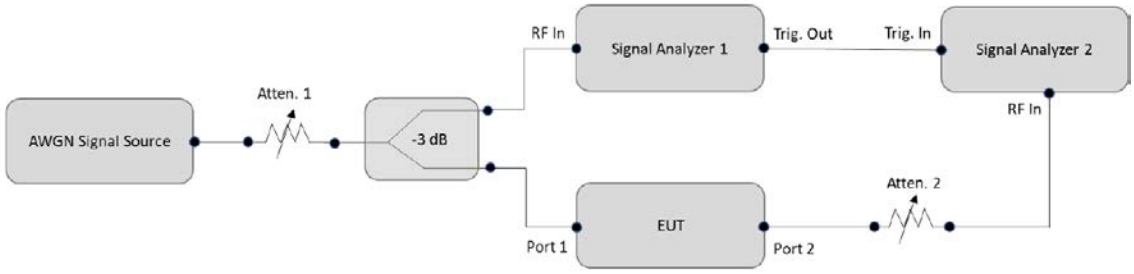
9. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
    a. Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
    b. Suppressed by 28 dB at one channel bandwidth from the channel center.
    c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
10. Adjust the span to encompass the entire mask as necessary.
11. Clear trace.
12. Trace average at least 100 traces in power averaging (rms) mode.
13. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.



Generic Emission Mask

8.6. Contention Based Protocol

Test Configuration



Test Procedure

Test Standard Used : Section I in KDB 987594 D02.

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EEUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2, as shown in Test Configuration. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
4. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
6. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in Test Configuration.
7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer
8. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
10. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

Sample Calculation

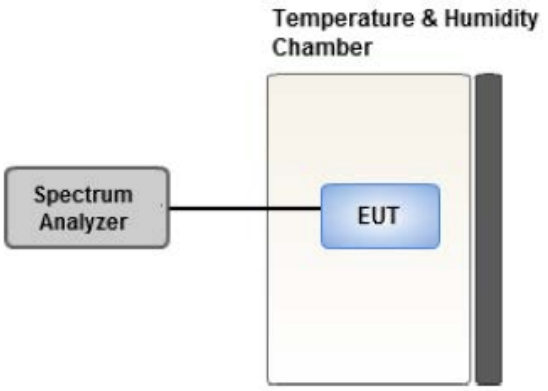
Incumbent signal Power(dBm) = Measured Value(dBm)
Modified Detection Limit(dBm) = Detection Limit(-62 dBm) + Antenna Gain(dBi)

8.7. 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.

8.8. 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

8.9. Radiated Test

Limit

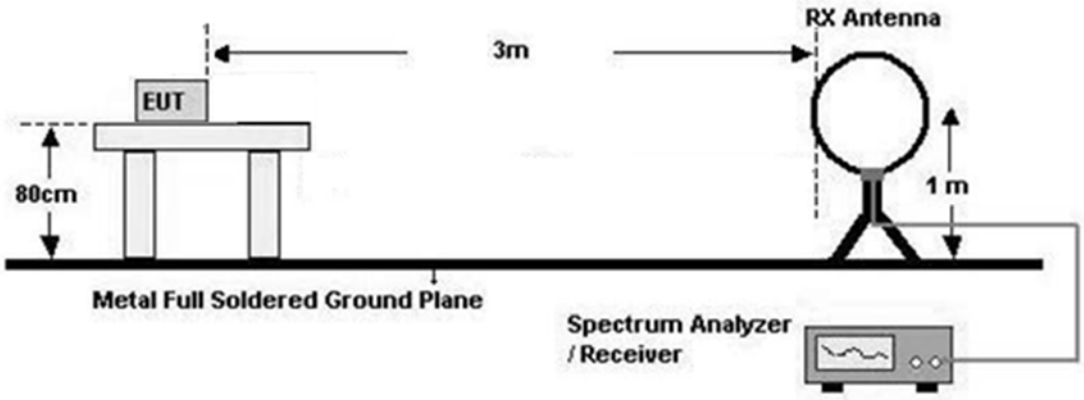
1. For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of −27 dBm/MHz.

2. 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.

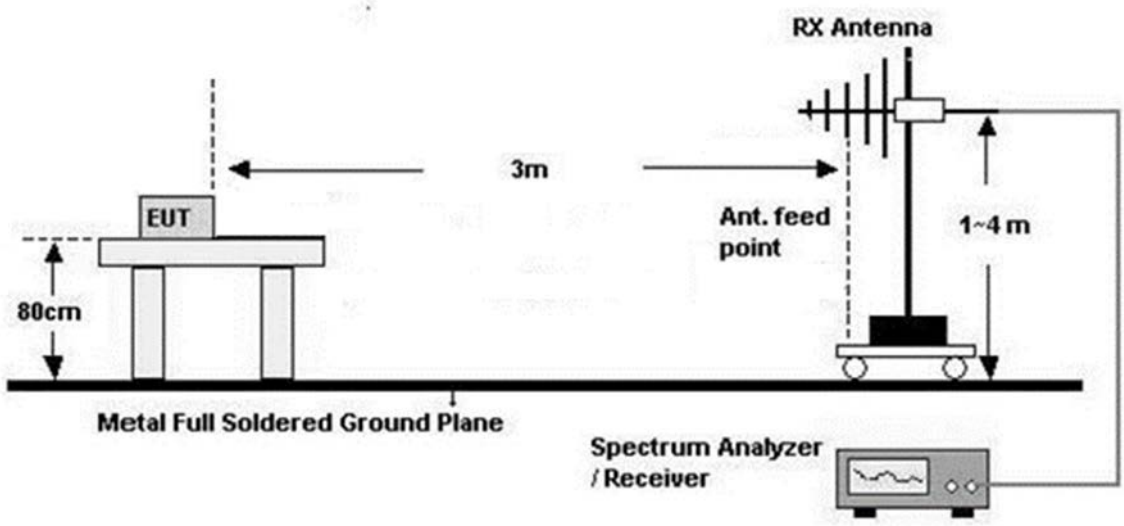
Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Test Configuration

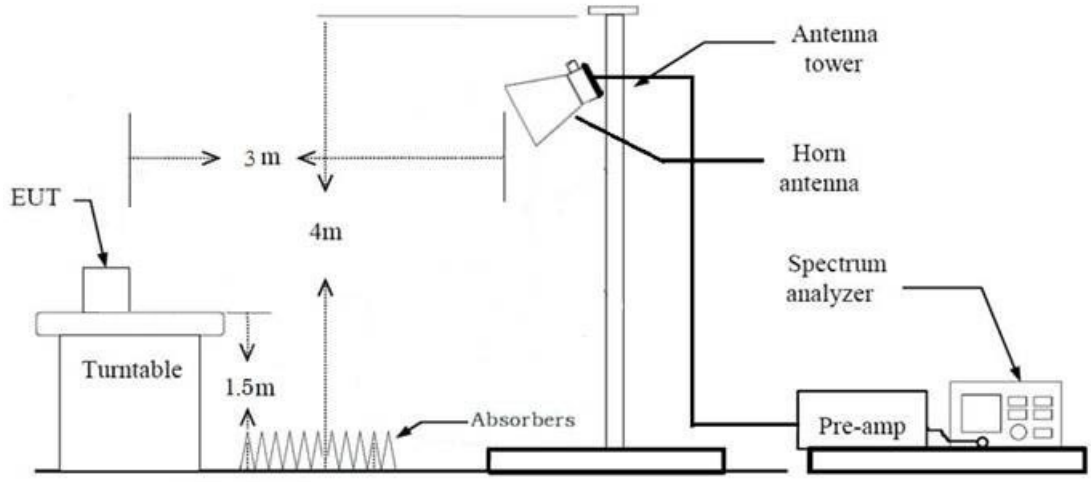
Below 30 MHz



30 MHz - 1 GHz



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
   Measurement Type(Peak):
   - 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.

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.

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) :

- Measured Frequency Range : 1 GHz – 40 GHz
- 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) : Duty cycle ≥ 98 %

- Measured Frequency Range : 1 GHz – 40 GHz
- Detector = RMS
- Averaging type = power (*i.e.*, RMS)
- RBW = 1 MHz
- VBW ≥ 3 x RBW
- Sweep time = auto.
- Trace mode = average (at least 100 traces).
- If a specific emission is demonstrated to be continuous (100% duty cycle) rather than turning on and off with the transmit cycle, no duty cycle correction is required for that emission.

(3) Measurement Type(Average) : Duty cycle < 98 %, duty cycle variations are less than ±2 %

- Measured Frequency Range : 1 GHz – 40 GHz
- Detector = RMS
- Averaging type = power (*i.e.*, RMS)
- RBW = 1 MHz
- VBW ≥ 3 x RBW
- Sweep time = auto.
- Trace mode = average (at least 100 traces).
- Duty Cycle Factor (dB) : Please refer to the please refer to section 10.1.

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
9. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency
10. Distance extrapolation factor = 20log (test distance / specific distance) (dB)
11. Total(Measurement Type : Peak)
    = Measured value + Antenna Factor(A.F) + Cable Loss(C.L) - Amp Gain(A.G) + Distance Factor(D.F)

    Total(Measurement Type : Average, Duty cycle ≥ 98 %)
    = Measured value + Antenna Factor(A.F) + Cable Loss(C.L) - Amp Gain(A.G) + Distance Factor(D.F)

    Total(Measurement Type : Average, Duty cycle < 98 %)
    = Measured value + Antenna Factor(A.F) + Cable Loss(C.L) - Amp Gain(A.G) + Distance Factor(D.F)
    + Duty Cycle Factor(D.C.F)

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.

(3) Measurement Type(Average) : Duty cycle ≥ 98 %

- Detector = RMS
- Averaging type = power (*i.e.*, RMS)
- RBW = 1 MHz
- VBW ≥ 3 x RBW
- Sweep time = auto.
- Trace mode = average (at least 100 traces).
- If a specific emission is demonstrated to be continuous (100% duty cycle) rather than turning on and off with the transmit cycle, no duty cycle correction is required for that emission.

(4) Measurement Type(Average) : Duty cycle < 98 %, duty cycle variations are less than ±2 %

- Detector = RMS
- Averaging type = power (*i.e.*, RMS)
- RBW = 1 MHz
- VBW ≥ 3 x RBW
- Sweep time = auto.
- Trace mode = average (at least 100 traces).
- Duty Cycle Factor (dB) : Please refer to the please refer to section 10.1.

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

9. Total(Measurement Type : Peak)

= Measured value

Total(Measurement Type : Average, Duty cycle ≥ 98 %)

= Measured value

Total(Measurement Type : Average, Duty cycle < 98 %)

= Measured value + Duty Cycle Factor(D.C.F)

- 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)

8.10. Test RU offset 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	-

8.11. Worst case configuration and mode

Conducted test

1. All data rate of operation were investigated and the worst case results are reported.
   - HE20 : MCS 0
   - HE40 : MCS 0
   - HE80 : MCS 0
   - 802.11 a : 6 Mbps

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. EUT Axis
   - Radiated Spurious Emissions : Y
   - Radiated Restricted Band Edge : X
3. All data rate of operation were investigated and the worst case results are reported.
   (Worst case : MCS0)
4. All Antenna of operation were investigated and the worst case results are reported
   - Mode : SISO, MIMO_CDD(Ant.1+Ant.2), MIMO_SDM(Ant.1+Ant.2)
   - Worstcase : MIMO_CDD(Ant.1+Ant.2)
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

Radiated test(Simultaneous transmission Scenario)

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

AC Power line Conducted Emissions

1. All modes of operation were investigated and the worst case configuration results are reported.
   - Mode : Stand alone + Notebook
   - Worstcase : Stand alone + Notebook
2. Harness Cable Type, FFC Cable Type were tested and the worst case results are reported.
(Worst case : FFC Cable Type)

[RSE Worst case]

Indoor Client	UNII 5, 6, 7, 8

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

[Bandedge Worst case]

Indoor Client	UNII 5, 8

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	-	-

9. SUMMARY OF TEST RESULTS

Test Description	FCC Part Section(s)	Test Limit	Test Condition	Test Result
26dB Bandwidth	§ 15.407(a)(11)	< 320 MHz (For channels with a nominal bandwidth less than 320 MHz)	Conducted	PASS
99% Bandwidth	§ 15.407(a)(11)	< 320 MHz (For channels with a nominal bandwidth of 320 MHz.)		(Note[1])
Output Power Maximum EIRP	§ 15.407(a)(7) § 15.407(a)(8) § 15.407(a)(9)	U-NII-5(5925-6425 MHz) & U-NII-6(6425-6525 MHz) U-NII-7(6525-6875 MHz) & U-NII-8(6875-7125 MHz) Low-Power Access Point (indoor only) EIRP < 30 dBm Client (Connected to Low-Power Access Point) EIRP < 24 dBm		PASS
Output Power Maximum EIRP Power Spectral Density	§ 15.407(a)(7) § 15.407(a)(8) § 15.407(a)(9)	U-NII-5(5925-6425 MHz) & U-NII-6(6425-6525 MHz) U-NII-7(6525-6875 MHz) & U-NII-8(6875-7125 MHz) Low-Power Access Point (indoor only) < 5 dBm/MHz (EIRP) Client (Connected to Low-Power Access Point) < -1 dBm/MHz (EIRP)		PASS
AC Conducted Emissions 150 kHz-30 MHz	§ 15.407 (b)(9)	<FCC 15.207 limits		PASS
Contention Based Protocol	§ 15.407(d)(6)	Detect co-channel energy with 90% or greater certainty.		PASS (Note[2])
Frequency Stability	§ 15.407(g) § 2.1055	Maintained within the band		PASS
In-Band Emissions (Emissions Mask)	§ 15.407(b)(7)	a. Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.) b. Suppressed by 28 dB at one channel bandwidth from the channel center. c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.		PASS
Undesirable Emissions	§ 15.407(b) § 15.35(b)	<-27 dBm/MHz EIRP (UNII5, 6, 7, 8)	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. This device is not supported bandwidth of 320 MHz.
   99% Bandwidth results are used for information purposes only.
2. Bandwidth Reduction was used for incumbent avoidance.
3. This device doesn't support Channel Puncturing in the 6 GHz Wi-Fi bands.
4. The decision rule applies 'simple acceptance'

10. TEST RESULT

10.1 DUTY CYCLE

10.1.1 802.11 ax Duty Cycle

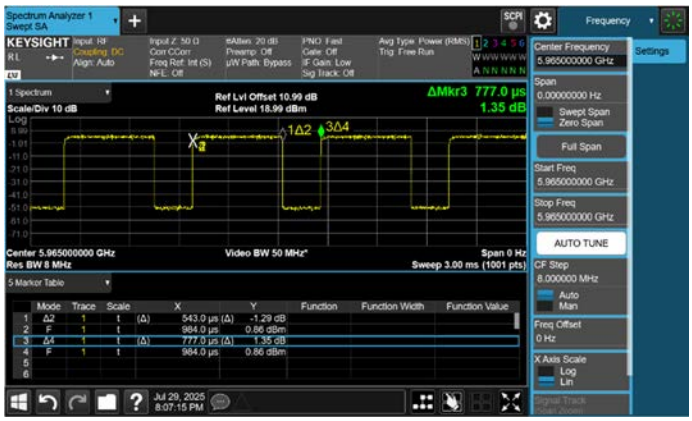
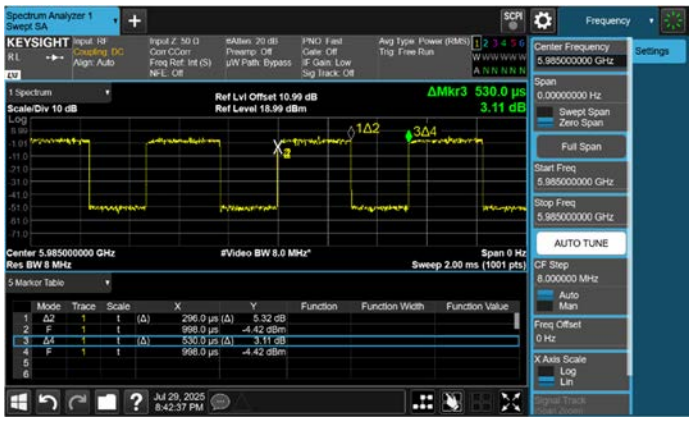
Mode	Tones	Data Rate (Mbps)	T_{on} (ms)	T_{total} (ms)	Duty Cycle	Duty Cycle Factor (dB)
HE 20M	26	MCS0	1.605	1.650	0.973	0.120
	52	MCS0	1.525	1.570	0.971	0.126
	106	MCS0	1.400	1.445	0.969	0.137
	242	MCS0	1.210	1.255	0.964	0.159
HE 40M	26	MCS0	1.597	1.650	0.968	0.142
	52	MCS0	1.495	1.540	0.971	0.129
	106	MCS0	1.395	1.445	0.965	0.153
	242	MCS0	1.210	1.260	0.960	0.176
	484	MCS0	1.200	1.245	0.964	0.160
HE 80M	26	MCS0	1.595	1.650	0.967	0.147
	52	MCS0	1.520	1.570	0.968	0.141
	106	MCS0	1.400	1.445	0.969	0.137
	242	MCS0	1.210	1.255	0.964	0.159
	484	MCS0	1.200	1.245	0.964	0.160
	996	MCS0	1.145	1.190	0.962	0.167
802.11ax (SU)	BW 20	MCS0	1.025	1.255	0.817	0.879
	BW 40	MCS0	0.543	0.777	0.699	1.556
	BW 80	MCS0	0.296	0.530	0.558	2.530

Mode	Data Rate (Mbps)	T_{on} (ms)	T_{total} (ms)	Duty Cycle	Duty Cycle Factor (dB)
802.11a	6 Mbps	1.386	1.620	0.856	0.678

Note: Duty Cycle Factor = 10·log(1/Duty Cycle). where, Duty Cycle = T_{on} / T_{total}

☒ Test Plots

Note:In order to simplify the report, attached plots were only the lowest datarate .

802.11ax HE 20 Ch.1(5955 MHz) 26 Tones MCS0	802.11ax HE 20 Ch.1(5955 MHz) SU MCS0
	
802.11ax HE 40 Ch.3(5965 MHz) 26 Tones MCS0	802.11ax HE 40 Ch.3(5965 MHz) SU MCS0
	
802.11ax HE 80 Ch.7(5985 MHz) 26 Tones MCS0	802.11ax HE 80 Ch.7(5985 MHz) SU MCS0
	

802.11a Ch.1(5955 MHz) 6 Mbps

10.2 26 dB BANDWIDTH & 99 % Occupied BANDWIDTH

10.2.1 26 dB BANDWIDTH(Indoor client)

10.2.1.1 Ant1

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
UNII5	5955	1	20.57	18.24	21.04	18.780	17.110	18.910
	6175	45	20.51	18.21	20.75	18.790	17.110	18.780
	6415	93	21.24	18.20	20.51	18.800	17.110	18.700
UNII6	6435	97	20.63	18.22	20.26	18.730	17.120	18.670
	6475	105	20.55	18.23	21.31	18.720	17.110	18.820
	6515	113	20.65	18.24	20.53	18.800	17.110	18.760
UNII7	6535	117	20.78	18.23	20.53	18.740	17.100	18.780
	6695	149	21.41	18.24	20.52	18.800	17.080	18.850
	6855	181	20.54	18.21	20.53	18.810	17.100	18.840
UNII8	6875	185	20.55	18.23	21.59	18.740	17.090	18.730
	6995	209	20.85	18.25	20.29	18.750	17.090	18.820
	7115	233	20.38	18.24	20.31	18.710	17.090	18.710

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
UNII5	5955	1	21.50	18.46	20.70	18.390	17.200	18.510
	6175	45	21.43	18.57	21.16	18.410	17.170	18.450
	6415	93	21.52	18.44	20.98	18.470	17.220	18.510
UNII6	6435	97	20.71	18.50	21.50	18.450	17.210	18.510
	6475	105	21.08	18.41	21.32	18.460	17.220	18.560
	6515	113	21.32	18.43	21.41	18.430	17.200	18.540
UNII7	6535	117	21.12	18.42	21.91	18.420	17.240	18.470
	6695	149	21.57	18.70	21.40	18.460	17.200	18.480
	6855	181	21.13	18.52	20.89	18.440	17.210	18.490
UNII8	6875	185	21.41	18.44	21.23	18.460	17.200	18.460
	6995	209	20.68	18.49	21.71	18.460	17.220	18.470
	7115	233	20.78	18.53	22.07	18.480	17.180	18.520

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
UNII5	5955	1	20.68	-	23.12	18.330	-	18.390
	6175	45	21.13	-	22.31	18.340	-	18.370
	6415	93	21.46	-	23.21	18.290	-	18.380
UNII6	6435	97	21.65	-	22.01	18.310	-	18.370
	6475	105	20.93	-	22.09	18.330	-	18.370
	6515	113	20.99	-	21.32	18.320	-	18.390
UNII7	6535	117	21.21	-	21.60	18.330	-	18.340
	6695	149	21.04	-	22.75	18.330	-	18.370
	6855	181	21.36	-	22.05	18.330	-	18.400
UNII8	6875	185	20.98	-	22.12	18.350	-	18.410
	6995	209	22.01	-	21.91	18.320	-	18.390
	7115	233	21.66	-	21.54	18.300	-	18.390

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
UNII5	5955	1	-	24.74	-	-	19.110	-
	6175	45	-	26.77	-	-	19.110	-
	6415	93	-	26.12	-	-	19.140	-
UNII6	6435	97	-	27.16	-	-	19.150	-
	6475	105	-	25.85	-	-	19.120	-
	6515	113	-	27.34	-	-	19.160	-
UNII7	6535	117	-	27.13	-	-	19.150	-
	6695	149	-	27.21	-	-	19.120	-
	6855	181	-	25.43	-	-	19.160	-
UNII8	6875	185	-	26.62	-	-	19.120	-
	6995	209	-	26.09	-	-	19.140	-
	7115	233	-	27.63	-	-	19.150	-

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
UNII5	5955	1	-	25.60	-	-	19.070	-
	6175	45	-	22.81	-	-	19.050	-
	6415	93	-	24.00	-	-	19.110	-
UNII6	6435	97	-	24.94	-	-	19.070	-
	6475	105	-	26.02	-	-	19.090	-
	6515	113	-	22.29	-	-	19.050	-
UNII7	6535	117	-	29.33	-	-	19.070	-
	6695	149	-	23.17	-	-	19.050	-
	6855	181	-	23.58	-	-	19.070	-
UNII8	6875	185	-	23.72	-	-	19.090	-
	6995	209	-	25.59	-	-	19.070	-
	7115	233	-	23.26	-	-	19.080	-

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
UNII5	5965	3	19.23	23.00	19.38	17.860	20.800	17.990
	6165	43	19.21	22.62	19.31	17.930	20.910	17.970
	6405	91	19.25	22.24	19.45	17.860	20.860	17.990
UNII6	6445	99	19.19	22.93	19.44	17.940	20.770	17.920
	6485	107	19.14	22.50	19.37	17.920	20.770	17.950
	6525	115	19.20	23.37	19.31	17.890	20.840	17.960
UNII7	6565	123	19.17	22.82	19.34	17.890	20.630	17.940
	6685	147	19.17	22.77	19.34	17.890	20.880	17.940
	6845	179	19.16	22.37	19.35	17.890	20.770	17.940
UNII8	6885	187	19.22	22.45	19.50	17.920	20.710	17.990
	7005	211	19.22	22.24	19.46	17.890	20.790	17.890
	7085	227	19.08	22.41	19.37	17.900	20.890	17.950

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
UNII5	5965	3	19.33	23.71	19.64	17.780	20.270	17.910
	6165	43	19.31	23.68	19.65	17.820	20.090	17.820
	6405	91	19.31	23.77	19.61	17.810	20.210	17.830
UNII6	6445	99	19.31	23.88	19.62	17.770	20.250	17.800
	6485	107	19.29	24.37	19.58	17.760	20.380	17.900
	6525	115	19.35	24.24	19.55	17.780	20.270	17.810
UNII7	6565	123	19.40	23.62	19.65	17.800	20.150	17.820
	6685	147	19.30	24.54	19.66	17.800	20.420	17.850
	6845	179	19.24	23.31	19.35	17.730	20.140	17.750
UNII8	6885	187	19.22	25.52	19.47	17.720	20.290	17.840
	7005	211	19.21	24.12	19.40	17.770	20.290	17.780
	7085	227	19.18	23.68	19.24	17.750	20.230	17.810

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
UNII5	5965	3	19.35	25.06	19.60	17.700	19.580	17.640
	6165	43	19.40	24.13	19.55	17.690	19.620	17.680
	6405	91	19.32	25.88	19.60	17.680	19.520	17.690
UNII6	6445	99	19.32	24.74	19.43	17.670	19.690	17.630
	6485	107	19.39	25.59	19.59	17.640	19.640	17.710
	6525	115	19.32	25.48	19.58	17.650	19.520	17.690
UNII7	6565	123	19.44	24.81	19.55	17.660	19.570	17.680
	6685	147	19.36	25.19	19.54	17.650	19.710	17.670
	6845	179	19.38	24.97	19.56	17.670	19.510	17.640
UNII8	6885	187	19.47	24.93	19.55	17.660	19.650	17.640
	7005	211	19.31	24.03	19.58	17.660	19.570	17.640
	7085	227	19.39	24.56	19.56	17.640	19.530	17.680

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
UNII5	5965	3	39.41	-	39.58	20.070	-	20.100
	6165	43	39.43	-	39.63	19.900	-	20.750
	6405	91	39.44	-	39.54	20.210	-	20.310
UNII6	6445	99	39.54	-	39.66	20.030	-	20.230
	6485	107	39.42	-	39.39	20.040	-	20.180
	6525	115	39.39	-	39.46	20.160	-	20.170
UNII7	6565	123	39.55	-	39.43	20.230	-	20.080
	6685	147	39.53	-	39.62	20.530	-	20.180
	6845	179	39.48	-	39.43	20.200	-	20.250
UNII8	6885	187	39.52	-	39.54	19.940	-	20.070
	7005	211	39.47	-	39.50	19.960	-	20.510
	7085	227	39.54	-	39.34	20.220	-	20.310

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
UNII5	5965	3	-	39.59	-	-	37.440	-
	6165	43	-	39.33	-	-	37.480	-
	6405	91	-	39.52	-	-	37.450	-
UNII6	6445	99	-	39.59	-	-	37.450	-
	6485	107	-	39.60	-	-	37.440	-
	6525	115	-	39.62	-	-	37.450	-
UNII7	6565	123	-	39.53	-	-	37.490	-
	6685	147	-	39.62	-	-	37.440	-
	6845	179	-	39.52	-	-	37.430	-
UNII8	6885	187	-	39.55	-	-	37.420	-
	7005	211	-	39.58	-	-	37.450	-
	7085	227	-	39.62	-	-	37.440	-

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
UNII5	5965	3	-	39.65	-	-	37.490	-
	6165	43	-	39.57	-	-	37.430	-
	6405	91	-	39.67	-	-	37.530	-
UNII6	6445	99	-	39.63	-	-	37.500	-
	6485	107	-	39.69	-	-	37.460	-
	6525	115	-	39.42	-	-	37.510	-
UNII7	6565	123	-	39.58	-	-	37.540	-
	6685	147	-	39.61	-	-	37.510	-
	6845	179	-	39.55	-	-	37.460	-
UNII8	6885	187	-	39.66	-	-	37.490	-
	7005	211	-	39.62	-	-	37.530	-
	7085	227	-	39.52	-	-	37.510	-

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
UNII5	5985	7	19.72	24.07	20.35	18.520	23.370	18.640
	6145	39	20.06	24.79	19.98	18.440	22.950	18.530
	6385	87	19.93	24.63	20.03	18.510	23.150	18.420
UNII6	6465	103	19.82	25.07	19.95	18.430	22.720	18.610
	6545	119	19.77	24.24	20.15	18.460	22.830	18.540
UNII7	6625	135	19.74	24.51	20.27	18.450	23.190	18.710
	6705	151	19.65	23.92	20.30	18.440	22.900	18.550
	6785	167	19.95	24.90	19.95	18.490	23.070	18.580
UNII8	6865	183	19.73	26.16	20.31	18.410	23.050	18.620
	6945	199	19.72	23.06	20.32	18.430	22.600	18.530
	7025	215	19.73	23.09	20.12	18.420	23.250	18.600

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
UNII5	5985	7	21.25	27.23	20.75	18.680	22.780	18.500
	6145	39	21.11	26.03	20.98	18.590	22.330	18.410
	6385	87	21.09	24.64	20.90	18.730	22.330	18.380
UNII6	6465	103	20.09	26.55	20.75	18.250	21.990	18.360
	6545	119	20.50	24.93	20.62	18.280	22.110	18.370
UNII7	6625	135	20.36	24.54	20.75	18.300	21.620	18.390
	6705	151	20.15	26.46	20.78	18.250	22.470	18.430
	6785	167	19.93	25.29	20.84	18.310	21.970	18.370
UNII8	6865	183	20.45	25.33	20.99	18.280	22.640	18.450
	6945	199	20.18	25.62	20.46	18.370	22.120	18.360
	7025	215	20.94	25.60	20.51	18.300	22.460	18.380

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
UNII5	5985	7	22.31	27.04	21.93	18.250	20.890	18.350
	6145	39	21.58	27.11	21.32	18.170	21.480	18.250
	6385	87	22.19	26.85	21.80	18.220	21.690	18.320
UNII6	6465	103	22.39	27.24	21.90	18.180	20.950	18.340
	6545	119	21.52	28.85	21.63	18.230	20.990	18.190
UNII7	6625	135	21.47	28.57	21.75	18.230	21.350	18.250
	6705	151	21.44	28.87	21.84	18.310	21.710	18.420
	6785	167	22.10	27.24	21.44	18.240	21.010	18.220
UNII8	6865	183	21.94	28.66	21.80	18.230	21.580	18.370
	6945	199	22.35	29.14	22.01	18.340	21.460	18.300
	7025	215	22.35	29.28	21.40	18.260	21.750	18.210

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
UNII5	5985	7	29.38	47.78	29.72	21.020	38.610	21.220
	6145	39	36.80	49.45	29.63	21.260	38.410	21.710
	6385	87	28.64	58.52	29.48	21.170	38.820	21.210
UNII6	6465	103	30.56	47.08	27.37	21.000	38.650	21.250
	6545	119	29.12	70.25	29.48	20.820	38.600	20.790
UNII7	6625	135	31.89	45.41	30.41	21.160	38.470	21.300
	6705	151	28.64	59.47	29.35	21.240	38.550	21.150
	6785	167	29.69	76.63	27.91	21.510	38.590	20.950
UNII8	6865	183	28.49	47.22	29.61	21.370	38.510	20.910
	6945	199	27.74	47.86	29.65	21.060	38.680	21.210
	7025	215	29.53	47.84	29.88	21.150	38.580	21.220

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
UNII5	5985	7	79.80	-	79.92	50.080	-	42.040
	6145	39	79.86	-	79.88	46.090	-	43.460
	6385	87	80.06	-	80.12	44.340	-	43.440
UNII6	6465	103	79.95	-	79.83	45.280	-	42.820
	6545	119	80.15	-	79.90	48.890	-	42.530
UNII7	6625	135	79.94		80.16	46.960		43.250
	6705	151	80.00	-	79.99	47.500	-	42.400
	6785	167	80.01		79.90	47.270		42.430
UNII8	6865	183	79.97	-	79.90	45.870	-	42.250
	6945	199	80.00	-	80.20	50.290	-	42.330
	7025	215	80.06	-	79.95	43.890	-	46.720

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
UNII5	5985	7	-	80.24	-	-	76.670	-
	6145	39	-	80.15	-	-	76.750	-
	6385	87	-	80.21	-	-	76.690	-
UNII6	6465	103	-	79.98	-	-	76.680	-
	6545	119	-	80.19	-	-	76.730	-
UNII7	6625	135		80.19			76.560	
	6705	151	-	80.11	-	-	76.840	-
	6785	167		80.16			76.560	
UNII8	6865	183	-	80.09	-	-	76.670	-
	6945	199	-	80.20	-	-	76.730	-
	7025	215	-	80.05	-	-	76.620	-

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
UNII5	5985	7	-	80.25	-	-	76.830	-
	6145	39	-	80.13	-	-	76.850	-
	6385	87	-	80.16	-	-	76.730	-
UNII6	6465	103	-	80.06	-	-	76.880	-
	6545	119	-	80.13	-	-	76.760	-
UNII7	6625	135		80.19			76.760	
	6705	151	-	80.11	-	-	76.550	-
	6785	167		80.21			76.780	
UNII8	6865	183	-	80.18	-	-	76.700	-
	6945	199	-	80.19	-	-	76.610	-
	7025	215	-	80.17	-	-	76.750	-

Mode : 802.11a

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
UNII5	5955	1	-	24.39	-	-	16.91	-
	6175	45	-	25.73	-	-	17.04	-
	6415	93	-	24.86	-	-	16.97	-
UNII6	6435	97	-	25.03	-	-	16.94	-
	6475	105	-	24.61	-	-	16.97	-
	6515	113	-	26.02	-	-	17.00	-
UNII7	6535	117	-	25.51	-	-	16.95	-
	6695	149	-	24.27	-	-	16.93	-
	6855	181	-	24.83	-	-	16.94	-
UNII8	6875	185	-	25.30	-	-	16.95	-
	6995	209	-	24.52	-	-	16.97	-
	7115	233	-	24.48	-	-	16.91	-

10.2.1.2 Ant2

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
UNII5	5955	1	20.49	18.19	20.43	18.703	17.072	18.765
	6175	45	20.54	18.17	20.54	18.771	17.084	18.740
	6415	93	20.57	18.23	21.09	18.771	17.096	18.801
UNII6	6435	97	21.16	18.23	20.46	18.787	17.104	18.752
	6475	105	20.43	18.23	20.46	18.708	17.105	18.738
	6515	113	21.25	18.21	21.53	18.971	17.102	18.784
UNII7	6535	117	20.81	18.20	20.61	18.778	17.103	18.755
	6695	149	21.24	18.25	20.67	18.772	17.089	18.870
	6855	181	20.99	18.26	20.31	18.724	17.094	18.730
UNII8	6875	185	21.17	18.19	21.79	18.785	17.101	18.850
	6995	209	21.39	18.23	20.56	18.829	17.107	18.817
	7115	233	20.67	18.22	20.80	18.784	17.059	18.818

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
UNII5	5955	1	21.08	18.57	21.15	18.539	17.210	18.538
	6175	45	21.02	18.32	22.28	18.416	17.184	18.517
	6415	93	21.35	18.86	20.62	18.501	17.218	18.455
UNII6	6435	97	21.18	18.53	20.62	18.539	17.228	18.474
	6475	105	20.49	18.57	20.76	18.501	17.207	18.539
	6515	113	21.59	18.44	20.46	18.436	17.203	18.501
UNII7	6535	117	22.74	19.57	20.57	18.600	17.239	18.439
	6695	149	20.75	18.76	20.64	18.471	17.221	18.383
	6855	181	20.41	18.31	20.73	18.447	17.184	18.569
UNII8	6875	185	23.30	18.40	21.60	18.596	17.164	18.490
	6995	209	20.56	18.39	21.00	18.453	17.186	18.506
	7115	233	22.96	18.34	22.81	18.519	17.191	18.518

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
UNII5	5955	1	21.34	-	23.45	18.272	-	18.368
	6175	45	21.81	-	22.33	18.284	-	18.362
	6415	93	20.91	-	22.98	18.286	-	18.383
UNII6	6435	97	21.36	-	22.02	18.287	-	18.348
	6475	105	21.41	-	21.98	18.338	-	18.371
	6515	113	21.13	-	22.60	18.305	-	18.413
UNII7	6535	117	23.70	-	21.22	18.302	-	18.383
	6695	149	21.21	-	24.88	18.311	-	18.433
	6855	181	21.22	-	22.09	18.290	-	18.317
UNII8	6875	185	20.70	-	23.60	18.300	-	18.354
	6995	209	21.82	-	22.35	18.280	-	18.364
	7115	233	21.89	-	21.64	18.263	-	18.324

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
UNII5	5955	1	-	25.25	-	-	19.123	-
	6175	45	-	26.71	-	-	19.119	-
	6415	93	-	24.57	-	-	19.109	-
UNII6	6435	97	-	28.66	-	-	19.148	-
	6475	105	-	26.38	-	-	19.125	-
	6515	113	-	25.70	-	-	19.169	-
UNII7	6535	117	-	29.78	-	-	19.122	-
	6695	149	-	28.65	-	-	19.110	-
	6855	181	-	26.42	-	-	19.140	-
UNII8	6875	185	-	26.08	-	-	19.142	-
	6995	209	-	27.80	-	-	19.142	-
	7115	233	-	32.76	-	-	19.198	-

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
UNII5	5955	1	-	23.80	-	-	19.063	-
	6175	45	-	24.09	-	-	19.055	-
	6415	93	-	24.77	-	-	19.059	-
UNII6	6435	97	-	22.02	-	-	19.047	-
	6475	105	-	23.17	-	-	19.080	-
	6515	113	-	23.65	-	-	19.075	-
UNII7	6535	117	-	23.04	-	-	19.058	-
	6695	149	-	22.64	-	-	19.053	-
	6855	181	-	23.11	-	-	19.056	-
UNII8	6875	185	-	24.43	-	-	19.033	-
	6995	209	-	25.21	-	-	19.084	-
	7115	233	-	22.70	-	-	19.013	-

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
UNII5	5965	3	19.19	23.13	19.31	17.928	20.812	17.920
	6165	43	19.08	22.75	19.43	17.890	20.747	17.953
	6405	91	19.08	23.01	19.46	17.854	20.916	17.964
UNII6	6445	99	19.19	22.74	19.36	17.904	20.861	17.916
	6485	107	19.21	22.64	19.46	17.926	20.681	17.971
	6525	115	19.19	22.33	19.38	17.877	20.931	17.928
UNII7	6565	123	19.21	23.31	19.33	17.883	20.799	17.962
	6685	147	19.27	23.26	19.36	17.938	20.798	17.930
	6845	179	19.18	22.61	19.41	17.874	20.821	17.927
UNII8	6885	187	19.18	22.54	19.41	17.917	20.861	17.917
	7005	211	19.14	22.75	19.42	17.920	20.759	17.936
	7085	227	19.11	23.03	19.43	17.902	20.706	17.944

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
UNII5	5965	3	19.21	23.92	19.47	17.786	20.079	17.810
	6165	43	19.27	22.90	19.36	17.767	20.151	17.801
	6405	91	19.27	23.04	19.42	17.760	20.158	17.791
UNII6	6445	99	19.21	23.96	19.36	17.771	20.282	17.819
	6485	107	19.26	23.99	19.45	17.781	20.306	17.799
	6525	115	19.21	23.27	19.37	17.799	20.218	17.806
UNII7	6565	123	19.23	23.10	19.37	17.799	20.149	17.805
	6685	147	19.21	23.60	19.37	17.769	20.400	17.816
	6845	179	19.20	23.81	19.34	17.743	20.309	17.758
UNII8	6885	187	19.30	23.28	19.23	17.792	20.179	17.742
	7005	211	19.25	24.55	19.52	17.748	20.328	17.828
	7085	227	19.24	23.88	19.39	17.776	20.445	17.819

