

TEST REPORT

FCC UNII ax Test for LGSWCAX71
Certification

APPLICANT
LG Electronics Inc.

REPORT NO.
HCT-RF-2609-FC005-R1

DATE OF ISSUE
September 11, 2026

Tested by
Se Wook Park

(signature)

Technical Manager
Jong Seok Lee

(signature)

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

RF Module

Model Name

LGSWCAX71

FCC ID

2BO3LLGSWCAX71

Date of Test

July 07, 2026 ~ September 04, 2026

FCC Classification

Unlicensed National Information Infrastructure(NII)

Test Standard Used

FCC Rule Part(s): Part 15.407

Test Results

PASS

Location of Test

■ Permanent Testing Lab □ On Site Testing Lab
(Address: 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, Republic of Korea)

Brand

LG

REVISION HISTORY

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

Revision No.	Date of Issue	Description
0	September 04, 2026	Initial Release
1	September 11, 2026	Added RBW adjustment note on Page 17.

Notice

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

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1. GENERAL INFORMATION

EUT DESCRIPTION

Model	LGSWCAX71	
Additional Model	-	
EUT Type	RF Module	
Power Supply	DC 3.30 V	
Modulation Type	OFDM : 802.11ax (HE20/40/80) OFDMA : 802.11ax (HE20/40/80)	
Frequency Range (MHz)	U-NII-1	20 MHz BW : 5180 - 5240 40 MHz BW : 5190 - 5230 80 MHz BW : 5210
	U-NII-2A	20 MHz BW : 5260 - 5320 40 MHz BW : 5270 - 5310 80 MHz BW : 5290
	U-NII-2C	20 MHz BW : 5500 - 5720 40 MHz BW : 5510 - 5710 80 MHz BW : 5530 - 5690
	U-NII-3	20 MHz BW : 5745 - 5825 40 MHz BW : 5755 - 5795 80 MHz BW : 5775
Straddle channel	Supported	
TDWR Band	Supported	
Dynamic Frequency Selection	Slave without radar detection	
Antenna Information	Please refer to the Antenna Specification document.	
Serial number	Conducted : 8C2AC169F090 Radiated : 8C2AC169EFCA	

ANTENNA CONFIGURATIONS

1. Antenna configuration

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

Note:

- (1) O = Support, X = Not Support
- (2) SISO = Single Input Single Output
- (3) SDM = Spatial Diversity Multiplexing
- (4) CDD = Cyclic Delay Diversity

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

Simultaneous transmission Scenario	2.4 GHz WiFi Ant.1	2.4 GHz WiFi Ant.2	5 GHz WiFi Ant.1	5 GHz WiFi Ant.2	6 GHz WiFi Ant.1	6 GHz WiFi Ant.2	Bluetooth	Test Case
Bluetooth + 2.4 GHz WiFi MIMO	on	on	-	-	-	-	on	Scenario 1
Bluetooth + 5 GHz WiFi MIMO	-	-	on	on	-	-	on	Scenario 2
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 + 5 GHz WiFi SISO	-	on	on	-	-	-	on	Scenario 3
Bluetooth + 2.4 GHz WiFi SISO + 6 GHz WiFi SISO	-	on	-	-	on	-	on	-

3. Directional Gain Calculation

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

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

$$\text{Directional gain(SDM)} = G_{\max} + 10 \cdot \text{LOG}(N_{ANT}/N_{SS})$$

Band	Ant Gain (dBi)		N _{ANT} / N _{SS}	Directional Gain (dBi)	
	ANT1	ANT2		CDD	SDM
UNII 1	1.36	0.59	2 / 2	3.99	1.36
UNII 2A	1.63	1.00		4.33	1.63
UNII 2C	1.65	0.66		4.18	1.65
UNII 3	1.78	1.59		4.70	1.78

Note

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

$$\text{Directional gain(CDD)} = 10 \cdot \log \left(\left(\frac{10^{(\text{ANT1 Gain}/20)} + 10^{(\text{ANT2 Gain}/20)} \right)^2 / 2 \right) \text{ dBi}$$

$$\text{Directional gain(SDM)} = G_{\max} + 10 \cdot \text{LOG}(N_{ANT}/N_{SS})$$

Sample Calculation (Conducted Power, MIMO):

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

$$\text{Ant1} + \text{Ant 2} = \text{MIMO}$$

$$(11.58 \text{ dBm} + 12.08 \text{ dBm}) = (14.387 \text{ mW} + 16.143 \text{ mW}) = 30.53 \text{ mW} = 14.88 \text{ dBm}$$

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

$$\text{Conducted Power} = (15.35 \text{ dBm} + 15.12 \text{ dBm}) = (34.276 \text{ mW} + 32.508 \text{ mW}) = 66.784 \text{ mW} = 18.25 \text{ dBm}$$

$$\text{E.I.R.P} = 18.25 \text{ dBm} + 3 \text{ dBi} = 21.25 \text{ dBm}$$

2. MAXIMUM OUTPUT POWER

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

Band	Mode	MIMO_CDD(Ant.1+ Ant.2)					
		Ant.1 Power		Ant.2 Power		(Ant.1 + Ant.2) Power	
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)
UNII1	802.11ax(HE20)	11.67	0.015	12.26	0.017	14.99	0.032
	802.11ax(HE40)	12.02	0.016	11.48	0.014	14.77	0.030
	802.11ax(HE80)	11.77	0.015	11.27	0.013	14.54	0.028
UNII2A	802.11ax(HE20)	11.42	0.014	12.32	0.017	14.90	0.031
	802.11ax(HE40)	11.76	0.015	11.46	0.014	14.62	0.029
	802.11ax(HE80)	11.95	0.016	11.54	0.014	14.76	0.030
UNII2C	802.11ax(HE20)	11.63	0.015	11.98	0.016	14.82	0.030
	802.11ax(HE40)	12.16	0.016	11.73	0.015	14.96	0.031
	802.11ax(HE80)	12.23	0.017	11.69	0.015	14.98	0.031
UNII3	802.11ax(HE20)	12.00	0.016	11.93	0.016	14.97	0.031
	802.11ax(HE40)	12.09	0.016	11.56	0.014	14.85	0.031
	802.11ax(HE80)	12.10	0.016	11.56	0.014	14.85	0.031

3. TEST METHODOLOGY

Unlicensed wireless device were tested using the following measurement procedure.

[1] KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

[2] ANSI C63.10-2020 + Cor. 1-2023

Note : Here in after, ANSI C63.10-2020 + Cor. 1-2023 will be referred to as ANSI C63.10-2020

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 C63.10-2020 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 C63.10-2020.

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 ANSI C63.5-2017.