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
UNII5	5965	3	19.41	25.68	19.57	17.626	19.738	17.655
	6165	43	19.33	24.37	19.60	17.609	19.591	17.641
	6405	91	19.32	25.95	19.59	17.675	19.643	17.700
UNII6	6445	99	19.33	24.08	19.58	17.627	19.526	17.672
	6485	107	19.36	23.86	19.63	17.611	19.553	17.669
	6525	115	19.36	25.45	19.39	17.617	19.595	17.630
UNII7	6565	123	19.41	23.99	19.57	17.686	19.699	17.692
	6685	147	19.42	24.61	19.59	17.670	19.460	17.664
	6845	179	19.34	24.31	19.46	17.715	19.654	17.620
UNII8	6885	187	19.33	25.35	19.54	17.682	19.639	17.670
	7005	211	19.41	25.22	19.65	17.648	19.588	17.686
	7085	227	19.35	26.26	19.62	17.616	19.662	17.648

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
UNII5	5965	3	39.36	-	39.41	19.952	-	20.446
	6165	43	39.63	-	39.57	20.262	-	20.301
	6405	91	39.62	-	39.39	19.941	-	20.556
UNII6	6445	99	39.48	-	39.54	20.476	-	20.164
	6485	107	39.67	-	39.36	19.841	-	20.083
	6525	115	39.48	-	39.47	20.157	-	20.373
UNII7	6565	123	39.46	-	39.40	20.229	-	20.013
	6685	147	39.40	-	39.45	20.153	-	20.363
	6845	179	39.70	-	39.62	20.089	-	20.129
UNII8	6885	187	39.57	-	39.61	20.357	-	20.125
	7005	211	39.35	-	39.40	20.296	-	20.147
	7085	227	39.63	-	39.60	19.920	-	20.632

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
UNII5	5965	3	-	39.54	-	-	37.471	-
	6165	43	-	39.33	-	-	37.493	-
	6405	91	-	39.56	-	-	37.480	-
UNII6	6445	99	-	39.63	-	-	37.472	-
	6485	107	-	39.52	-	-	37.456	-
	6525	115	-	39.67	-	-	37.442	-
UNII7	6565	123	-	39.60	-	-	37.461	-
	6685	147	-	39.57	-	-	37.429	-
	6845	179	-	39.66	-	-	37.489	-
UNII8	6885	187	-	39.64	-	-	37.481	-
	7005	211	-	39.53	-	-	37.411	-
	7085	227	-	39.57	-	-	37.401	-

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
UNII5	5965	3	-	39.66	-	-	37.511	-
	6165	43	-	39.60	-	-	37.443	-
	6405	91	-	39.46	-	-	37.426	-
UNII6	6445	99	-	39.49	-	-	37.470	-
	6485	107	-	39.49	-	-	37.445	-
	6525	115	-	39.49	-	-	37.501	-
UNII7	6565	123	-	39.52	-	-	37.456	-
	6685	147	-	39.58	-	-	37.497	-
	6845	179	-	39.53	-	-	37.412	-
UNII8	6885	187	-	39.60	-	-	37.516	-
	7005	211	-	39.55	-	-	37.479	-
	7085	227	-	39.52	-	-	37.462	-

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
UNII5	5985	7	19.84	24.35	20.19	18.472	23.311	18.596
	6145	39	19.73	24.77	20.41	18.387	22.831	18.711
	6385	87	19.65	24.68	20.45	18.448	23.260	18.673
UNII6	6465	103	19.59	25.24	20.01	18.453	22.978	18.549
	6545	119	19.81	24.86	20.22	18.470	23.362	18.649
UNII7	6625	135	19.68	26.30	19.97	18.352	23.411	18.515
	6705	151	19.71	23.76	20.18	18.440	22.582	18.567
	6785	167	19.70	25.59	20.00	18.473	23.297	18.532
UNII8	6865	183	19.79	24.74	20.21	18.441	23.038	18.578
	6945	199	19.64	25.18	20.23	18.490	22.889	18.561
	7025	215	19.82	24.62	20.23	18.552	23.256	18.593

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
UNII5	5985	7	21.36	26.48	20.96	18.463	22.272	18.504
	6145	39	21.06	26.73	20.92	18.804	22.472	18.498
	6385	87	21.28	26.33	20.98	18.572	22.486	18.470
UNII6	6465	103	21.21	24.62	19.99	18.634	22.517	18.420
	6545	119	21.06	27.39	20.59	18.644	22.416	18.433
UNII7	6625	135	21.37	24.97	20.73	18.821	22.637	18.455
	6705	151	21.28	26.95	20.65	18.628	22.648	18.484
	6785	167	21.57	26.19	20.64	18.891	22.605	18.489
UNII8	6865	183	21.14	25.86	20.54	18.668	22.473	18.402
	6945	199	21.08	25.20	20.66	18.688	22.313	18.391
	7025	215	20.81	26.76	20.76	18.568	22.584	18.401

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
UNII5	5985	7	22.36	29.86	22.12	18.521	21.642	18.354
	6145	39	22.17	30.03	21.79	18.732	22.301	18.374
	6385	87	22.22	27.21	22.18	18.763	22.056	18.402
UNII6	6465	103	22.64	29.82	21.55	18.777	22.149	18.314
	6545	119	22.77	29.72	21.91	18.618	22.015	18.331
UNII7	6625	135	22.37	28.81	21.31	18.184	21.268	18.296
	6705	151	21.36	28.76	21.50	18.255	21.396	18.249
	6785	167	22.40	31.09	20.97	18.319	21.209	18.255
UNII8	6865	183	22.26	30.25	21.74	18.383	21.574	18.339
	6945	199	22.14	27.75	21.86	18.179	21.438	18.325
	7025	215	22.05	27.78	21.77	18.276	20.894	18.345

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
UNII5	5985	7	29.35	50.31	28.01	21.314	38.746	21.080
	6145	39	28.38	57.97	30.10	21.084	38.564	21.089
	6385	87	28.49	57.52	30.76	21.061	38.595	21.423
UNII6	6465	103	29.99	47.35	29.44	20.920	38.619	20.982
	6545	119	28.55	47.55	28.53	20.877	38.865	21.138
UNII7	6625	135	31.65	46.63	29.32	21.067	38.462	21.016
	6705	151	36.94	46.58	29.25	21.274	38.487	21.081
	6785	167	30.29	46.57	28.03	21.215	38.966	20.708
UNII8	6865	183	31.93	47.18	30.05	20.875	38.774	21.123
	6945	199	30.71	51.73	32.32	21.043	38.805	21.242
	7025	215	28.68	52.54	30.41	21.108	38.726	21.622

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
UNII5	5985	7	79.85	-	79.77	47.573	-	42.108
	6145	39	79.94	-	79.97	44.519	-	42.903
	6385	87	80.05	-	80.03	43.654	-	45.960
UNII6	6465	103	79.79	-	80.13	43.245	-	42.714
	6545	119	79.93	-	80.10	50.573	-	43.865
UNII7	6625	135	80.14		79.87	45.914		45.387
	6705	151	79.99	-	79.83	49.512	-	42.249
	6785	167	80.04		80.05	44.837		43.327
UNII8	6865	183	79.95	-	79.90	47.251	-	43.944
	6945	199	80.14	-	79.79	49.095	-	42.292
	7025	215	80.11	-	79.87	45.915	-	42.724

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
UNII5	5985	7	-	80.13	-	-	76.739	-
	6145	39	-	80.13	-	-	76.786	-
	6385	87	-	80.00	-	-	76.761	-
UNII6	6465	103	-	80.11	-	-	76.709	-
	6545	119	-	80.30	-	-	76.791	-
UNII7	6625	135		80.17			76.893	
	6705	151	-	80.27	-	-	76.762	-
	6785	167		80.30			76.846	
UNII8	6865	183	-	80.18	-	-	76.748	-
	6945	199	-	80.19	-	-	76.685	-
	7025	215	-	80.27	-	-	76.799	-

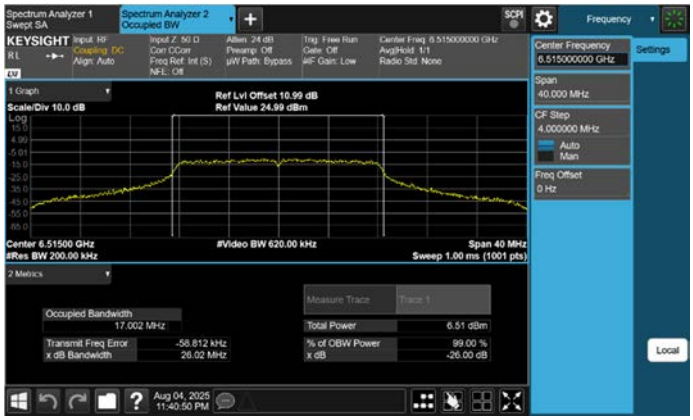
Mode : HE80 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII5	5985	7	-	80.20	-	-	76.757	-
	6145	39	-	80.22	-	-	76.671	-
	6385	87	-	80.18	-	-	76.692	-
UNII6	6465	103	-	80.23	-	-	76.866	-
	6545	119	-	80.18	-	-	76.836	-
UNII7	6625	135		80.26			76.655	
	6705	151	-	80.24	-	-	76.739	-
	6785	167		80.13			76.680	
UNII8	6865	183	-	80.13	-	-	76.931	-
	6945	199	-	79.93	-	-	76.665	-
	7025	215	-	80.13	-	-	76.722	-

Mode : 802.11a

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
UNII5	5955	1	-	25.73	-	-	16.96	-
	6175	45	-	24.88	-	-	16.97	-
	6415	93	-	24.61	-	-	16.94	-
UNII6	6435	97	-	25.26	-	-	16.95	-
	6475	105	-	24.69	-	-	16.98	-
	6515	113	-	24.78	-	-	16.95	-
UNII7	6535	117	-	25.69	-	-	16.96	-
	6695	149	-	25.03	-	-	16.94	-
	6855	181	-	25.34	-	-	16.92	-
UNII8	6875	185	-	24.69	-	-	16.94	-
	6995	209	-	25.12	-	-	16.96	-
	7115	233	-	24.32	-	-	16.96	-

▣ Test Plots(26dB & 99% Bandwidth)
[Indoor Client]
Note: In order to simplify the report, attached plots were only the widest channel.

[Ant.1]

802.11ax HE20M Ch.117(6535 MHz) SU	802.11ax HE40M Ch.107(6485 MHz) SU
	
802.11ax HE80M Ch.7(5985 MHz) SU	802.11a Ch.113(6515 MHz)
	

802.11ax HE20M Ch.233(7115 MHz) 242 Tones RU61	802.11ax HE40M Ch.179(6845 MHz) 242 Tones RU61
	
802.11ax HE80M Ch.167(6785 MHz) 996 Tones 67 RU	802.11a Ch.1(5955 MHz)
	

10.3 OUTPUT POWER MEASUREMENT

10.3.1 E.I.R.P Output Power(Indoor client)

Indoor client Limit : 24 dBm(e.i.r.p)

(MIMO_CDD(Ant1+Ant2))

- ANT1 Max. Output Power (dBm) : Measured Conducted Power(dBm) + Duty Factor (dB)
- ANT2 Max. Output Power (dBm) : Measured Conducted Power(dBm) + Duty Factor (dB)
- MIMO Max. Output Power (dBm) = ANT1 Max. Output Power(dBm) + ANT2 Max. Output Power(dBm)
- EIRP Output Power (dBm) = MIMO Max. Output Power(dBm) + Directional Gain (dBi)

Note:

1. The MIMO_CDD(Ant1+Ant2) formula on page 9 and the maximum gain of each band in the antenna gain table were applied.

10.3.1.1 MIMO_CDD(Ant1+Ant2)

Mode : HE20 26T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5955	1	-9.08	-8.71	-5.88	-8.88	-8.52	-5.69	-8.99	-8.55	-5.76	2.65	2.63	5.65	-0.04	24
	6175	45	-8.51	-8.25	-5.37	-8.33	-8.09	-5.20	-8.45	-8.25	-5.34	2.65	2.63	5.65	0.45	24
	6415	93	-9.07	-9.12	-6.08	-8.95	-9.03	-5.98	-9.09	-9.20	-6.14	2.65	2.63	5.65	-0.33	24
UNII6	6435	97	-8.12	-8.43	-5.27	-8.01	-8.31	-5.15	-8.13	-8.41	-5.26	2.39	2.37	5.39	0.24	24
	6475	105	-8.06	-8.33	-5.18	-7.86	-8.14	-4.98	-7.97	-8.29	-5.12	2.39	2.37	5.39	0.41	24
	6515	113	-8.30	-8.39	-5.34	-8.19	-8.27	-5.22	-8.33	-8.40	-5.35	2.39	2.37	5.39	0.17	24
UNII7	6535	117	-9.66	-9.68	-6.66	-10.33	-9.49	-6.88	-10.39	-9.54	-6.93	2.17	3.40	5.82	-0.84	24
	6695	149	-10.33	-9.80	-7.05	-10.15	-9.65	-6.88	-10.23	-9.77	-6.98	2.17	3.40	5.82	-1.07	24
	6855	181	-8.78	-8.08	-5.40	-8.53	-7.85	-5.16	-8.52	-7.85	-5.16	2.17	3.40	5.82	0.65	24
UNII8	6875	185	-8.11	-7.88	-4.98	-7.93	-7.62	-4.76	-8.01	-7.64	-4.81	0.84	3.40	5.22	0.47	24
	6995	209	-7.56	-7.57	-4.55	-7.46	-7.36	-4.40	-7.61	-7.42	-4.51	0.84	3.40	5.22	0.82	24
	7115	233	-8.04	-8.46	-5.23	-7.72	-8.25	-4.97	-7.65	-8.45	-5.02	0.84	3.40	5.22	0.26	24

Mode : HE20 52T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5955	1	-9.15	-8.53	-5.82	-9.02	-8.48	-5.73	-9.02	-8.57	-5.78	2.65	2.63	5.65	-0.08	24
	6175	45	-8.59	-8.24	-5.40	-8.48	-8.13	-5.29	-8.55	-8.18	-5.35	2.65	2.63	5.65	0.36	24
	6415	93	-9.16	-9.15	-6.15	-9.13	-9.15	-6.13	-9.21	-9.24	-6.21	2.65	2.63	5.65	-0.48	24
UNII6	6435	97	-8.27	-8.40	-5.32	-8.23	-8.30	-5.26	-8.25	-8.37	-5.30	2.39	2.37	5.39	0.13	24
	6475	105	-8.22	-8.33	-5.27	-8.11	-8.22	-5.16	-8.16	-8.33	-5.23	2.39	2.37	5.39	0.23	24
	6515	113	-8.43	-8.40	-5.40	-8.37	-8.34	-5.34	-8.44	-8.44	-5.43	2.39	2.37	5.39	0.05	24
UNII7	6535	117	-9.82	-9.68	-6.74	-9.70	-9.61	-6.65	-9.70	-9.61	-6.65	2.17	3.40	5.82	-0.83	24
	6695	149	-9.90	-9.79	-6.84	-9.81	-9.69	-6.74	-9.90	-9.76	-6.82	2.17	3.40	5.82	-0.92	24
	6855	181	-9.06	-8.02	-5.50	-8.87	-7.89	-5.34	-8.88	-7.82	-5.31	2.17	3.40	5.82	0.51	24
UNII8	6875	185	-8.66	-7.83	-5.21	-8.53	-7.67	-5.07	-8.56	-7.65	-5.07	0.84	3.40	5.22	0.16	24
	6995	209	-8.08	-7.57	-4.81	-7.93	-7.45	-4.67	-7.99	-7.48	-4.72	0.84	3.40	5.22	0.55	24
	7115	233	-8.35	-8.50	-5.41	-8.22	-8.36	-5.28	-8.12	-8.50	-5.30	0.84	3.40	5.22	-0.05	24

Mode : HE20 106T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5955	1	-8.52	-8.06	-5.27	-	-	-	-8.41	-8.05	-5.22	2.65	2.63	5.65	0.43	24
	6175	45	-7.90	-7.70	-4.79	-	-	-	-7.84	-7.69	-4.76	2.65	2.63	5.65	0.89	24
	6415	93	-8.52	-8.64	-5.57	-	-	-	-8.54	-8.65	-5.59	2.65	2.63	5.65	0.08	24
UNII6	6435	97	-7.57	-7.88	-4.71	-	-	-	-7.55	-7.85	-4.69	2.39	2.37	5.39	0.70	24
	6475	105	-7.52	-7.85	-4.67	-	-	-	-7.50	-7.85	-4.66	2.39	2.37	5.39	0.73	24
	6515	113	-7.76	-7.92	-4.83	-	-	-	-8.57	-7.94	-5.23	2.39	2.37	5.39	0.56	24
UNII7	6535	117	-9.96	-9.18	-6.54	-	-	-	-9.88	-9.18	-6.51	2.17	3.40	5.82	-0.69	24
	6695	149	-10.32	-9.23	-6.73	-	-	-	-10.29	-9.19	-6.69	2.17	3.40	5.82	-0.88	24
	6855	181	-9.00	-7.81	-5.35	-	-	-	-8.87	-7.78	-5.28	2.17	3.40	5.82	0.54	24
UNII8	6875	185	-8.41	-7.27	-4.79	-	-	-	-8.31	-7.15	-4.68	0.84	3.40	5.22	0.54	24
	6995	209	-7.48	-7.05	-4.25	-	-	-	-7.41	-6.92	-4.15	0.84	3.40	5.22	1.08	24
	7115	233	-7.76	-8.03	-4.88	-	-	-	-7.83	-7.85	-4.83	0.84	3.40	5.22	0.40	24

Mode : HE20 242T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5955	1	-	-	-	-0.13	1.03	3.50	-	-	-	2.65	2.63	5.65	9.15	24
	6175	45	-	-	-	0.08	0.73	3.43	-	-	-	2.65	2.63	5.65	9.08	24
	6415	93	-	-	-	-0.13	-0.09	2.90	-	-	-	2.65	2.63	5.65	8.55	24
UNII6	6435	97	-	-	-	-0.13	-0.30	2.80	-	-	-	2.39	2.37	5.39	8.19	24
	6475	105	-	-	-	-0.08	-0.28	2.83	-	-	-	2.39	2.37	5.39	8.22	24
	6515	113	-	-	-	-0.41	-0.62	2.50	-	-	-	2.39	2.37	5.39	7.89	24
UNII7	6535	117	-	-	-	0.00	-0.17	2.93	-	-	-	2.17	3.40	5.82	8.75	24
	6695	149	-	-	-	-0.33	-0.45	2.62	-	-	-	2.17	3.40	5.82	8.44	24
	6855	181	-	-	-	0.22	0.16	3.20	-	-	-	2.17	3.40	5.82	9.02	24
UNII8	6875	185	-	-	-	0.29	0.25	3.28	-	-	-	0.84	3.40	5.22	8.51	24
	6995	209	-	-	-	0.68	0.82	3.76	-	-	-	0.84	3.40	5.22	8.99	24
	7115	233	-	-	-	0.64	0.67	3.67	-	-	-	0.84	3.40	5.22	8.89	24

Mode : HE20 SU

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5955	1	-	-	-	-1.01	-0.48	2.28	-	-	-	2.65	2.63	5.65	7.93	24
	6175	45	-	-	-	-0.37	-0.10	2.77	-	-	-	2.65	2.63	5.65	8.43	24
	6415	93	-	-	-	-1.12	-1.16	1.87	-	-	-	2.65	2.63	5.65	7.52	24
UNII6	6435	97	-	-	-	0.56	0.33	3.45	-	-	-	2.39	2.37	5.39	8.85	24
	6475	105	-	-	-	0.57	0.34	3.47	-	-	-	2.39	2.37	5.39	8.86	24
	6515	113	-	-	-	0.25	0.17	3.22	-	-	-	2.39	2.37	5.39	8.61	24
UNII7	6535	117	-	-	-	0.16	0.09	3.13	-	-	-	2.17	3.40	5.82	8.95	24
	6695	149	-	-	-	-0.17	-0.15	2.85	-	-	-	2.17	3.40	5.82	8.66	24
	6855	181	-	-	-	0.40	0.42	3.42	-	-	-	2.17	3.40	5.82	9.24	24
UNII8	6875	185	-	-	-	-0.01	0.33	3.17	-	-	-	0.84	3.40	5.22	8.40	24
	6995	209	-	-	-	0.63	0.51	3.58	-	-	-	0.84	3.40	5.22	8.81	24
	7115	233	-	-	-	0.28	-0.38	2.97	-	-	-	0.84	3.40	5.22	8.20	24

Mode : HE40 26T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5965	3	-9.12	-8.41	-5.74	-8.79	-8.16	-5.45	-8.99	-8.38	-5.66	2.65	2.63	5.65	0.20	24
	6165	43	-8.69	-8.33	-5.50	-8.33	-7.99	-5.15	-8.52	-8.24	-5.37	2.65	2.63	5.65	0.50	24
	6405	91	-8.81	-9.08	-5.94	-8.54	-8.86	-5.69	-8.86	-9.21	-6.02	2.65	2.63	5.65	-0.04	24
UNII6	6445	99	-8.40	-8.70	-5.54	-8.05	-8.33	-5.18	-8.27	-8.62	-5.43	2.39	2.37	5.39	0.21	24
	6485	107	-8.33	-8.67	-5.48	-8.04	-8.33	-5.17	-8.36	-8.70	-5.52	2.39	2.37	5.39	0.22	24
	6525	115	-8.37	-8.70	-5.52	-8.05	-8.39	-5.21	-8.30	-8.54	-5.41	2.39	2.37	5.39	0.18	24
UNII7	6565	123	-8.63	-9.90	-6.21	-8.27	-9.49	-5.83	-8.44	-9.74	-6.03	2.17	3.40	5.82	-0.01	24
	6685	147	-8.29	-9.68	-5.92	-7.97	-9.16	-5.51	-8.16	-9.48	-5.76	2.17	3.40	5.82	0.30	24
	6845	179	-8.26	-8.85	-5.53	-7.84	-8.41	-5.10	-7.94	-8.53	-5.22	2.17	3.40	5.82	0.71	24
UNII8	6885	187	-8.28	-8.37	-5.32	-7.97	-8.05	-5.00	-8.02	-8.17	-5.08	0.84	3.40	5.22	0.23	24
	7005	211	-8.15	-7.89	-5.01	-7.81	-7.55	-4.67	-8.09	-7.87	-4.97	0.84	3.40	5.22	0.56	24
	7085	227	-8.19	-8.34	-5.25	-7.93	-8.26	-5.08	-8.32	-8.62	-5.46	0.84	3.40	5.22	0.14	24

Mode : HE40 52T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5965	3	-8.68	-8.65	-5.66	-8.53	-8.25	-5.38	-8.65	-8.48	-5.55	2.65	2.63	5.65	0.28	24
	6165	43	-8.38	-8.37	-5.36	-8.05	-8.07	-5.05	-8.29	-8.34	-5.30	2.65	2.63	5.65	0.60	24
	6405	91	-8.84	-9.17	-5.99	-8.58	-8.96	-5.75	-8.87	-9.31	-6.07	2.65	2.63	5.65	-0.10	24
UNII6	6445	99	-8.43	-8.81	-5.61	-8.14	-8.45	-5.28	-8.33	-8.70	-5.50	2.39	2.37	5.39	0.11	24
	6485	107	-8.42	-8.74	-5.57	-8.06	-8.43	-5.23	-8.43	-8.83	-5.62	2.39	2.37	5.39	0.16	24
	6525	115	-8.45	-8.82	-5.62	-8.19	-8.50	-5.33	-8.37	-8.64	-5.49	2.39	2.37	5.39	0.06	24
UNII7	6565	123	-9.05	-9.48	-6.25	-8.63	-9.05	-5.82	-8.83	-9.25	-6.03	2.17	3.40	5.82	-0.01	24
	6685	147	-8.96	-9.25	-6.09	-8.56	-8.78	-5.66	-8.79	-9.06	-5.92	2.17	3.40	5.82	0.16	24
	6845	179	-8.61	-8.39	-5.49	-8.28	-7.95	-5.10	-8.25	-8.07	-5.15	2.17	3.40	5.82	0.71	24
UNII8	6885	187	-8.16	-8.18	-5.16	-7.79	-7.86	-4.82	-8.00	-8.01	-4.99	0.84	3.40	5.22	0.41	24
	7005	211	-8.09	-8.44	-5.25	-7.69	-8.21	-4.93	-8.06	-8.41	-5.22	0.84	3.40	5.22	0.29	24
	7085	227	-8.10	-8.89	-5.46	-7.92	-8.87	-5.36	-8.12	-9.10	-5.57	0.84	3.40	5.22	-0.13	24

Mode : HE40 106T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5965	3	-8.31	-8.88	-5.58	-8.03	-8.62	-5.30	-8.22	-8.83	-5.51	2.65	2.63	5.65	0.35	24
	6165	43	-8.05	-8.77	-5.39	-7.80	-8.51	-5.13	-7.95	-8.72	-5.31	2.65	2.63	5.65	0.52	24
	6405	91	-8.55	-9.58	-6.02	-8.35	-9.46	-5.86	-8.59	-9.68	-6.09	2.65	2.63	5.65	-0.21	24
UNII6	6445	99	-8.09	-9.20	-5.60	-7.88	-8.93	-5.36	-8.00	-9.09	-5.50	2.39	2.37	5.39	0.03	24
	6485	107	-8.05	-9.13	-5.55	-7.81	-8.98	-5.35	-8.02	-9.25	-5.58	2.39	2.37	5.39	0.04	24
	6525	115	-8.03	-9.19	-5.56	-7.86	-9.03	-5.40	-7.94	-9.09	-5.47	2.39	2.37	5.39	-0.01	24
UNII7	6565	123	-8.51	-9.81	-6.10	-8.25	-9.56	-5.85	-8.34	-9.69	-5.95	2.17	3.40	5.82	-0.03	24
	6685	147	-8.21	-9.56	-5.82	-7.89	-9.32	-5.53	-8.14	-9.42	-5.72	2.17	3.40	5.82	0.28	24
	6845	179	-8.17	-8.81	-5.47	-7.90	-8.56	-5.21	-7.95	-8.54	-5.23	2.17	3.40	5.82	0.61	24
UNII8	6885	187	-7.82	-8.54	-5.16	-7.53	-8.24	-4.86	-7.81	-8.38	-5.08	0.84	3.40	5.22	0.36	24
	7005	211	-8.03	-8.81	-5.39	-7.78	-8.56	-5.14	-8.05	-8.79	-5.40	0.84	3.40	5.22	0.08	24
	7085	227	-8.11	-9.33	-5.67	-7.91	-9.06	-5.44	-8.23	-9.51	-5.82	0.84	3.40	5.22	-0.21	24

Mode : HE40 242T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5965	3	-8.18	-8.77	-5.46	-	-	-	-8.21	-8.84	-5.50	2.65	2.63	5.65	0.19	24
	6165	43	-7.88	-8.68	-5.25	-	-	-	-7.86	-8.68	-5.24	2.65	2.63	5.65	0.41	24
	6405	91	-8.45	-9.53	-5.95	-	-	-	-8.51	-9.63	-6.03	2.65	2.63	5.65	-0.30	24
UNII6	6445	99	-8.02	-9.14	-5.53	-	-	-	-7.99	-9.08	-5.49	2.39	2.37	5.39	-0.10	24
	6485	107	-7.93	-9.08	-5.46	-	-	-	-7.95	-9.13	-5.49	2.39	2.37	5.39	-0.07	24
	6525	115	-8.00	-9.17	-5.53	-	-	-	-7.93	-9.11	-5.47	2.39	2.37	5.39	-0.08	24
UNII7	6565	123	-8.41	-9.76	-6.02	-	-	-	-8.36	-9.69	-5.96	2.17	3.40	5.82	-0.15	24
	6685	147	-8.11	-9.53	-5.75	-	-	-	-8.14	-9.47	-5.74	2.17	3.40	5.82	0.07	24
	6845	179	-8.08	-8.71	-5.37	-	-	-	-7.96	-8.54	-5.23	2.17	3.40	5.82	0.59	24
UNII8	6885	187	-7.66	-8.45	-5.03	-	-	-	-7.71	-8.42	-5.04	0.84	3.40	5.22	0.20	24
	7005	211	-7.92	-8.71	-5.28	-	-	-	-7.98	-8.80	-5.36	0.84	3.40	5.22	-0.06	24
	7085	227	-8.00	-9.24	-5.57	-	-	-	-8.12	-9.47	-5.73	0.84	3.40	5.22	-0.34	24

Mode : HE40 484T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5965	3	-	-	-	2.24	2.45	5.36	-	-	-	2.65	2.63	5.65	11.01	24
	6165	43	-	-	-	2.68	2.29	5.50	-	-	-	2.65	2.63	5.65	11.15	24
	6405	91	-	-	-	2.33	1.53	4.96	-	-	-	2.65	2.63	5.65	10.61	24
UNII6	6445	99	-	-	-	2.58	2.80	5.70	-	-	-	2.39	2.37	5.39	11.09	24
	6485	107	-	-	-	2.52	2.79	5.67	-	-	-	2.39	2.37	5.39	11.06	24
	6525	115	-	-	-	2.21	2.71	5.48	-	-	-	2.39	2.37	5.39	10.87	24
UNII7	6565	123	-	-	-	2.22	1.37	4.82	-	-	-	2.17	3.40	5.82	10.64	24
	6685	147	-	-	-	2.07	1.41	4.76	-	-	-	2.17	3.40	5.82	10.58	24
	6845	179	-	-	-	2.46	1.76	5.13	-	-	-	2.17	3.40	5.82	10.95	24
UNII8	6885	187	-	-	-	2.62	3.00	5.83	-	-	-	0.84	3.40	5.22	11.05	24
	7005	211	-	-	-	2.77	3.17	5.98	-	-	-	0.84	3.40	5.22	11.21	24
	7085	227	-	-	-	2.77	3.06	5.93	-	-	-	0.84	3.40	5.22	11.15	24

Mode : HE40 SU

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5965	3	-	-	-	1.80	2.99	5.45	-	-	-	2.65	2.63	5.65	11.10	24
	6165	43	-	-	-	2.09	2.72	5.43	-	-	-	2.65	2.63	5.65	11.08	24
	6405	91	-	-	-	1.86	1.90	4.89	-	-	-	2.65	2.63	5.65	10.54	24
UNII6	6445	99	-	-	-	2.72	2.63	5.68	-	-	-	2.39	2.37	5.39	11.07	24
	6485	107	-	-	-	2.74	2.62	5.69	-	-	-	2.39	2.37	5.39	11.08	24
	6525	115	-	-	-	2.44	2.50	5.48	-	-	-	2.39	2.37	5.39	10.87	24
UNII7	6565	123	-	-	-	2.14	2.23	5.19	-	-	-	2.17	3.40	5.82	11.01	24
	6685	147	-	-	-	2.05	2.15	5.11	-	-	-	2.17	3.40	5.82	10.93	24
	6845	179	-	-	-	2.37	2.13	5.26	-	-	-	2.17	3.40	5.82	11.08	24
UNII8	6885	187	-	-	-	2.57	2.90	5.75	-	-	-	0.84	3.40	5.22	10.97	24
	7005	211	-	-	-	2.62	2.97	5.81	-	-	-	0.84	3.40	5.22	11.03	24
	7085	227	-	-	-	2.63	2.87	5.76	-	-	-	0.84	3.40	5.22	10.99	24

Mode : HE80 26T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5985	7	-8.97	-8.23	-5.57	-8.86	-8.20	-5.51	-8.69	-8.09	-5.37	2.65	2.63	5.65	0.28	24
	6145	39	-8.61	-8.20	-5.39	-8.46	-8.10	-5.27	-8.43	-8.14	-5.27	2.65	2.63	5.65	0.38	24
	6385	87	-8.66	-8.85	-5.74	-8.60	-8.92	-5.75	-8.80	-9.11	-5.94	2.65	2.63	5.65	-0.09	24
UNII6	6465	103	-8.23	-8.51	-5.36	-8.18	-8.43	-5.29	-8.28	-8.58	-5.42	2.39	2.37	5.39	0.10	24
	6545	119	-7.77	-8.35	-5.04	-7.70	-8.24	-4.95	-7.58	-8.11	-4.83	2.39	2.37	5.39	0.56	24
UNII7	6625	135	-8.46	-9.02	-5.72	-8.41	-8.98	-5.67	-8.26	-8.81	-5.52	2.17	3.40	5.82	0.30	24
	6705	151	-8.54	-9.02	-5.76	-8.36	-8.90	-5.61	-8.12	-8.49	-5.29	2.17	3.40	5.82	0.53	24
	6785	167	-8.47	-8.81	-5.63	-8.18	-8.51	-5.33	-7.95	-8.32	-5.12	2.17	3.40	5.82	0.70	24
UNII8	6865	183	-8.47	-8.76	-5.60	-8.35	-8.54	-5.43	-8.12	-8.38	-5.24	0.84	3.40	5.22	-0.01	24
	6945	199	-8.10	-7.56	-4.81	-7.85	-7.59	-4.71	-7.82	-7.54	-4.67	0.84	3.40	5.22	0.55	24
	7025	215	-7.95	-7.75	-4.84	-7.86	-7.88	-4.86	-7.86	-7.93	-4.89	0.84	3.40	5.22	0.39	24

Mode : HE80 52T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5985	7	-9.09	-8.78	-5.92	-8.96	-8.81	-5.87	-8.71	-8.66	-5.67	2.65	2.63	5.65	-0.02	24
	6145	39	-8.52	-8.67	-5.58	-8.40	-8.66	-5.52	-8.32	-8.63	-5.46	2.65	2.63	5.65	0.19	24
	6385	87	-8.77	-9.38	-6.05	-8.83	-9.54	-6.16	-8.92	-9.65	-6.26	2.65	2.63	5.65	-0.40	24
UNII6	6465	103	-8.23	-9.09	-5.63	-8.24	-9.08	-5.63	-8.21	-9.15	-5.64	2.39	2.37	5.39	-0.24	24
	6545	119	-7.85	-8.90	-5.33	-7.77	-8.81	-5.25	-7.57	-8.60	-5.04	2.39	2.37	5.39	0.35	24
UNII7	6625	135	-8.51	-9.52	-5.97	-8.49	-9.64	-6.02	-8.34	-9.32	-5.79	2.17	3.40	5.82	0.03	24
	6705	151	-8.48	-9.51	-5.96	-8.39	-9.39	-5.85	-8.23	-9.07	-5.62	2.17	3.40	5.82	0.20	24
	6785	167	-8.54	-9.32	-5.90	-8.40	-8.98	-5.67	-8.20	-8.72	-5.44	2.17	3.40	5.82	0.37	24
UNII8	6865	183	-8.56	-9.17	-5.84	-8.53	-8.94	-5.72	-8.47	-8.75	-5.60	0.84	3.40	5.22	-0.37	24
	6945	199	-7.84	-8.46	-5.13	-7.84	-8.56	-5.18	-7.88	-8.50	-5.17	0.84	3.40	5.22	0.10	24
	7025	215	-7.99	-8.73	-5.33	-7.99	-8.95	-5.43	-8.01	-8.99	-5.46	0.84	3.40	5.22	-0.11	24

Mode : HE80 106T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5985	7	-9.06	-8.89	-5.96	-8.90	-8.91	-5.89	-8.70	-8.78	-5.73	2.65	2.63	5.65	-0.08	24
	6145	39	-8.47	-8.80	-5.62	-8.37	-8.77	-5.55	-8.28	-8.77	-5.51	2.65	2.63	5.65	0.14	24
	6385	87	-8.75	-9.50	-6.10	-8.83	-9.72	-6.24	-8.92	-9.84	-6.35	2.65	2.63	5.65	-0.45	24
UNII6	6465	103	-8.35	-9.24	-5.76	-8.31	-9.19	-5.72	-8.39	-9.27	-5.80	2.39	2.37	5.39	-0.33	24
	6545	119	-7.97	-9.13	-5.50	-7.86	-9.01	-5.39	-7.70	-8.85	-5.23	2.39	2.37	5.39	0.16	24
UNII7	6625	135	-8.60	-9.65	-6.08	-8.59	-9.71	-6.10	-8.44	-9.48	-5.92	2.17	3.40	5.82	-0.10	24
	6705	151	-8.58	-9.62	-6.06	-8.50	-9.51	-5.96	-8.34	-9.15	-5.72	2.17	3.40	5.82	0.10	24
	6785	167	-8.63	-9.37	-5.97	-8.40	-9.01	-5.69	-8.30	-8.80	-5.53	2.17	3.40	5.82	0.29	24
UNII8	6865	183	-8.73	-9.23	-5.96	-8.50	-8.96	-5.71	-8.54	-8.79	-5.65	0.84	3.40	5.22	-0.43	24
	6945	199	-7.77	-8.40	-5.07	-7.84	-8.53	-5.16	-7.81	-8.52	-5.14	0.84	3.40	5.22	0.16	24
	7025	215	-7.90	-8.73	-5.29	-8.01	-8.93	-5.43	-8.05	-9.02	-5.50	0.84	3.40	5.22	-0.06	24

Mode : HE80 242T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5985	7	-8.43	-9.19	-5.79	-8.35	-9.17	-5.73	-8.30	-9.08	-5.66	2.65	2.63	5.65	-0.01	24
	6145	39	-8.21	-9.03	-5.59	-8.17	-9.03	-5.57	-8.12	-9.04	-5.54	2.65	2.63	5.65	0.11	24
	6385	87	-8.68	-9.78	-6.19	-8.67	-9.88	-6.22	-8.78	-10.05	-6.36	2.65	2.63	5.65	-0.54	24
UNII6	6465	103	-7.77	-8.70	-5.20	-7.72	-8.72	-5.18	-7.67	-8.67	-5.13	2.39	2.37	5.39	0.26	24
	6545	119	-7.33	-8.55	-4.89	-7.24	-8.57	-4.85	-7.11	-8.33	-4.66	2.39	2.37	5.39	0.73	24
UNII7	6625	135	-8.01	-9.17	-5.54	-7.98	-9.25	-5.56	-7.92	-9.04	-5.44	2.17	3.40	5.82	0.38	24
	6705	151	-7.94	-9.09	-5.47	-7.93	-9.13	-5.48	-7.89	-8.77	-5.30	2.17	3.40	5.82	0.52	24
	6785	167	-8.18	-8.90	-5.51	-8.09	-8.81	-5.43	-8.05	-8.42	-5.22	2.17	3.40	5.82	0.59	24
UNII8	6865	183	-8.43	-8.77	-5.59	-8.33	-8.68	-5.49	-8.33	-8.47	-5.39	0.84	3.40	5.22	-0.17	24
	6945	199	-7.72	-8.03	-4.86	-7.72	-8.05	-4.87	-7.75	-8.22	-4.97	0.84	3.40	5.22	0.36	24
	7025	215	-7.76	-8.28	-5.00	-7.77	-8.34	-5.03	-7.82	-8.62	-5.19	0.84	3.40	5.22	0.22	24

Mode : HE80 484T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5985	7	-7.91	-8.91	-5.37	-	-	-	-7.82	-8.88	-5.31	2.65	2.63	5.65	0.34	24
	6145	39	-7.70	-8.85	-5.23	-	-	-	-7.64	-8.87	-5.20	2.65	2.63	5.65	0.45	24
	6385	87	-8.18	-9.64	-5.84	-	-	-	-8.24	-9.98	-6.01	2.65	2.63	5.65	-0.19	24
UNII6	6465	103	-8.02	-9.06	-5.50	-	-	-	-7.94	-9.02	-5.44	2.39	2.37	5.39	-0.05	24
	6545	119	-7.54	-8.88	-5.15	-	-	-	-7.36	-8.66	-4.95	2.39	2.37	5.39	0.44	24
UNII7	6625	135	-8.24	-9.53	-5.83	-	-	-	-8.16	-9.46	-5.75	2.17	3.40	5.82	0.07	24
	6705	151	-8.13	-9.48	-5.74	-	-	-	-8.09	-9.27	-5.63	2.17	3.40	5.82	0.19	24
	6785	167	-8.33	-9.24	-5.75	-	-	-	-8.23	-8.93	-5.56	2.17	3.40	5.82	0.26	24
UNII8	6865	183	-8.57	-9.16	-5.85	-	-	-	-8.50	-8.93	-5.70	0.84	3.40	5.22	-0.48	24
	6945	199	-7.89	-8.52	-5.18	-	-	-	-7.90	-8.63	-5.24	0.84	3.40	5.22	0.04	24
	7025	215	-7.95	-8.81	-5.35	-	-	-	-7.96	-9.00	-5.44	0.84	3.40	5.22	-0.12	24

Mode : HE80 996T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5985	7	-	-	-	5.03	6.29	8.71	-	-	-	2.65	2.63	5.65	14.36	24
	6145	39	-	-	-	5.34	6.05	8.72	-	-	-	2.65	2.63	5.65	14.37	24
	6385	87	-	-	-	5.11	5.23	8.18	-	-	-	2.65	2.63	5.65	13.83	24
UNII6	6465	103	-	-	-	5.56	5.31	8.45	-	-	-	2.39	2.37	5.39	13.84	24
	6545	119	-	-	-	5.62	5.65	8.65	-	-	-	2.39	2.37	5.39	14.04	24
UNII7	6625	135	-	-	-	5.06	4.77	7.93	-	-	-	2.17	3.40	5.82	13.75	24
	6705	151	-	-	-	4.78	4.91	7.86	-	-	-	2.17	3.40	5.82	13.68	24
	6785	167	-	-	-	4.45	4.99	7.74	-	-	-	2.17	3.40	5.82	13.56	24
UNII8	6865	183	-	-	-	5.41	5.57	8.50	-	-	-	0.84	3.40	5.22	13.73	24
	6945	199	-	-	-	5.92	5.86	8.90	-	-	-	0.84	3.40	5.22	14.13	24
	7025	215	-	-	-	6.01	6.25	9.14	-	-	-	0.84	3.40	5.22	14.36	24

Mode : HE80 SU

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5985	7	-	-	-	4.73	6.07	8.46	-	-	-	2.65	2.63	5.65	14.11	24
	6145	39	-	-	-	5.21	5.91	8.58	-	-	-	2.65	2.63	5.65	14.23	24
	6385	87	-	-	-	4.83	5.04	7.95	-	-	-	2.65	2.63	5.65	13.60	24
UNII6	6465	103	-	-	-	5.28	5.18	8.24	-	-	-	2.39	2.37	5.39	13.63	24
	6545	119	-	-	-	5.36	5.46	8.42	-	-	-	2.39	2.37	5.39	13.81	24
UNII7	6625	135	-	-	-	4.73	4.57	7.66	-	-	-	2.17	3.40	5.82	13.48	24
	6705	151	-	-	-	4.50	4.73	7.63	-	-	-	2.17	3.40	5.82	13.44	24
	6785	167	-	-	-	4.10	4.74	7.44	-	-	-	2.17	3.40	5.82	13.26	24
UNII8	6865	183	-	-	-	5.21	5.33	8.28	-	-	-	0.84	3.40	5.22	13.51	24
	6945	199	-	-	-	5.70	5.63	8.68	-	-	-	0.84	3.40	5.22	13.90	24
	7025	215	-	-	-	5.80	6.01	8.92	-	-	-	0.84	3.40	5.22	14.14	24

Mode : 802.11a																
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]	[dBm]
UNII5	5955	1	-	-	-	-1.06	-0.48	2.25	-	-	-	2.65	2.63	5.65	7.90	24
	6175	45	-	-	-	-0.47	-0.08	2.74	-	-	-	2.65	2.63	5.65	8.39	24
	6415	93	-	-	-	-1.26	-1.19	1.79	-	-	-	2.65	2.63	5.65	7.44	24
UNII6	6435	97	-	-	-	-0.17	-0.40	2.73	-	-	-	2.39	2.37	5.39	8.12	24
	6475	105	-	-	-	-0.04	-0.36	2.81	-	-	-	2.39	2.37	5.39	8.20	24
	6515	113	-	-	-	-0.37	-0.50	2.58	-	-	-	2.39	2.37	5.39	7.97	24
UNII7	6535	117	-	-	-	-1.56	-1.77	1.35	-	-	-	2.17	3.40	5.82	7.16	24
	6695	149	-	-	-	-1.73	-1.87	1.21	-	-	-	2.17	3.40	5.82	7.03	24
	6855	181	-	-	-	-0.69	-0.41	2.46	-	-	-	2.17	3.40	5.82	8.28	24
UNII8	6875	185	-	-	-	-0.62	-0.33	2.54	-	-	-	0.84	3.40	5.22	7.76	24
	6995	209	-	-	-	0.07	0.01	3.05	-	-	-	0.84	3.40	5.22	8.27	24
	7115	233	-	-	-	-0.35	-0.97	2.36	-	-	-	0.84	3.40	5.22	7.58	24

10.4 POWER SPECTRAL DENSITY

10.4.1 Indoor client

Indoor client Limit : -1 dBm/MHz(e.i.r.p)

(MIMO_CDD(Ant1+Ant2))

- ANT1 Max. PSD (dBm/MHz) : Measured Conducted PSD(dBm/MHz) + Duty Factor (dB)
- ANT2 Max. PSD (dBm/MHz) : Measured Conducted PSD(dBm/MHz) + Duty Factor (dB)
- MIMO Max. PSD (dBm/MHz) = ANT1 Max. PSD(dBm/MHz) + ANT2 Max. PSD(dBm/MHz)
- EIRP PSD (dBm /MHz) = MIMO Max. PSD (ANT1 + ANT2) (dBm/MHz) + Directional Gain (dBi)

Note:

1. The MIMO_CDD(Ant1+Ant2) formula on page 8 and the maximum gain of each band in the antenna gain table were applied.

10.4.1.1 MIMO_CDD(Ant1+Ant2)

Mode : HE20 26T

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5955	1	-11.863	-11.378	-8.603	-12.763	-12.222	-9.474	-11.664	-11.248	-8.441	2.65	2.63	5.65	-2.790	-1
	6175	45	-11.144	-10.885	-8.002	-11.976	-11.837	-8.896	-11.278	-10.994	-8.123	2.65	2.63	5.65	-2.352	-1
	6415	93	-11.581	-11.808	-8.683	-12.669	-12.762	-9.705	-11.730	-11.866	-8.787	2.65	2.63	5.65	-3.032	-1
UNII6	6435	97	-10.577	-11.168	-7.852	-11.730	-11.944	-8.825	-10.816	-11.208	-7.997	2.39	2.37	5.39	-2.462	-1
	6475	105	-10.714	-10.981	-7.835	-11.636	-11.895	-8.753	-10.586	-10.912	-7.736	2.39	2.37	5.39	-2.345	-1
	6515	113	-11.000	-10.971	-7.975	-11.859	-11.973	-8.905	-11.055	-11.025	-8.030	2.39	2.37	5.39	-2.585	-1
UNII7	6535	117	-12.333	-12.380	-9.346	-14.015	-13.223	-10.591	-13.160	-12.228	-9.659	2.17	3.40	5.82	-3.529	-1
	6695	149	-13.252	-12.625	-9.917	-13.664	-13.191	-10.411	-12.693	-12.435	-9.552	2.17	3.40	5.82	-3.735	-1
	6855	181	-11.539	-10.676	-8.076	-12.275	-11.657	-8.945	-11.197	-10.612	-7.884	2.17	3.40	5.82	-2.067	-1
UNII8	6875	185	-10.757	-10.506	-7.619	-11.651	-11.424	-8.526	-10.720	-10.433	-7.564	0.84	3.40	5.22	-2.339	-1
	6995	209	-10.185	-10.301	-7.232	-10.914	-11.151	-8.020	-10.391	-10.166	-7.267	0.84	3.40	5.22	-2.008	-1
	7115	233	-10.614	-11.176	-7.876	-11.526	-12.073	-8.781	-10.144	-11.134	-7.600	0.84	3.40	5.22	-2.376	-1

Mode : HE20 52T

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5955	1	-14.601	-13.993	-11.276	-14.469	-14.076	-11.257	-14.378	-14.105	-11.229	2.65	2.63	5.65	-5.578	-1
	6175	45	-13.999	-13.816	-10.896	-14.132	-13.590	-10.842	-13.933	-13.550	-10.727	2.65	2.63	5.65	-5.076	-1
	6415	93	-14.618	-14.582	-11.589	-14.599	-14.490	-11.534	-14.729	-14.677	-11.692	2.65	2.63	5.65	-5.883	-1
UNII6	6435	97	-13.638	-13.931	-10.771	-13.508	-13.711	-10.598	-13.728	-13.857	-10.781	2.39	2.37	5.39	-5.207	-1
	6475	105	-13.602	-13.846	-10.712	-13.484	-13.700	-10.580	-13.499	-13.845	-10.658	2.39	2.37	5.39	-5.190	-1
	6515	113	-13.885	-13.969	-10.916	-13.791	-13.813	-10.791	-13.991	-13.819	-10.894	2.39	2.37	5.39	-5.401	-1
UNII7	6535	117	-15.211	-15.308	-12.249	-15.117	-15.027	-12.061	-15.145	-15.117	-12.120	2.17	3.40	5.82	-6.244	-1
	6695	149	-15.032	-15.245	-12.127	-15.068	-15.175	-12.111	-15.162	-15.356	-12.247	2.17	3.40	5.82	-6.294	-1
	6855	181	-14.135	-13.556	-10.825	-14.033	-13.461	-10.727	-13.948	-13.421	-10.666	2.17	3.40	5.82	-4.849	-1
UNII8	6875	185	-13.575	-13.492	-10.523	-13.310	-13.161	-10.224	-13.494	-13.200	-10.334	0.84	3.40	5.22	-5.000	-1
	6995	209	-13.195	-13.063	-10.118	-12.885	-13.079	-9.970	-13.027	-13.025	-10.015	0.84	3.40	5.22	-4.746	-1
	7115	233	-13.590	-14.104	-10.829	-13.261	-13.976	-10.593	-13.167	-13.988	-10.548	0.84	3.40	5.22	-5.323	-1

Mode : HE20 106T

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5955	1	-16.914	-16.567	-13.726	-	-	-	-16.882	-16.458	-13.654	2.65	2.63	5.65	-8.004	-1
	6175	45	-16.426	-16.233	-13.318	-	-	-	-16.446	-16.132	-13.275	2.65	2.63	5.65	-7.625	-1
	6415	93	-17.112	-17.155	-14.123	-	-	-	-17.055	-17.221	-14.127	2.65	2.63	5.65	-8.472	-1
UNII6	6435	97	-16.176	-16.399	-13.275	-	-	-	-16.189	-16.431	-13.298	2.39	2.37	5.39	-7.885	-1
	6475	105	-15.974	-16.529	-13.232	-	-	-	-16.053	-16.373	-13.199	2.39	2.37	5.39	-7.809	-1
	6515	113	-16.178	-16.370	-13.262	-	-	-	-16.299	-16.439	-13.358	2.39	2.37	5.39	-7.872	-1
UNII7	6535	117	-17.365	-17.659	-14.499	-	-	-	-17.386	-17.565	-14.464	2.17	3.40	5.82	-8.647	-1
	6695	149	-17.258	-17.597	-14.413	-	-	-	-17.371	-17.658	-14.501	2.17	3.40	5.82	-8.596	-1
	6855	181	-16.544	-16.215	-13.366	-	-	-	-16.364	-16.285	-13.314	2.17	3.40	5.82	-7.497	-1
UNII8	6875	185	-15.979	-15.562	-12.755	-	-	-	-16.006	-15.633	-12.805	0.84	3.40	5.22	-7.531	-1
	6995	209	-15.444	-15.460	-12.441	-	-	-	-15.423	-15.499	-12.450	0.84	3.40	5.22	-7.217	-1
	7115	233	-15.802	-16.444	-13.100	-	-	-	-15.901	-16.508	-13.183	0.84	3.40	5.22	-7.876	-1

Mode : HE20 242T

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5955	1	-	-	-	-11.343	-10.185	-7.716	-	-	-	2.65	2.63	5.65	-2.065	-1
	6175	45	-	-	-	-11.163	-10.524	-7.822	-	-	-	2.65	2.63	5.65	-2.172	-1
	6415	93	-	-	-	-11.423	-11.113	-8.255	-	-	-	2.65	2.63	5.65	-2.605	-1
UNII6	6435	97	-	-	-	-11.397	-11.290	-8.333	-	-	-	2.39	2.37	5.39	-2.943	-1
	6475	105	-	-	-	-11.143	-11.480	-8.298	-	-	-	2.39	2.37	5.39	-2.908	-1
	6515	113	-	-	-	-11.366	-11.771	-8.554	-	-	-	2.39	2.37	5.39	-3.164	-1
UNII7	6535	117	-	-	-	-11.180	-11.374	-8.266	-	-	-	2.17	3.40	5.82	-2.449	-1
	6695	149	-	-	-	-11.502	-11.610	-8.546	-	-	-	2.17	3.40	5.82	-2.729	-1
	6855	181	-	-	-	-11.074	-10.973	-8.013	-	-	-	2.17	3.40	5.82	-2.196	-1
UNII8	6875	185	-	-	-	-11.029	-10.879	-7.943	-	-	-	0.84	3.40	5.22	-2.719	-1
	6995	209	-	-	-	-10.513	-10.366	-7.429	-	-	-	0.84	3.40	5.22	-2.205	-1
	7115	233	-	-	-	-10.541	-10.532	-7.527	-	-	-	0.84	3.40	5.22	-2.302	-1

Mode : HE20 SU

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5955	1	-	-	-	-12.043	-11.591	-8.801	-	-	-	2.65	2.63	5.65	-3.150	-1
	6175	45	-	-	-	-11.702	-11.135	-8.399	-	-	-	2.65	2.63	5.65	-2.748	-1
	6415	93	-	-	-	-12.205	-12.314	-9.249	-	-	-	2.65	2.63	5.65	-3.598	-1
UNII6	6435	97	-	-	-	-10.636	-10.725	-7.670	-	-	-	2.39	2.37	5.39	-2.279	-1
	6475	105	-	-	-	-10.608	-11.019	-7.798	-	-	-	2.39	2.37	5.39	-2.408	-1
	6515	113	-	-	-	-11.138	-11.178	-8.147	-	-	-	2.39	2.37	5.39	-2.757	-1
UNII7	6535	117	-	-	-	-11.080	-11.014	-8.036	-	-	-	2.17	3.40	5.82	-2.219	-1
	6695	149	-	-	-	-11.383	-11.565	-8.463	-	-	-	2.17	3.40	5.82	-2.645	-1
	6855	181	-	-	-	-10.922	-10.914	-7.907	-	-	-	2.17	3.40	5.82	-2.090	-1
UNII8	6875	185	-	-	-	-11.226	-10.762	-7.977	-	-	-	0.84	3.40	5.22	-2.753	-1
	6995	209	-	-	-	-10.666	-10.739	-7.692	-	-	-	0.84	3.40	5.22	-2.468	-1
	7115	233	-	-	-	-10.785	-11.715	-8.215	-	-	-	0.84	3.40	5.22	-2.990	-1

Mode : HE40 26T

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5965	3	-11.856	-11.098	-8.450	-11.574	-10.925	-8.227	-11.629	-10.947	-8.265	2.65	2.63	5.65	-2.577	-1
	6165	43	-11.399	-11.117	-8.246	-11.212	-10.974	-8.081	-11.352	-10.898	-8.109	2.65	2.63	5.65	-2.431	-1
	6405	91	-11.552	-11.753	-8.641	-11.255	-11.747	-8.484	-11.643	-11.920	-8.769	2.65	2.63	5.65	-2.834	-1
UNII6	6445	99	-11.089	-11.526	-8.292	-10.586	-11.153	-7.850	-11.023	-11.328	-8.163	2.39	2.37	5.39	-2.460	-1
	6485	107	-11.099	-11.562	-8.314	-10.795	-11.007	-7.890	-11.132	-11.508	-8.306	2.39	2.37	5.39	-2.499	-1
	6525	115	-10.971	-11.359	-8.151	-10.825	-11.158	-7.978	-11.017	-11.351	-8.171	2.39	2.37	5.39	-2.588	-1
UNII7	6565	123	-11.280	-12.711	-8.927	-11.253	-12.279	-8.726	-11.179	-12.265	-8.678	2.17	3.40	5.82	-2.861	-1
	6685	147	-10.944	-12.139	-8.490	-10.722	-12.014	-8.310	-10.701	-12.068	-8.321	2.17	3.40	5.82	-2.493	-1
	6845	179	-11.033	-11.813	-8.395	-10.636	-11.374	-7.979	-10.732	-11.337	-8.014	2.17	3.40	5.82	-2.162	-1
UNII8	6885	187	-11.038	-11.050	-8.034	-10.775	-10.911	-7.832	-10.661	-11.157	-7.892	0.84	3.40	5.22	-2.608	-1
	7005	211	-10.827	-10.756	-7.781	-10.615	-10.292	-7.440	-10.753	-10.697	-7.715	0.84	3.40	5.22	-2.216	-1
	7085	227	-10.926	-10.888	-7.897	-10.688	-11.011	-7.836	-10.918	-11.576	-8.224	0.84	3.40	5.22	-2.612	-1

Mode : HE40 52T

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5965	3	-13.577	-14.028	-10.787	-13.242	-13.727	-10.468	-13.217	-14.049	-10.603	2.65	2.63	5.65	-4.817	-1
	6165	43	-13.129	-13.938	-10.505	-12.927	-13.574	-10.228	-13.190	-13.933	-10.536	2.65	2.63	5.65	-4.578	-1
	6405	91	-13.755	-14.753	-11.215	-13.639	-14.639	-11.100	-13.919	-14.975	-11.405	2.65	2.63	5.65	-5.450	-1
UNII6	6445	99	-13.324	-14.233	-10.745	-12.888	-14.043	-10.417	-13.213	-14.171	-10.656	2.39	2.37	5.39	-5.027	-1
	6485	107	-13.358	-14.263	-10.777	-12.904	-13.990	-10.403	-13.211	-14.310	-10.716	2.39	2.37	5.39	-5.013	-1
	6525	115	-13.238	-14.283	-10.719	-12.987	-14.158	-10.523	-13.126	-14.327	-10.675	2.39	2.37	5.39	-5.133	-1
UNII7	6565	123	-13.578	-14.971	-11.209	-13.363	-14.649	-10.948	-13.325	-14.841	-11.007	2.17	3.40	5.82	-5.131	-1
	6685	147	-13.461	-14.690	-11.022	-13.056	-14.402	-10.667	-13.178	-14.701	-10.863	2.17	3.40	5.82	-4.850	-1
	6845	179	-13.250	-13.978	-10.589	-12.933	-13.517	-10.205	-13.153	-13.770	-10.440	2.17	3.40	5.82	-4.388	-1
UNII8	6885	187	-12.970	-13.580	-10.254	-12.691	-13.308	-9.978	-12.775	-13.631	-10.172	0.84	3.40	5.22	-4.754	-1
	7005	211	-13.155	-13.968	-10.532	-12.949	-13.666	-10.283	-13.158	-14.150	-10.616	0.84	3.40	5.22	-5.058	-1
	7085	227	-13.310	-14.430	-10.824	-13.092	-14.399	-10.686	-13.372	-14.645	-10.952	0.84	3.40	5.22	-5.462	-1

Mode : HE40 106T

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5965	3	-16.836	-17.348	-14.074	-16.624	-17.158	-13.873	-16.805	-17.295	-14.033	2.65	2.63	5.65	-8.222	-1
	6165	43	-16.489	-17.203	-13.821	-16.431	-17.074	-13.730	-16.425	-17.325	-13.841	2.65	2.63	5.65	-8.080	-1
	6405	91	-17.093	-18.168	-14.587	-16.940	-17.983	-14.420	-17.179	-18.203	-14.651	2.65	2.63	5.65	-8.770	-1
UNII6	6445	99	-16.735	-17.586	-14.129	-16.504	-17.504	-13.965	-16.589	-17.573	-14.043	2.39	2.37	5.39	-8.575	-1
	6485	107	-16.666	-17.555	-14.078	-16.413	-17.468	-13.898	-16.274	-17.581	-13.868	2.39	2.37	5.39	-8.478	-1
	6525	115	-16.574	-17.634	-14.062	-16.361	-17.523	-13.893	-16.455	-17.637	-13.996	2.39	2.37	5.39	-8.503	-1
UNII7	6565	123	-16.971	-18.157	-14.513	-16.860	-18.160	-14.451	-16.780	-18.143	-14.398	2.17	3.40	5.82	-8.581	-1
	6685	147	-16.798	-18.098	-14.389	-16.353	-17.807	-14.009	-16.852	-17.994	-14.375	2.17	3.40	5.82	-8.192	-1
	6845	179	-16.625	-17.186	-13.886	-16.456	-17.026	-13.721	-16.416	-16.974	-13.676	2.17	3.40	5.82	-7.859	-1
UNII8	6885	187	-16.286	-17.025	-13.630	-16.085	-16.706	-13.374	-16.273	-16.901	-13.565	0.84	3.40	5.22	-8.150	-1
	7005	211	-16.440	-17.311	-13.843	-16.447	-17.129	-13.764	-16.527	-17.142	-13.813	0.84	3.40	5.22	-8.540	-1
	7085	227	-16.583	-17.803	-14.140	-16.443	-17.545	-13.949	-16.553	-18.040	-14.223	0.84	3.40	5.22	-8.725	-1

Mode : HE40 242T

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5965	3	-20.032	-20.700	-17.343	-	-	-	-20.099	-20.621	-17.342	2.65	2.63	5.65	-11.692	-1
	6165	43	-19.819	-20.710	-17.232	-	-	-	-19.856	-20.639	-17.220	2.65	2.63	5.65	-11.569	-1
	6405	91	-20.430	-21.545	-17.942	-	-	-	-20.545	-21.501	-17.987	2.65	2.63	5.65	-12.291	-1
UNII6	6445	99	-19.942	-20.934	-17.400	-	-	-	-19.963	-20.890	-17.392	2.39	2.37	5.39	-12.001	-1
	6485	107	-19.921	-21.071	-17.448	-	-	-	-19.826	-21.140	-17.423	2.39	2.37	5.39	-12.033	-1
	6525	115	-19.933	-21.056	-17.448	-	-	-	-19.870	-20.934	-17.359	2.39	2.37	5.39	-11.969	-1
UNII7	6565	123	-20.133	-21.554	-17.775	-	-	-	-20.203	-21.587	-17.830	2.17	3.40	5.82	-11.958	-1
	6685	147	-20.002	-21.441	-17.652	-	-	-	-20.121	-21.363	-17.688	2.17	3.40	5.82	-11.835	-1
	6845	179	-20.056	-20.642	-17.329	-	-	-	-19.967	-20.461	-17.197	2.17	3.40	5.82	-11.380	-1
UNII8	6885	187	-19.530	-20.245	-16.863	-	-	-	-19.593	-20.242	-16.895	0.84	3.40	5.22	-11.638	-1
	7005	211	-19.821	-20.513	-17.143	-	-	-	-19.849	-20.831	-17.302	0.84	3.40	5.22	-11.919	-1
	7085	227	-19.885	-21.157	-17.464	-	-	-	-20.153	-21.401	-17.722	0.84	3.40	5.22	-12.240	-1

Mode : HE40 484T

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5965	3	-	-	-	-11.062	-10.899	-7.970	-	-	-	2.65	2.63	5.65	-2.319	-1
	6165	43	-	-	-	-10.843	-10.900	-7.861	-	-	-	2.65	2.63	5.65	-2.211	-1
	6405	91	-	-	-	-10.845	-11.933	-8.345	-	-	-	2.65	2.63	5.65	-2.695	-1
UNII6	6445	99	-	-	-	-10.786	-10.687	-7.726	-	-	-	2.39	2.37	5.39	-2.336	-1
	6485	107	-	-	-	-10.888	-10.583	-7.723	-	-	-	2.39	2.37	5.39	-2.332	-1
	6525	115	-	-	-	-11.247	-10.661	-7.934	-	-	-	2.39	2.37	5.39	-2.544	-1
UNII7	6565	123	-	-	-	-11.015	-11.939	-8.442	-	-	-	2.17	3.40	5.82	-2.625	-1
	6685	147	-	-	-	-11.305	-11.871	-8.569	-	-	-	2.17	3.40	5.82	-2.752	-1
	6845	179	-	-	-	-10.803	-11.709	-8.222	-	-	-	2.17	3.40	5.82	-2.405	-1
UNII8	6885	187	-	-	-	-10.562	-10.316	-7.427	-	-	-	0.84	3.40	5.22	-2.203	-1
	7005	211	-	-	-	-10.684	-10.240	-7.446	-	-	-	0.84	3.40	5.22	-2.222	-1
	7085	227	-	-	-	-10.515	-10.157	-7.322	-	-	-	0.84	3.40	5.22	-2.098	-1

Mode : HE40 SU

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5965	3	-	-	-	-11.689	-10.571	-8.084	-	-	-	2.65	2.63	5.65	-2.433	-1
	6165	43	-	-	-	-11.255	-10.824	-8.024	-	-	-	2.65	2.63	5.65	-2.373	-1
	6405	91	-	-	-	-11.642	-11.258	-8.435	-	-	-	2.65	2.63	5.65	-2.785	-1
UNII6	6445	99	-	-	-	-10.715	-10.542	-7.617	-	-	-	2.39	2.37	5.39	-2.227	-1
	6485	107	-	-	-	-10.781	-10.879	-7.819	-	-	-	2.39	2.37	5.39	-2.429	-1
	6525	115	-	-	-	-10.933	-10.997	-7.954	-	-	-	2.39	2.37	5.39	-2.564	-1
UNII7	6565	123	-	-	-	-11.234	-11.222	-8.217	-	-	-	2.17	3.40	5.82	-2.400	-1
	6685	147	-	-	-	-11.320	-11.461	-8.379	-	-	-	2.17	3.40	5.82	-2.562	-1
	6845	179	-	-	-	-10.917	-11.159	-8.026	-	-	-	2.17	3.40	5.82	-2.209	-1
UNII8	6885	187	-	-	-	-10.782	-10.472	-7.614	-	-	-	0.84	3.40	5.22	-2.389	-1
	7005	211	-	-	-	-10.786	-10.241	-7.494	-	-	-	0.84	3.40	5.22	-2.270	-1
	7085	227	-	-	-	-10.793	-10.276	-7.516	-	-	-	0.84	3.40	5.22	-2.292	-1

Mode : HE80 26T

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5985	7	-11.978	-11.124	-8.520	-11.750	-11.148	-8.428	-11.555	-11.191	-8.359	2.65	2.63	5.65	-2.708	-1
	6145	39	-11.386	-11.041	-8.200	-11.311	-10.778	-8.026	-11.444	-11.055	-8.235	2.65	2.63	5.65	-2.375	-1
	6385	87	-11.396	-11.621	-8.497	-11.510	-11.870	-8.676	-11.633	-12.065	-8.833	2.65	2.63	5.65	-2.846	-1
UNII6	6465	103	-11.091	-11.423	-8.243	-11.001	-11.361	-8.167	-10.848	-11.536	-8.168	2.39	2.37	5.39	-2.776	-1
	6545	119	-10.591	-11.025	-7.792	-10.483	-10.858	-7.656	-10.297	-10.960	-7.605	2.39	2.37	5.39	-2.215	-1
UNII7	6625	135	-11.174	-11.940	-8.530	-11.330	-11.821	-8.558	-11.130	-11.371	-8.238	2.17	3.40	5.82	-2.421	-1
	6705	151	-11.470	-12.051	-8.740	-11.329	-11.982	-8.633	-10.989	-11.452	-8.204	2.17	3.40	5.82	-2.387	-1
	6785	167	-11.189	-11.638	-8.397	-11.100	-11.253	-8.165	-10.836	-10.993	-7.903	2.17	3.40	5.82	-2.086	-1
UNII8	6865	183	-11.386	-11.792	-8.574	-11.367	-11.472	-8.409	-10.989	-11.028	-7.998	0.84	3.40	5.22	-2.774	-1
	6945	199	-10.988	-10.406	-7.677	-10.930	-10.338	-7.613	-10.644	-10.512	-7.567	0.84	3.40	5.22	-2.343	-1
	7025	215	-10.775	-10.508	-7.629	-10.715	-10.906	-7.799	-10.638	-10.830	-7.722	0.84	3.40	5.22	-2.405	-1

Mode : HE80 52T

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5985	7	-13.849	-14.393	-11.103	-13.845	-14.394	-11.101	-13.707	-14.383	-11.022	2.65	2.63	5.65	-5.372	-1
	6145	39	-13.612	-14.446	-10.999	-13.287	-14.312	-10.759	-13.525	-14.177	-10.829	2.65	2.63	5.65	-5.109	-1
	6385	87	-14.098	-14.796	-11.423	-13.937	-15.091	-11.466	-14.217	-15.214	-11.677	2.65	2.63	5.65	-5.773	-1
UNII6	6465	103	-13.708	-14.757	-11.191	-13.656	-14.480	-11.039	-13.807	-14.880	-11.301	2.39	2.37	5.39	-5.648	-1
	6545	119	-13.175	-14.266	-10.676	-13.192	-14.235	-10.672	-12.955	-14.017	-10.444	2.39	2.37	5.39	-5.053	-1
UNII7	6625	135	-13.909	-15.158	-11.479	-13.810	-15.176	-11.430	-13.700	-14.709	-11.165	2.17	3.40	5.82	-5.348	-1
	6705	151	-13.648	-14.938	-11.235	-13.702	-14.959	-11.275	-13.466	-14.781	-11.064	2.17	3.40	5.82	-5.247	-1
	6785	167	-13.744	-14.719	-11.194	-13.907	-14.646	-11.251	-13.823	-14.305	-11.047	2.17	3.40	5.82	-5.230	-1
UNII8	6865	183	-14.148	-14.540	-11.330	-14.059	-14.410	-11.221	-14.035	-14.242	-11.127	0.84	3.40	5.22	-5.903	-1
	6945	199	-13.346	-14.067	-10.682	-13.613	-14.220	-10.896	-13.360	-14.041	-10.677	0.84	3.40	5.22	-5.453	-1
	7025	215	-13.283	-14.252	-10.731	-13.652	-14.475	-11.034	-13.412	-14.429	-10.881	0.84	3.40	5.22	-5.506	-1

Mode : HE80 106T

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5985	7	-16.825	-17.349	-14.068	-16.874	-17.118	-13.984	-16.605	-17.158	-13.862	2.65	2.63	5.65	-8.212	-1
	6145	39	-16.430	-17.295	-13.830	-16.400	-17.275	-13.805	-16.432	-17.218	-13.797	2.65	2.63	5.65	-8.146	-1
	6385	87	-16.868	-17.863	-14.326	-17.026	-18.007	-14.478	-17.253	-18.381	-14.770	2.65	2.63	5.65	-8.676	-1
UNII6	6465	103	-16.711	-17.592	-14.119	-16.691	-17.703	-14.157	-16.628	-17.618	-14.084	2.39	2.37	5.39	-8.694	-1
	6545	119	-16.158	-17.507	-13.770	-16.148	-17.546	-13.780	-16.010	-17.225	-13.564	2.39	2.37	5.39	-8.174	-1
UNII7	6625	135	-16.889	-17.969	-14.385	-16.741	-18.214	-14.405	-16.741	-17.806	-14.230	2.17	3.40	5.82	-8.413	-1
	6705	151	-16.829	-17.994	-14.362	-16.747	-17.918	-14.282	-16.614	-17.467	-14.009	2.17	3.40	5.82	-8.192	-1
	6785	167	-16.838	-17.928	-14.338	-16.794	-17.437	-14.093	-16.690	-17.365	-14.004	2.17	3.40	5.82	-8.187	-1
UNII8	6865	183	-17.175	-17.650	-14.395	-17.045	-17.593	-14.300	-17.109	-17.324	-14.204	0.84	3.40	5.22	-8.980	-1
	6945	199	-16.346	-17.070	-13.682	-16.388	-16.929	-13.639	-16.315	-17.039	-13.651	0.84	3.40	5.22	-8.415	-1
	7025	215	-16.536	-17.234	-13.860	-16.706	-17.587	-14.114	-16.501	-17.532	-13.975	0.84	3.40	5.22	-8.636	-1

Mode : HE80 242T

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5985	7	-20.355	-20.646	-17.488	-20.357	-20.922	-17.620	-20.019	-20.800	-17.382	2.65	2.63	5.65	-11.732	-1
	6145	39	-20.052	-20.713	-17.360	-20.074	-20.533	-17.288	-19.938	-20.533	-17.215	2.65	2.63	5.65	-11.565	-1
	6385	87	-20.514	-21.342	-17.898	-20.512	-21.367	-17.909	-20.533	-21.658	-18.049	2.65	2.63	5.65	-12.248	-1
UNII6	6465	103	-19.590	-20.714	-17.106	-19.592	-20.534	-17.028	-19.455	-20.640	-16.997	2.39	2.37	5.39	-11.607	-1
	6545	119	-19.009	-20.359	-16.622	-19.159	-20.709	-16.855	-18.898	-20.154	-16.471	2.39	2.37	5.39	-11.081	-1
UNII7	6625	135	-19.713	-20.948	-17.277	-19.758	-21.234	-17.424	-19.504	-20.933	-17.150	2.17	3.40	5.82	-11.333	-1
	6705	151	-19.519	-20.904	-17.147	-19.752	-21.072	-17.352	-19.670	-20.611	-17.105	2.17	3.40	5.82	-11.288	-1
	6785	167	-19.944	-20.952	-17.409	-19.810	-20.878	-17.301	-19.700	-20.508	-17.075	2.17	3.40	5.82	-11.258	-1
UNII8	6865	183	-20.125	-20.831	-17.454	-20.120	-20.813	-17.443	-19.866	-20.444	-17.136	0.84	3.40	5.22	-11.911	-1
	6945	199	-19.347	-19.966	-16.636	-19.357	-19.922	-16.620	-19.347	-20.152	-16.721	0.84	3.40	5.22	-11.396	-1
	7025	215	-19.388	-20.218	-16.773	-19.667	-20.281	-16.953	-19.536	-20.461	-16.964	0.84	3.40	5.22	-11.549	-1

Mode : HE80 484T

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5985	7	-22.632	-23.147	-19.872	-	-	-	-22.492	-23.121	-19.785	2.65	2.63	5.65	-14.135	-1
	6145	39	-22.307	-23.031	-19.644	-	-	-	-22.178	-23.011	-19.564	2.65	2.63	5.65	-13.914	-1
	6385	87	-22.821	-23.916	-20.324	-	-	-	-22.919	-24.182	-20.495	2.65	2.63	5.65	-14.674	-1
UNII6	6465	103	-22.990	-24.128	-20.512	-	-	-	-22.939	-23.970	-20.414	2.39	2.37	5.39	-15.023	-1
	6545	119	-22.566	-23.815	-20.136	-	-	-	-22.369	-23.580	-19.922	2.39	2.37	5.39	-14.532	-1
UNII7	6625	135	-23.202	-24.369	-20.736	-	-	-	-22.998	-24.282	-20.583	2.17	3.40	5.82	-14.765	-1
	6705	151	-23.060	-24.432	-20.682	-	-	-	-22.895	-24.028	-20.414	2.17	3.40	5.82	-14.597	-1
	6785	167	-23.107	-24.190	-20.605	-	-	-	-22.899	-23.712	-20.276	2.17	3.40	5.82	-14.459	-1
UNII8	6865	183	-23.354	-24.146	-20.722	-	-	-	-23.134	-23.793	-20.441	0.84	3.40	5.22	-15.217	-1
	6945	199	-22.610	-23.263	-19.914	-	-	-	-22.650	-23.339	-19.971	0.84	3.40	5.22	-14.690	-1
	7025	215	-22.752	-23.625	-20.156	-	-	-	-23.018	-23.895	-20.424	0.84	3.40	5.22	-14.932	-1

Mode : HE80 996T

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5985	7	-	-	-	-11.516	-10.118	-7.750	-	-	-	2.65	2.63	5.65	-2.100	-1
	6145	39	-	-	-	-11.190	-10.414	-7.774	-	-	-	2.65	2.63	5.65	-2.124	-1
	6385	87	-	-	-	-11.429	-11.295	-8.351	-	-	-	2.65	2.63	5.65	-2.700	-1
UNII6	6465	103	-	-	-	-11.010	-11.294	-8.139	-	-	-	2.39	2.37	5.39	-2.749	-1
	6545	119	-	-	-	-10.853	-10.835	-7.833	-	-	-	2.39	2.37	5.39	-2.443	-1
UNII7	6625	135	-	-	-	-11.393	-11.498	-8.434	-	-	-	2.17	3.40	5.82	-2.617	-1
	6705	151	-	-	-	-11.697	-11.635	-8.655	-	-	-	2.17	3.40	5.82	-2.838	-1
	6785	167	-	-	-	-12.017	-11.398	-8.686	-	-	-	2.17	3.40	5.82	-2.869	-1
UNII8	6865	183	-	-	-	-11.069	-10.844	-7.944	-	-	-	0.84	3.40	5.22	-2.720	-1
	6945	199	-	-	-	-10.580	-10.648	-7.603	-	-	-	0.84	3.40	5.22	-2.379	-1
	7025	215	-	-	-	-10.478	-10.230	-7.342	-	-	-	0.84	3.40	5.22	-2.117	-1

Mode : HE80 SU

Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5985	7	-	-	-	-11.808	-10.191	-7.915	-	-	-	2.65	2.63	5.65	-2.264	-1
	6145	39	-	-	-	-11.105	-10.782	-7.930	-	-	-	2.65	2.63	5.65	-2.280	-1
	6385	87	-	-	-	-11.645	-10.941	-8.269	-	-	-	2.65	2.63	5.65	-2.618	-1
UNII6	6465	103	-	-	-	-11.084	-11.032	-8.048	-	-	-	2.39	2.37	5.39	-2.657	-1
	6545	119	-	-	-	-10.988	-10.738	-7.851	-	-	-	2.39	2.37	5.39	-2.461	-1
UNII7	6625	135	-	-	-	-11.898	-12.198	-9.035	-	-	-	2.17	3.40	5.82	-3.218	-1
	6705	151	-	-	-	-11.635	-11.604	-8.609	-	-	-	2.17	3.40	5.82	-2.792	-1
	6785	167	-	-	-	-12.235	-11.342	-8.755	-	-	-	2.17	3.40	5.82	-2.938	-1
UNII8	6865	183	-	-	-	-11.317	-11.271	-8.284	-	-	-	0.84	3.40	5.22	-3.060	-1
	6945	199	-	-	-	-10.815	-10.472	-7.630	-	-	-	0.84	3.40	5.22	-2.406	-1
	7025	215	-	-	-	-10.514	-10.157	-7.322	-	-	-	0.84	3.40	5.22	-2.097	-1