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. This test facility has completed the evaluation in compliance with the standards and evaluation period required for chamber validity verification. ANSI C63.4-2014 + C63.4a-2017 and ANSI C63.25.1-2018

Detailed description of test facility was submitted to the Commission and accepted dated February 26,2026 (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 ANSI/USEMCSC C63.2-2023, "American National Standard for Specifications of Electromagnetic Interference and Field Strength Measuring Instrumentation in the Frequency Range 9 kHz to 40 GHz".

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.”

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 ($\pm$ kHz)
X dB, 99% Bandwidth	95 (Confidence level about 95 %, $k=2$)
Frequency stability	28 (Confidence level about 95 %, $k=2$)

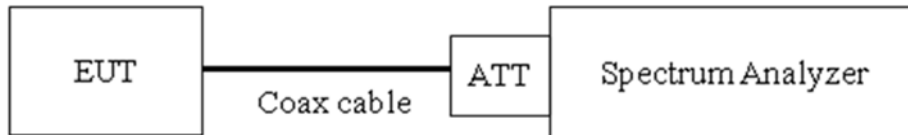
Parameter	Expanded Uncertainty ($\pm$ dB)
Conducted Disturbance (150 kHz ~ 30 MHz)	1.16 (Confidence level about 95 %, $k=2$)
Conducted Output Power(Power Meter)	0.54 (Confidence level about 95 %, $k=2$)
Conducted Output Power(Signal Analyzer)	0.73 (Confidence level about 95 %, $k=2$)
Power Spectral Density	0.98 (Confidence level about 95 %, $k=2$)
Radiated Disturbance (9 kHz ~ 30 MHz)	4.54 (Confidence level about 95 %, $k = 2$)
Radiated Disturbance (30 MHz ~ 1 GHz)	5.74 (Confidence level about 95 %, $k = 2$)
Radiated Disturbance (1 GHz ~ 18 GHz)	5.80 (Confidence level about 95 %, $k = 2$)
Radiated Disturbance (18 GHz ~ 40 GHz)	5.86 (Confidence level about 95 %, $k = 2$)
Radiated Disturbance (Above 40 GHz)	5.44 (Confidence level about 95 %, $k=2$)

8. DESCRIPTION OF TESTS

Test Item	Test Procedure
Duty Cycle	- KDB 789033 D02 – Section B.2
6 dB Bandwidth & 26dB Bandwidth	- KDB 789033 D02 - Section C
Output Power	- KDB 789033 D02 - Section E
Power Spectral Density	- KDB 789033 D02 - Section F
Frequency Stability	- ANSI C63.10-2020 - Section 6.8
AC Power line Conducted Emissions	- ANSI C63.10-2020– Section 6.2
Radiated Test	- KDB 789033 D02 – Section II.G - ANSI C63.10-2020 – Section 6.4 (Below 30 MHz) - ANSI C63.10-2020 – Section 6.5 (30 MHz to 1000 MHz) - ANSI C63.10-2020 – Section 6.6 (1 GHz to 40 GHz) - ANSI C63.10-2020 – Section 6.10 & 12.7 (Unwanted emissions)

8.1. Duty Cycle

Test Configuration



Test Procedure

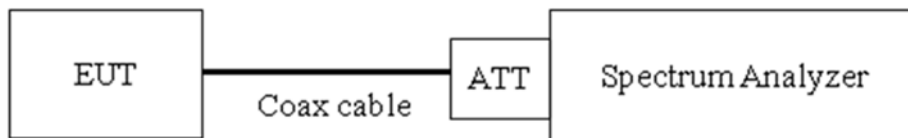
The transmitter output is connected to the Spectrum Analyzer.

The Spectrum Analyzer is set to

1. RBW = 8 MHz (the largest available value)
2. VBW = 8 MHz ($\geq$ 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 = $10\log(1/\text{Duty Cycle})$

8.2. 6 dB Bandwidth & 26 dB Bandwidth**Limit**

Within the 5.725-5.85 GHz(NII-3)band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Test Configuration**Test Procedure (26 dB Bandwidth)**

The transmitter output is connected to the Spectrum Analyzer.

The Spectrum Analyzer is set to

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

Test Procedure (6 dB Bandwidth)

The transmitter output is connected to the Spectrum Analyzer.

The Spectrum Analyzer is set to

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

Note:

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

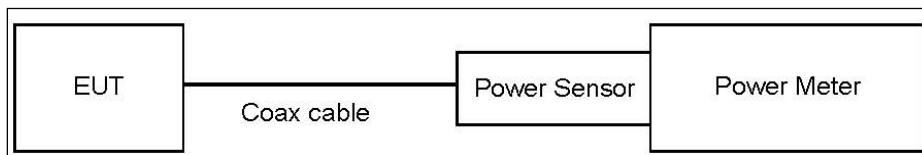
8.3. Output Power Measurement

Limit

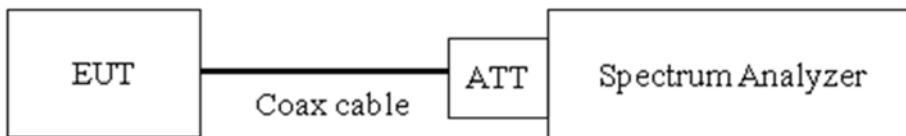
Band	Limit
UNII 1	- Master : Not exceed 1 W(=30 dBm) - Slave : Not exceed 250 mW(=23.98 dBm)
UNII 2A, 2C	Not exceed the lesser of 250 mW or 11 dBm + 10 log B, (where B is the 26 dB emission bandwidth in megahertz.)
UNII 3	Not exceed 1 W(=30 dBm)

Test Configuration

Power Meter



Spectrum Analyzer(Only Straddle Channel)



Test Procedure(Power Meter)

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.

Test Procedure(Spectrum Analyzer)

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

The transmitter output is connected to the Spectrum Analyzer.

The Spectrum Analyzer is set to

1. Measure the duty cycle.
2. Set span to encompass the 26 dB EBW of the signal.
3. RBW = 1 MHz.
4. VBW $\geq$ 3 MHz.
5. Number of points in sweep $\geq 2 \times \text{span/RBW}$.
6. Sweep time = auto.
7. Detector = RMS.
8. Do not use sweep triggering. Allow the sweep to "free run".
9. Trace average at least 100 traces in power averaging(RMS) mode
10. Integrated bandwidth = OBW
11. Add $10\log(1/x)$, 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 Value(dBm) + ATT loss(dB) + Cable loss(dB) + Duty Cycle Factor(dB)

Note

1. Spectrum Measured Values are not plot data.

The power results in plot is already including the actual values of loss for the attenuator and cable combination.