Mode : 802.11a

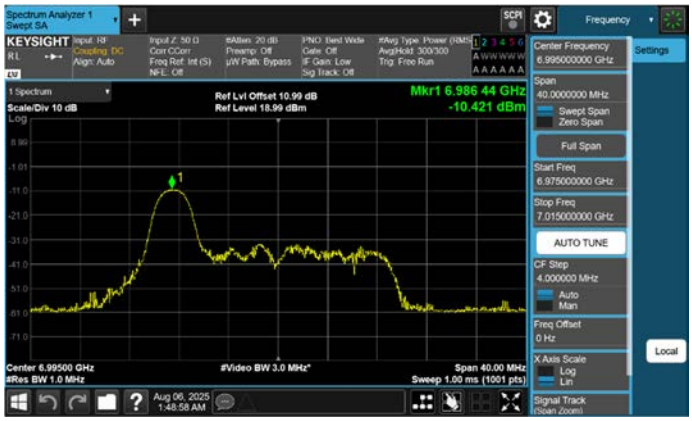
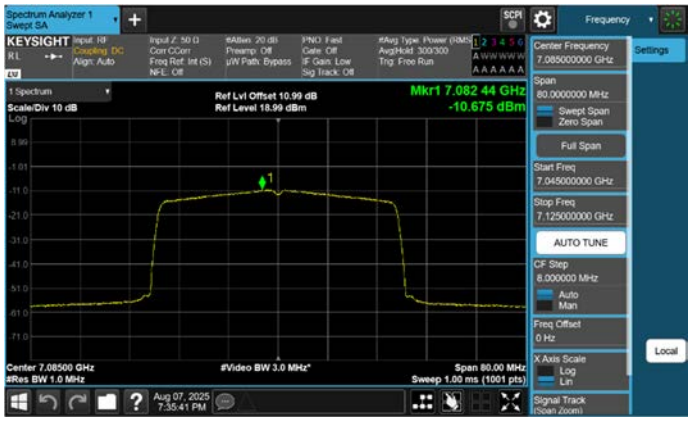
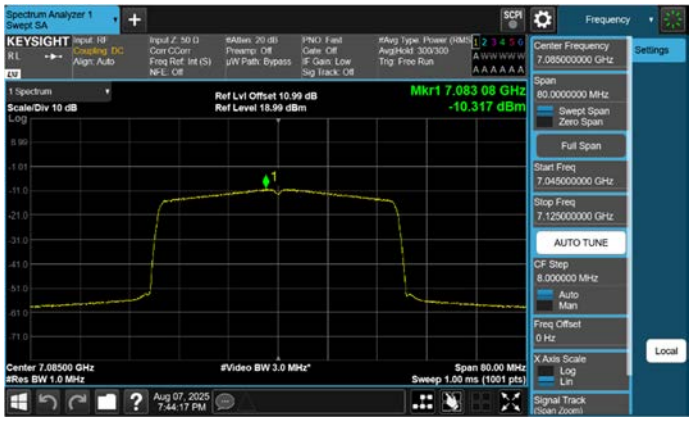
Band	Freq. [MHz]	CH.	Total Average PSD[dBm/MHz]									ANT1 gain	ANT2 gain	Directional gain	Maximum e.i.r.p	Limit
			RU Index : Low			RU Index : Mid			RU Index : High							
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]	[dBm/MHz]
UNII5	5955	1	-	-	-	-11.579	-11.165	-8.357	-	-	-	2.65	2.63	5.65	-2.707	-1
	6175	45	-	-	-	-11.156	-10.546	-7.830	-	-	-	2.65	2.63	5.65	-2.180	-1
	6415	93	-	-	-	-11.951	-11.648	-8.787	-	-	-	2.65	2.63	5.65	-3.137	-1
UNII6	6435	97	-	-	-	-10.637	-11.149	-7.876	-	-	-	2.39	2.37	5.39	-2.485	-1
	6475	105	-	-	-	-10.596	-11.128	-7.844	-	-	-	2.39	2.37	5.39	-2.454	-1
	6515	113	-	-	-	-10.974	-11.134	-8.043	-	-	-	2.39	2.37	5.39	-2.653	-1
UNII7	6535	117	-	-	-	-12.245	-12.357	-9.291	-	-	-	2.17	3.40	5.82	-3.474	-1
	6695	149	-	-	-	-12.348	-12.597	-9.461	-	-	-	2.17	3.40	5.82	-3.644	-1
	6855	181	-	-	-	-11.097	-10.950	-8.013	-	-	-	2.17	3.40	5.82	-2.196	-1
UNII8	6875	185	-	-	-	-11.158	-10.788	-7.959	-	-	-	0.84	3.40	5.22	-2.735	-1
	6995	209	-	-	-	-10.471	-10.514	-7.483	-	-	-	0.84	3.40	5.22	-2.258	-1
	7115	233	-	-	-	-10.934	-11.458	-8.178	-	-	-	0.84	3.40	5.22	-2.954	-1

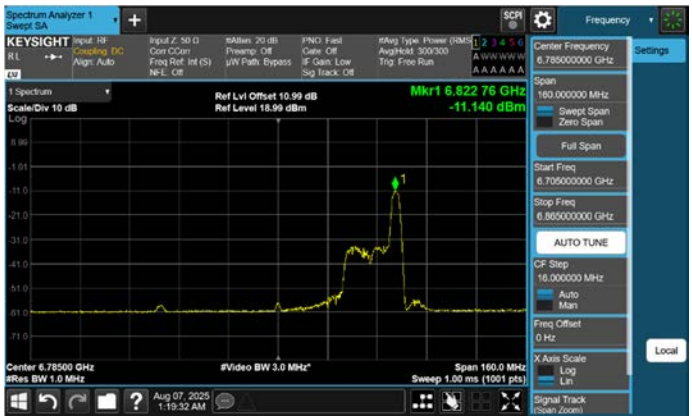
▣ Test Plots(Power Spectral Density)

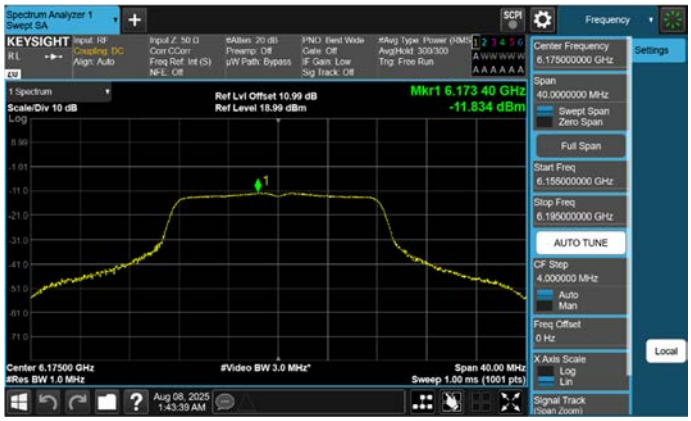
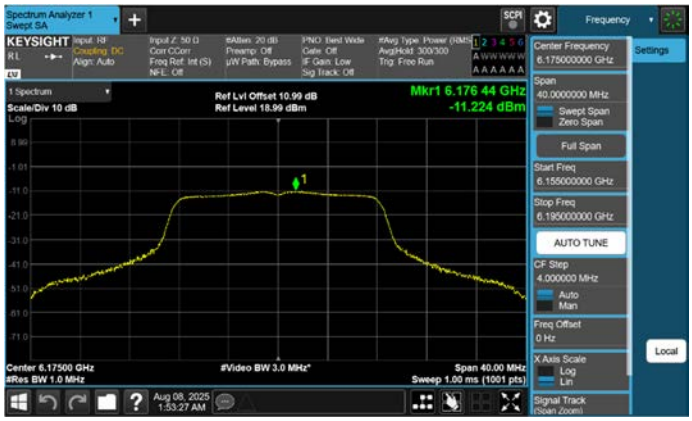
[MIMO_CDD(Ant1+Ant2)]

[Indoor Client]

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

Ant.1	Ant.2
802.11ax HE20 Ch.209(6995 MHz) 26 Tones RU 0	
	
802.11ax HE40 Ch.227(7085 MHz) 484 Tones RU 65	
	

Ant.1	Ant.2
802.11ax HE80 Ch.167(6785 MHz) 26 Tones RU 36	
	

Ant.1	Ant.2
802.11a Ch.45(6175 MHz)	
	

10.5 In-Band Emission

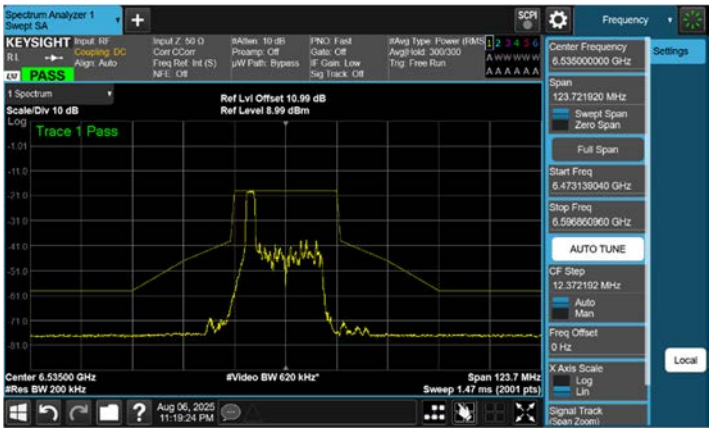
Note: In order to simplify the report, attached plots were only the widest channel.

▣ Test Plots(In-Band Emission (Emission Mask))

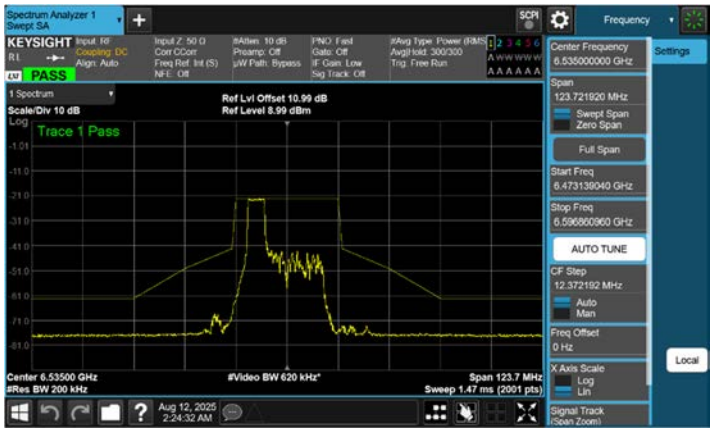
[Indoor Client]

[Ant.1]

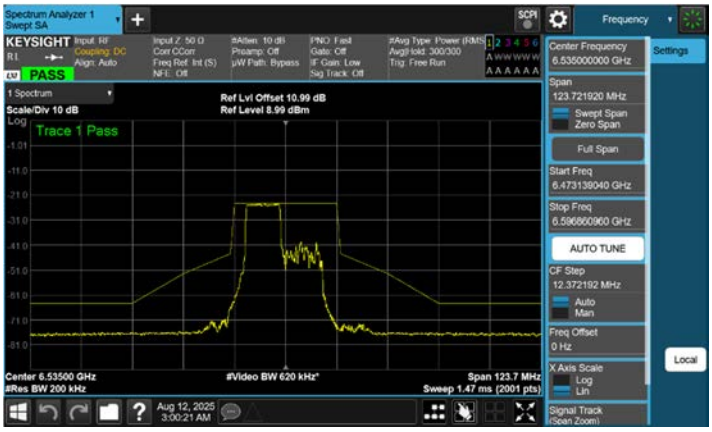
802.11ax HE20M Ch.117(6535 MHz) 26 Tones 0 RU



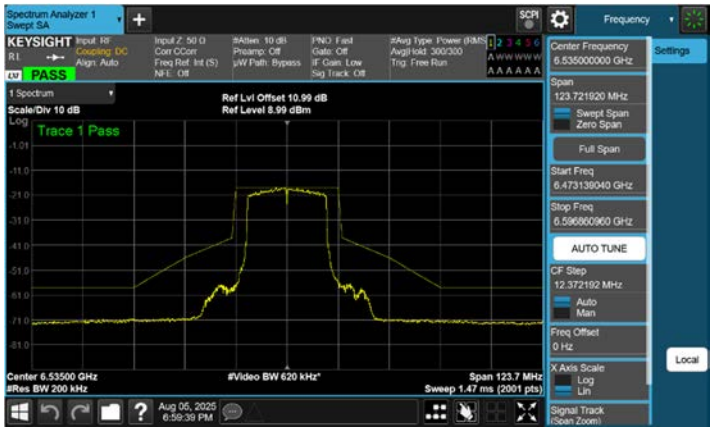
802.11ax HE20M Ch.117(6535 MHz) 52 Tones 37 RU



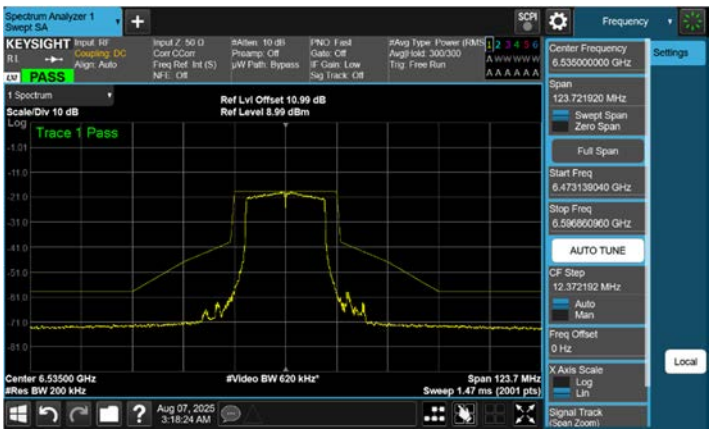
802.11ax HE20M Ch.117(6535 MHz) 106 Tones 53 RU

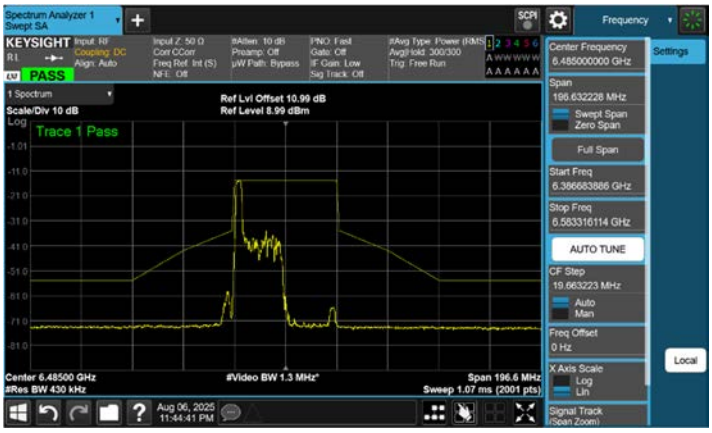
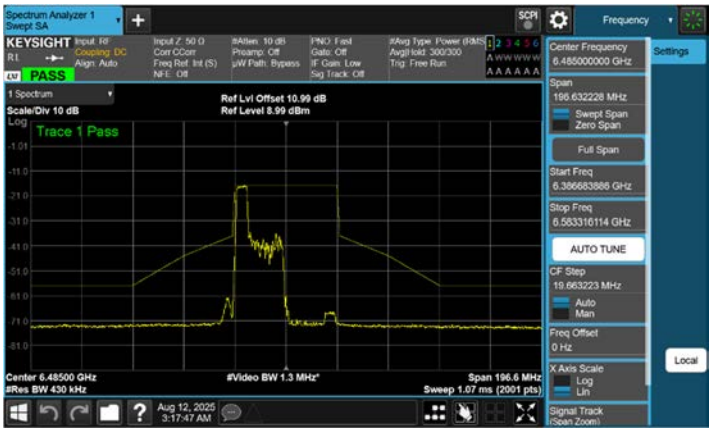
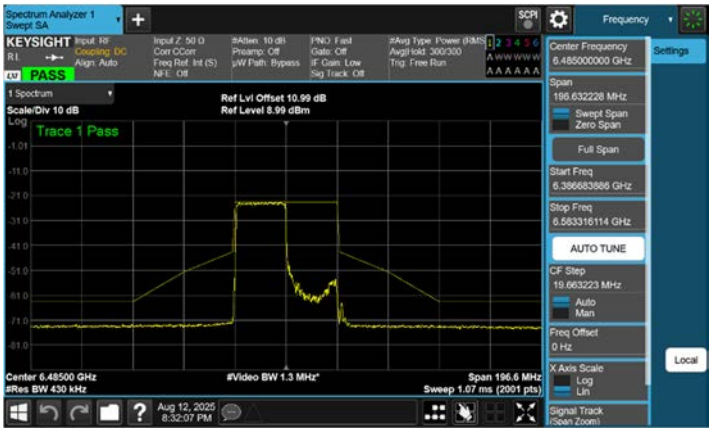
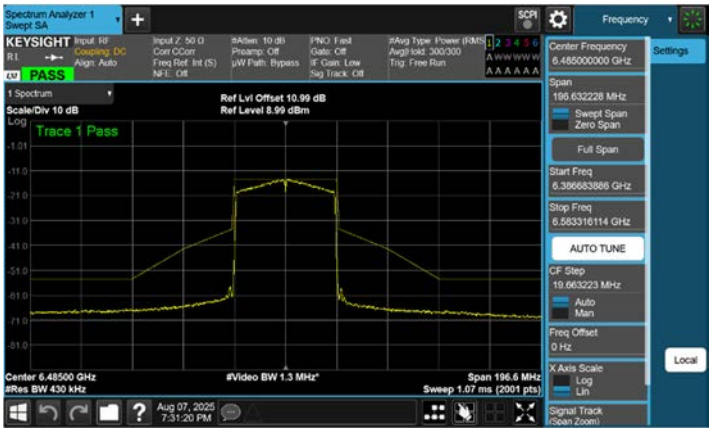
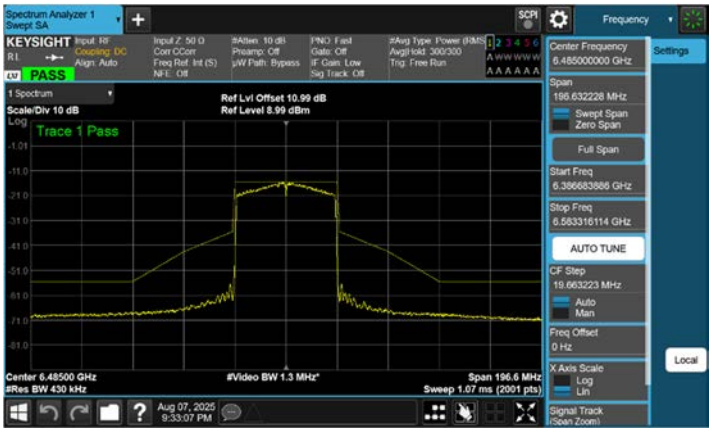


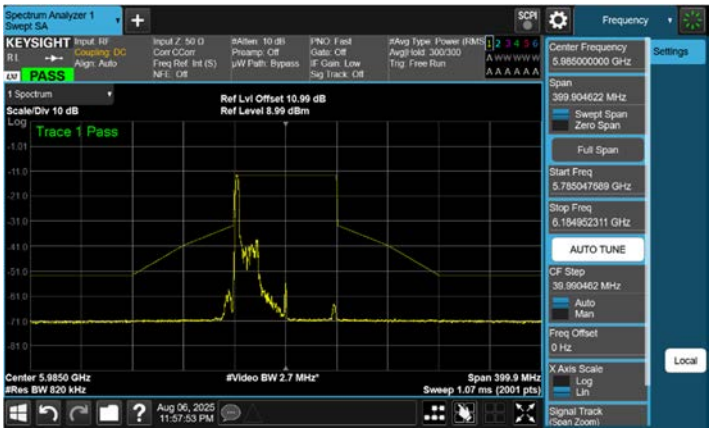
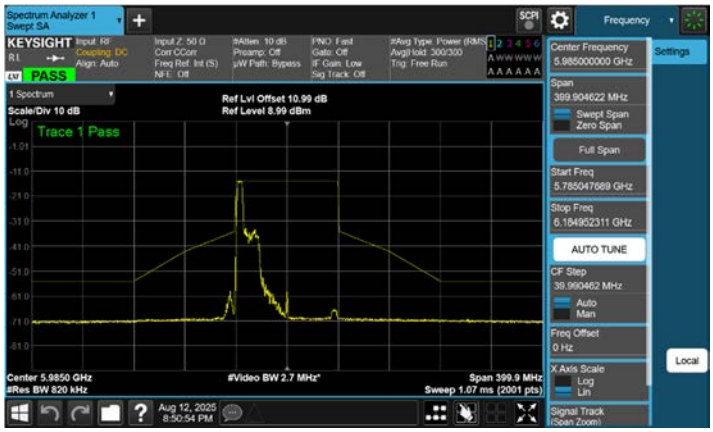
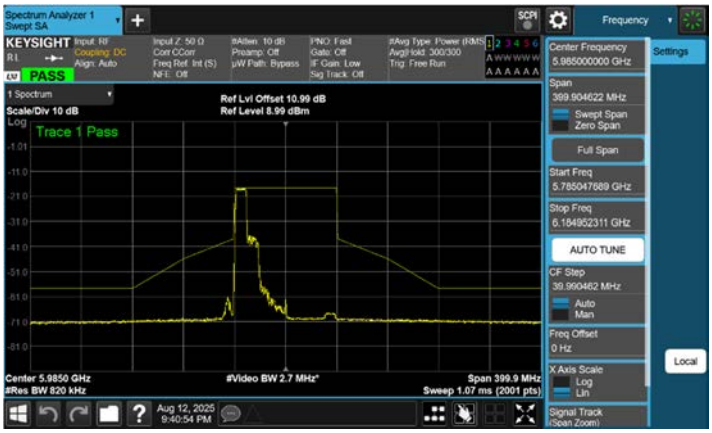
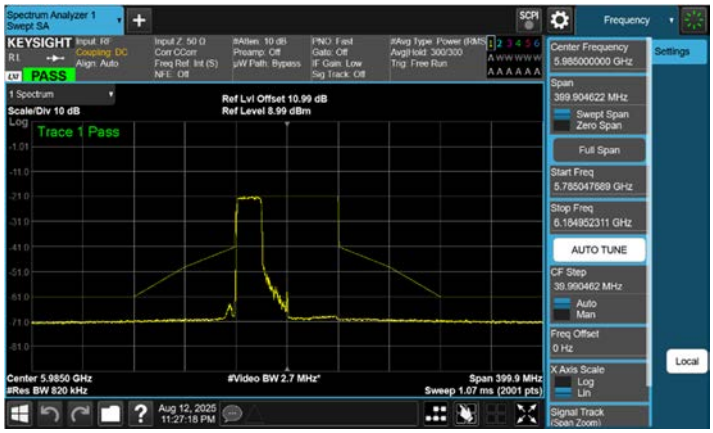
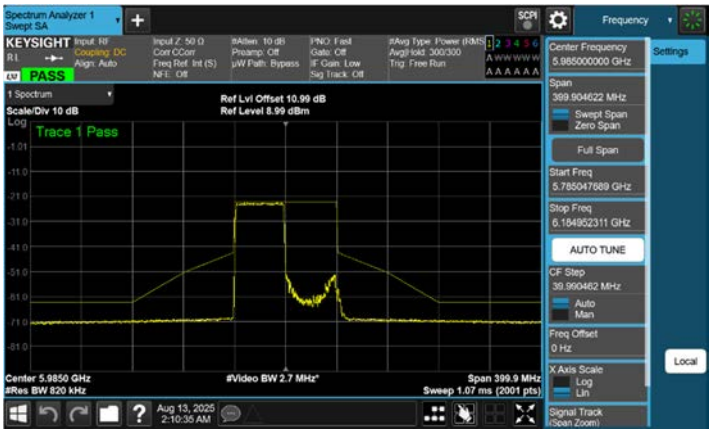
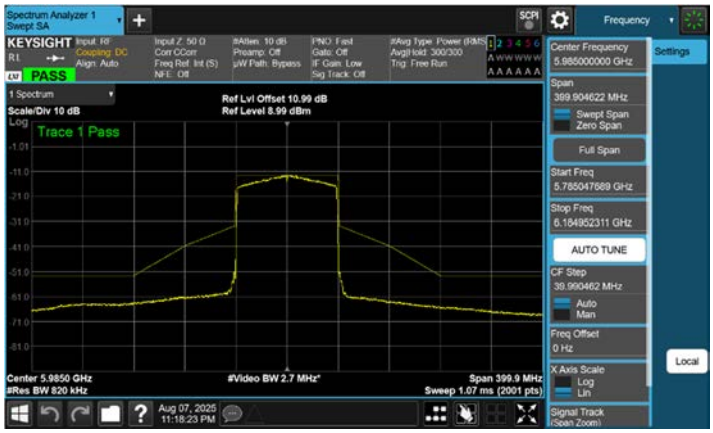
802.11ax HE20M Ch.117(6535 MHz) 242 Tones 61 RU



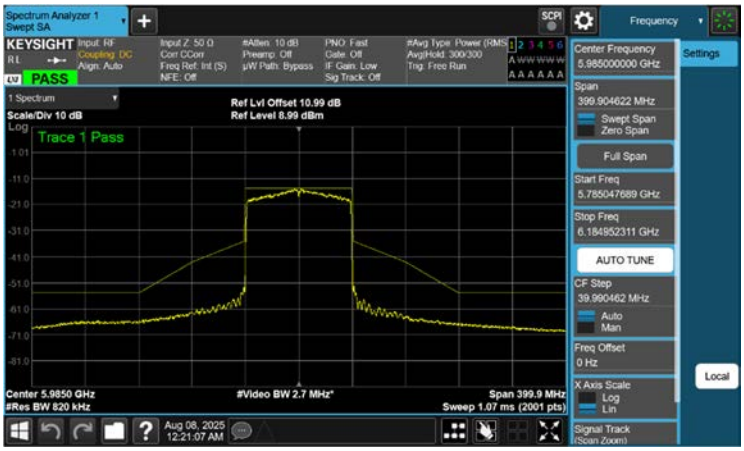
802.11ax HE20M Ch.117(6535 MHz) SU



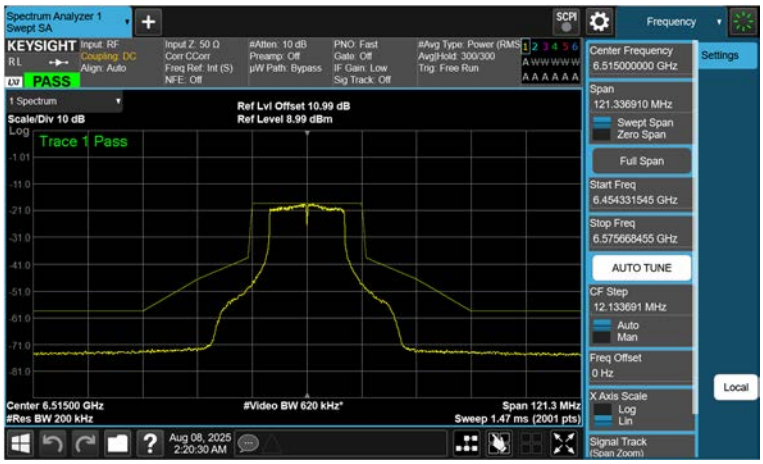
802.11ax HE40M Ch.107(6485 MHz) 26 Tones 0 RU	802.11ax HE40M Ch.107(6485 MHz) 52 Tones 37 RU
	
802.11ax HE40M Ch.107(6485 MHz) 106 Tones 53 RU	802.11ax HE40M Ch.107(6485 MHz) 242 Tones 61 RU
	
802.11ax HE40M Ch.107(6485 MHz) 484 Tones 65 RU	802.11ax HE40M Ch.107(6485 MHz) SU
	

802.11ax HE80M Ch.7(5985 MHz) 26 Tones 0 RU	802.11ax HE80M Ch.7(5985 MHz) 52 Tones 37 RU
	
802.11ax HE80M Ch.7(5985 MHz) 106 Tones 53 RU	802.11ax HE80M Ch.7(5985 MHz) 242 Tones 61 RU
	
802.11ax HE80M Ch.7(5985 MHz) 484 Tones 65 RU	802.11ax HE80M Ch.7(5985 MHz) 996 Tones 67 RU
	

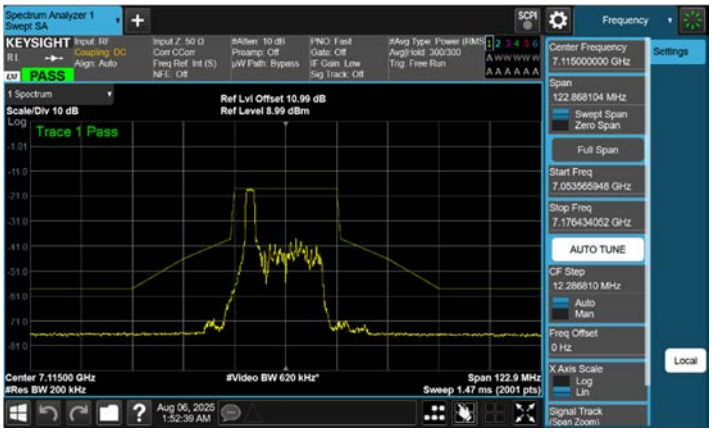
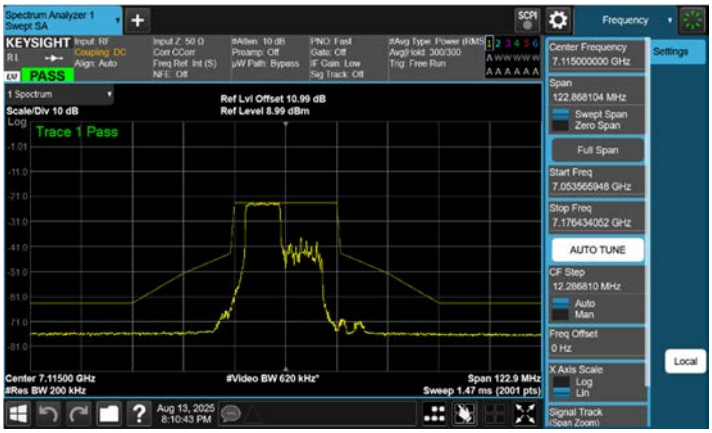
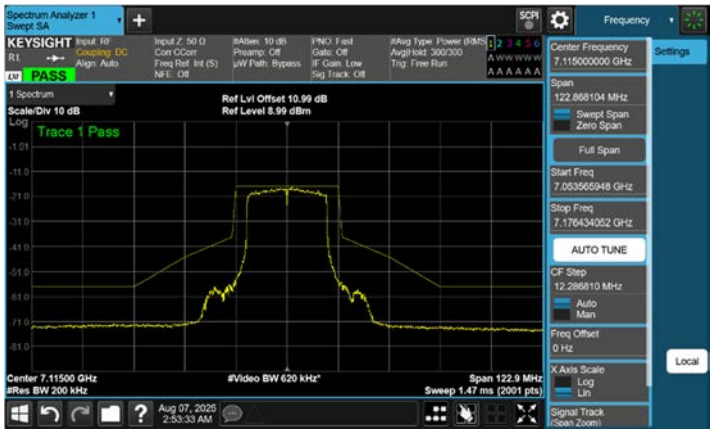
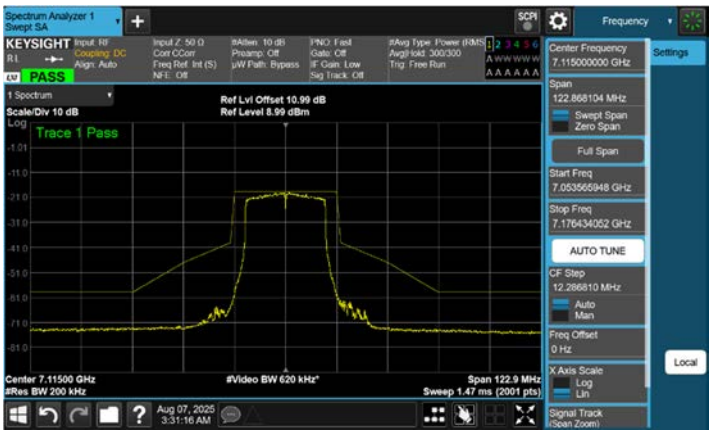
802.11ax HE80M Ch.7(5985 MHz) SU

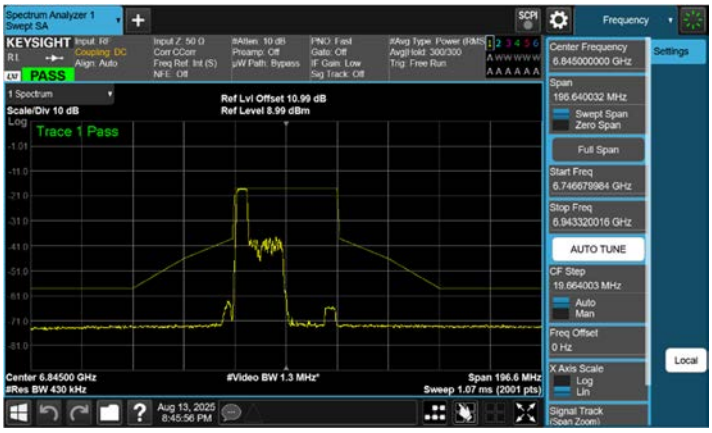
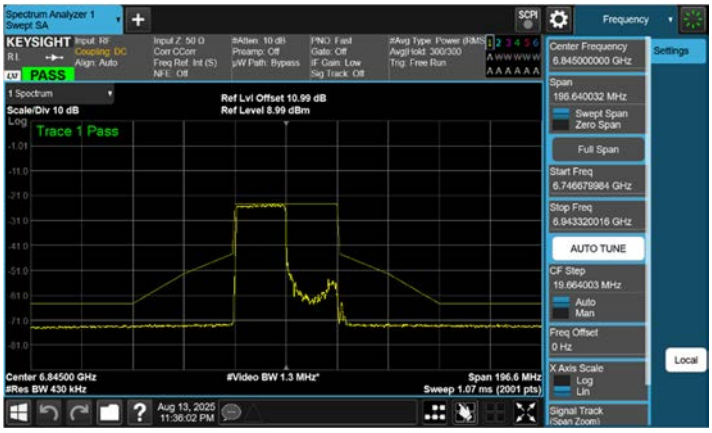
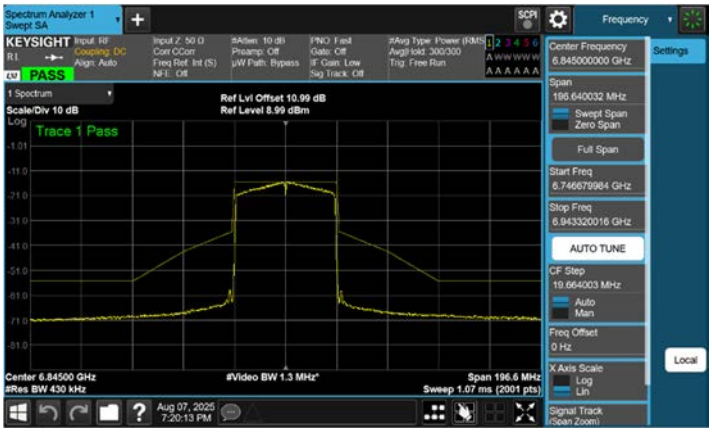
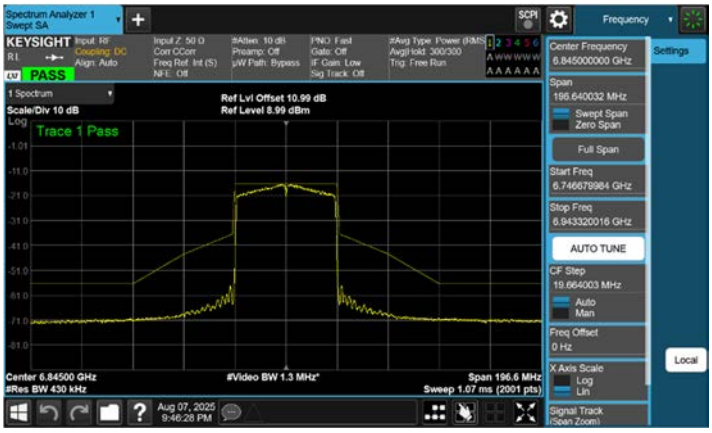


802.11a Ch.113(6515 MHz)

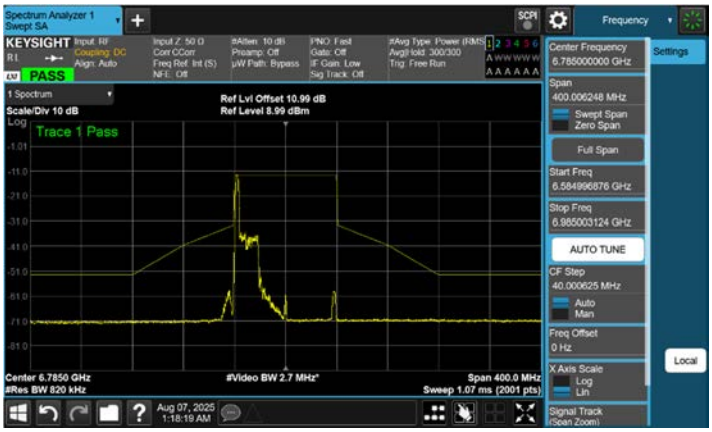


[Ant.2]

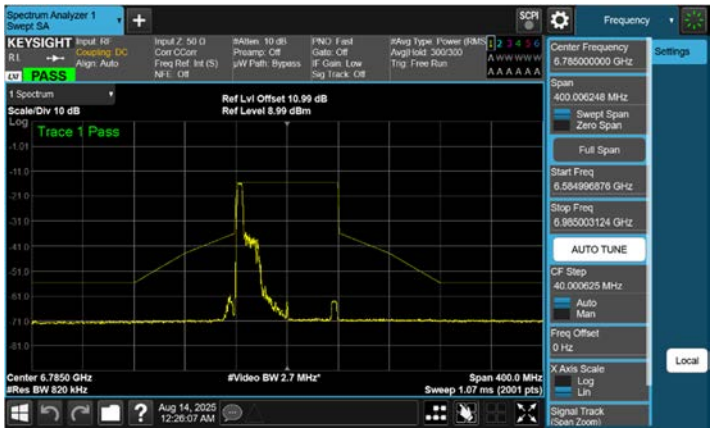
802.11ax HE20M Ch.233(7115 MHz) 26 Tones 0 RU	802.11ax HE20M Ch.233(7115 MHz) 52 Tones 37 RU
	
802.11ax HE20M Ch 233(7115 MHz) 106 Tones 53 RU	802.11ax HE20M Ch.233(7115 MHz) 242 Tones 61 RU
	
802.11ax HE20M Ch.233(7115 MHz) SU	
	

802.11ax HE40M Ch.179(6845 MHz) 26 Tones 0 RU	802.11ax HE40M Ch.179(6845 MHz) 52 Tones 37 RU
	
802.11ax HE40M Ch.179(6845 MHz) 106 Tones 53 RU	802.11ax HE40M Ch.179(6845 MHz) 242 Tones 61 RU
	
802.11ax HE40M Ch.179(6845 MHz) 484 Tones 65 RU	802.11ax HE40M Ch.179(6845 MHz) SU
	

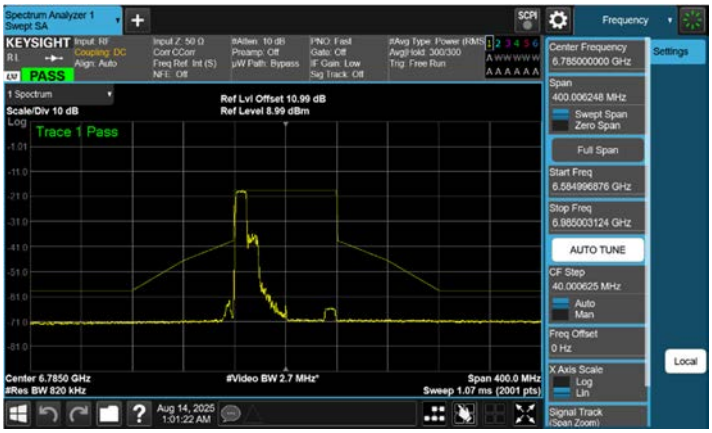
802.11ax HE80M Ch.167(6785 MHz) 26 Tones 0 RU



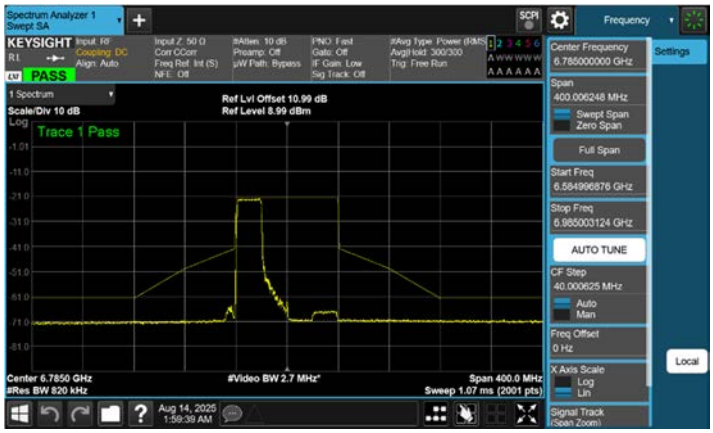
802.11ax HE80M Ch.167(6785 MHz) 52 Tones 37 RU



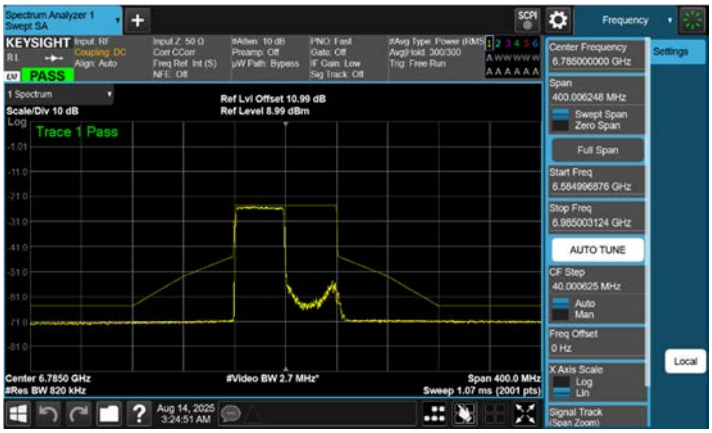
802.11ax HE80M Ch.167(6785 MHz) 106 Tones 53 RU



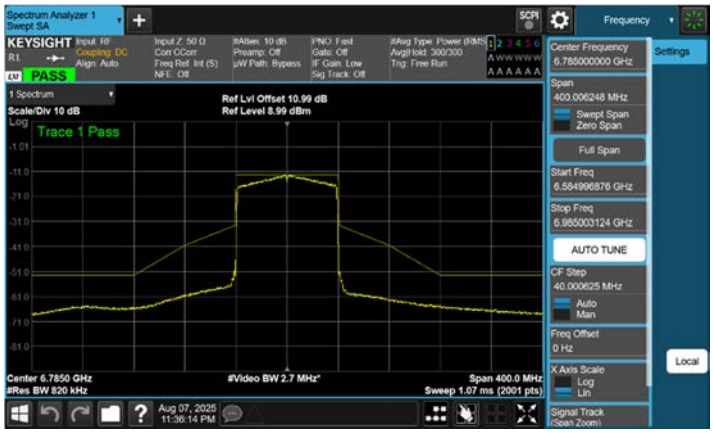
802.11ax HE80M Ch.167(6785 MHz) 242 Tones 61 RU



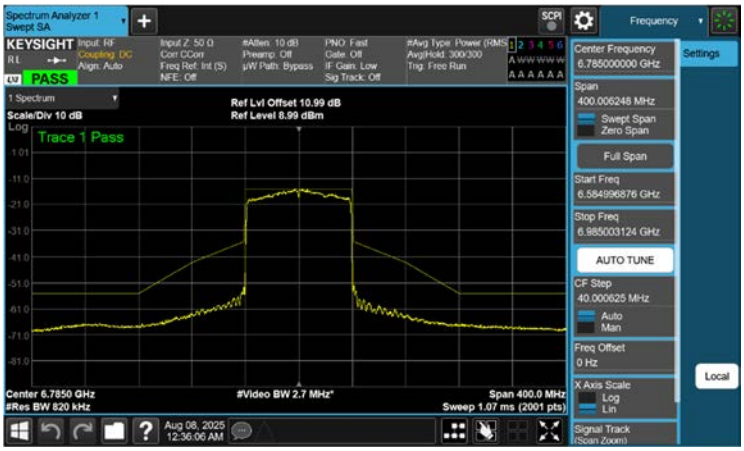
802.11ax HE80M Ch.167(6785 MHz) 484 Tones 65 RU



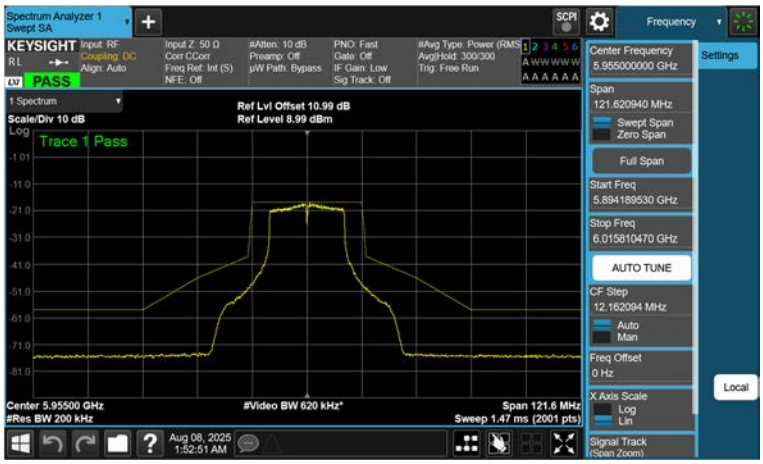
802.11ax HE80M Ch.167(6785 MHz) 996 Tones 67 RU



802.11ax HE80M Ch.167(6785 MHz) SU



802.11a Ch.1(5955 MHz)



10.6 Contention Based Protocol

Note:

1. In order to simplify the report, Only worst case for each band have been inserted.
2. The worst case antenna gain(Minimum Gain) is selected from the table.
3. The lowest gain according to the incumbent frequency is applied.
4. Bandwidth Reduction was used for incumbent avoidance.
5. This device doesn't support Channel Puncturing in the 6 GHz Wi-Fi bands.

Band	Ant Minimum Gain (dBi)
UNII-5	5 975 MHz: 2.33 5 950 MHz: 2.33 5 985 MHz: 2.33 6 020 MHz: 2.33
UNII-6	6 455 MHz: 2.17 6 430 MHz: 2.17 6 465 MHz: 2.17 6 500 MHz: 2.17
UNII-7	6 615 MHz: 0.84 6 590 MHz: 0.84 6 625 MHz: 0.84 6 660 MHz: 0.84
UNII-8	6 935 MHz: 0.52 6 910 MHz: 0.52 6 945 MHz: 0.52 6 980 MHz: 0.52

- Contention-based Protocol Detection Value

Band	BW	Channel No.	Incumbent Freq (MHz)	injected Power [dBm]	Antenna Gain [dBi]	Adjusted Power [dBm]	Detection Limit [dBm]	Margin [dB]	EUT TX Status
UNII 5	HE20	5	5975	-72.24	2.33	-74.57	-62.00	12.57	Ceased
				-73.37	2.33	-75.70	-62.00	13.70	Minimal
				-74.54	2.33	-76.87	-62.00	14.87	Normal
	HE80	7	5950	-72.66	2.33	-74.99	-62.00	12.99	Ceased
				-73.22	2.33	-75.55	-62.00	13.55	Minimal
				-74.84	2.33	-77.17	-62.00	15.17	Normal
			5985	-70.81	2.33	-73.14	-62.00	11.14	Ceased
				-71.57	2.33	-73.90	-62.00	11.90	Minimal
				-72.94	2.33	-75.27	-62.00	13.27	Normal
			6020	-75.20	2.33	-77.53	-62.00	15.53	Ceased
				-76.29	2.33	-78.62	-62.00	16.62	Minimal
				-77.15	2.33	-79.48	-62.00	17.48	Normal
UNII 6	HE20	101	6455	-71.36	2.17	-73.53	-62.00	11.53	Ceased
				-72.88	2.17	-75.05	-62.00	13.05	Minimal
				-73.76	2.17	-75.93	-62.00	13.93	Normal
	HE80	103	6430	-71.35	2.17	-73.52	-62.00	11.52	Ceased
				-72.49	2.17	-74.66	-62.00	12.66	Minimal
				-73.59	2.17	-75.76	-62.00	13.76	Normal
			6465	-69.59	2.17	-71.76	-62.00	9.76	Ceased
				-70.49	2.17	-72.66	-62.00	10.66	Minimal
				-71.58	2.17	-73.75	-62.00	11.75	Normal
			6500	-74.51	2.17	-76.68	-62.00	14.68	Ceased
				-75.79	2.17	-77.96	-62.00	15.96	Minimal
				-76.86	2.17	-79.03	-62.00	17.03	Normal
UNII 7	HE20	133	6615	-71.69	0.84	-72.53	-62.00	10.53	Ceased
				-72.77	0.84	-73.61	-62.00	11.61	Minimal
				-73.89	0.84	-74.73	-62.00	12.73	Normal
	HE80	135	6590	-71.98	0.84	-72.82	-62.00	10.82	Ceased
				-73.18	0.84	-74.02	-62.00	12.02	Minimal
				-74.57	0.84	-75.41	-62.00	13.41	Normal
			6625	-70.02	0.84	-70.86	-62.00	8.86	Ceased
				-71.91	0.84	-72.75	-62.00	10.75	Minimal
				-73.11	0.84	-73.95	-62.00	11.95	Normal
			6660	-75.02	0.84	-75.86	-62.00	13.86	Ceased
				-76.28	0.84	-77.12	-62.00	15.12	Minimal
				-77.36	0.84	-78.20	-62.00	16.20	Normal
UNII 8	HE20	197	6935	-71.00	0.52	-71.52	-62.00	9.52	Ceased
				-72.14	0.52	-72.66	-62.00	10.66	Minimal
				-73.22	0.52	-73.74	-62.00	11.74	Normal
	HE80	199	6910	-71.77	0.52	-72.29	-62.00	10.29	Ceased
				-72.61	0.52	-73.13	-62.00	11.13	Minimal
				-73.89	0.52	-74.41	-62.00	12.41	Normal
			6945	-70.27	0.52	-70.79	-62.00	8.79	Ceased
				-71.56	0.52	-72.08	-62.00	10.08	Minimal
				-73.02	0.52	-73.54	-62.00	11.54	Normal
			6980	-74.85	0.52	-75.37	-62.00	13.37	Ceased
				-75.39	0.52	-75.91	-62.00	13.91	Minimal
				-76.16	0.52	-76.68	-62.00	14.68	Normal

Note:

1. KDB 987594 D02, contention based protocol was tested using an AWGN signal with a bandwidth of 10MHz.
   The amplitude of the signal was increased until detected by the EUT, signaled by the ceasing of transmission, marker indicates the point at which the AWGN signal is introduced.
2. Injected Power(dBm) = Actual power of AWGN injected into the antenna port(dBm) + Path Loss(dB)
3. Adjusted Power(dBm) = Injected Power(dBm) – Antenna Gain(dBi)
4. In order to simplify the report, attached were only the worst-case plots.

- Detection probability evaluation table Result

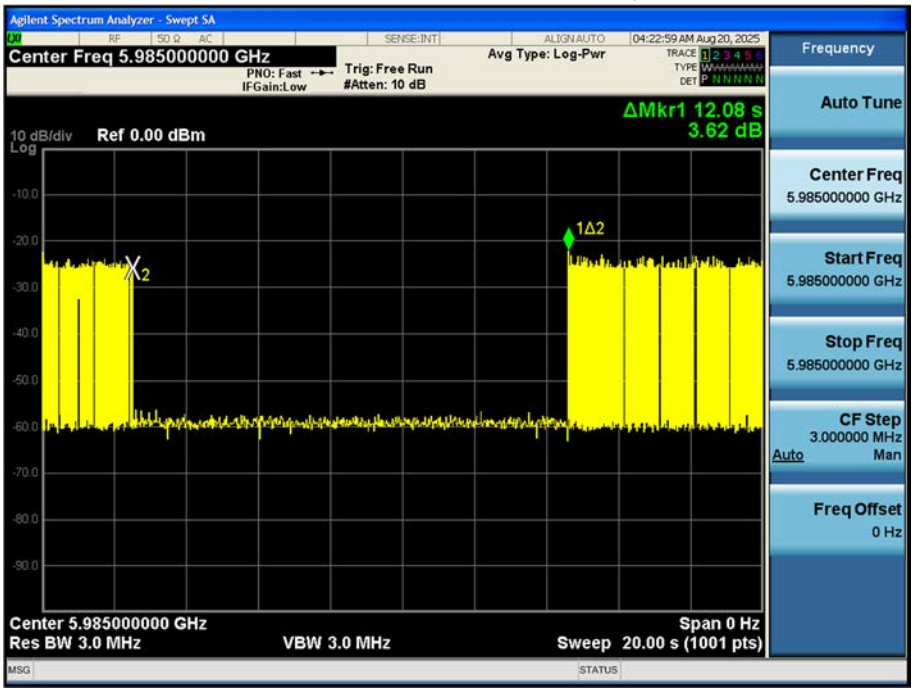
Band	BW	Channel No.	Center Frequency (MHz)	Incumbent Frequency (MHz)	Adjusted Power [dBm]	1	2	3	4	5	6	7	8	9	10	AWGN Detection Probability (%)	Limit Probability (%)
UNII 5	HE20	5	6135	5975	-74.57	o	o	o	o	o	o	o	o	o	o	100	90
	HE80	7	5985	5950	-74.99	o	o	o	o	o	o	o	o	o	o	100	90
				5985	-73.14	o	o	o	o	o	o	o	o	o	o	100	90
				6020	-77.53	o	o	o	o	o	o	o	o	o	o	100	90
UNII 6	HE20	101	6455	6455	-73.53	o	o	o	o	o	o	o	o	o	o	100	90
	HE80	103	6465	6430	-73.52	o	o	o	o	o	o	o	o	o	o	100	90
				6465	-71.76	o	o	o	o	o	o	o	o	o	o	100	90
				6500	-76.68	o	o	o	o	o	o	o	o	o	o	100	90
UNII 7	HE20	133	6615	6615	-72.53	o	o	o	o	o	o	o	o	o	o	100	90
	HE80	135	6625	6590	-72.82	o	o	o	o	o	o	o	o	o	o	100	90
				6625	-70.86	o	o	o	o	o	o	o	o	o	o	100	90
				6660	-75.86	o	o	o	o	o	o	o	o	o	o	100	90
UNII 8	HE20	197	6935	6935	-71.52	o	o	o	o	o	o	o	o	o	o	100	90
	HE80	199	6945	6910	-72.29	o	o	o	o	o	o	o	o	o	o	100	90
				6945	-70.79	o	o	o	o	o	o	o	o	o	o	100	90
				6980	-75.37	o	o	o	o	o	o	o	o	o	o	100	90

▣ Test Plots(Contention Based Protocol)

Incumbent Detection Result

UNII 5

802.11ax HE80 Ch.7(5985 MHz) Incumbent signal (Ceased)

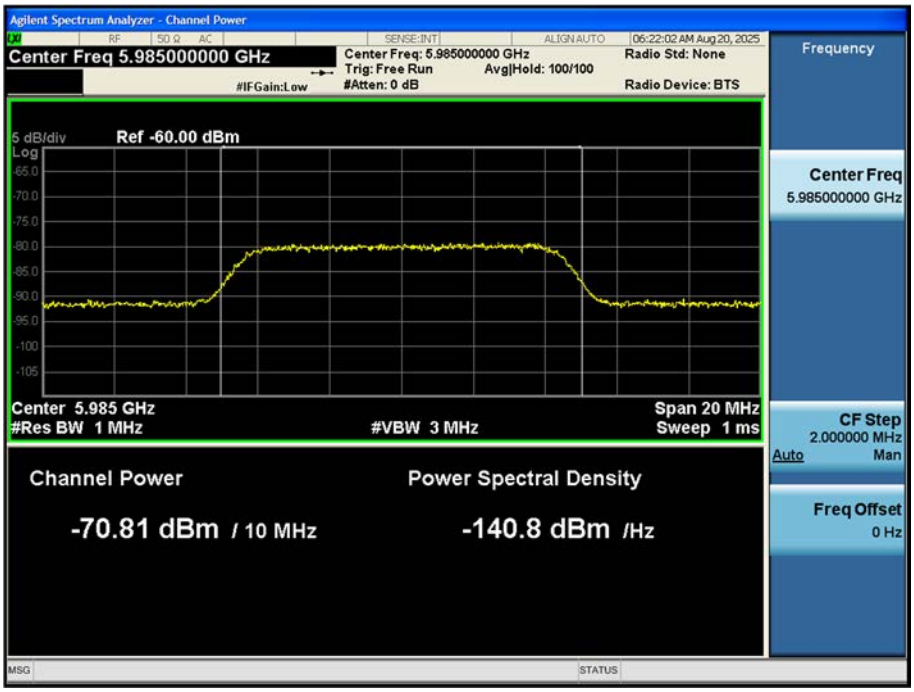


Note :

Marker 2 : AWGN Signal On

Marker 1△2 : AWGN signal Off (limit > 10s)

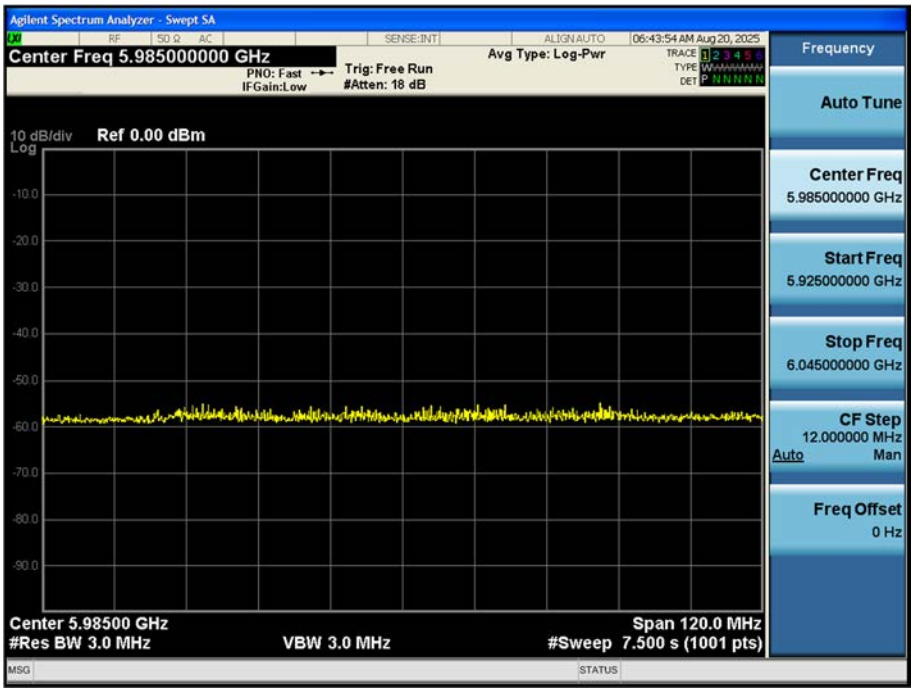
802.11ax HE80 Ch.7(5985 MHz) Detection Level



Bandwidth reduction plot (AWGN injected at low end)

: A 10 MHz AWGN signal (centered at 5950 MHz) is injected.

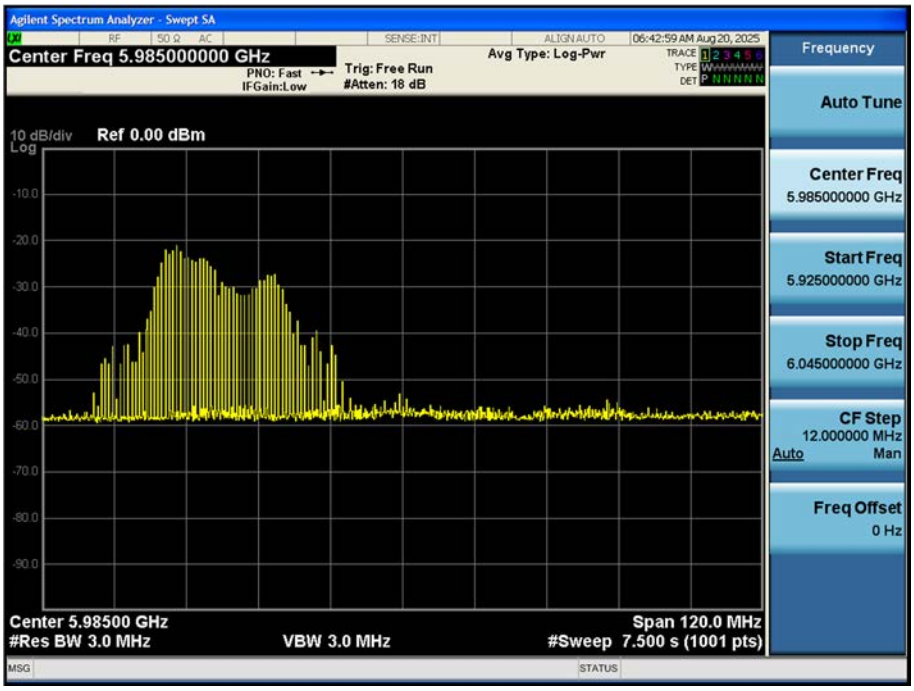
When a signal is applied at 5950 MHz, the channel at 5950 MHz and its adjacent channels become deactivated



Bandwidth reduction plot (AWGN injected at center)

: A 10 MHz AWGN signal (centered at 5985 MHz) is injected.

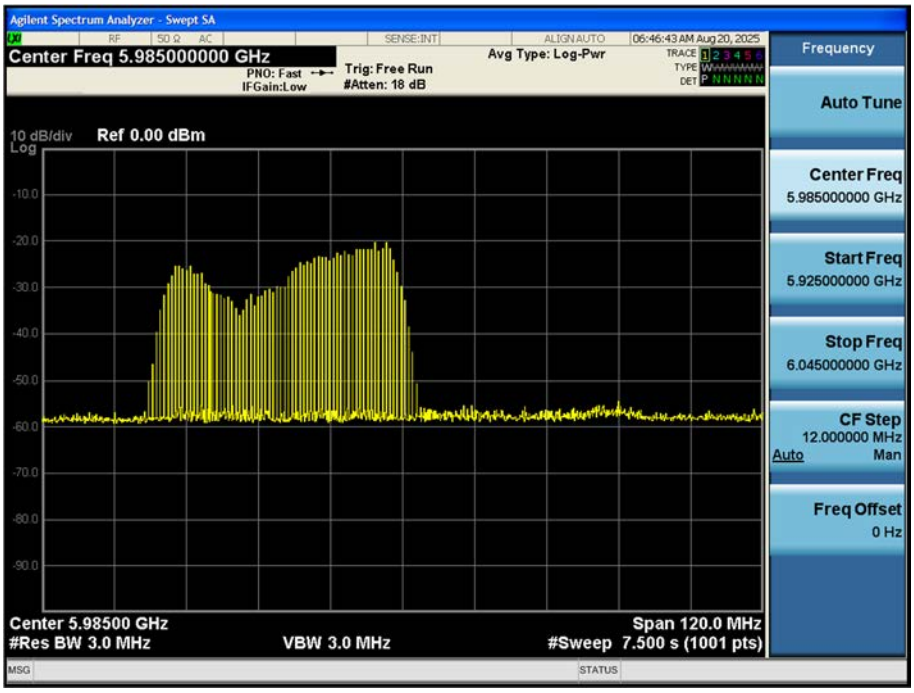
The channel completely ceases operation.



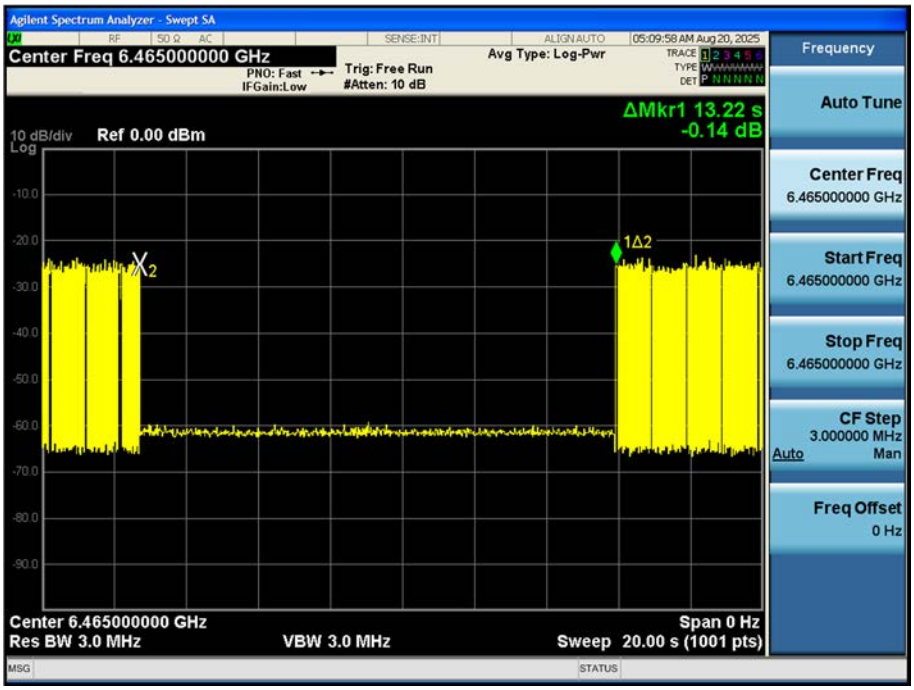
Bandwidth reduction plot (AWGN injected at high end)

: A 10 MHz AWGN signal (centered at 6020 MHz) is injected.

When a signal is applied at 6020 MHz, the channel at 6020 MHz and its adjacent channels become deactivated



802.11ax HE80 Ch.103(6465 MHz) Incumbent signal (Ceased)

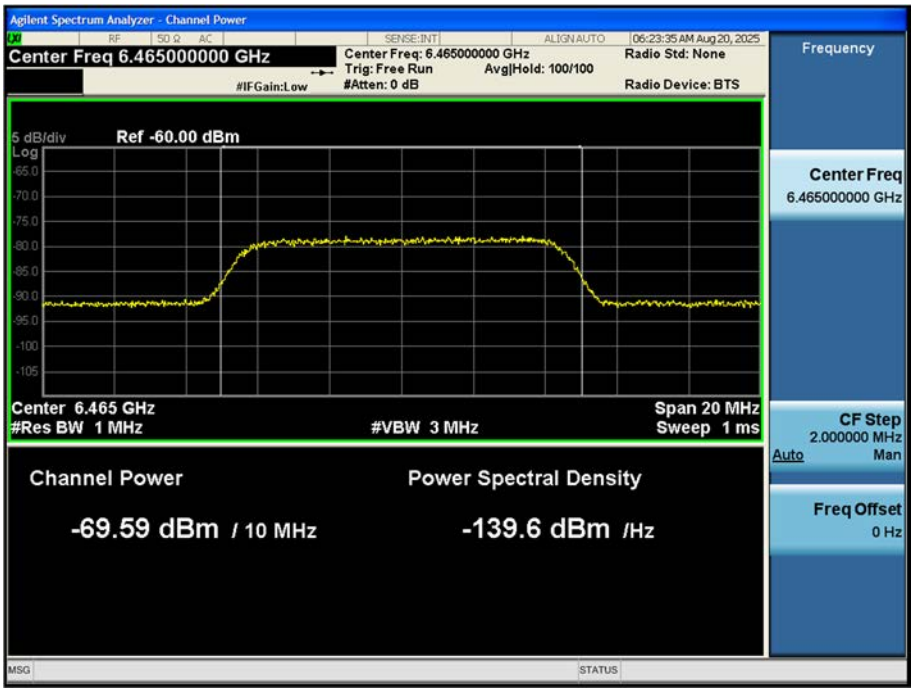


Note :

Marker 2 : AWGN Signal On

Marker 1△2 : AWGN signal Off (limit > 10s)

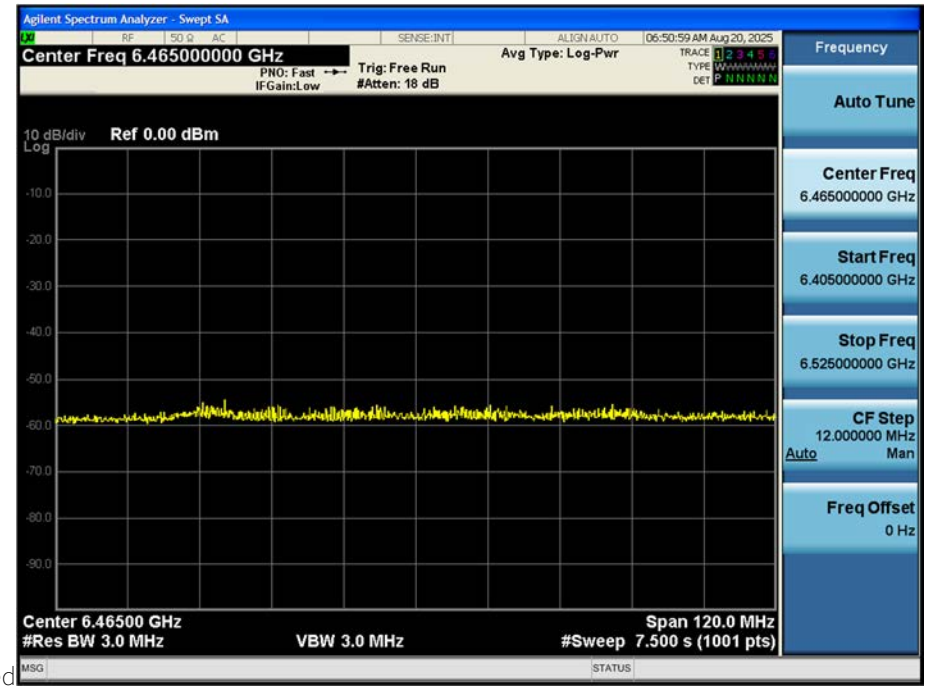
802.11ax HE80 Ch.103(6465 MHz) Detection Level



Bandwidth reduction plot (AWGN injected at low end)

: A 10 MHz AWGN signal (centered at 6430 MHz) is injected.

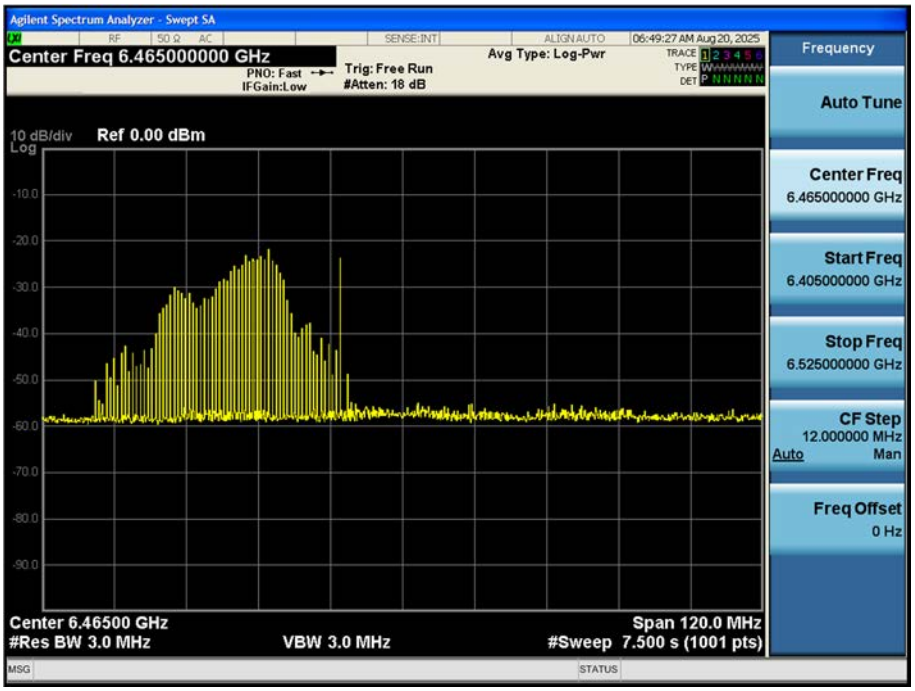
When a signal is applied at 6430 MHz, the channel at 6430 MHz and its adjacent channels become deactivated



Bandwidth reduction plot (AWGN injected at center)

: A 10 MHz AWGN signal (centered at 6465 MHz) is injected.

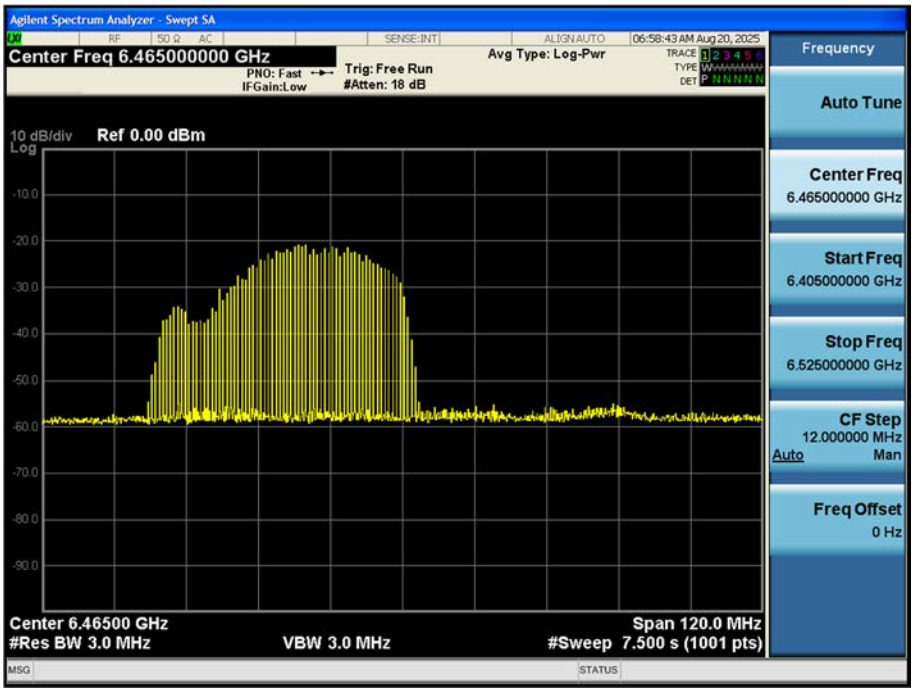
The channel completely ceases operation.



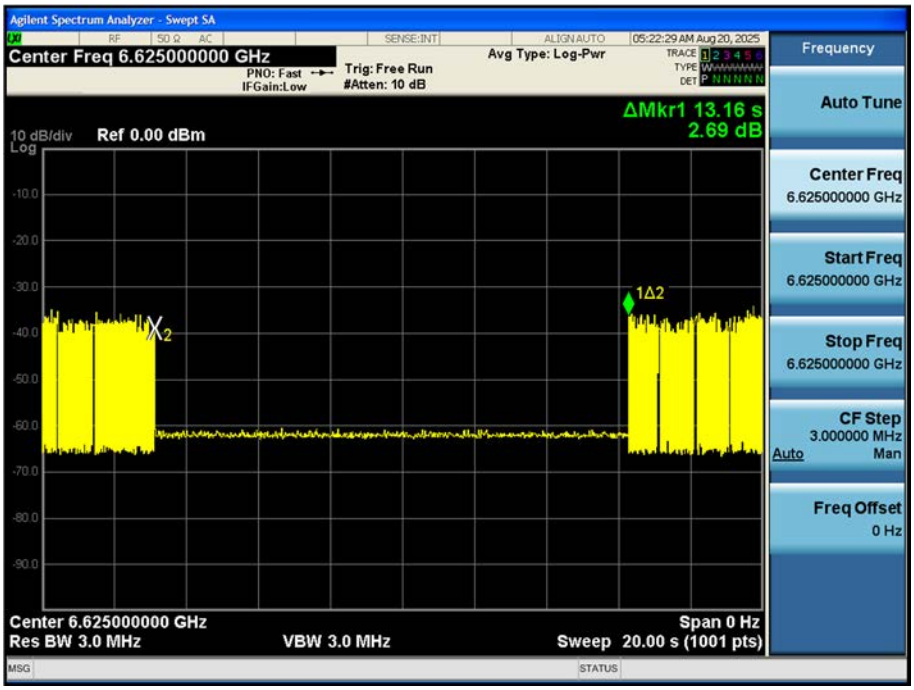
Bandwidth reduction plot (AWGN injected at high end)

: A 10 MHz AWGN signal (centered at 6500 MHz) is injected.