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

Band	Loss(dB)
UNII 1	20.84
UNII 2A	20.84
UNII 2C	20.84
UNII 3	20.84

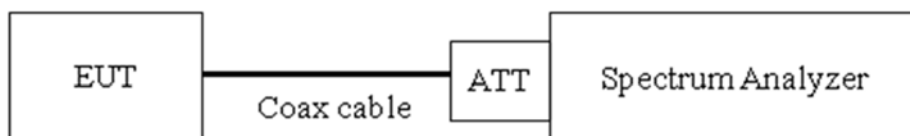
(Actual value of loss for the attenuator and cable combination)

8.4. Power Spectral Density

Limit

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

Test Configuration



Test Procedure

The transmitter output is connected to the Spectrum Analyzer.

The Spectrum Analyzer is set to

1. Set span to encompass the entire emission bandwidth(EBW) of the signal.
2. RBW = 1 MHz(510 kHz for UNII 3)
→ For portion within the NII-3 be used RBW 510kHz
3. VBW $\geq$ 3 MHz
4. Number of points in sweep $\geq$ 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.

Note:

The RBW was automatically adjusted from 500 kHz to 510 kHz by the Spectrum Analyzer. As the 510 kHz measurement resulted in a Worst value, the 510 kHz measurement result is reported.

Sample Calculation

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

Note

1. Spectrum Measured Values are not plot data.

The PSD results in plot is already including the actual values of loss for the attenuator and cable combination.

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

Band	Loss(dB)
UNII 1	20.84
UNII 2A	20.84
UNII 2C	20.84
UNII 3	20.84

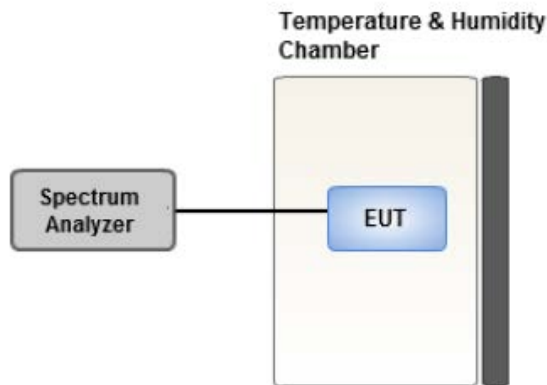
(Actual value of loss for the attenuator and cable combination)

8.5. Frequency Stability

Limit

Maintained within the band

Test Configuration



Test Procedure

1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between -30 °C and 50 °C.
2. The temperature was incremented by 10 °C 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.

8.6. AC Power line Conducted Emissions

Limit

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN).

Frequency Range (MHz)	Limits (dB μ V)	
	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

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

8.7. Radiated Test

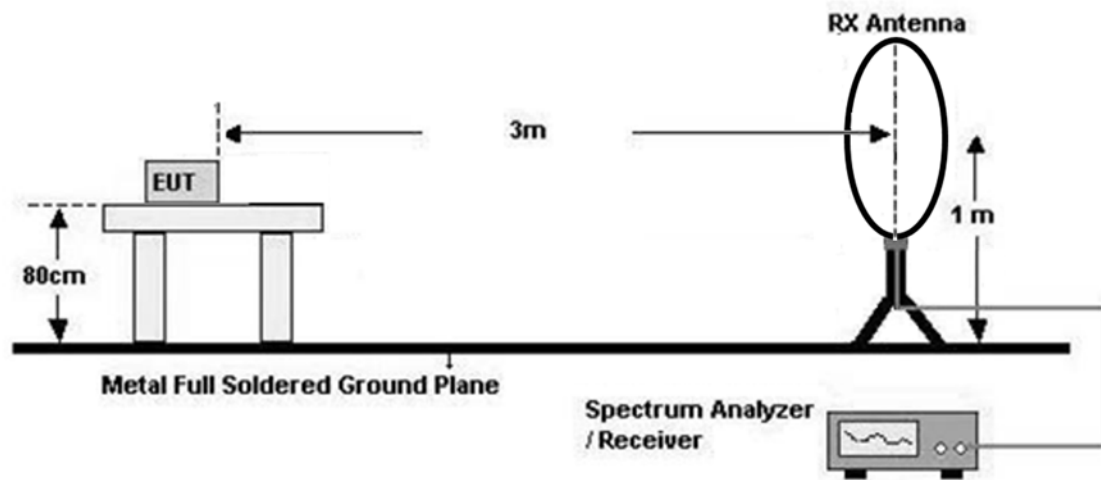
Limit

1. UNII 1 : All emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.
2. UNII 2A : All emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.
3. UNII 2C : All emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.
4. UNII 3: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
4. All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Section 15.209.

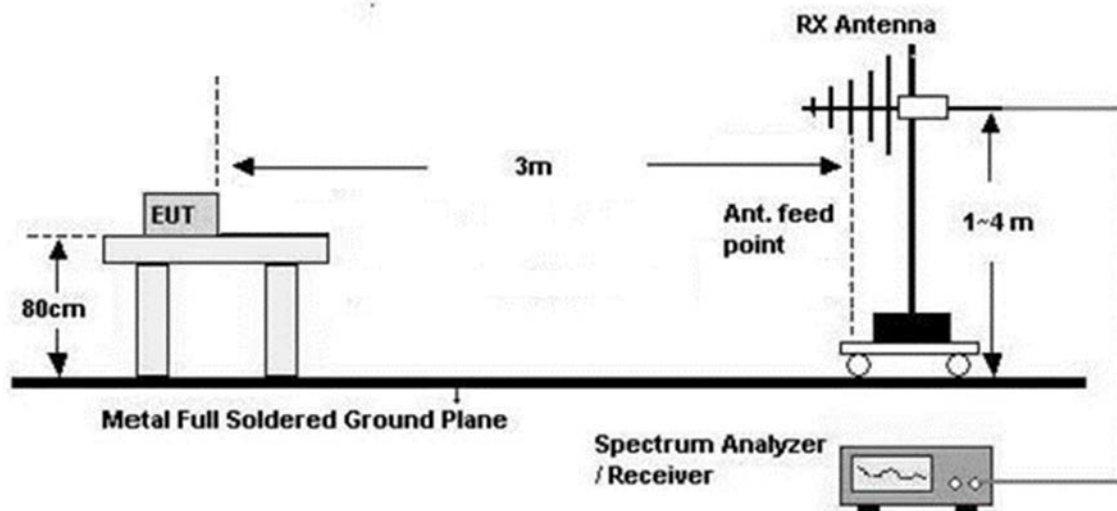
Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Test Configuration