When a signal is applied at 6500 MHz, the channel at 6500 MHz and its adjacent channels become deactivated



802.11ax HE80 Ch.135(6625 MHz) Incumbent signal (Ceased)

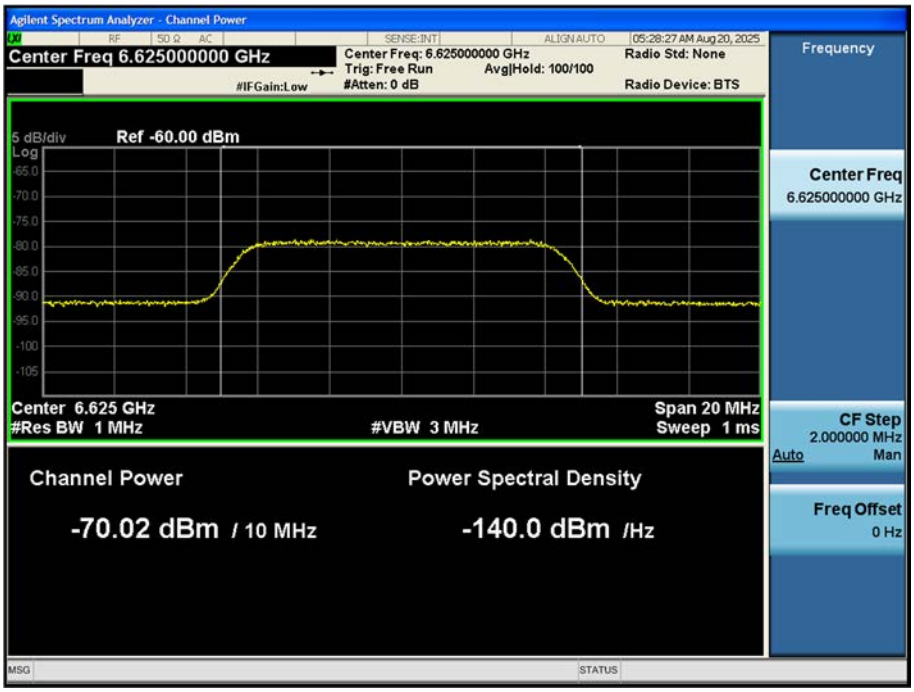


Note :

Marker 2 : AWGN Signal On

Marker 1△2 : AWGN signal Off (limit > 10s)

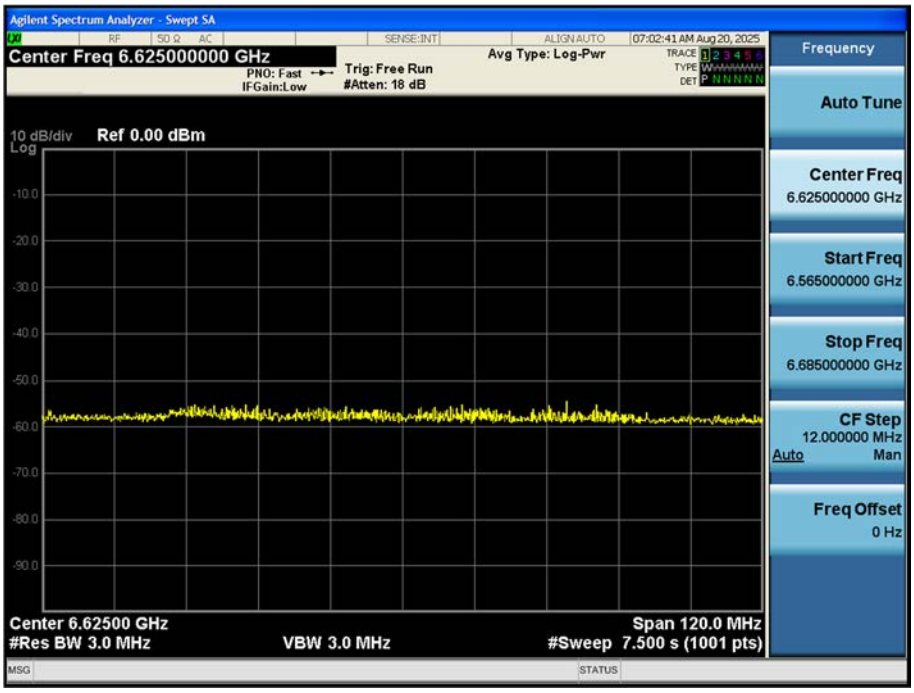
802.11ax HE80 Ch.135(6625 MHz) Detection Level



Bandwidth reduction plot (AWGN injected at low end)

: A 10 MHz AWGN signal (centered at 6590 MHz) is injected.

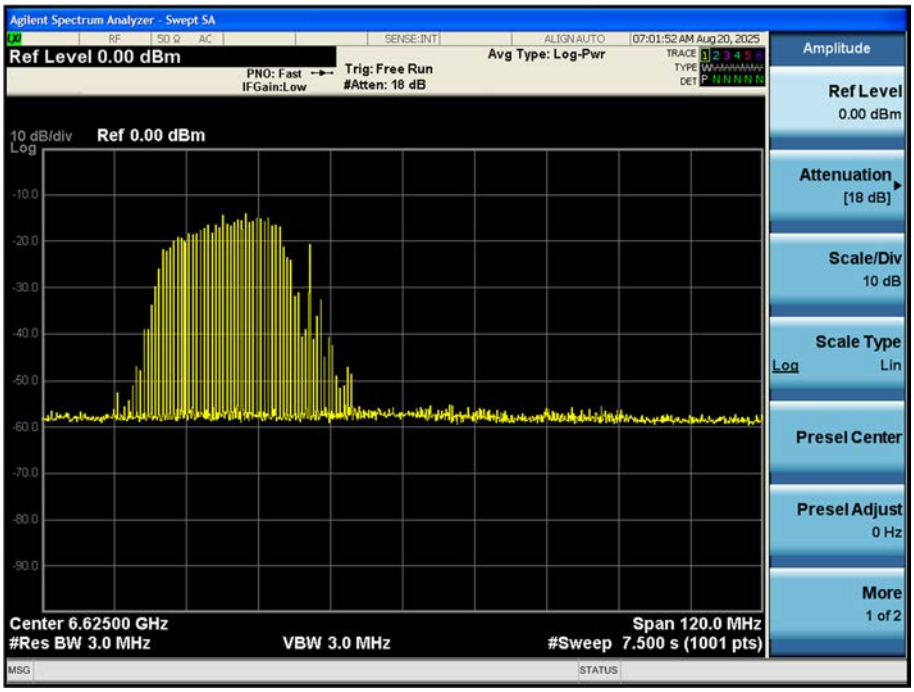
When a signal is applied at 6590 MHz, the channel at 6590 MHz and its adjacent channels become deactivated



Bandwidth reduction plot (AWGN injected at center)

: A 10 MHz AWGN signal (centered at 6625 MHz) is injected.

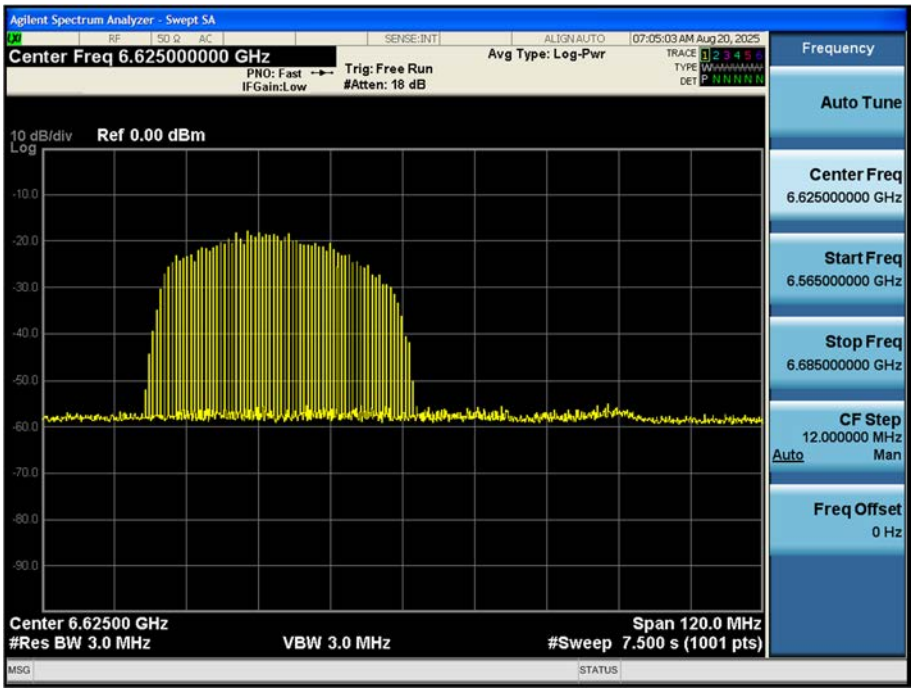
The channel completely ceases operation.



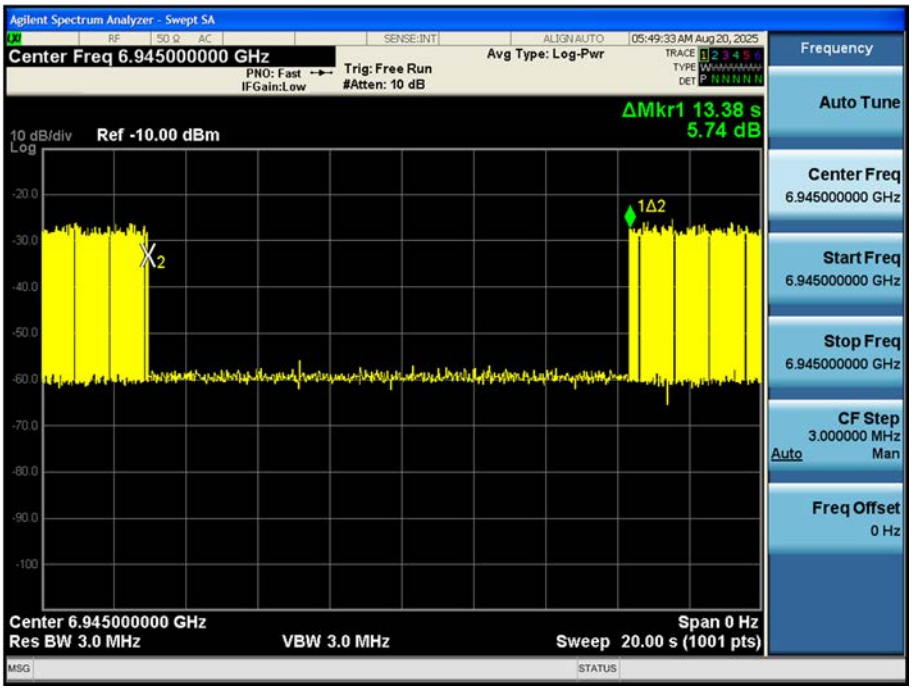
Bandwidth reduction plot (AWGN injected at high end)

: A 10 MHz AWGN signal (centered at 6660 MHz) is injected.

When a signal is applied at 6660 MHz, the channel at 6660 MHz and its adjacent channels become deactivated



802.11ax HE80 Ch.199(6945 MHz) Incumbent signal (Ceased)

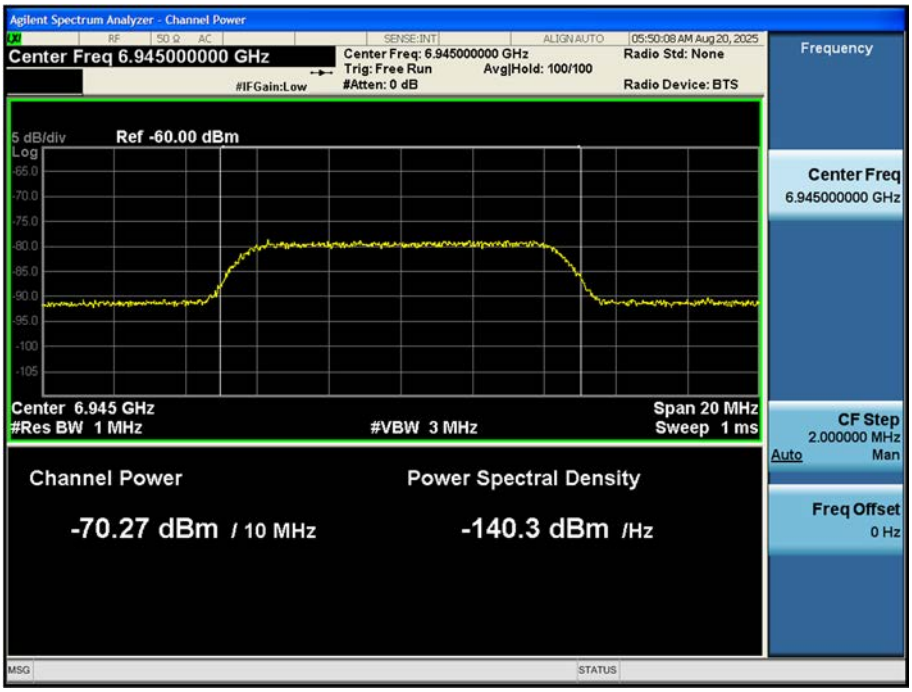


Note :

Marker 2 : AWGN Signal On

Marker 1△2 : AWGN signal Off (limit > 10s)

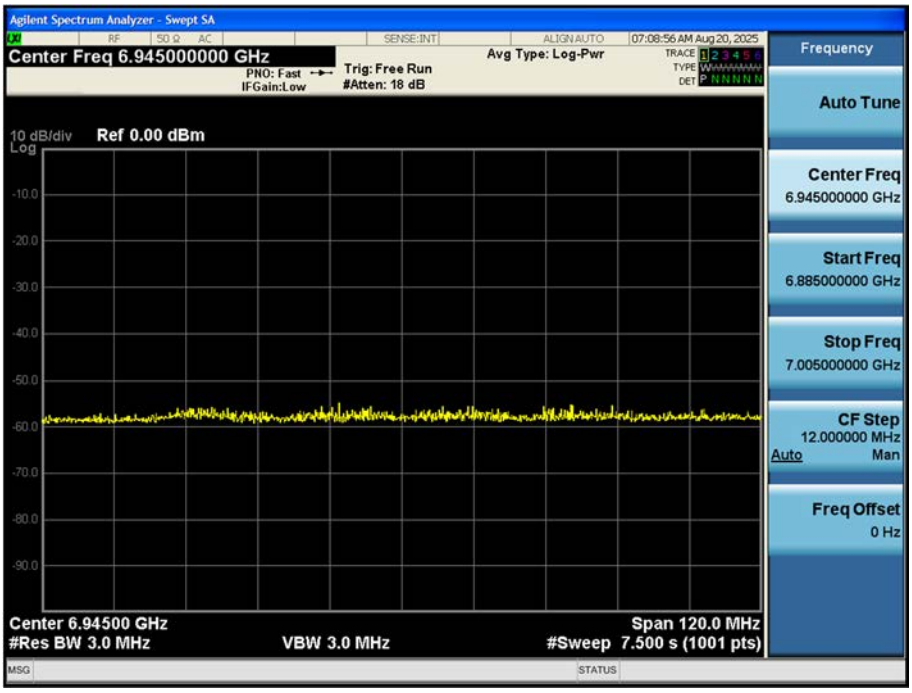
802.11ax HE80 Ch.199(6945 MHz) Detection Level



Bandwidth reduction plot (AWGN injected at low end)

: A 10 MHz AWGN signal (centered at 6910 MHz) is injected.

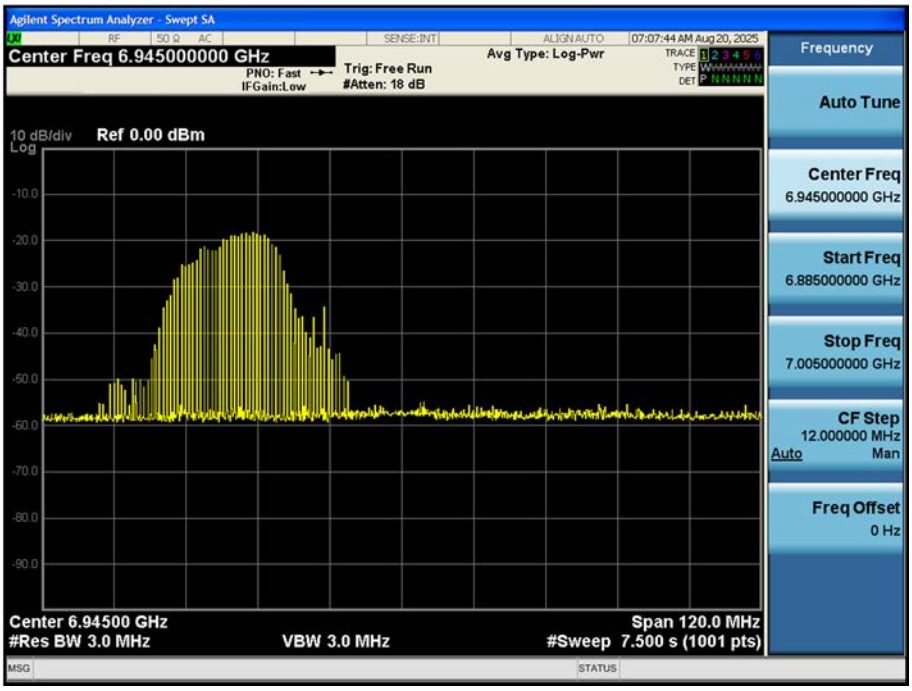
When a signal is applied at 6910 MHz, the channel at 6910 MHz and its adjacent channels become deactivated



Bandwidth reduction plot (AWGN injected at center)

: A 10 MHz AWGN signal (centered at 6945 MHz) is injected.

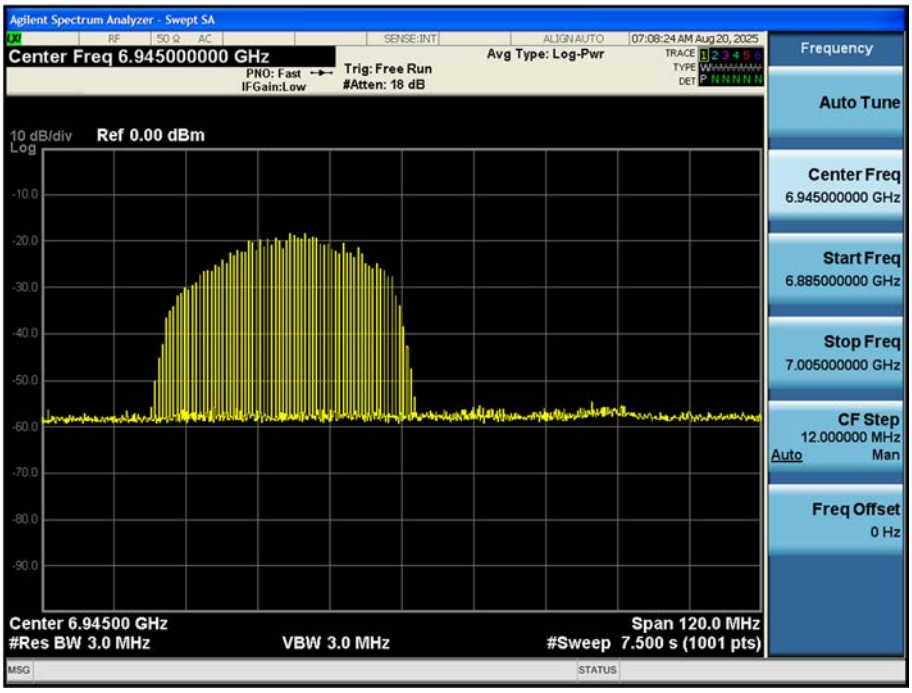
The channel completely ceases operation.



Bandwidth reduction plot (AWGN injected at high end)

: A 10 MHz AWGN signal (centered at 6980 MHz) is injected.

When a signal is applied at 6980 MHz, the channel at 6980 MHz and its adjacent channels become deactivated



10.7 FREQUENCY STABILITY.

Note

1. All modes of operation were investigated and the worst case configuration results are reported.
2. Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

10.7.1 80 MHz BW

[MIMO_CDD(Ant1+Ant2)]

REFERENCE VOLTAGE: 3.30 VDC

Startup after the EUT is energized

OPERATING BAND:			UNII Band 5		UNII Band 6		UNII Band 7	
OPERATING FREQUENCY:			6,145,000,000 Hz		6,465,000,000 Hz		6,705,000,000 Hz	
CHANNEL:			39		103		151	
Voltage	Power	Temp.	Frequency	Frequency Error	Frequency	Frequency Error	Frequency	Frequency Error
(%)	(VDC)	(°C)	(kHz)	(kHz)	(kHz)	(kHz)	(kHz)	(kHz)
100%	3.30	+20(Ref)	6145043.68	43.68	6465031.38	31.38	6705054.37	54.37
100%		-30	6145055.38	55.38	6465050.67	50.67	6705050.54	50.54
100%		-20	6145045.44	45.44	6465070.31	70.31	6705055.62	55.62
100%		-10	6145042.31	42.31	6465046.52	46.52	6705064.36	64.36
100%		0	6145070.38	70.38	6465056.33	56.33	6705034.35	34.35
100%		+10	6145034.69	34.69	6465031.49	31.49	6705055.33	55.33
100%		+30	6145055.69	55.69	6465040.49	40.49	6705054.67	54.67
100%		+40	6145061.50	61.50	6465041.35	41.35	6705030.61	30.61
100%		+50	6145042.53	42.53	6465038.57	38.57	6705062.49	62.49
High	3.60	+20	6145067.66	67.66	6465040.63	40.63	6705059.67	59.67
Low	3.135	+20	6145052.60	52.60	6465032.63	32.63	6705050.31	50.31

OPERATING BAND:			UNII Band 8	
OPERATING FREQUENCY:			6,945,000,000 Hz	
CHANNEL:			199	
Voltage	Power	Temp.	Frequency	Frequency Error
(%)	(VDC)	(°C)	(kHz)	(kHz)
100%	3.30	+20(Ref)	6945043.49	43.49
100%		-30	6945052.47	52.47
100%		-20	6945063.48	63.48
100%		-10	6945037.67	37.67
100%		0	6945031.66	31.66
100%		+10	6945058.67	58.67
100%		+30	6945049.34	49.34
100%		+40	6945036.53	36.53
100%		+50	6945052.64	52.64
High	3.60	+20	6945061.62	61.62
Low	3.135	+20	6945050.45	50.45

2 minutes after the EUT is energized

OPERATING BAND:			UNII Band 5		UNII Band 6		UNII Band 7	
OPERATING FREQUENCY:			6,145,000,000 Hz		6,465,000,000 Hz		6,705,000,000 Hz	
CHANNEL:			39		103		151	
Voltage	Power	Temp.	Frequency	Frequency Error	Frequency	Frequency Error	Frequency	Frequency Error
(%)	(VDC)	(°C)	(kHz)	(kHz)	(kHz)	(kHz)	(kHz)	(kHz)
100%	3.30	+20(Ref)	6145047.50	47.50	6465037.64	37.64	6705040.66	40.66
100%		-30	6145058.48	58.48	6465047.41	47.41	6705036.37	36.37
100%		-20	6145061.61	61.61	6465032.37	32.37	6705039.32	39.32
100%		-10	6145049.57	49.57	6465037.62	37.62	6705032.42	32.42
100%		0	6145053.62	53.62	6465046.44	46.44	6705032.45	32.45
100%		+10	6145045.50	45.50	6465056.36	56.36	6705035.62	35.62
100%		+30	6145031.47	31.47	6465055.40	55.40	6705056.67	56.67
100%		+40	6145059.42	59.42	6465060.53	60.53	6705033.51	33.51
100%		+50	6145049.50	49.50	6465066.39	66.39	6705052.43	52.43
High	3.60	+20	6145036.42	36.42	6465040.52	40.52	6705067.40	67.40
Low	3.135	+20	6145052.33	52.33	6465033.55	33.55	6705048.58	48.58

OPERATING BAND:			UNII Band 8	
OPERATING FREQUENCY:			6,945,000,000 Hz	
CHANNEL:			199	
Voltage	Power	Temp.	Frequency	Frequency Error
(%)	(VDC)	(°C)	(kHz)	(kHz)
100%	3.30	+20(Ref)	6945053.63	53.63
100%		-30	6945061.35	61.35
100%		-20	6945054.52	54.52
100%		-10	6945049.57	49.57
100%		0	6945062.61	62.61
100%		+10	6945059.55	59.55
100%		+30	6945032.64	32.64
100%		+40	6945068.60	68.60
100%		+50	6945042.44	42.44
High	3.60	+20	6945048.54	48.54
Low	3.135	+20	6945045.68	45.68

5 minutes after the EUT is energized

OPERATING BAND:			UNII Band 5		UNII Band 6		UNII Band 7	
OPERATING FREQUENCY:			6,145,000,000 Hz		6,465,000,000 Hz		6,705,000,000 Hz	
CHANNEL:			39		103		151	
Voltage	Power	Temp.	Frequency	Frequency Error	Frequency	Frequency Error	Frequency	Frequency Error
(%)	(VDC)	(°C)	(kHz)	(kHz)	(kHz)	(kHz)	(kHz)	(kHz)
100%	3.30	+20(Ref)	6145043.36	43.36	6465064.48	64.48	6705044.33	44.33
100%		-30	6145045.56	45.56	6465067.50	67.50	6705047.32	47.32
100%		-20	6145063.42	63.42	6465054.47	54.47	6705049.69	49.69
100%		-10	6145061.37	61.37	6465059.35	59.35	6705057.52	57.52
100%		0	6145070.44	70.44	6465054.37	54.37	6705067.41	67.41
100%		+10	6145052.43	52.43	6465042.65	42.65	6705050.49	50.49
100%		+30	6145069.65	69.65	6465049.66	49.66	6705031.35	31.35
100%		+40	6145040.32	40.32	6465033.37	33.37	6705063.32	63.32
100%		+50	6145043.41	43.41	6465045.62	45.62	6705053.49	53.49
High	3.60	+20	6145033.67	33.67	6465068.57	68.57	6705064.36	64.36
Low	3.135	+20	6145059.54	59.54	6465067.41	67.41	6705069.64	69.64

OPERATING BAND:			UNII Band 8	
OPERATING FREQUENCY:			6,945,000,000 Hz	
CHANNEL:			199	
Voltage	Power	Temp.	Frequency	Frequency Error
(%)	(VDC)	(°C)	(kHz)	(kHz)
100%	3.30	+20(Ref)	6945062.62	62.62
100%		-30	6945042.61	42.61
100%		-20	6945042.69	42.69
100%		-10	6945066.38	66.38
100%		0	6945037.52	37.52
100%		+10	6945057.34	57.34
100%		+30	6945049.32	49.32
100%		+40	6945067.56	67.56
100%		+50	6945035.39	35.39
High	3.60	+20	6945030.33	30.33
Low	3.135	+20	6945049.47	49.47

10 minutes after the EUT is energized

OPERATING BAND:			UNII Band 5		UNII Band 6		UNII Band 7	
OPERATING FREQUENCY:			6,145,000,000 Hz		6,465,000,000 Hz		6,705,000,000 Hz	
CHANNEL:			39		103		151	
Voltage	Power	Temp.	Frequency	Frequency Error	Frequency	Frequency Error	Frequency	Frequency Error
(%)	(VDC)	(°C)	(kHz)	(kHz)	(kHz)	(kHz)	(kHz)	(kHz)
100%	3.30	+20(Ref)	6145032.46	32.46	6465037.52	37.52	6705062.56	62.56
100%		-30	6145051.47	51.47	6465066.48	66.48	6705070.43	70.43
100%		-20	6145068.59	68.59	6465035.65	35.65	6705054.69	54.69
100%		-10	6145034.65	34.65	6465047.35	47.35	6705048.31	48.31
100%		0	6145037.59	37.59	6465066.58	66.58	6705048.62	48.62
100%		+10	6145055.40	55.40	6465047.46	47.46	6705043.45	43.45
100%		+30	6145031.51	31.51	6465030.64	30.64	6705060.47	60.47
100%		+40	6145047.45	47.45	6465047.59	47.59	6705038.58	38.58
100%		+50	6145067.44	67.44	6465032.47	32.47	6705059.47	59.47
High	3.60	+20	6145059.62	59.62	6465035.33	35.33	6705033.31	33.31
Low	3.135	+20	6145046.34	46.34	6465054.58	54.58	6705070.39	70.39

OPERATING BAND:			UNII Band 8	
OPERATING FREQUENCY:			6,945,000,000 Hz	
CHANNEL:			199	
Voltage	Power	Temp.	Frequency	Frequency Error
(%)	(VDC)	(°C)	(kHz)	(kHz)
100%	3.30	+20(Ref)	6945058.32	58.32
100%		-30	6945068.42	68.42
100%		-20	6945030.57	30.57
100%		-10	6945037.39	37.39
100%		0	6945032.62	32.62
100%		+10	6945042.37	42.37
100%		+30	6945052.37	52.37
100%		+40	6945058.68	58.68
100%		+50	6945056.62	56.62
High	3.60	+20	6945068.56	68.56
Low	3.135	+20	6945044.38	44.38

10.8 RADIATED SPURIOUS EMISSIONS (9 kHz – 1 GHz)

Frequency Range : 9 kHz – 30 MHz

Frequency	Measured Value	A.F+C.L-A.G+D.F	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	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

10.9 RADIATED SPURIOUS EMISSIONS (Above 1 GHz)

[MIMO_CDD(Ant1+Ant2)]

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 RSE result of worst case.

10.12.1 Indoor Client

Band :	UNII 5			Operation Mode :		802.11a_HT20 6M		
CH.1	5955 MHz			Transfer Rate :		6M		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11910	54.77	0.00	-3.67	V	51.10	73.98	22.88	PK
11910	45.68	0.68	-3.67	V	42.69	53.98	11.29	AV
17865	56.63	0.00	-4.45	V	52.18	73.98	21.80	PK
17865	44.78	0.68	-4.45	V	41.01	53.98	12.97	AV
11910	55.08	0.00	-3.67	H	51.41	73.98	22.57	PK
11910	47.93	0.68	-3.67	H	44.94	53.98	9.04	AV
17865	56.75	0.00	-4.45	H	52.30	73.98	21.68	PK
17865	44.80	0.68	-4.45	H	41.03	53.98	12.95	AV

Band :	UNII 5			Operation Mode :		802.11a_HT20 6M		
CH.45	6175 MHz			Transfer Rate :		6M		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12350	57.32	0.00	-4.00	V	53.32	88.20	34.88	PK
12350	47.40	0.68	-4.00	V	44.08	68.20	24.12	AV
18525	51.42	0.00	-0.26	V	51.16	73.98	22.82	PK
18525	40.27	0.68	-0.26	V	40.69	53.98	13.29	AV
12350	57.77	0.00	-4.00	H	53.77	88.20	34.43	PK
12350	48.79	0.68	-4.00	H	45.47	68.20	22.73	AV
18525	52.17	0.00	-0.26	H	51.91	73.98	22.07	PK
18525	40.53	0.68	-0.26	H	40.95	53.98	13.03	AV

Band :	UNII 5			Operation Mode :		802.11a_HT20 6M		
CH.93	6415 MHz			Transfer Rate :		6M		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12830	56.19	0.00	-3.70	V	52.49	88.20	35.71	PK
12830	46.28	0.68	-3.70	V	43.25	68.20	24.95	AV
19245	50.14	0.00	2.20	V	52.34	73.98	21.64	PK
19245	39.31	0.68	2.20	V	42.19	53.98	11.79	AV
12830	56.67	0.00	-3.70	H	52.97	88.20	35.23	PK
12830	48.41	0.68	-3.70	H	45.38	68.20	22.82	AV
19245	51.12	0.00	2.20	H	53.32	73.98	20.66	PK
19245	39.77	0.68	2.20	H	42.65	53.98	11.33	AV

Band :	UNII 6			Operation Mode :		802.11a_HT20 6M		
CH.97	6435 MHz			Transfer Rate :		6M		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12870	56.69	0.00	-3.84	V	52.85	88.20	35.35	PK
12870	46.93	0.68	-3.84	V	43.77	68.20	24.43	AV
19305	50.39	0.00	2.66	V	53.05	73.98	20.93	PK
19305	38.45	0.68	2.66	V	41.79	53.98	12.19	AV
12870	56.87	0.00	-3.84	H	53.03	88.20	35.17	PK
12870	47.64	0.68	-3.84	H	44.48	68.20	23.72	AV
19305	49.85	0.00	2.66	H	52.51	73.98	21.47	PK
19305	38.63	0.68	2.66	H	41.97	53.98	12.01	AV

Band :	UNII 6			Operation Mode :		802.11a_HT20 6M		
CH.105	6475 MHz			Transfer Rate :		6M		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12950	57.35	0.00	-3.80	V	53.55	88.20	34.65	PK
12950	46.25	0.68	-3.80	V	43.12	68.20	25.08	AV
19425	50.75	0.00	3.60	V	54.35	73.98	19.63	PK
19425	38.80	0.68	3.60	V	43.08	53.98	10.90	AV
12950	57.83	0.00	-3.80	H	54.03	88.20	34.17	PK
12950	47.66	0.68	-3.80	H	44.53	68.20	23.67	AV
19425	50.21	0.00	3.60	H	53.81	73.98	20.17	PK
19425	39.17	0.68	3.60	H	43.45	53.98	10.53	AV

Band :	UNII 6			Operation Mode :		802.11a_HT20 6M		
CH.113	6515 MHz			Transfer Rate :		6M		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13030	57.61	0.00	-3.97	V	53.64	88.20	34.56	PK
13030	47.39	0.68	-3.97	V	44.10	68.20	24.10	AV
19545	50.24	0.00	4.32	V	54.56	73.98	19.42	PK
19545	38.77	0.68	4.32	V	43.77	53.98	10.21	AV
13030	57.80	0.00	-3.97	H	53.83	88.20	34.37	PK
13030	47.57	0.68	-3.97	H	44.28	68.20	23.92	AV
19545	50.50	0.00	4.32	H	54.82	73.98	19.16	PK
19545	38.92	0.68	4.32	H	43.92	53.98	10.06	AV

Band :	UNII 7			Operation Mode :		802.11a_HT20 6M		
CH.117	6535 MHz			Transfer Rate :		6M		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13070	57.11	0.00	-3.86	V	53.25	88.20	34.95	PK
13070	46.72	0.68	-3.86	V	43.54	68.20	24.66	AV
19605	49.51	0.00	4.71	V	54.22	73.98	19.76	PK
19605	38.45	0.68	4.71	V	43.84	53.98	10.14	AV
13070	57.20	0.00	-3.86	H	53.34	88.20	34.86	PK
13070	47.47	0.68	-3.86	H	44.29	68.20	23.91	AV
19605	49.69	0.00	4.71	H	54.40	73.98	19.58	PK
19605	38.71	0.68	4.71	H	44.10	53.98	9.88	AV

Band :	UNII 7			Operation Mode :		802.11a_HT20 6M		
CH.149	6695 MHz			Transfer Rate :		6M		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13390	55.17	0.00	-2.98	V	52.19	88.20	36.01	PK
13390	46.37	0.68	-2.98	V	44.06	68.20	24.14	AV
20085	45.54	0.00	6.88	V	52.42	73.98	21.56	PK
20085	34.37	0.68	6.88	V	41.93	53.98	12.05	AV
13390	55.27	0.00	-2.98	H	52.29	88.20	35.91	PK
13390	46.45	0.68	-2.98	H	44.14	68.20	24.06	AV
20085	45.71	0.00	6.88	H	52.59	73.98	21.39	PK
20085	34.39	0.68	6.88	H	41.95	53.98	12.03	AV

Band :	UNII 7			Operation Mode :		802.11a_HT20 6M		
CH.181	6855 MHz			Transfer Rate :		6M		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13710	56.77	0.00	-3.36	V	53.41	88.20	34.79	PK
13710	48.42	0.68	-3.36	V	45.74	68.20	22.46	AV
20565	46.04	0.00	7.78	V	53.82	73.98	20.16	PK
20565	33.73	0.68	7.78	V	42.19	53.98	11.79	AV
13710	56.96	0.00	-3.36	H	53.60	88.20	34.60	PK
13710	48.54	0.68	-3.36	H	45.86	68.20	22.34	AV
20565	45.06	0.00	7.78	H	52.84	73.98	21.14	PK
20565	33.70	0.68	7.78	H	42.16	53.98	11.82	AV

Band :	UNII 8			Operation Mode :		802.11a_HT20 6M		
CH.185	6875 MHz			Transfer Rate :		6M		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13750	56.24	0.00	-3.23	V	53.01	88.20	35.19	PK
13750	47.79	0.68	-3.23	V	45.24	68.20	22.96	AV
20625	45.49	0.00	7.76	V	53.25	73.98	20.73	PK
20625	34.04	0.68	7.76	V	42.48	53.98	11.50	AV
13750	56.65	0.00	-3.23	H	53.42	88.20	34.78	PK
13750	48.19	0.68	-3.23	H	45.64	68.20	22.56	AV
20625	45.94	0.00	7.76	H	53.70	73.98	20.28	PK
20625	34.05	0.68	7.76	H	42.49	53.98	11.49	AV

Band :	UNII 8			Operation Mode :		802.11a_HT20 6M		
CH.209	6995 MHz			Transfer Rate :		6M		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13990	56.34	0.00	-2.98	V	53.36	88.20	34.84	PK
13990	48.19	0.68	-2.98	V	45.88	68.20	22.32	AV
20985	46.66	0.00	7.20	V	53.86	73.98	20.12	PK
20985	34.78	0.68	7.20	V	42.66	53.98	11.32	AV
13990	0.00	0.00	-2.98	H	-2.98	88.20	91.18	PK
13990	0.00	0.68	-2.98	H	-2.31	68.20	70.51	AV
20985	46.56	0.00	7.20	H	53.76	73.98	20.22	PK
20985	34.91	0.68	7.20	H	42.79	53.98	11.19	AV

Band :	UNII 8			Operation Mode :	802.11a_HT20 6M			
CH.233	7115 MHz			Transfer Rate :	6M			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
14230	58.46	0.00	-2.65	V	55.81	88.20	32.39	PK
14230	51.05	0.68	-2.65	V	49.08	68.20	19.12	AV
21345	46.76	0.00	6.15	V	52.91	73.98	21.07	PK
21345	35.21	0.68	6.15	V	42.04	53.98	11.94	AV
14230	58.31	0.00	-2.65	H	55.66	88.20	32.54	PK
14230	50.73	0.68	-2.65	H	48.76	68.20	19.44	AV
21345	46.39	0.00	6.15	H	52.54	73.98	21.44	PK
21345	35.42	0.68	6.15	H	42.25	53.98	11.73	AV

Band :	UNII 5			Operation Mode :	802.11ax_HE20 MCS0 242T RU61			
CH.1	5955 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11910	54.50	0.00	-3.67	V	50.83	73.98	23.15	PK
11910	45.66	0.16	-3.67	V	42.15	53.98	11.83	AV
17865	56.80	0.00	-4.45	V	52.35	73.98	21.63	PK
17865	44.61	0.16	-4.45	V	40.32	53.98	13.66	AV
11910	55.96	0.00	-3.67	H	52.29	73.98	21.69	PK
11910	47.68	0.16	-3.67	H	44.17	53.98	9.81	AV
17865	56.91	0.00	-4.45	H	52.46	73.98	21.52	PK
17865	44.77	0.16	-4.45	H	40.48	53.98	13.50	AV

Band :	UNII 5			Operation Mode :	802.11ax_HE20 MCS0 242T RU61			
CH.45	6175 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12350	55.95	0.00	-4.00	V	51.95	88.20	36.25	PK
12350	47.26	0.16	-4.00	V	43.42	68.20	24.78	AV
18525	52.04	0.00	-0.26	V	51.78	73.98	22.20	PK
18525	40.32	0.16	-0.26	V	40.22	53.98	13.76	AV
12350	57.39	0.00	-4.00	H	53.39	88.20	34.81	PK
12350	48.66	0.16	-4.00	H	44.82	68.20	23.38	AV
18525	52.28	0.00	-0.26	H	52.02	73.98	21.96	PK
18525	40.49	0.16	-0.26	H	40.39	53.98	13.59	AV

Band :	UNII 5			Operation Mode :	802.11ax_HE20 MCS0 242T RU61			
CH.93	6415 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12830	54.67	0.00	-3.70	V	50.97	88.20	37.23	PK
12830	45.36	0.16	-3.70	V	41.81	68.20	26.39	AV
19245	50.32	0.00	2.20	V	52.52	73.98	21.46	PK
19245	38.92	0.16	2.20	V	41.28	53.98	12.70	AV
12830	56.12	0.00	-3.70	H	52.42	88.20	35.78	PK
12830	48.16	0.16	-3.70	H	44.61	68.20	23.59	AV
19245	50.65	0.00	2.20	H	52.85	73.98	21.13	PK
19245	39.12	0.16	2.20	H	41.48	53.98	12.50	AV

Band :	UNII 6			Operation Mode :	802.11ax_HE20 MCS0 242T RU61			
CH.97	6435 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12870	55.42	0.00	-3.84	V	51.58	88.20	36.62	PK
12870	46.02	0.16	-3.84	V	42.34	68.20	25.86	AV
19305	49.88	0.00	2.66	V	52.54	73.98	21.44	PK
19305	38.43	0.16	2.66	V	41.25	53.98	12.73	AV
12870	55.89	0.00	-3.84	H	52.05	88.20	36.15	PK
12870	47.55	0.16	-3.84	H	43.87	68.20	24.33	AV
19305	49.94	0.00	2.66	H	52.60	73.98	21.38	PK
19305	38.55	0.16	2.66	H	41.37	53.98	12.61	AV

Band :	UNII 6			Operation Mode :	802.11ax_HE20 MCS0 242T RU61			
CH.105	6475 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12950	56.08	0.00	-3.80	V	52.28	88.20	35.92	PK
12950	45.90	0.16	-3.80	V	42.26	68.20	25.94	AV
19425	50.25	0.00	3.60	V	53.85	73.98	20.13	PK
19425	38.84	0.16	3.60	V	42.60	53.98	11.38	AV
12950	56.30	0.00	-3.80	H	52.50	88.20	35.70	PK
12950	47.39	0.16	-3.80	H	43.75	68.20	24.45	AV
19425	50.94	0.00	3.60	H	54.54	73.98	19.44	PK
19425	38.81	0.16	3.60	H	42.57	53.98	11.41	AV

Band :	UNII 6			Operation Mode :	802.11ax_HE20 MCS0 242T RU61			
CH.113	6515 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13030	56.21	0.00	-3.97	V	52.24	88.20	35.96	PK
13030	46.42	0.16	-3.97	V	42.61	68.20	25.59	AV
19545	50.18	0.00	4.32	V	54.50	73.98	19.48	PK
19545	38.76	0.16	4.32	V	43.24	53.98	10.74	AV
13030	56.33	0.00	-3.97	H	52.36	88.20	35.84	PK
13030	47.42	0.16	-3.97	H	43.61	68.20	24.59	AV
19545	50.55	0.00	4.32	H	54.87	73.98	19.11	PK
19545	38.83	0.16	4.32	H	43.31	53.98	10.67	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE20 MCS0 242T RU61			
CH.117	6535 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13070	55.67	0.00	-3.86	V	51.81	88.20	36.39	PK
13070	45.16	0.16	-3.86	V	41.46	68.20	26.74	AV
19605	49.70	0.00	4.71	V	54.41	73.98	19.57	PK
19605	38.56	0.16	4.71	V	43.43	53.98	10.55	AV
13070	56.45	0.00	-3.86	H	52.59	88.20	35.61	PK
13070	47.46	0.16	-3.86	H	43.76	68.20	24.44	AV
19605	49.70	0.00	4.71	H	54.41	73.98	19.57	PK
19605	38.53	0.16	4.71	H	43.40	53.98	10.58	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE20 MCS0 242T RU61			
CH.149	6695 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13390	55.11	0.00	-2.98	V	52.13	88.20	36.07	PK
13390	46.25	0.16	-2.98	V	43.42	68.20	24.78	AV
20085	45.80	0.00	6.88	V	52.68	73.98	21.30	PK
20085	34.36	0.16	6.88	V	41.40	53.98	12.58	AV
13390	55.18	0.00	-2.98	H	52.20	88.20	36.00	PK
13390	46.62	0.16	-2.98	H	43.79	68.20	24.41	AV
20085	46.42	0.00	6.88	H	53.30	73.98	20.68	PK
20085	34.44	0.16	6.88	H	41.48	53.98	12.50	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE20 MCS0 242T RU61			
CH.181	6855 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13710	56.42	0.00	-3.36	V	53.06	88.20	35.14	PK
13710	48.27	0.16	-3.36	V	45.07	68.20	23.13	AV
20565	45.77	0.00	7.78	V	53.55	73.98	20.43	PK
20565	33.55	0.16	7.78	V	41.49	53.98	12.49	AV
13710	56.63	0.00	-3.36	H	53.27	88.20	34.93	PK
13710	48.39	0.16	-3.36	H	45.19	68.20	23.01	AV
20565	46.06	0.00	7.78	H	53.84	73.98	20.14	PK
20565	33.58	0.16	7.78	H	41.52	53.98	12.46	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE20 MCS0 242T RU61			
CH.185	6875 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13750	56.19	0.00	-3.23	V	52.96	88.20	35.24	PK
13750	47.60	0.16	-3.23	V	44.53	68.20	23.67	AV
20625	45.21	0.00	7.76	V	52.97	73.98	21.01	PK
20625	34.06	0.16	7.76	V	41.98	53.98	12.00	AV
13750	56.22	0.00	-3.23	H	52.99	88.20	35.21	PK
13750	48.14	0.16	-3.23	H	45.07	68.20	23.13	AV
20625	45.67	0.00	7.76	H	53.43	73.98	20.55	PK
20625	34.01	0.16	7.76	H	41.93	53.98	12.05	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE20 MCS0 242T RU61			
CH.209	6995 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13990	57.04	0.00	-2.98	V	54.06	88.20	34.14	PK
13990	48.41	0.16	-2.98	V	45.58	68.20	22.62	AV
20985	46.44	0.00	7.20	V	53.64	73.98	20.34	PK
20985	34.72	0.16	7.20	V	42.08	53.98	11.90	AV
13990	0.00	0.00	-2.98	H	-2.98	88.20	91.18	PK
13990	0.00	0.16	-2.98	H	-2.83	68.20	71.03	AV
20985	46.82	0.00	7.20	H	54.02	73.98	19.96	PK
20985	34.75	0.16	7.20	H	42.11	53.98	11.87	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE20 MCS0 242T RU61			
CH.233	7115 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
14230	58.31	0.00	-2.65	V	55.66	88.20	32.54	PK
14230	51.02	0.16	-2.65	V	48.53	68.20	19.67	AV
21345	46.60	0.00	6.15	V	52.75	73.98	21.23	PK
21345	35.32	0.16	6.15	V	41.63	53.98	12.35	AV
14230	58.11	0.00	-2.65	H	55.46	88.20	32.74	PK
14230	50.59	0.16	-2.65	H	48.10	68.20	20.10	AV
21345	46.39	0.00	6.15	H	52.54	73.98	21.44	PK
21345	35.29	0.16	6.15	H	41.60	53.98	12.38	AV

Band :	UNII 5			Operation Mode :	802.11ax_HE20 MCS0 26T RU4			
CH.1	5955 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11910	55.16	0.00	-3.67	V	51.49	73.98	22.49	PK
11910	45.82	0.00	-3.67	V	42.15	53.98	11.83	AV
17865	56.20	0.00	-4.45	V	51.75	73.98	22.23	PK
17865	44.58	0.00	-4.45	V	40.13	53.98	13.85	AV
11910	55.79	0.00	-3.67	H	52.12	73.98	21.86	PK
11910	47.80	0.00	-3.67	H	44.13	53.98	9.85	AV
17865	56.39	0.00	-4.45	H	51.94	73.98	22.04	PK
17865	44.66	0.00	-4.45	H	40.21	53.98	13.77	AV

Band :	UNII 5			Operation Mode :	802.11ax_HE20 MCS0 26T RU4			
CH.45	6175 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12350	56.10	0.00	-4.00	V	52.10	88.20	36.10	PK
12350	47.39	0.00	-4.00	V	43.39	68.20	24.81	AV
18525	52.11	0.00	-0.26	V	51.85	73.98	22.13	PK
18525	40.41	0.00	-0.26	V	40.15	53.98	13.83	AV
12350	57.21	0.00	-4.00	H	53.21	88.20	34.99	PK
12350	48.64	0.00	-4.00	H	44.64	68.20	23.56	AV
18525	53.44	0.00	-0.26	H	53.18	73.98	20.80	PK
18525	40.64	0.00	-0.26	H	40.38	53.98	13.60	AV

Band :	UNII 5			Operation Mode :	802.11ax_HE20 MCS0 26T RU4			
CH.93	6415 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12830	55.02	0.00	-3.70	V	51.32	88.20	36.88	PK
12830	45.86	0.00	-3.70	V	42.16	68.20	26.04	AV
19245	50.06	0.00	2.20	V	52.26	73.98	21.72	PK
19245	39.35	0.00	2.20	V	41.55	53.98	12.43	AV
12830	56.24	0.00	-3.70	H	52.54	88.20	35.66	PK
12830	48.38	0.00	-3.70	H	44.68	68.20	23.52	AV
19245	50.41	0.00	2.20	H	52.61	73.98	21.37	PK
19245	39.47	0.00	2.20	H	41.67	53.98	12.31	AV

Band :	UNII 6			Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.97	6435 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12870	54.91	0.00	-3.84	V	51.07	88.20	37.13	PK
12870	46.28	0.00	-3.84	V	42.44	68.20	25.76	AV
19305	50.09	0.00	2.66	V	52.75	73.98	21.23	PK
19305	38.73	0.00	2.66	V	41.39	53.98	12.59	AV
12870	55.93	0.00	-3.84	H	52.09	88.20	36.11	PK
12870	47.61	0.00	-3.84	H	43.77	68.20	24.43	AV
19305	49.73	0.00	2.66	H	52.39	73.98	21.59	PK
19305	38.99	0.00	2.66	H	41.65	53.98	12.33	AV

Band :	UNII 6			Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.105	6475 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12950	55.05	0.00	-3.80	V	51.25	88.20	36.95	PK
12950	45.96	0.00	-3.80	V	42.16	68.20	26.04	AV
19425	50.36	0.00	3.60	V	53.96	73.98	20.02	PK
19425	38.76	0.00	3.60	V	42.36	53.98	11.62	AV
12950	56.17	0.00	-3.80	H	52.37	88.20	35.83	PK
12950	47.56	0.00	-3.80	H	43.76	68.20	24.44	AV
19425	51.29	0.00	3.60	H	54.89	73.98	19.09	PK
19425	38.83	0.00	3.60	H	42.43	53.98	11.55	AV

Band :	UNII 6			Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.113	6515 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13030	56.14	0.00	-3.97	V	52.17	88.20	36.03	PK
13030	46.39	0.00	-3.97	V	42.42	68.20	25.78	AV
19545	50.05	0.00	4.32	V	54.37	73.98	19.61	PK
19545	38.61	0.00	4.32	V	42.93	53.98	11.05	AV
13030	56.47	0.00	-3.97	H	52.50	88.20	35.70	PK
13030	47.62	0.00	-3.97	H	43.65	68.20	24.55	AV
19545	50.65	0.00	4.32	H	54.97	73.98	19.01	PK
19545	38.78	0.00	4.32	H	43.10	53.98	10.88	AV

Band :	UNII 7			Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.117	6535 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13070	57.61	0.00	-3.86	V	53.75	88.20	34.45	PK
13070	46.93	0.00	-3.86	V	43.07	68.20	25.13	AV
19605	50.19	0.00	4.71	V	54.90	73.98	19.08	PK
19605	38.51	0.00	4.71	V	43.22	53.98	10.76	AV
13070	58.66	0.00	-3.86	H	54.80	88.20	33.40	PK
13070	47.77	0.00	-3.86	H	43.91	68.20	24.29	AV
19605	50.06	0.00	4.71	H	54.77	73.98	19.21	PK
19605	38.61	0.00	4.71	H	43.32	53.98	10.66	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE20 MCS0 26T RU4			
CH.149	6695 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13390	55.72	0.00	-2.98	V	52.74	88.20	35.46	PK
13390	46.12	0.00	-2.98	V	43.14	68.20	25.06	AV
20085	45.64	0.00	6.88	V	52.52	73.98	21.46	PK
20085	34.34	0.00	6.88	V	41.22	53.98	12.76	AV
13390	56.01	0.00	-2.98	H	53.03	88.20	35.17	PK
13390	46.55	0.00	-2.98	H	43.57	68.20	24.63	AV
20085	46.51	0.00	6.88	H	53.39	73.98	20.59	PK
20085	34.33	0.00	6.88	H	41.21	53.98	12.77	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE20 MCS0 26T RU4			
CH.181	6855 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13710	56.87	0.00	-3.36	V	53.51	88.20	34.69	PK
13710	47.83	0.00	-3.36	V	44.47	68.20	23.73	AV
20565	45.61	0.00	7.78	V	53.39	73.98	20.59	PK
20565	33.65	0.00	7.78	V	41.43	53.98	12.55	AV
13710	56.94	0.00	-3.36	H	53.58	88.20	34.62	PK
13710	48.60	0.00	-3.36	H	45.24	68.20	22.96	AV
20565	44.86	0.00	7.78	H	52.64	73.98	21.34	PK
20565	33.66	0.00	7.78	H	41.44	53.98	12.54	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE20 MCS0 26T RU4			
CH.185	6875 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13750	56.27	0.00	-3.23	V	53.04	88.20	35.16	PK
13750	47.92	0.00	-3.23	V	44.69	68.20	23.51	AV
20625	46.44	0.00	7.76	V	54.20	73.98	19.78	PK
20625	33.95	0.00	7.76	V	41.71	53.98	12.27	AV
13750	56.68	0.00	-3.23	H	53.45	88.20	34.75	PK
13750	48.23	0.00	-3.23	H	45.00	68.20	23.20	AV
20625	45.19	0.00	7.76	H	52.95	73.98	21.03	PK
20625	34.02	0.00	7.76	H	41.78	53.98	12.20	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE20 MCS0 26T RU4			
CH.209	6995 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13990	56.34	0.00	-2.98	V	53.36	88.20	34.84	PK
13990	48.28	0.00	-2.98	V	45.30	68.20	22.90	AV
20985	46.08	0.00	7.20	V	53.28	73.98	20.70	PK
20985	34.84	0.00	7.20	V	42.04	53.98	11.94	AV
13990	55.91	0.00	-2.98	H	52.93	88.20	35.27	PK
13990	48.11	0.00	-2.98	H	45.13	68.20	23.07	AV
20985	46.51	0.00	7.20	H	53.71	73.98	20.27	PK
20985	34.80	0.00	7.20	H	42.00	53.98	11.98	AV

Band :	UNII 8			Operation Mode :		802.11ax_HE20 MCS0 26T RU4		
CH.233	7115 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
14230	58.50	0.00	-2.65	V	55.85	88.20	32.35	PK
14230	50.91	0.00	-2.65	V	48.26	68.20	19.94	AV
21345	47.08	0.00	6.15	V	53.23	73.98	20.75	PK
21345	35.31	0.00	6.15	V	41.46	53.98	12.52	AV
14230	57.93	0.00	-2.65	H	55.28	88.20	32.92	PK
14230	50.69	0.00	-2.65	H	48.04	68.20	20.16	AV
21345	47.25	0.00	6.15	H	53.40	73.98	20.58	PK
21345	35.22	0.00	6.15	H	41.37	53.98	12.61	AV

Band :	UNII 5			Operation Mode :		802.11ax_HE40 MCS0 484T RU65		
CH.3	5965 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11930	54.93	0.00	-3.72	V	51.21	73.98	22.77	PK
11930	47.05	0.16	-3.72	V	43.49	53.98	10.49	AV
17895	55.75	0.00	-4.43	V	51.32	73.98	22.66	PK
17895	44.52	0.16	-4.43	V	40.25	53.98	13.73	AV
11930	55.61	0.00	-3.72	H	51.89	73.98	22.09	PK
11930	48.06	0.16	-3.72	H	44.50	53.98	9.48	AV
17895	55.88	0.00	-4.43	H	51.45	73.98	22.53	PK
17895	44.59	0.16	-4.43	H	40.32	53.98	13.66	AV

Band :	UNII 5			Operation Mode :		802.11ax_HE40 MCS0 484T RU65		
CH.43	6165 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12330	56.24	0.00	-3.84	V	52.40	73.98	21.58	PK
12330	47.72	0.16	-3.84	V	44.04	53.98	9.94	AV
18495	51.87	0.00	-0.05	V	51.82	73.98	22.16	PK
18495	40.35	0.16	-0.05	V	40.46	53.98	13.52	AV
12330	56.79	0.00	-3.84	H	52.95	73.98	21.03	PK
12330	48.42	0.16	-3.84	H	44.74	53.98	9.24	AV
18495	52.78	0.00	-0.05	H	52.73	73.98	21.25	PK
18495	40.34	0.16	-0.05	H	40.45	53.98	13.53	AV

Band :	UNII 5			Operation Mode :		802.11ax_HE40 MCS0 484T RU65		
CH.91	6405 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12810	55.62	0.00	-3.59	V	52.03	88.20	36.17	PK
12810	46.58	0.16	-3.59	V	43.15	68.20	25.05	AV
19215	50.74	0.00	1.96	V	52.70	73.98	21.28	PK
19215	39.31	0.16	1.96	V	41.43	53.98	12.55	AV
12810	56.33	0.00	-3.59	H	52.74	88.20	35.46	PK
12810	47.61	0.16	-3.59	H	44.18	68.20	24.02	AV
19215	51.04	0.00	1.96	H	53.00	73.98	20.98	PK
19215	39.41	0.16	1.96	H	41.53	53.98	12.45	AV

Band :	UNII 6			Operation Mode :	802.11ax_HE40 MCS0 484T RU65			
CH.99	6445 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12890	56.14	0.00	-3.82	V	52.32	88.20	35.88	PK
12890	46.57	0.16	-3.82	V	42.91	68.20	25.29	AV
19335	49.97	0.00	3.01	V	52.98	73.98	21.00	PK
19335	38.24	0.16	3.01	V	41.41	53.98	12.57	AV
12890	56.45	0.00	-3.82	H	52.63	88.20	35.57	PK
12890	47.70	0.16	-3.82	H	44.04	68.20	24.16	AV
19335	49.63	0.00	3.01	H	52.64	73.98	21.34	PK
19335	38.20	0.16	3.01	H	41.37	53.98	12.61	AV

Band :	UNII 6			Operation Mode :	802.11ax_HE40 MCS0 484T RU65			
CH.107	6485 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12970	55.42	0.00	-3.90	V	51.52	88.20	36.68	PK
12970	46.57	0.16	-3.90	V	42.83	68.20	25.37	AV
19455	50.06	0.00	3.77	V	53.83	73.98	20.15	PK
19455	38.74	0.16	3.77	V	42.67	53.98	11.31	AV
12970	55.99	0.00	-3.90	H	52.09	88.20	36.11	PK
12970	47.20	0.16	-3.90	H	43.46	68.20	24.74	AV
19455	50.10	0.00	3.77	H	53.87	73.98	20.11	PK
19455	38.73	0.16	3.77	H	42.66	53.98	11.32	AV

Band :	UNII 6			Operation Mode :	802.11ax_HE40 MCS0 484T RU65			
CH.115	6525 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13050	55.82	0.00	-3.80	V	52.02	88.20	36.18	PK
13050	47.02	0.16	-3.80	V	43.38	68.20	24.82	AV
19575	50.05	0.00	4.44	V	54.49	73.98	19.49	PK
19575	38.83	0.16	4.44	V	43.43	53.98	10.55	AV
13050	56.10	0.00	-3.80	H	52.30	88.20	35.90	PK
13050	47.97	0.16	-3.80	H	44.33	68.20	23.87	AV
19575	50.02	0.00	4.44	H	54.46	73.98	19.52	PK
19575	38.91	0.16	4.44	H	43.51	53.98	10.47	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE40 MCS0 484T RU65			
CH.123	6565 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13130	55.30	0.00	-3.70	V	51.60	88.20	36.60	PK
13130	46.53	0.16	-3.70	V	42.99	68.20	25.21	AV
19695	48.77	0.00	5.24	V	54.01	73.98	19.97	PK
19695	37.15	0.16	5.24	V	42.55	53.98	11.43	AV
13130	55.86	0.00	-3.70	H	52.16	88.20	36.04	PK
13130	47.23	0.16	-3.70	H	43.69	68.20	24.51	AV
19695	48.66	0.00	5.24	H	53.90	73.98	20.08	PK
19695	37.16	0.16	5.24	H	42.56	53.98	11.42	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE40 MCS0 484T RU65			
CH.147	6685 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13370	54.36	0.00	-3.09	V	51.27	88.20	36.93	PK
13370	44.93	0.16	-3.09	V	42.00	68.20	26.20	AV
20055	46.23	0.00	6.98	V	53.21	73.98	20.77	PK
20055	34.43	0.16	6.98	V	41.57	53.98	12.41	AV
13370	54.83	0.00	-3.09	H	51.74	88.20	36.46	PK
13370	45.62	0.16	-3.09	H	42.69	68.20	25.51	AV
20055	46.03	0.00	6.98	H	53.01	73.98	20.97	PK
20055	34.39	0.16	6.98	H	41.53	53.98	12.45	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE40 MCS0 484T RU65			
CH.179	6845 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13690	57.28	0.00	-3.36	V	53.92	88.20	34.28	PK
13690	47.47	0.16	-3.36	V	44.27	68.20	23.93	AV
20535	45.28	0.00	7.70	V	52.98	73.98	21.00	PK
20535	33.26	0.16	7.70	V	41.12	53.98	12.86	AV
13690	56.88	0.00	-3.36	H	53.52	88.20	34.68	PK
13690	46.90	0.16	-3.36	H	43.70	68.20	24.50	AV
20535	44.81	0.00	7.70	H	52.51	73.98	21.47	PK
20535	33.39	0.16	7.70	H	41.25	53.98	12.73	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE40 MCS0 484T RU65			
CH.187	6885 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13770	56.52	0.00	-3.15	V	53.37	88.20	34.83	PK
13770	46.57	0.16	-3.15	V	43.58	68.20	24.62	AV
20655	46.31	0.00	7.68	V	53.99	73.98	19.99	PK
20655	34.17	0.16	7.68	V	42.01	53.98	11.97	AV
13770	56.66	0.00	-3.15	H	53.51	88.20	34.69	PK
13770	46.88	0.16	-3.15	H	43.89	68.20	24.31	AV
20655	45.75	0.00	7.68	H	53.43	73.98	20.55	PK
20655	34.07	0.16	7.68	H	41.91	53.98	12.07	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE40 MCS0 484T RU65			
CH.211	7005 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
14010	56.96	0.00	-2.67	V	54.29	88.20	33.91	PK
14010	46.67	0.16	-2.67	V	44.16	68.20	24.04	AV
21015	46.88	0.00	7.13	V	54.01	73.98	19.97	PK
21015	34.87	0.16	7.13	V	42.16	53.98	11.82	AV
14010	56.77	0.00	-2.67	H	54.10	88.20	34.10	PK
14010	46.58	0.16	-2.67	H	44.07	68.20	24.13	AV
21015	46.62	0.00	7.13	H	53.75	73.98	20.23	PK
21015	34.98	0.16	7.13	H	42.27	53.98	11.71	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE40 MCS0 484T RU65			
CH.227	7085 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
14170	57.84	0.00	-2.68	V	55.16	88.20	33.04	PK
14170	48.93	0.16	-2.68	V	46.41	68.20	21.79	AV
21255	46.40	0.00	6.36	V	52.76	73.98	21.22	PK
21255	34.83	0.16	6.36	V	41.35	53.98	12.63	AV
14170	57.33	0.00	-2.68	H	54.65	88.20	33.55	PK
14170	48.03	0.16	-2.68	H	45.51	68.20	22.69	AV
21255	46.53	0.00	6.36	H	52.89	73.98	21.09	PK
21255	34.77	0.16	6.36	H	41.29	53.98	12.69	AV

Band :	UNII 5			Operation Mode :	802.11ax_HE40 MCS0 26T RU9			
CH.3	5965 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11930	54.93	0.00	-3.72	V	51.21	73.98	22.77	PK
11930	45.65	0.16	-3.72	V	42.09	53.98	11.89	AV
17895	56.05	0.00	-4.43	V	51.62	73.98	22.36	PK
17895	44.58	0.16	-4.43	V	40.31	53.98	13.67	AV
11930	55.34	0.00	-3.72	H	51.62	73.98	22.36	PK
11930	48.21	0.16	-3.72	H	44.65	53.98	9.33	AV
17895	56.11	0.00	-4.43	H	51.68	73.98	22.30	PK
17895	44.60	0.16	-4.43	H	40.33	53.98	13.65	AV

Band :	UNII 5			Operation Mode :	802.11ax_HE40 MCS0 26T RU9			
CH.43	6165 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12330	55.93	0.00	-3.84	V	52.09	73.98	21.89	PK
12330	47.61	0.16	-3.84	V	43.93	53.98	10.05	AV
18495	51.62	0.00	-0.05	V	51.57	73.98	22.41	PK
18495	40.46	0.16	-0.05	V	40.57	53.98	13.41	AV
12330	56.70	0.00	-3.84	H	52.86	73.98	21.12	PK
12330	48.38	0.16	-3.84	H	44.70	53.98	9.28	AV
18495	52.11	0.00	-0.05	H	52.06	73.98	21.92	PK
18495	40.49	0.16	-0.05	H	40.60	53.98	13.38	AV

Band :	UNII 5			Operation Mode :	802.11ax_HE40 MCS0 26T RU9			
CH.91	6405 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12810	55.05	0.00	-3.59	V	51.46	88.20	36.74	PK
12810	46.84	0.16	-3.59	V	43.41	68.20	24.79	AV
19215	51.46	0.00	1.96	V	53.42	73.98	20.56	PK
19215	39.55	0.16	1.96	V	41.67	53.98	12.31	AV
12810	55.49	0.00	-3.59	H	51.90	88.20	36.30	PK
12810	47.72	0.16	-3.59	H	44.29	68.20	23.91	AV
19215	50.79	0.00	1.96	H	52.75	73.98	21.23	PK
19215	39.62	0.16	1.96	H	41.74	53.98	12.24	AV

Band :	UNII 6			Operation Mode :	802.11ax_HE40 MCS0 26T RU9			
CH.99	6445 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12890	55.82	0.00	-3.82	V	52.00	88.20	36.20	PK
12890	47.02	0.16	-3.82	V	43.36	68.20	24.84	AV
19335	49.93	0.00	3.01	V	52.94	73.98	21.04	PK
19335	38.24	0.16	3.01	V	41.41	53.98	12.57	AV
12890	56.13	0.00	-3.82	H	52.31	88.20	35.89	PK
12890	47.82	0.16	-3.82	H	44.16	68.20	24.04	AV
19335	49.44	0.00	3.01	H	52.45	73.98	21.53	PK
19335	38.37	0.16	3.01	H	41.54	53.98	12.44	AV

Band :	UNII 6			Operation Mode :	802.11ax_HE40 MCS0 26T RU9			
CH.107	6485 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12970	55.06	0.00	-3.90	V	51.16	88.20	37.04	PK
12970	46.42	0.16	-3.90	V	42.68	68.20	25.52	AV
19455	49.77	0.00	3.77	V	53.54	73.98	20.44	PK
19455	38.84	0.16	3.77	V	42.77	53.98	11.21	AV
12970	55.99	0.00	-3.90	H	52.09	88.20	36.11	PK
12970	47.30	0.16	-3.90	H	43.56	68.20	24.64	AV
19455	50.25	0.00	3.77	H	54.02	73.98	19.96	PK
19455	38.84	0.16	3.77	H	42.77	53.98	11.21	AV

Band :	UNII 6			Operation Mode :	802.11ax_HE40 MCS0 26T RU9			
CH.115	6525 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13050	55.90	0.00	-3.80	V	52.10	88.20	36.10	PK
13050	47.64	0.16	-3.80	V	44.00	68.20	24.20	AV
19575	50.10	0.00	4.44	V	54.54	73.98	19.44	PK
19575	38.75	0.16	4.44	V	43.35	53.98	10.63	AV
13050	56.67	0.00	-3.80	H	52.87	88.20	35.33	PK
13050	48.16	0.16	-3.80	H	44.52	68.20	23.68	AV
19575	50.24	0.00	4.44	H	54.68	73.98	19.30	PK
19575	38.73	0.16	4.44	H	43.33	53.98	10.65	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE40 MCS0 26T RU9			
CH.123	6565 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13130	55.92	0.00	-3.70	V	52.22	88.20	35.98	PK
13130	47.20	0.16	-3.70	V	43.66	68.20	24.54	AV
19695	49.24	0.00	5.24	V	54.48	73.98	19.50	PK
19695	37.24	0.16	5.24	V	42.64	53.98	11.34	AV
13130	56.35	0.00	-3.70	H	52.65	88.20	35.55	PK
13130	47.53	0.16	-3.70	H	43.99	68.20	24.21	AV
19695	48.15	0.00	5.24	H	53.39	73.98	20.59	PK
19695	37.21	0.16	5.24	H	42.61	53.98	11.37	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE40 MCS0 26T RU9			
CH.147	6685 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13370	53.98	0.00	-3.09	V	50.89	88.20	37.31	PK
13370	45.02	0.16	-3.09	V	42.09	68.20	26.11	AV
20055	45.82	0.00	6.98	V	52.80	73.98	21.18	PK
20055	34.18	0.16	6.98	V	41.32	53.98	12.66	AV
13370	54.90	0.00	-3.09	H	51.81	88.20	36.39	PK
13370	45.61	0.16	-3.09	H	42.68	68.20	25.52	AV
20055	45.70	0.00	6.98	H	52.68	73.98	21.30	PK
20055	34.18	0.16	6.98	H	41.32	53.98	12.66	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE40 MCS0 26T RU9			
CH.179	6845 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13690	57.28	0.00	-3.36	V	53.92	88.20	34.28	PK
13690	47.50	0.16	-3.36	V	44.30	68.20	23.90	AV
20535	45.25	0.00	7.70	V	52.95	73.98	21.03	PK
20535	33.71	0.16	7.70	V	41.57	53.98	12.41	AV
13690	56.77	0.00	-3.36	H	53.41	88.20	34.79	PK
13690	46.72	0.16	-3.36	H	43.52	68.20	24.68	AV
20535	45.18	0.00	7.70	H	52.88	73.98	21.10	PK
20535	33.56	0.16	7.70	H	41.42	53.98	12.56	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE40 MCS0 26T RU9			
CH.187	6885 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13770	56.15	0.00	-3.15	V	53.00	88.20	35.20	PK
13770	46.44	0.16	-3.15	V	43.45	68.20	24.75	AV
20655	45.50	0.00	7.68	V	53.18	73.98	20.80	PK
20655	34.18	0.16	7.68	V	42.02	53.98	11.96	AV
13770	56.54	0.00	-3.15	H	53.39	88.20	34.81	PK
13770	46.87	0.16	-3.15	H	43.88	68.20	24.32	AV
20655	45.77	0.00	7.68	H	53.45	73.98	20.53	PK
20655	34.11	0.16	7.68	H	41.95	53.98	12.03	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE40 MCS0 26T RU9			
CH.211	7005 MHz			Transfer Rate :		MCS0		
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
14010	56.58	0.00	-2.67	V	53.91	88.20	34.29	PK
14010	47.38	0.16	-2.67	V	44.87	68.20	23.33	AV
21015	46.31	0.00	7.13	V	53.44	73.98	20.54	PK
21015	34.90	0.16	7.13	V	42.19	53.98	11.79	AV
14010	56.44	0.00	-2.67	H	53.77	88.20	34.43	PK
14010	47.25	0.16	-2.67	H	44.74	68.20	23.46	AV
21015	46.32	0.00	7.13	H	53.45	73.98	20.53	PK
21015	34.82	0.16	7.13	H	42.11	53.98	11.87	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE40 MCS0 26T RU9			
CH.227	7085 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
14170	57.65	0.00	-2.68	V	54.97	88.20	33.23	PK
14170	49.01	0.16	-2.68	V	46.49	68.20	21.71	AV
21255	46.46	0.00	6.36	V	52.82	73.98	21.16	PK
21255	34.99	0.16	6.36	V	41.51	53.98	12.47	AV
14170	57.16	0.00	-2.68	H	54.48	88.20	33.72	PK
14170	48.65	0.16	-2.68	H	46.13	68.20	22.07	AV
21255	46.10	0.00	6.36	H	52.46	73.98	21.52	PK
21255	34.88	0.16	6.36	H	41.40	53.98	12.58	AV

Band :	UNII 5			Operation Mode :	802.11ax_HE80 MCS0 996T RU67			
CH.7	5985 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11970	55.25	0.00	-3.68	V	51.57	73.98	22.41	PK
11970	47.49	0.17	-3.68	V	43.98	53.98	10.00	AV
17955	56.27	0.00	-4.59	V	51.68	73.98	22.30	PK
17955	43.86	0.17	-4.59	V	39.44	53.98	14.54	AV
11970	56.03	0.00	-3.68	H	52.35	73.98	21.63	PK
11970	48.09	0.17	-3.68	H	44.58	53.98	9.40	AV
17955	56.66	0.00	-4.59	H	52.07	73.98	21.91	PK
17955	44.04	0.17	-4.59	H	39.62	53.98	14.36	AV

Band :	UNII 5			Operation Mode :	802.11ax_HE80 MCS0 996T RU67			
CH.39	6145 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12290	55.61	0.00	-3.92	V	51.69	73.98	22.29	PK
12290	47.94	0.17	-3.92	V	44.19	53.98	9.79	AV
18435	52.21	0.00	0.37	V	52.58	73.98	21.40	PK
18435	40.12	0.17	0.37	V	40.66	53.98	13.32	AV
12290	56.97	0.00	-3.92	H	53.05	73.98	20.93	PK
12290	48.81	0.17	-3.92	H	45.06	53.98	8.92	AV
18435	52.29	0.00	0.37	H	52.66	73.98	21.32	PK
18435	40.23	0.17	0.37	H	40.77	53.98	13.21	AV

Band :	UNII 5			Operation Mode :	802.11ax_HE80 MCS0 996T RU67			
CH.87	6385 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12770	55.02	0.00	-3.69	V	51.33	88.20	36.87	PK
12770	46.25	0.17	-3.69	V	42.72	68.20	25.48	AV
19155	51.91	0.00	1.23	V	53.14	73.98	20.84	PK
19155	40.02	0.17	1.23	V	41.42	53.98	12.56	AV
12770	55.74	0.00	-3.69	H	52.05	88.20	36.15	PK
12770	47.56	0.17	-3.69	H	44.03	68.20	24.17	AV
19155	52.04	0.00	1.23	H	53.27	73.98	20.71	PK
19155	39.82	0.17	1.23	H	41.22	53.98	12.76	AV

Band :	UNII 6			Operation Mode :	802.11ax_HE80 MCS0 996T RU67			
CH.103	6465 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12930	56.22	0.00	-3.91	V	52.31	88.20	35.89	PK
12930	46.27	0.17	-3.91	V	42.53	68.20	25.67	AV
19395	49.98	0.00	3.35	V	53.33	73.98	20.65	PK
19395	38.50	0.17	3.35	V	42.02	53.98	11.96	AV
12930	56.59	0.00	-3.91	H	52.68	88.20	35.52	PK
12930	46.94	0.17	-3.91	H	43.20	68.20	25.00	AV
19395	50.16	0.00	3.35	H	53.51	73.98	20.47	PK
19395	38.36	0.17	3.35	H	41.88	53.98	12.10	AV

Band :	UNII 6			Operation Mode :	802.11ax_HE80 MCS0 996T RU67			
CH.119	6545 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13090	56.21	0.00	-3.76	V	52.45	88.20	35.75	PK
13090	46.52	0.17	-3.76	V	42.93	68.20	25.27	AV
19635	49.67	0.00	4.97	V	54.64	73.98	19.34	PK
19635	37.60	0.17	4.97	V	42.74	53.98	11.24	AV
13090	56.59	0.00	-3.76	H	52.83	88.20	35.37	PK
13090	47.16	0.17	-3.76	H	43.57	68.20	24.63	AV
19635	49.95	0.00	4.97	H	54.92	73.98	19.06	PK
19635	37.74	0.17	4.97	H	42.88	53.98	11.10	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE80 MCS0 996T RU67			
CH.135	6625 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13250	55.02	0.00	-3.36	V	51.66	73.98	22.32	PK
13250	46.43	0.17	-3.36	V	43.24	53.98	10.74	AV
19875	46.74	0.00	6.15	V	52.89	73.98	21.09	PK
19875	34.62	0.17	6.15	V	40.94	53.98	13.04	AV
13250	55.98	0.00	-3.36	H	52.62	73.98	21.36	PK
13250	47.20	0.17	-3.36	H	44.01	53.98	9.97	AV
19875	46.77	0.00	6.15	H	52.92	73.98	21.06	PK
19875	34.71	0.17	6.15	H	41.03	53.98	12.95	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE80 MCS0 996T RU67			
CH.151	6705 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13410	54.76	0.00	-3.00	V	51.76	88.20	36.44	PK
13410	45.58	0.17	-3.00	V	42.74	68.20	25.46	AV
20115	46.31	0.00	6.94	V	53.25	73.98	20.73	PK
20115	34.82	0.17	6.94	V	41.93	53.98	12.05	AV
13410	55.90	0.00	-3.00	H	52.90	88.20	35.30	PK
13410	46.04	0.17	-3.00	H	43.20	68.20	25.00	AV
20115	45.54	0.00	6.94	H	52.48	73.98	21.50	PK
20115	34.72	0.17	6.94	H	41.83	53.98	12.15	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE80 MCS0 996T RU67			
CH.167	6785 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13570	56.72	0.00	-3.26	V	53.46	88.20	34.74	PK
13570	46.05	0.17	-3.26	V	42.95	68.20	25.25	AV
20355	46.57	0.00	7.74	V	54.31	73.98	19.67	PK
20355	34.03	0.17	7.74	V	41.94	53.98	12.04	AV
13570	57.22	0.00	-3.26	H	53.96	88.20	34.24	PK
13570	46.61	0.17	-3.26	H	43.51	68.20	24.69	AV
20355	46.56	0.00	7.74	H	54.30	73.98	19.68	PK
20355	34.06	0.17	7.74	H	41.97	53.98	12.01	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE80 MCS0 996T RU67			
CH.183	6865 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13730	57.69	0.00	-3.33	V	54.36	88.20	33.84	PK
13730	46.82	0.17	-3.33	V	43.65	68.20	24.55	AV
20595	46.21	0.00	7.76	V	53.97	73.98	20.01	PK
20595	33.89	0.17	7.76	V	41.82	53.98	12.16	AV
13730	57.98	0.00	-3.33	H	54.65	88.20	33.55	PK
13730	46.96	0.17	-3.33	H	43.79	68.20	24.41	AV
20595	45.91	0.00	7.76	H	53.67	73.98	20.31	PK
20595	33.90	0.17	7.76	H	41.83	53.98	12.15	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE80 MCS0 996T RU67			
CH.199	6945 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13890	56.49	0.00	-3.03	V	53.46	88.20	34.74	PK
13890	45.62	0.17	-3.03	V	42.76	68.20	25.44	AV
20835	47.03	0.00	7.61	V	54.64	73.98	19.34	PK
20835	35.14	0.17	7.61	V	42.92	53.98	11.06	AV
13890	56.27	0.00	-3.03	H	53.24	88.20	34.96	PK
13890	45.21	0.17	-3.03	H	42.35	68.20	25.85	AV
20835	46.95	0.00	7.61	H	54.56	73.98	19.42	PK
20835	35.12	0.17	7.61	H	42.90	53.98	11.08	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE80 MCS0 996T RU67			
CH.215	7025 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
14050	57.10	0.00	-2.64	V	54.46	88.20	33.74	PK
14050	46.90	0.17	-2.64	V	44.43	68.20	23.77	AV
21075	46.78	0.00	6.92	V	53.70	73.98	20.28	PK
21075	35.01	0.17	6.92	V	42.10	53.98	11.88	AV
14050	56.73	0.00	-2.64	H	54.09	88.20	34.11	PK
14050	46.66	0.17	-2.64	H	44.19	68.20	24.01	AV
21075	46.00	0.00	6.92	H	52.92	73.98	21.06	PK
21075	35.01	0.17	6.92	H	42.10	53.98	11.88	AV