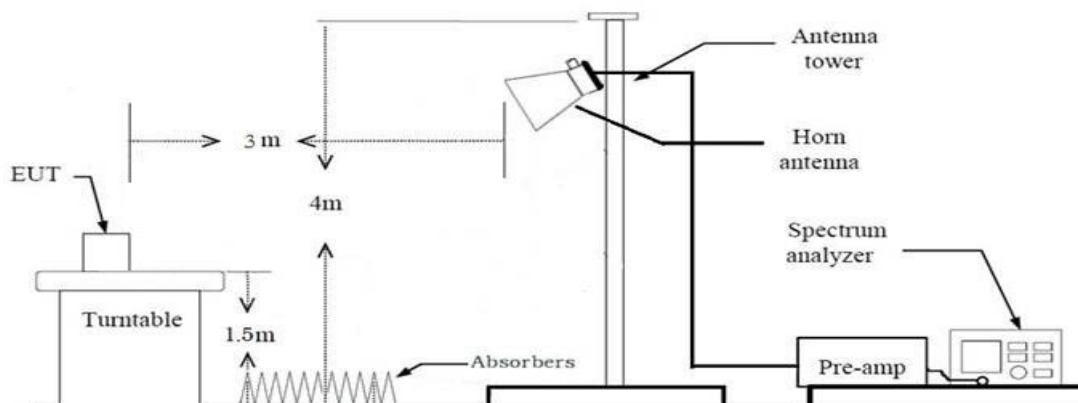
Below 30 MHz



30 MHz - 1 GHz



Above 1 GHz



Test Procedure of Radiated spurious emissions(Below 30 MHz)

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) = $40\log(3\text{ m}/300\text{ m}) = -80\text{ dB}$
Measurement Distance : 3 m
7. Distance Correction Factor(0.490 MHz – 30 MHz) = $40\log(3\text{ m}/30\text{ m}) = -40\text{ dB}$
Measurement Distance : 3 m
8. Spectrum Analyzer Setting
Measurement Type(Peak) :
 - Frequency Range = 9 kHz ~ 30 MHz
 - Detector = Peak
 - Trace = Max Hold
 - RBW = 9 kHz
 - VBW $\geq 3 \times$ 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)

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 Analyzer Setting
 - (1) Measurement Type(Peak):
 - Measured Frequency Range : 30 MHz – 1 GHz
 - Detector = Peak
 - Trace = Max Hold
 - RBW = 100 kHz
 - VBW $\geq 3 \times$ 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)

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 Analyzer Setting**(1) Measurement Type (Peak) :**

- RBW = 1 MHz
- VBW $\geq$ 3 MHz
- Detector = Peak
- Sweep Time = auto
- Trace mode = Max Hold
- Allow sweeps to continue until the trace stabilizes.

Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately $1/x$, where x is the duty cycle.

(2) Measurement Type (Average) :

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

8. 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 = $20\log(\text{test distance} / \text{specific distance})$ (dB)
11. Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L) - Amp Gain(A.G)
+ Distance Factor(D.F)

Test Procedure of Radiated Restricted Band Edge

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 Analyzer Setting**(1) Measurement Type(Peak) :**

- RBW = 1 MHz
- VBW $\geq$ 3 MHz
- Detector = Peak
- Sweep Time = auto
- Trace mode = Max Hold
- Allow sweeps to continue until the trace stabilizes.

Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately $1/x$, where x is the duty cycle.

(2) Measurement Type(Average) :

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

8. Measured Frequency Range :

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

9. Distance extrapolation factor = $20\log(\text{test distance} / \text{specific distance})$ (dB)

10. Total

(1) Measurement(Peak)

= Measured Value(Peak)

(2) Measurement(Avg)

= Measured Value (Avg)

- We apply to the offset in the range 1 GHz - 18 GHz.

- The offset = Antenna Factor(A.F) + Cable Loss(C.L) + Distance Factor(D.F) – Amp. Gain(A.G) + Attenuator (ATT)

The actual setting value of VBW

Mode	Tone	Worst Data rate (Mbps)	T _{on} (ms)	T _{total} (ms)	Duty Cycle	Duty Cycle Factor (dB)	The actual setting value of VBW (Hz)
802.11ax (HE20)	26	MCS0	-	-	-	-	1 000
	52	MCS0	-	-	-	-	1 000
	106	MCS0	-	-	-	-	1 000
	242	MCS0	-	-	-	-	1 000
802.11ax (HE40)	26	MCS0	-	-	-	-	1 000
	52	MCS0	-	-	-	-	1 000
	106	MCS0	-	-	-	-	1 000
	242	MCS0	-	-	-	-	1 000
	484	MCS0	-	-	-	-	1 000
802.11ax (HE80)	26	MCS0	-	-	-	-	1 000
	52	MCS0	-	-	-	-	1 000
	106	MCS0	-	-	-	-	1 000
	242	MCS0	-	-	-	-	1 000
	484	MCS0	-	-	-	-	1 000
	996	MCS0	-	-	-	-	1 000
802.11ax (SU)	BW 20	MCS0	-	-	-	-	1 000
	BW 40	MCS0	-	-	-	-	1 000
	BW 80	MCS0	-	-	-	-	1 000

Note:

All tests were performed with a continuous signal

8.8. Test RU for Tones

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

8.9. Worst case configuration and mode

Conducted test

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

Radiated test

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

AC Power line Conducted Emissions

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

Radiated test(Simultaneous transmission Scenario)

1. All modes of operation were investigated and the worst case configuration results are reported.
 - Mode : Stand alone
2. EUT Axis
 - Radiated Spurious Emissions : Y
3. All of Simultaneous transmission Scenario were investigated and the worst case configuration results are reported.

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	Scenario 1
Bluetooth + 5 GHz WiFi MIMO	-	-	on	on	-	-	on	Scenario 2
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 + 5 GHz WiFi SISO	-	on	on	-	-	-	on	Scenario 3
Bluetooth + 2.4 GHz WiFi SISO + 6 GHz WiFi SISO	-	on	-	-	on	-	on	-

4. The Simultaneous transmission Scenario mode test investigated both intermodulation and radiated spurious emissions.

- Worst result: Radiated spurious emissions
- Intermodulation: No signals are generated.

5. The following tables show the worst cases configurations determined during testing.

(Worst case: The lowest margin condition the channels and modes were selected for test.)