Band :	UNII 5			Operation Mode :	802.11ax_HE80 MCS0 26T RU19			
CH.7	5985 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11970	55.75	0.00	-3.68	V	52.07	73.98	21.91	PK
11970	47.63	0.17	-3.68	V	44.12	53.98	9.86	AV
17955	55.37	0.00	-4.59	V	50.78	73.98	23.20	PK
17955	43.98	0.17	-4.59	V	39.56	53.98	14.42	AV
11970	56.02	0.00	-3.68	H	52.34	73.98	21.64	PK
11970	48.10	0.17	-3.68	H	44.59	53.98	9.39	AV
17955	55.40	0.00	-4.59	H	50.81	73.98	23.17	PK
17955	44.05	0.17	-4.59	H	39.63	53.98	14.35	AV

Band :	UNII 5			Operation Mode :	802.11ax_HE80 MCS0 26T RU19			
CH.39	6145 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12290	56.50	0.00	-3.92	V	52.58	73.98	21.40	PK
12290	48.12	0.17	-3.92	V	44.37	53.98	9.61	AV
18435	52.10	0.00	0.37	V	52.47	73.98	21.51	PK
18435	40.51	0.17	0.37	V	41.05	53.98	12.93	AV
12290	56.96	0.00	-3.92	H	53.04	73.98	20.94	PK
12290	48.90	0.17	-3.92	H	45.15	53.98	8.83	AV
18435	52.19	0.00	0.37	H	52.56	73.98	21.42	PK
18435	40.45	0.17	0.37	H	40.99	53.98	12.99	AV

Band :	UNII 5			Operation Mode :	802.11ax_HE80 MCS0 26T RU19			
CH.87	6385 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12770	54.69	0.00	-3.69	V	51.00	88.20	37.20	PK
12770	47.25	0.17	-3.69	V	43.72	68.20	24.48	AV
19155	52.27	0.00	1.23	V	53.50	73.98	20.48	PK
19155	40.95	0.17	1.23	V	42.35	53.98	11.63	AV
12770	55.51	0.00	-3.69	H	51.82	88.20	36.38	PK
12770	47.75	0.17	-3.69	H	44.22	68.20	23.98	AV
19155	52.32	0.00	1.23	H	53.55	73.98	20.43	PK
19155	40.94	0.17	1.23	H	42.34	53.98	11.64	AV

Band :	UNII 6			Operation Mode :	802.11ax_HE80 MCS0 26T RU19			
CH.103	6465 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12930	55.10	0.00	-3.91	V	51.19	88.20	37.01	PK
12930	46.01	0.17	-3.91	V	42.27	68.20	25.93	AV
19395	49.94	0.00	3.35	V	53.29	73.98	20.69	PK
19395	38.85	0.17	3.35	V	42.37	53.98	11.61	AV
12930	55.45	0.00	-3.91	H	51.54	88.20	36.66	PK
12930	46.87	0.17	-3.91	H	43.13	68.20	25.07	AV
19395	50.42	0.00	3.35	H	53.77	73.98	20.21	PK
19395	38.72	0.17	3.35	H	42.24	53.98	11.74	AV

Band :	UNII 6			Operation Mode :	802.11ax_HE80 MCS0 26T RU19			
CH.119	6545 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13090	55.89	0.00	-3.76	V	52.13	88.20	36.07	PK
13090	47.25	0.17	-3.76	V	43.66	68.20	24.54	AV
19635	49.94	0.00	4.97	V	54.91	73.98	19.07	PK
19635	38.56	0.17	4.97	V	43.70	53.98	10.28	AV
13090	56.08	0.00	-3.76	H	52.32	88.20	35.88	PK
13090	47.36	0.17	-3.76	H	43.77	68.20	24.43	AV
19635	49.76	0.00	4.97	H	54.73	73.98	19.25	PK
19635	38.45	0.17	4.97	H	43.59	53.98	10.39	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE80 MCS0 26T RU19			
CH.135	6625 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13250	54.69	0.00	-3.36	V	51.33	73.98	22.65	PK
13250	46.21	0.17	-3.36	V	43.02	53.98	10.96	AV
19875	46.78	0.00	6.15	V	52.93	73.98	21.05	PK
19875	35.73	0.17	6.15	V	42.05	53.98	11.93	AV
13250	55.56	0.00	-3.36	H	52.20	73.98	21.78	PK
13250	47.30	0.17	-3.36	H	44.11	53.98	9.87	AV
19875	47.11	0.00	6.15	H	53.26	73.98	20.72	PK
19875	35.62	0.17	6.15	H	41.94	53.98	12.04	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE80 MCS0 26T RU19			
CH.151	6705 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13410	55.20	0.00	-3.00	V	52.20	88.20	36.00	PK
13410	45.45	0.17	-3.00	V	42.61	68.20	25.59	AV
20115	46.25	0.00	6.94	V	53.19	73.98	20.79	PK
20115	34.98	0.17	6.94	V	42.09	53.98	11.89	AV
13410	55.81	0.00	-3.00	H	52.81	88.20	35.39	PK
13410	46.02	0.17	-3.00	H	43.18	68.20	25.02	AV
20115	45.96	0.00	6.94	H	52.90	73.98	21.08	PK
20115	34.86	0.17	6.94	H	41.97	53.98	12.01	AV

Band :	UNII 7			Operation Mode :	802.11ax_HE80 MCS0 26T RU19			
CH.167	6785 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13570	56.14	0.00	-3.26	V	52.88	88.20	35.32	PK
13570	46.50	0.17	-3.26	V	43.40	68.20	24.80	AV
20355	46.54	0.00	7.74	V	54.28	73.98	19.70	PK
20355	35.25	0.17	7.74	V	43.16	53.98	10.82	AV
13570	56.65	0.00	-3.26	H	53.39	88.20	34.81	PK
13570	46.77	0.17	-3.26	H	43.67	68.20	24.53	AV
20355	46.42	0.00	7.74	H	54.16	73.98	19.82	PK
20355	35.22	0.17	7.74	H	43.13	53.98	10.85	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE80 MCS0 26T RU19			
CH.183	6865 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13730	56.32	0.00	-3.33	V	52.99	88.20	35.21	PK
13730	46.51	0.17	-3.33	V	43.34	68.20	24.86	AV
20595	45.27	0.00	7.76	V	53.03	73.98	20.95	PK
20595	34.22	0.17	7.76	V	42.15	53.98	11.83	AV
13730	56.62	0.00	-3.33	H	53.29	88.20	34.91	PK
13730	46.88	0.17	-3.33	H	43.71	68.20	24.49	AV
20595	45.36	0.00	7.76	H	53.12	73.98	20.86	PK
20595	33.94	0.17	7.76	H	41.87	53.98	12.11	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE80 MCS0 26T RU19			
CH.199	6945 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13890	55.78	0.00	-3.03	V	52.75	88.20	35.45	PK
13890	46.04	0.17	-3.03	V	43.18	68.20	25.02	AV
20835	47.50	0.00	7.61	V	55.11	73.98	18.87	PK
20835	35.47	0.17	7.61	V	43.25	53.98	10.73	AV
13890	55.24	0.00	-3.03	H	52.21	88.20	35.99	PK
13890	45.73	0.17	-3.03	H	42.87	68.20	25.33	AV
20835	48.04	0.00	7.61	H	55.65	73.98	18.33	PK
20835	35.35	0.17	7.61	H	43.13	53.98	10.85	AV

Band :	UNII 8			Operation Mode :	802.11ax_HE80 MCS0 26T RU19			
CH.215	7025 MHz			Transfer Rate :	MCS0			
Frequency [MHz]	Measured value [dBµV]	D.C.F [dB]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
14050	56.85	0.00	-2.64	V	54.21	88.20	33.99	PK
14050	46.92	0.17	-2.64	V	44.45	68.20	23.75	AV
21075	46.75	0.00	6.92	V	53.67	73.98	20.31	PK
21075	35.03	0.17	6.92	V	42.12	53.98	11.86	AV
14050	56.77	0.00	-2.64	H	54.13	88.20	34.07	PK
14050	46.57	0.17	-2.64	H	44.10	68.20	24.10	AV
21075	47.05	0.00	6.92	H	53.97	73.98	20.01	PK
21075	34.92	0.17	6.92	H	42.01	53.98	11.97	AV

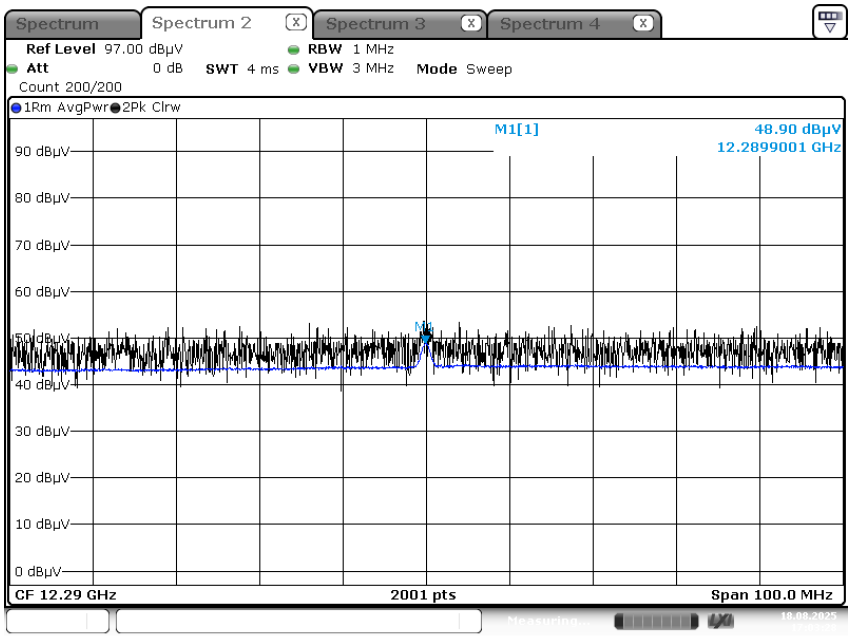
▣ Test Plots

[MIMO_CDD(Ant1+Ant2)]

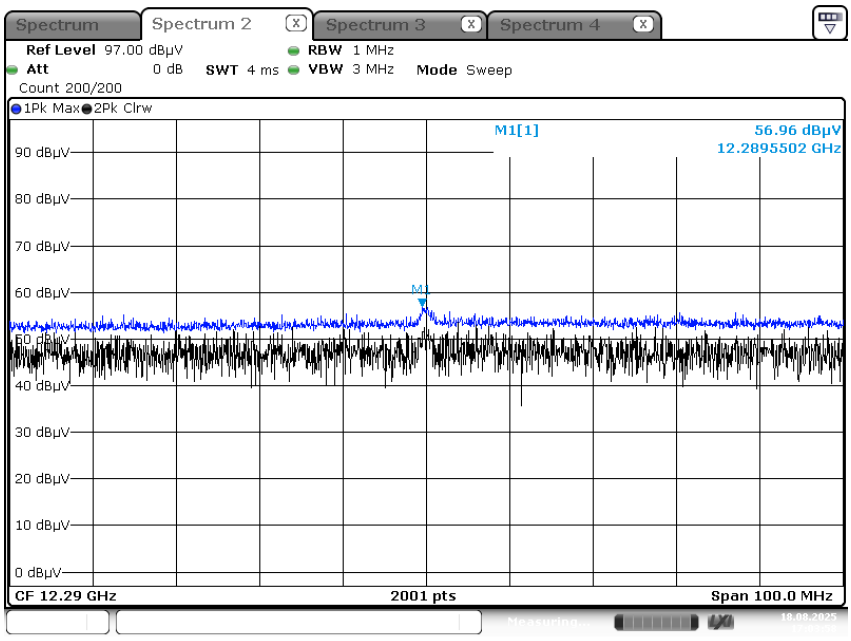
Note: Only the worst case plots for Radiated Spurious Emissions.

[Indoor Client]

Average result (802.11ax(HE80), Ch.39 2nd Harmonic, Y-H, 26 Tones RU19)



Peak result (802.11ax(HE80), Ch.39 2nd Harmonic, Y-H, 26 Tones RU19)



10.10 RADIATED RESTRICTED BAND EDGE

Note: # integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

10.13.1 Indoor Client

[MIMO_CDD(Ant1+Ant2)]

Operation Mode :	802.11a_20	Tone & RU Index :	N/A		Transfer Rate :		6M
Channel No. :	1	Frequency :	5955 MHz			Band :	UNII-5
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	46.69	0.00	H	46.69	73.98	27.29	PK
5350 - 5460	35.79	0.68	H	36.47	53.98	17.51	AV
5460 - 5925	49.64	0.00	H	49.64	88.23	38.59	PK
5460 - 5925	38.64	0.68	H	39.32	68.23	28.91	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	SU		MCS index :		MCS0
Channel No. :	1	Frequency :	5955 MHz			Band :	UNII-5
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	48.18	0.00	H	48.18	73.98	25.80	PK
5350 - 5460	36.63	0.88	H	37.51	53.98	16.47	AV
5460 - 5925	51.10	0.00	H	51.10	88.23	37.13	PK
5460 - 5925	39.21	0.88	H	40.09	68.23	28.14	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	242T & 61		MCS index :		MCS0
Channel No. :	1	Frequency :	5955 MHz			Band :	UNII-5
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.66	0.00	H	47.66	73.98	26.32	PK
5350 - 5460	36.59	0.16	H	36.75	53.98	17.23	AV
5460 - 5925	50.87	0.00	H	50.87	88.23	37.36	PK
5460 - 5925	40.47	0.16	H	40.63	68.23	27.60	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	106T & 53			MCS index :	MCS0
Channel No. :	1	Frequency :	5955 MHz			Band :	UNII-5
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.86	0.00	H	47.86	73.98	26.12	PK
5350 - 5460	36.61	0.14	H	36.75	53.98	17.23	AV
5460 - 5925	49.44	0.00	H	49.44	88.23	38.79	PK
5460 - 5925	38.05	0.14	H	38.19	68.23	30.04	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	52T & 37			MCS index :	MCS0
Channel No. :	1	Frequency :	5955 MHz			Band :	UNII-5
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.34	0.00	H	47.34	73.98	26.64	PK
5350 - 5460	36.59	0.13	H	36.71	53.98	17.27	AV
5460 - 5925	49.36	0.00	H	49.36	88.23	38.87	PK
5460 - 5925	38.00	0.13	H	38.13	68.23	30.10	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	26T & 0			MCS index :	MCS0
Channel No. :	1	Frequency :	5955 MHz			Band :	UNII-5
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.83	0.00	H	47.83	73.98	26.15	PK
5350 - 5460	36.66	0.12	H	36.78	53.98	17.20	AV
5460 - 5925	48.85	0.00	H	48.85	88.23	39.38	PK
5460 - 5925	37.96	0.12	H	38.08	68.23	30.15	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	SU			MCS index :	MCS0
Channel No. :	3	Frequency :	5965 MHz			Band :	UNII-5
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.66	0.00	H	47.66	73.98	26.32	PK
5350 - 5460	36.64	1.56	H	38.19	53.98	15.79	AV
5460 - 5925	52.34	0.00	H	52.34	88.23	35.89	PK
5460 - 5925	41.36	1.56	H	42.92	68.23	25.31	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	484T & 65			MCS index :	MCS0
Channel No. :	3	Frequency :	5965 MHz			Band :	UNII-5
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.89	0.00	H	47.89	73.98	26.09	PK
5350 - 5460	36.69	0.16	H	36.85	53.98	17.13	AV
5460 - 5925	52.17	0.00	H	52.17	88.23	36.06	PK
5460 - 5925	41.33	0.16	H	41.49	68.23	26.74	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	242T & 61			MCS index :	MCS0
Channel No. :	3	Frequency :	5965 MHz			Band :	UNII-5
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.99	0.00	H	47.99	73.98	25.99	PK
5350 - 5460	36.89	0.18	H	37.07	53.98	16.91	AV
5460 - 5925	48.70	0.00	H	48.70	88.23	39.53	PK
5460 - 5925	38.01	0.18	H	38.18	68.23	30.05	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	106T & 53			MCS index :	MCS0
Channel No. :	3	Frequency :	5965 MHz			Band :	UNII-5
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.32	0.00	H	47.32	73.98	26.66	PK
5350 - 5460	36.50	0.15	H	36.66	53.98	17.32	AV
5460 - 5925	48.86	0.00	H	48.86	88.23	39.37	PK
5460 - 5925	37.95	0.15	H	38.11	68.23	30.12	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	52T & 37			MCS index :	MCS0
Channel No. :	3	Frequency :	5965 MHz			Band :	UNII-5
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.70	0.00	H	47.70	73.98	26.28	PK
5350 - 5460	36.48	0.13	H	36.60	53.98	17.38	AV
5460 - 5925	48.81	0.00	H	48.81	88.23	39.42	PK
5460 - 5925	38.02	0.13	H	38.15	68.23	30.08	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	26T & 0			MCS index :	MCS0
Channel No. :	3	Frequency :	5965 MHz			Band :	UNII-5
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.67	0.00	H	47.67	73.98	26.31	PK
5350 - 5460	36.68	0.14	H	36.82	53.98	17.16	AV
5460 - 5925	49.07	0.00	H	49.07	88.23	39.16	PK
5460 - 5925	38.01	0.14	H	38.15	68.23	30.08	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	SU			MCS index :	MCS0
Channel No. :	7	Frequency :	5985 MHz			Band :	UNII-5
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.99	0.00	H	47.99	73.98	25.99	PK
5350 - 5460	36.51	2.53	H	39.04	53.98	14.94	AV
5460 - 5925	62.43	0.00	H	62.43	88.23	25.80	PK
5460 - 5925	48.09	2.53	H	50.62	68.23	17.61	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	996T & 67		MCS index :	MCS0
Channel No. :	7	Frequency :	5985 MHz		Band :	UNII-5

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.82	0.00	H	47.82	73.98	26.16	PK
5350 - 5460	36.52	0.17	H	36.69	53.98	17.29	AV
5460 - 5925	63.47	0.00	H	63.47	88.23	24.76	PK
5460 - 5925	47.81	0.17	H	47.98	68.23	20.25	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	484T & 65		MCS index :	MCS0
Channel No. :	7	Frequency :	5985 MHz		Band :	UNII-5

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.59	0.00	H	47.59	73.98	26.39	PK
5350 - 5460	36.51	0.16	H	36.67	53.98	17.31	AV
5460 - 5925	49.92	0.00	H	49.92	88.23	38.31	PK
5460 - 5925	38.05	0.16	H	38.21	68.23	30.02	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	242T & 61		MCS index :	MCS0
Channel No. :	7	Frequency :	5985 MHz		Band :	UNII-5

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.46	0.00	H	47.46	73.98	26.52	PK
5350 - 5460	36.71	0.16	H	36.87	53.98	17.11	AV
5460 - 5925	48.75	0.00	H	48.75	88.23	39.48	PK
5460 - 5925	38.05	0.16	H	38.21	68.23	30.02	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	106T & 53		MCS index :	MCS0
Channel No. :	7	Frequency :	5985 MHz		Band :	UNII-5

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	48.05	0.00	H	48.05	73.98	25.93	PK
5350 - 5460	37.20	0.14	H	37.34	53.98	16.64	AV
5460 - 5925	48.96	0.00	H	48.96	88.23	39.27	PK
5460 - 5925	37.96	0.14	H	38.10	68.23	30.13	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	52T & 37		MCS index :	MCS0
Channel No. :	7	Frequency :	5985 MHz		Band :	UNII-5

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.81	0.00	H	47.81	73.98	26.17	PK
5350 - 5460	36.53	0.14	H	36.67	53.98	17.31	AV
5460 - 5925	49.58	0.00	H	49.58	88.23	38.65	PK
5460 - 5925	37.83	0.14	H	37.97	68.23	30.26	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	26T & 0		MCS index :	MCS0
Channel No. :	7	Frequency :	5985 MHz		Band :	UNII-5

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350 - 5460	47.22	0.00	H	47.22	73.98	26.76	PK
5350 - 5460	36.55	0.15	H	36.70	53.98	17.28	AV
5460 - 5925	48.78	0.00	H	48.78	88.23	39.45	PK
5460 - 5925	37.92	0.15	H	38.07	68.23	30.16	AV

Operation Mode :	802.11a_20	Tone & RU Index :	N/A		Transfer Rate :	6M
Channel No. :	233	Frequency :	7115 MHz		Band :	UNII-8

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7125 - 7250	83.19	0.00	H	83.19	88.23	5.04	PK
#7125 - 7250	63.40	0.68	H	64.07	68.23	4.16	AV
7250 - 7750	52.29	0.00	H	52.29	73.98	21.69	PK
7250 - 7750	40.85	0.68	H	41.52	53.98	12.46	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	SU		MCS index :	MCS0
Channel No. :	233	Frequency :	7115 MHz		Band :	UNII-8

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
#7125 - 7250	74.24	0.00	H	74.24	88.23	13.99	PK
#7125 - 7250	61.63	0.88	H	62.51	68.23	5.72	AV
7250 - 7750	52.13	0.00	H	52.13	73.98	21.85	PK
7250 - 7750	41.21	0.88	H	42.09	53.98	11.89	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	242T & 61		MCS index :	MCS0
Channel No. :	233	Frequency :	7115 MHz		Band :	UNII-8

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
#7125 - 7250	76.43	0.00	H	76.43	88.23	11.80	PK
#7125 - 7250	62.87	0.16	H	63.03	68.23	5.20	AV
7250 - 7750	52.24	0.00	H	52.24	73.98	21.74	PK
7250 - 7750	41.35	0.16	H	41.51	53.98	12.47	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	106T & 54		MCS index :	MCS0
Channel No. :	233	Frequency :	7115 MHz		Band :	UNII-8

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
#7125 - 7250	71.00	0.00	H	71.00	88.23	17.23	PK
#7125 - 7250	58.31	0.14	H	58.45	68.23	9.78	AV
7250 - 7750	52.25	0.00	H	52.25	73.98	21.73	PK
7250 - 7750	41.25	0.14	H	41.39	53.98	12.59	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	52T & 40		MCS index :	MCS0	
Channel No. :	233	Frequency :	7115 MHz		Band :	UNII-8	
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
#7125 - 7250	72.04	0.00	H	72.04	88.23	16.19	PK
#7125 - 7250	59.94	0.13	H	60.07	68.23	8.16	AV
7250 - 7750	52.44	0.00	H	52.44	73.98	21.54	PK
7250 - 7750	41.58	0.13	H	41.70	53.98	12.28	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	26T & 8		MCS index :	MCS0	
Channel No. :	233	Frequency :	7115 MHz		Band :	UNII-8	
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
#7125 - 7250	74.87	0.00	H	74.87	88.23	13.36	PK
#7125 - 7250	62.62	0.12	H	62.74	68.23	5.49	AV
7250 - 7750	52.82	0.00	H	52.82	73.98	21.16	PK
7250 - 7750	41.41	0.12	H	41.53	53.98	12.45	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	SU		MCS index :	MCS0	
Channel No. :	227	Frequency :	7085 MHz		Band :	UNII-8	
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7125 - 7250	53.59	0.00	H	53.59	88.23	34.64	PK
7125 - 7250	43.14	1.56	H	44.70	68.23	23.53	AV
7250 - 7750	52.05	0.00	H	52.05	73.98	21.93	PK
7250 - 7750	41.41	1.56	H	42.97	53.98	11.01	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	484T & 65		MCS index :	MCS0	
Channel No. :	227	Frequency :	7085 MHz		Band :	UNII-8	
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7125 - 7250	53.56	0.00	H	53.56	88.23	34.67	PK
7125 - 7250	43.04	0.16	H	43.20	68.23	25.03	AV
7250 - 7750	52.29	0.00	H	52.29	73.98	21.69	PK
7250 - 7750	41.20	0.16	H	41.36	53.98	12.62	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	242T & 62		MCS index :	MCS0	
Channel No. :	227	Frequency :	7085 MHz		Band :	UNII-8	
Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7125 - 7250	51.17	0.00	H	51.17	88.23	37.06	PK
7125 - 7250	40.67	0.18	H	40.85	68.23	27.38	AV
7250 - 7750	53.02	0.00	H	53.02	73.98	20.96	PK
7250 - 7750	41.22	0.18	H	41.40	53.98	12.58	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	106T & 56		MCS index :	MCS0
Channel No. :	227	Frequency :	7085 MHz		Band :	UNII-8

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7125 - 7250	51.71	0.00	H	51.71	88.23	36.52	PK
7125 - 7250	40.63	0.15	H	40.79	68.23	27.44	AV
7250 - 7750	52.54	0.00	H	52.54	73.98	21.44	PK
7250 - 7750	41.18	0.15	H	41.34	53.98	12.64	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	52T & 44		MCS index :	MCS0
Channel No. :	227	Frequency :	7085 MHz		Band :	UNII-8

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7125 - 7250	51.84	0.00	H	51.84	88.23	36.39	PK
7125 - 7250	40.75	0.13	H	40.88	68.23	27.35	AV
7250 - 7750	52.55	0.00	H	52.55	73.98	21.43	PK
7250 - 7750	41.30	0.13	H	41.43	53.98	12.55	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	26T & 17		MCS index :	MCS0
Channel No. :	227	Frequency :	7085 MHz		Band :	UNII-8

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7125 - 7250	51.55	0.00	H	51.55	88.23	36.68	PK
7125 - 7250	40.60	0.14	H	40.74	68.23	27.49	AV
7250 - 7750	52.62	0.00	H	52.62	73.98	21.36	PK
7250 - 7750	41.15	0.14	H	41.30	53.98	12.68	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	SU		MCS index :	MCS0
Channel No. :	215	Frequency :	7025 MHz		Band :	UNII-8

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7125 - 7250	53.63	0.00	H	53.63	88.23	34.60	PK
7125 - 7250	42.76	2.53	H	45.29	68.23	22.94	AV
7250 - 7750	52.30	0.00	H	52.30	73.98	21.68	PK
7250 - 7750	41.08	2.53	H	43.61	53.98	10.37	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	996T & 67		MCS index :	MCS0
Channel No. :	215	Frequency :	7025 MHz		Band :	UNII-8

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7125 - 7250	53.46	0.00	H	53.46	88.23	34.77	PK
7125 - 7250	42.66	0.17	H	42.83	68.23	25.40	AV
7250 - 7750	52.31	0.00	H	52.31	73.98	21.67	PK
7250 - 7750	41.32	0.17	H	41.48	53.98	12.50	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	484T & 66		MCS index :	MCS0
Channel No. :	215	Frequency :	7025 MHz		Band :	UNII-8

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7125 - 7250	51.72	0.00	H	51.72	88.23	36.51	PK
7125 - 7250	40.63	0.16	H	40.79	68.23	27.44	AV
7250 - 7750	52.47	0.00	H	52.47	73.98	21.51	PK
7250 - 7750	41.21	0.16	H	41.37	53.98	12.61	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	242T & 64		MCS index :	MCS0
Channel No. :	215	Frequency :	7025 MHz		Band :	UNII-8

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7125 - 7250	51.76	0.00	H	51.76	88.23	36.47	PK
7125 - 7250	40.65	0.16	H	40.81	68.23	27.42	AV
7250 - 7750	53.06	0.00	H	53.06	73.98	20.92	PK
7250 - 7750	41.29	0.16	H	41.45	53.98	12.53	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	106T & 60		MCS index :	MCS0
Channel No. :	215	Frequency :	7025 MHz		Band :	UNII-8

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7125 - 7250	51.56	0.00	H	51.56	88.23	36.67	PK
7125 - 7250	40.58	0.14	H	40.72	68.23	27.51	AV
7250 - 7750	52.41	0.00	H	52.41	73.98	21.57	PK
7250 - 7750	41.43	0.14	H	41.56	53.98	12.42	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	52T & 52		MCS index :	MCS0
Channel No. :	215	Frequency :	7025 MHz		Band :	UNII-8

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7125 - 7250	51.17	0.00	H	51.17	88.23	37.06	PK
7125 - 7250	40.60	0.14	H	40.74	68.23	27.49	AV
7250 - 7750	52.23	0.00	H	52.23	73.98	21.75	PK
7250 - 7750	41.20	0.14	H	41.34	53.98	12.64	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	26T & 36		MCS index :	MCS0
Channel No. :	215	Frequency :	7025 MHz		Band :	UNII-8

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7125 - 7250	51.20	0.00	H	51.20	88.23	37.03	PK
7125 - 7250	40.72	0.15	H	40.87	68.23	27.36	AV
7250 - 7750	52.38	0.00	H	52.38	73.98	21.60	PK
7250 - 7750	41.17	0.15	H	41.31	53.98	12.67	AV

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.

▣ Test Plots

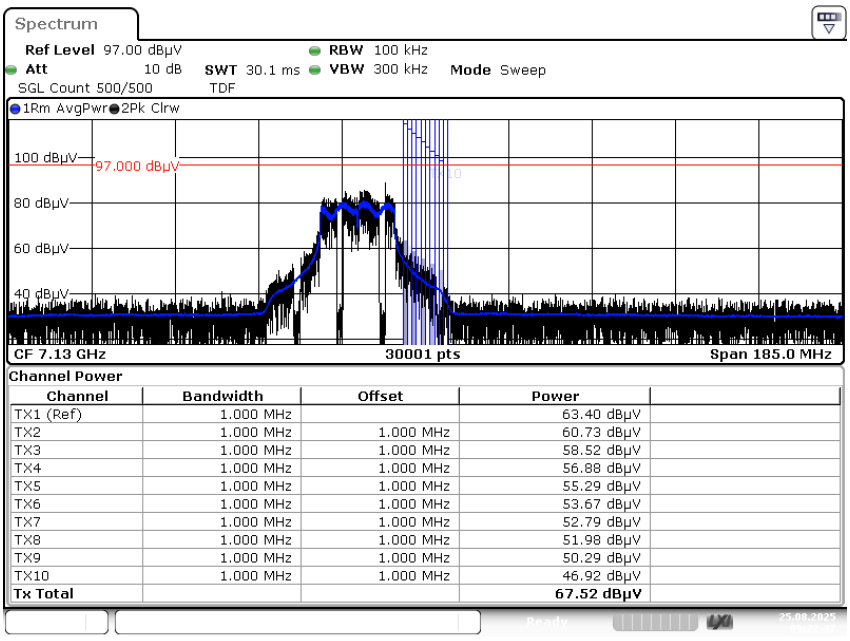
Note: Only the worst case plots for Radiated Restricted Band Edge.

[MIMO_CDD(Ant1+Ant2)]

[Indoor Client]

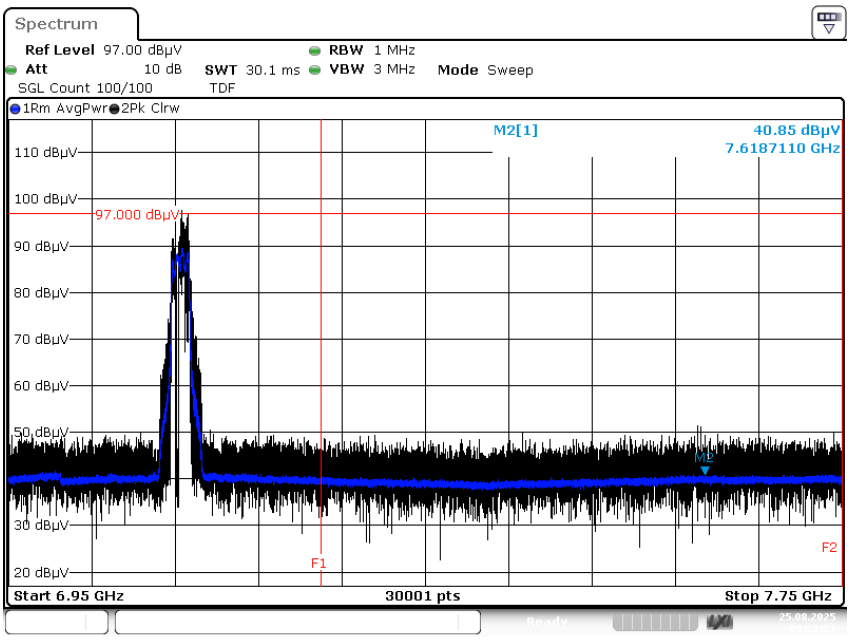
Average result (802.11a, Ch.233) – X-H

(Integration method Used)



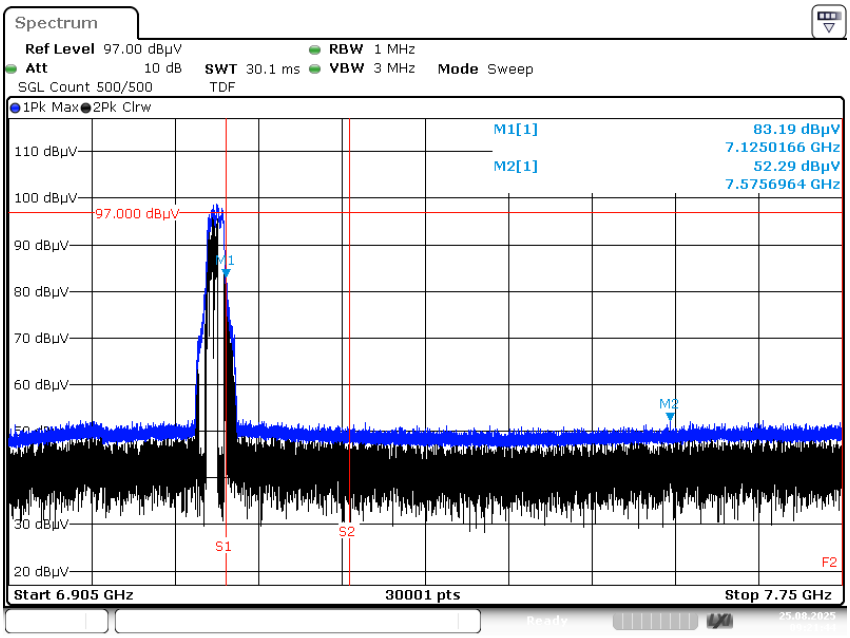
Date: 25.AUG.2025 09:22:37

Average result (802.11a, Ch.233) – X-H



Date: 25.AUG.2025 09:22:57

Peak result (802.11a, Ch.233) – X-H



Date: 25.AUG.2025 09:21:44

10.11 POWERLINE CONDUCTED EMISSIONS

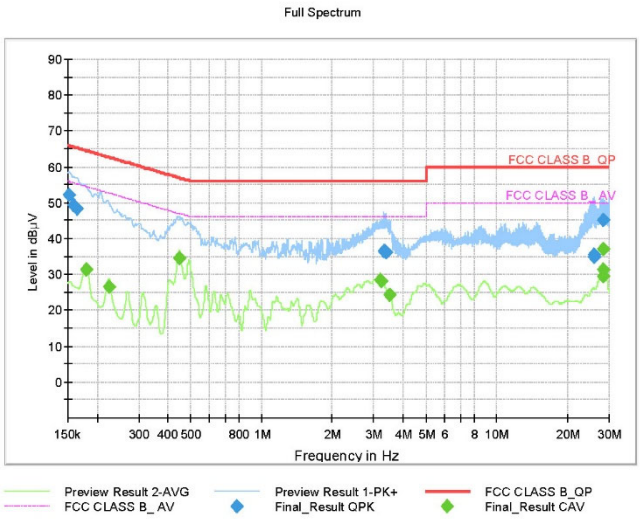
Conducted Emissions

Test 1 / 1

Test Report

Common Information

EUT : LGSWNAX61
Operating Conditions : 6G WLAN Mode
Comment :



Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.1523	52.22	65.88	13.66	9.000	L1	9.6
0.1590	49.32	65.52	16.19	9.000	L1	9.6
0.1635	48.32	65.28	16.96	9.000	L1	9.6
3.2990	36.45	56.00	19.55	9.000	N	9.7
3.3598	36.44	56.00	19.56	9.000	N	9.7
3.3710	36.28	56.00	19.72	9.000	N	9.7
25.8283	35.35	60.00	24.65	9.000	L1	10.0
25.9565	35.00	60.00	25.00	9.000	L1	10.0
28.4405	45.27	60.00	14.73	9.000	L1	10.0

Final_Result_CAV

Frequency (MHz)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.1793	31.48	54.52	23.04	9.000	N	9.6
0.2243	26.48	52.66	26.18	9.000	N	9.6
0.4470	34.43	46.93	12.50	9.000	N	9.6
3.1933	28.57	46.00	17.43	9.000	N	9.7
3.2450	28.15	46.00	17.85	9.000	N	9.7
3.5038	24.21	46.00	21.79	9.000	N	9.7
28.2448	29.45	50.00	20.55	9.000	L1	10.0
28.3123	31.23	50.00	18.77	9.000	L1	10.0
28.4428	37.01	50.00	12.99	9.000	L1	10.0

2025-08-15 오전 11:09:36

11. LIST OF TEST EQUIPMENT

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	93008124	02/11/2026	Annual
Signal Analyzer	N9030B	Keysight	MY56320554	02/03/2026	Annual
Power Measurement Set	OSP 120	Rohde & Schwarz	101231	10/17/2025	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	MY50360067	02/11/2026	Annual
Attenuator(20 dB)	8493C	Agilent	17280	04/10/2026	Annual
Attenuator(10 dB)(DC-26.5 GHz)	8493C-010	Agilent	08285	05/19/2026	Annual
Software	EMC32	Rohde & Schwarz	N/A	N/A	N/A
Bluetooth Tester	CBT	Rohde & Schwarz	100808	02/27/2026	Annual
Radio Communication Tester	CMX500	Rohde&Schwarz	100325	10/14/2025	Annual
4 WAY POWER DIVIDER	4456-4	Narda	01640	04/28/2026	Annual
Step Attenuator	8310-202-F	Aeroflex/Weinschel	1070	03/27/2026	Annual
Wireless AP	GT-AXE11000	ASUS	M6IAJF201782 (FCC ID : MSQ-RTAXJF00)	N/A	N/A
Automation Software	FCC WLAN Conducted	HCT CO., LTD	-	-	-

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.

Radiated Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
Controller (Antenna mast & Turn Table)	CO3000	Innco system	CO3000/ 15421/57580623/G	N/A	N/A
Antenna Position Tower	MA4640	Innco system	9320422	04/03/2026	Biennial
Turn Table	N/A	Innco system	5930623	N/A	N/A
Loop Antenna	FMZB 1513	Schwarzbeck	1513-175	01/06/2027	Biennial
Hybrid Antenna	VULB 9168	Schwarzbeck	9168-1135	08/19/2026	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	9120D-1151	07/11/2027	Biennial
Horn Antenna (15 GHz ~ 40 GHz)	BBHA9170	Schwarzbeck	BBHA9170124	03/23/2027	Biennial
Amp & Filter Bank Switch Controller	FBSM-01B	T&M system	TM20090001	N/A	N/A
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
RF Switching System	FMSR-05B (HPF(3~18GHz) + LNA1(1~18GHz))	T&M system	S5L1	03/11/2026	Annual
RF Switching System	FMSR -05B (ATT(10dB) + LNA1(1~18GHz))	T&M system	S5L2	03/11/2026	Annual
RF Switching System	FMSR -05B (ATT(3dB) + LNA1(1~18GHz))	T&M system	S5L3	03/11/2026	Annual
RF Switching System	FMSR -05B (LNA1(1~18GHz))	T&M system	S5L4	03/11/2026	Annual
RF Switching System	FMSR -05B (HPF(7~18GHz) + LNA2(6~18GHz))	T&M system	S5L5	03/11/2026	Annual
RF Switching System	FMSR -05B (Thru(30MHz ~ 18GHz))	T&M system	S5L6	03/11/2026	Annual
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	101510	09/24/2025	Annual
Attenuator(3 dB)	18B-03	Api tech.	1	04/21/2026	Annual
Automation Software	FCC WLAN Radiated	HCT CO., LTD	-	-	-

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)

12. ANNEX A_ TEST SETUP PHOTO

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

No.	Description
1	HCT-RF-2509-FC008-P