Scenario 2	Description	BT Emission	5 GHz Emission
5 GHz WiFi MIMO + BT ANT	Antenna	BT ANT	ANT ALL
	Channel	0	62
	Data Rate	1 Mbps	MCS 0
	Mode	BTLE 1M 37 Bytes	802.11ax[HE40] 26T RU9

Note : BT LE Simultaneous transmission Data refer to [BT LE] Test Report

Scenario 3	Description	BT Emission	2.4 GHz Emission	5 GHz Emission
2.4 GHz WiFi SISO ANT2 + 5 GHz WiFi SISO ANT1 + BT ANT	Antenna	BT ANT	ANT 2	ANT 1
	Channel	0	11	165
	Data Rate	1 Mbps	1 Mbps	6 Mbps
	Mode	BTLE 1M 37 Bytes	802.11b	802.11a

Note : Please refer to the [DTS], [BT LE], [UNII] Test Report

[Bandedge Worst case]

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

[RSE Worst case]

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

9. SUMMARY OF TEST RESULTS

Test Description	FCC Part Section(s)	Test Limit	Test Condition	Test Result
26 dB Bandwidth	§15.407 (for Power Measurement)	N/A	Conducted	PASS
6 dB Bandwidth	§15.407(e)	>500 kHz (5725-5850 MHz)(UNII-3)		PASS
Maximum Conducted Output Power	§15.407(a)(1),(2),(3)	< 250 mW(5150-5250 MHz) < 250 mW or 11+10log ₁₀ (BW) dBm (5250-5350 MHz) < 250 mW or 11+10log ₁₀ (BW) dBm (5470-5725 MHz) <1 W (5725-5850 MHz)		PASS
Maximum Power Spectral Density	§15.407(a)(1),(2),(3)	<11 dBm/ MHz (5150-5250 MHz) <11 dBm/ MHz (5250-5350 MHz) <11 dBm/ MHz (5470-5725 MHz) <30 dBm/500 kHz(5725-5850 MHz)		PASS
Frequency Stability	§15.407(g) §2.1055	Maintained within the band		PASS (Note1)
AC Conducted Emissions 150 kHz-30 MHz	15.207 15.407(b)(9)	<FCC 15.207 limits		PASS (Note1)
Undesirable Emissions	§15.407(b) (1),(2),(3),(4) §15.35(b)	<-27 dBm/MHz EIRP (UNII1, 2A, 2C) cf. Section 8.7 (UNII 3)	Radiated	PASS
General Field Strength Limits(Restricted Bands and Radiated Emission Limits)	15.205, 15.407(b)(9),(10)	Emissions in restricted bands must meet the radiated limits detailed in 15.209		PASS

Note:

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

10. TEST RESULT

10.1 DUTY CYCLE

Mode	Tone	Worst Data rate (Mbps)	T _{on} (ms)	T _{total} (ms)	Duty Cycle	Duty Cycle Factor (dB)
802.11ax (HE20)	26	MCS0	-	-	-	-
	52	MCS0	-	-	-	-
	106	MCS0	-	-	-	-
	242	MCS0	-	-	-	-
802.11ax (HE40)	26	MCS0	-	-	-	-
	52	MCS0	-	-	-	-
	106	MCS0	-	-	-	-
	242	MCS0	-	-	-	-
	484	MCS0	-	-	-	-
802.11ax (HE80)	26	MCS0	-	-	-	-
	52	MCS0	-	-	-	-
	106	MCS0	-	-	-	-
	242	MCS0	-	-	-	-
	484	MCS0	-	-	-	-
	996	MCS0	-	-	-	-
802.11ax (SU)	BW 20	MCS0	-	-	-	-
	BW 40	MCS0	-	-	-	-
	BW 80	MCS0	-	-	-	-

Note:

All tests were performed with a continuous signal

10.2 26 dB BANDWIDTH & 99% BANDWIDTH

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

Straddle channel data were added in section 10.6

10.2.1 Ant.1

Mode : HE20 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	11.24	5.618	11.40	4.214	3.564	3.911
	5200	40	11.27	5.475	10.98	5.273	3.622	4.335
	5240	48	10.14	7.027	10.12	5.515	4.371	5.163
UNII2A	5260	52	11.21	5.820	11.17	3.990	3.676	4.001
	5300	60	10.97	5.777	10.99	3.641	3.628	4.053
	5320	64	11.24	5.935	11.20	3.824	3.614	4.047
UNII2C	5500	100	11.11	5.550	11.33	4.162	3.557	4.520
	5600	120	11.12	5.589	11.03	3.901	3.477	3.899
	5720	144	11.45	5.646	11.05	3.912	3.602	3.862
UNII3	5745	149	11.12	5.598	11.14	4.059	3.606	3.873
	5785	157	11.14	5.402	11.19	4.245	3.474	3.920
	5825	165	11.05	5.411	11.28	4.294	3.601	4.697

Mode : HE20 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	11.29	7.391	11.35	5.890	5.708	5.648
	5200	40	11.33	7.725	11.51	5.780	5.642	5.673
	5240	48	10.29	9.062	10.22	6.696	5.917	6.336
UNII2A	5260	52	11.37	7.666	11.26	5.209	5.583	5.202
	5300	60	11.01	7.225	11.46	5.076	5.406	5.151
	5320	64	11.27	7.615	11.33	5.642	5.601	5.130
UNII2C	5500	100	11.44	7.910	11.16	5.218	5.626	5.262
	5600	120	11.42	7.165	11.51	4.996	5.392	5.234
	5720	144	11.19	7.657	11.34	5.178	5.571	5.148
UNII3	5745	149	11.41	7.350	11.62	5.151	5.606	5.335
	5785	157	11.56	7.539	11.44	5.263	5.654	5.252
	5825	165	11.32	7.375	11.79	5.273	5.651	5.387

Mode : HE20 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	11.65	-	11.61	9.595	-	9.525
	5200	40	11.35	-	11.50	9.574	-	9.513
	5240	48	10.30	-	10.27	8.917	-	8.836
UNII2A	5260	52	11.65	-	11.37	9.056	-	8.981
	5300	60	11.70	-	11.35	9.007	-	9.017
	5320	64	11.67	-	11.21	9.609	-	9.559
UNII2C	5500	100	11.56	-	11.92	9.210	-	9.223
	5600	120	11.61	-	11.70	8.969	-	8.930
	5720	144	11.54	-	11.81	9.096	-	8.985
UNII3	5745	149	11.90	-	11.23	9.063	-	8.977
	5785	157	11.55	-	11.31	9.412	-	9.052
	5825	165	11.35	-	11.46	9.469	-	9.231

Mode : HE20 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	-	22.39	-	-	18.986	-
	5200	40	-	22.27	-	-	18.971	-
	5240	48	-	19.98	-	-	18.847	-
UNII2A	5260	52	-	22.70	-	-	18.999	-
	5300	60	-	22.09	-	-	18.994	-
	5320	64	-	22.47	-	-	19.049	-
UNII2C	5500	100	-	22.54	-	-	19.050	-
	5600	120	-	22.56	-	-	19.021	-
	5720	144	-	21.99	-	-	18.983	-
UNII3	5745	149	-	22.45	-	-	19.033	-
	5785	157	-	22.42	-	-	19.026	-
	5825	165	-	22.60	-	-	19.049	-

Mode : HE20 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	-	22.15	-	-	19.054	-
	5200	40	-	22.09	-	-	19.077	-
	5240	48	-	19.94	-	-	18.840	-
UNII2A	5260	52	-	22.26	-	-	19.041	-
	5300	60	-	22.18	-	-	19.084	-
	5320	64	-	22.02	-	-	19.050	-
UNII2C	5500	100	-	27.11	-	-	19.086	-
	5600	120	-	22.02	-	-	19.032	-
	5720	144	-	21.78	-	-	19.061	-
UNII3	5745	149	-	21.81	-	-	19.007	-
	5785	157	-	22.02	-	-	19.013	-
	5825	165	-	22.12	-	-	19.025	-

Mode : HE40 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	20.16	8.161	20.24	11.004	6.253	11.414
	5230	46	20.15	8.451	20.12	8.736	6.215	8.993
UNII2A	5270	54	20.20	8.489	20.25	7.840	6.053	8.453
	5310	62	20.17	8.058	20.12	8.482	6.269	7.840
UNII2C	5510	102	20.14	7.411	20.08	7.211	6.041	7.025
	5590	118	20.05	8.779	20.10	7.519	6.376	7.466
	5710	142	20.09	8.747	20.23	6.868	6.444	7.689
UNII3	5755	151	20.24	8.953	20.12	7.791	6.137	7.253
	5795	159	20.13	7.838	20.21	7.843	6.113	9.031

Mode : HE40 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	20.22	11.96	20.30	11.395	6.998	10.929
	5230	46	20.27	12.47	20.29	10.703	7.172	9.381
UNII2A	5270	54	20.23	13.08	20.32	10.139	6.905	9.571
	5310	62	20.17	12.73	20.22	8.796	7.336	8.337
UNII2C	5510	102	20.23	12.11	20.16	7.833	7.091	7.579
	5590	118	20.25	12.74	20.20	7.493	7.250	7.768
	5710	142	20.18	11.99	20.21	7.698	6.996	7.558
UNII3	5755	151	20.27	12.54	20.25	7.705	7.109	7.771
	5795	159	20.24	11.53	20.17	7.938	6.944	8.088

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
UNII1	5190	38	ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
	5230	46	20.35	17.52	20.43	12.164	10.124	12.245
UNII2A	5270	54	20.37	17.96	20.36	15.066	10.354	11.690
	5310	62	20.41	17.46	20.36	12.020	10.399	11.241
UNII2C	5510	102	20.26	17.30	20.42	10.885	10.247	11.541
	5590	118	20.40	19.00	20.34	11.071	10.276	11.069
	5710	142	20.32	16.85	20.33	10.927	10.073	10.896
UNII3	5755	151	20.39	17.90	20.36	10.571	10.230	11.036
	5795	159	20.34	17.74	20.40	11.022	10.248	11.307
			20.32	17.17	20.36	11.351	10.490	11.495

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
UNII1	5190	38	ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
	5230	46	39.56	-	39.34	19.805	-	19.467
UNII2A	5270	54	39.56	-	39.28	19.475	-	19.514
	5310	62	39.32	-	39.09	19.476	-	19.585
UNII2C	5510	102	39.28	-	39.19	19.539	-	19.452
	5590	118	39.36	-	39.23	19.598	-	19.489
	5710	142	39.44	-	39.31	19.774	-	19.430
UNII3	5755	151	39.45	-	39.29	19.567	-	19.727
	5795	159	39.26	-	39.44	19.461	-	19.543
			39.45	-	39.37	19.522	-	19.612

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
UNII1	5190	38	ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
	5230	46	-	39.60	-	-	37.457	-
UNII2A	5270	54	-	39.46	-	-	37.463	-
	5310	62	-	39.51	-	-	37.413	-
UNII2C	5510	102	-	39.53	-	-	37.464	-
	5590	118	-	39.59	-	-	37.543	-
	5710	142	-	39.48	-	-	37.470	-
UNII3	5755	151	-	39.37	-	-	37.463	-
	5795	159	-	39.52	-	-	37.450	-
			-	39.49	-	-	37.475	-

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
UNII1	5190	38	ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
	5230	46	-	39.60	-	-	37.486	-
UNII2A	5270	54	-	39.40	-	-	37.425	-
	5310	62	-	39.43	-	-	37.522	-
UNII2C	5510	102	-	39.41	-	-	37.455	-
	5590	118	-	39.53	-	-	37.482	-
	5710	142	-	39.55	-	-	37.492	-
UNII3	5755	151	-	39.48	-	-	37.463	-
	5795	159	-	39.50	-	-	37.494	-
			-	39.35	-	-	37.487	-

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
UNII1	5210	42	40.43	9.743	40.36	11.616	9.740	9.915
UNII2A	5290	58	40.37	10.45	40.41	9.891	9.700	11.014
UNII2C	5530	106	40.50	11.47	40.34	10.934	10.023	9.893
	5610	122	40.42	10.18	40.41	11.138	9.627	12.524
	5690	138	40.34	9.907	40.40	10.280	9.717	10.990
UNII3	5775	155	40.29	10.31	40.28	9.770	9.604	9.414

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
UNII1	5210	42	40.53	14.85	40.36	12.617	10.032	13.144
UNII2A	5290	58	40.46	16.63	40.56	11.859	10.449	10.877
UNII2C	5530	106	40.61	15.85	40.42	12.501	10.380	9.356
	5610	122	40.44	13.56	40.43	10.941	9.533	10.019
	5690	138	40.49	14.73	40.37	11.867	9.903	10.879
UNII3	5775	155	40.36	14.16	40.49	9.945	9.788	10.330

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
UNII1	5210	42	40.61	26.45	40.58	16.319	13.105	15.555
UNII2A	5290	58	40.45	20.18	40.68	12.748	12.605	14.279
UNII2C	5530	106	40.49	19.63	40.46	13.985	12.042	11.899
	5610	122	40.51	21.26	40.49	13.412	12.533	12.178
	5690	138	40.45	20.95	40.42	13.448	12.508	13.472
UNII3	5775	155	40.54	18.30	40.48	12.759	12.009	12.309

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
UNII1	5210	42	40.96	41.15	41.22	23.923	21.967	23.864
UNII2A	5290	58	41.10	35.59	40.96	22.017	21.754	21.622
UNII2C	5530	106	41.16	33.06	40.98	23.573	21.537	21.779
	5610	122	41.09	38.17	41.14	22.207	22.134	21.877
	5690	138	41.01	34.36	41.01	21.962	21.564	21.410
UNII3	5775	155	41.17	38.07	41.18	21.735	21.972	22.354

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
UNII1	5210	42	79.87	-	79.33	40.395	-	39.655
UNII2A	5290	58	79.57	-	79.61	39.763	-	39.516
UNII2C	5530	106	79.88	-	80.03	39.787	-	39.553
	5610	122	79.86	-	79.76	40.103	-	39.499
	5690	138	79.75	-	79.87	39.783	-	39.580
UNII3	5775	155	79.71	-	79.78	39.845	-	39.798

Mode : HE80 996T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	-	80.02	-	-	76.953	-
UNII2A	5290	58	-	80.03	-	-	76.669	-
UNII2C	5530	106	-	80.15	-	-	76.575	-
	5610	122	-	79.95	-	-	76.884	-
	5690	138	-	79.99	-	-	76.643	-
UNII3	5775	155	-	80.21	-	-	76.610	-

Mode : HE80 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	-	80.00	-	-	76.810	-
UNII2A	5290	58	-	80.15	-	-	77.008	-
UNII2C	5530	106	-	80.07	-	-	76.728	-
	5610	122	-	79.99	-	-	76.702	-
	5690	138	-	80.10	-	-	76.629	-
UNII3	5775	155	-	80.21	-	-	76.824	-

10.2.2 Ant.2

Mode : HE20 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	11.22	5.742	11.19	3.956	3.612	3.975
	5200	40	11.02	5.549	11.05	3.850	3.533	4.103
	5240	48	10.16	8.013	10.13	9.534	4.376	9.504
UNII2A	5260	52	11.12	5.646	11.01	9.999	3.502	9.905
	5300	60	11.09	5.733	11.40	9.950	3.595	9.807
	5320	64	11.18	5.913	11.13	9.910	3.623	9.824
UNII2C	5500	100	11.28	5.046	11.35	9.889	3.523	4.346
	5600	120	11.05	5.461	11.06	9.867	3.594	9.877
	5720	144	11.03	5.666	11.20	9.940	3.666	9.885
UNII3	5745	149	11.10	5.507	11.07	9.835	3.565	9.944
	5785	157	11.28	5.899	11.33	9.956	3.584	9.961
	5825	165	11.02	5.251	11.02	9.981	3.684	9.938

Mode : HE20 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	11.41	7.831	11.47	5.152	5.537	5.072
	5200	40	11.36	8.016	11.40	5.051	5.501	5.031
	5240	48	10.20	9.079	10.27	6.796	5.847	6.702
UNII2A	5260	52	11.13	7.642	11.52	5.439	5.635	5.502
	5300	60	11.41	8.070	11.36	5.317	5.586	5.365
	5320	64	11.32	7.522	11.43	5.453	5.599	5.308
UNII2C	5500	100	11.19	7.341	11.56	5.101	5.469	5.247
	5600	120	11.38	7.341	11.05	5.387	5.568	5.327
	5720	144	11.21	7.277	11.42	5.229	5.678	5.281
UNII3	5745	149	11.44	7.707	11.27	5.446	5.630	5.454
	5785	157	11.31	7.474	11.57	5.544	5.633	5.568
	5825	165	11.32	7.606	11.51	5.376	5.662	5.386

Mode : HE20 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	11.54	-	11.74	8.981	-	8.921
	5200	40	11.72	-	11.60	9.115	-	8.856
	5240	48	10.28	-	10.30	9.073	-	9.071
UNII2A	5260	52	11.69	-	11.58	9.538	-	9.373
	5300	60	11.78	-	11.30	9.452	-	9.115
	5320	64	11.75	-	11.34	9.523	-	9.211
UNII2C	5500	100	11.84	-	11.78	9.346	-	9.025
	5600	120	11.50	-	11.73	9.385	-	9.328
	5720	144	11.31	-	11.80	9.495	-	9.247
UNII3	5745	149	11.62	-	11.41	9.584	-	9.548
	5785	157	11.62	-	11.64	9.509	-	9.555
	5825	165	11.75	-	11.40	9.493	-	9.458

Mode : HE20 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	-	22.15	-	-	19.018	-
	5200	40	-	22.32	-	-	18.979	-
	5240	48	-	19.99	-	-	18.839	-
UNII2A	5260	52	-	21.85	-	-	19.010	-
	5300	60	-	22.19	-	-	19.031	-
	5320	64	-	22.61	-	-	19.027	-
UNII2C	5500	100	-	22.04	-	-	19.020	-
	5600	120	-	22.24	-	-	19.011	-
	5720	144	-	22.02	-	-	19.016	-
UNII3	5745	149	-	22.22	-	-	19.008	-
	5785	157	-	22.58	-	-	19.047	-
	5825	165	-	22.42	-	-	19.014	-

Mode : HE20 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	-	22.20	-	-	19.078	-
	5200	40	-	22.20	-	-	19.057	-
	5240	48	-	20.04	-	-	18.855	-
UNII2A	5260	52	-	22.24	-	-	19.034	-
	5300	60	-	22.41	-	-	19.075	-
	5320	64	-	21.83	-	-	19.023	-
UNII2C	5500	100	-	22.41	-	-	19.050	-
	5600	120	-	22.44	-	-	19.079	-
	5720	144	-	22.57	-	-	18.991	-
UNII3	5745	149	-	21.98	-	-	19.054	-
	5785	157	-	22.59	-	-	19.041	-
	5825	165	-	22.11	-	-	19.012	-

Mode : HE40 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	20.12	8.303	20.10	11.362	6.537	7.250
	5230	46	20.26	8.387	20.02	10.663	6.456	6.469
UNII2A	5270	54	20.14	8.137	20.25	12.301	6.028	10.875
	5310	62	20.12	8.545	20.16	11.685	6.562	11.189
UNII2C	5510	102	20.11	8.525	20.13	7.797	6.605	7.591
	5590	118	20.16	9.980	20.16	8.708	6.483	8.829
	5710	142	20.17	8.366	20.19	7.933	6.233	8.954
UNII3	5755	151	20.15	9.101	20.14	9.762	6.162	12.526
	5795	159	20.25	7.763	20.13	9.828	6.179	13.210

Mode : HE40 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	20.19	12.30	20.28	8.868	6.908	8.433
	5230	46	20.23	12.09	20.20	12.803	7.217	8.108
UNII2A	5270	54	20.28	13.05	20.26	15.752	7.070	13.044
	5310	62	20.25	12.20	20.27	13.627	7.247	11.630
UNII2C	5510	102	20.20	11.86	20.19	8.938	7.060	8.476
	5590	118	20.26	12.58	20.28	10.226	7.281	9.978
	5710	142	20.22	13.34	20.28	9.441	6.984	9.138
UNII3	5755	151	20.35	11.93	20.20	11.947	6.943	10.271
	5795	159	20.30	10.75	20.25	10.704	6.682	11.156

Mode : HE40 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	20.26	18.27	20.43	11.726	10.343	11.359
	5230	46	20.44	17.86	20.44	13.086	10.421	12.152
UNII2A	5270	54	20.48	17.17	20.54	14.025	10.101	13.489
	5310	62	20.41	17.68	20.46	13.454	10.327	13.325
UNII2C	5510	102	20.35	18.12	20.46	11.501	10.068	11.542
	5590	118	20.31	17.13	20.41	11.840	10.337	11.926
	5710	142	20.36	18.69	20.38	17.463	10.020	11.484
UNII3	5755	151	20.36	17.73	20.36	12.784	10.247	12.546
	5795	159	20.38	16.78	20.40	12.583	10.140	12.596

Mode : HE40 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	39.29	-	39.29	19.604	-	19.523
	5230	46	39.48	-	39.33	19.738	-	19.501
UNII2A	5270	54	39.59	-	39.29	19.479	-	19.623
	5310	62	39.43	-	39.23	19.616	-	19.572
UNII2C	5510	102	39.16	-	39.17	19.530	-	19.465
	5590	118	39.32	-	39.25	19.568	-	19.516
	5710	142	39.38	-	39.21	19.573	-	19.566
UNII3	5755	151	39.31	-	39.28	19.508	-	19.461
	5795	159	39.50	-	39.36	19.404	-	19.640

Mode : HE40 484T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	-	39.49	-	-	37.462	-
	5230	46	-	39.48	-	-	37.434	-
UNII2A	5270	54	-	39.55	-	-	37.452	-
	5310	62	-	39.48	-	-	37.455	-
UNII2C	5510	102	-	39.51	-	-	37.429	-
	5590	118	-	39.46	-	-	37.485	-
	5710	142	-	39.47	-	-	37.493	-
UNII3	5755	151	-	39.58	-	-	37.475	-
	5795	159	-	39.47	-	-	37.437	-

Mode : HE40 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	-	39.55	-	-	37.457	-
	5230	46	-	39.66	-	-	37.390	-
UNII2A	5270	54	-	39.48	-	-	37.412	-
	5310	62	-	39.54	-	-	37.462	-
UNII2C	5510	102	-	39.50	-	-	37.494	-
	5590	118	-	39.46	-	-	37.427	-
	5710	142	-	39.43	-	-	37.452	-
UNII3	5755	151	-	39.39	-	-	37.438	-
	5795	159	-	39.67	-	-	37.511	-

Mode : HE80 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	40.41	10.78	40.31	21.405	9.742	10.139
UNII2A	5290	58	40.41	9.612	40.29	24.647	9.812	9.633
UNII2C	5530	106	40.44	10.66	40.34	11.772	9.691	10.134
	5610	122	40.43	10.49	40.43	12.704	9.608	12.081
	5690	138	40.40	9.784	40.37	38.771	9.619	11.522
UNII3	5775	155	40.45	10.98	40.47	14.452	9.687	19.362

Mode : HE80 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	40.54	12.41	40.50	20.990	10.248	11.038
UNII2A	5290	58	40.73	13.78	40.55	22.659	10.690	11.369
UNII2C	5530	106	40.37	14.28	40.47	11.138	10.198	10.630
	5610	122	40.47	13.00	40.55	13.683	10.059	13.725
	5690	138	40.50	12.87	40.55	13.079	9.589	11.473
UNII3	5775	155	40.55	13.26	40.65	12.421	10.090	16.470

Mode : HE80 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	40.54	20.90	40.66	20.915	12.634	13.324
UNII2A	5290	58	40.57	19.78	40.52	19.482	12.633	12.625
UNII2C	5530	106	40.70	20.68	40.52	14.209	12.114	13.505
	5610	122	40.54	20.85	40.61	14.920	12.283	14.937
	5690	138	40.69	26.92	40.54	19.189	12.580	13.977
UNII3	5775	155	40.49	21.80	40.57	16.448	11.911	18.993

Mode : HE80 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	41.06	34.79	41.16	22.432	21.999	22.078
UNII2A	5290	58	41.21	33.38	41.14	24.901	21.856	22.323
UNII2C	5530	106	41.07	36.15	41.16	22.670	21.884	22.380
	5610	122	40.97	35.05	41.19	22.867	21.878	21.998
	5690	138	41.06	34.76	41.14	27.185	21.515	22.250
UNII3	5775	155	41.02	36.89	41.27	23.715	21.940	25.780

Mode : HE80 484T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	79.96	-	79.88	42.399	-	39.745
UNII2A	5290	58	79.78	-	79.11	40.220	-	39.752
UNII2C	5530	106	80.05	-	79.91	40.070	-	39.389
	5610	122	79.56	-	80.03	40.027	-	39.719
	5690	138	80.22	-	79.72	39.854	-	39.643
UNII3	5775	155	79.92	-	79.64	39.653	-	39.885

Mode : HE80 996T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	-	79.97	-	-	76.630	-
UNII2A	5290	58	-	79.98	-	-	76.844	-
UNII2C	5530	106	-	80.16	-	-	76.559	-
	5610	122	-	80.15	-	-	76.712	-
	5690	138	-	80.16	-	-	76.864	-
UNII3	5775	155	-	80.05	-	-	76.532	-

Mode : HE80 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	-	80.11	-	-	76.742	-
UNII2A	5290	58	-	80.02	-	-	76.886	-
UNII2C	5530	106	-	80.08	-	-	76.643	-
	5610	122	-	80.19	-	-	76.955	-
	5690	138	-	80.14	-	-	76.753	-
UNII3	5775	155	-	80.08	-	-	76.774	-

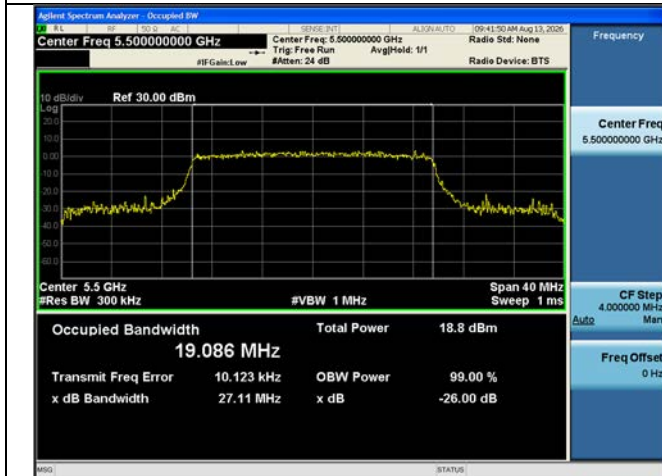
Test Plots

Note:

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

[Ant.1]

Bandwidth 20M Ch.100 SU



Bandwidth 40M Ch.38 SU



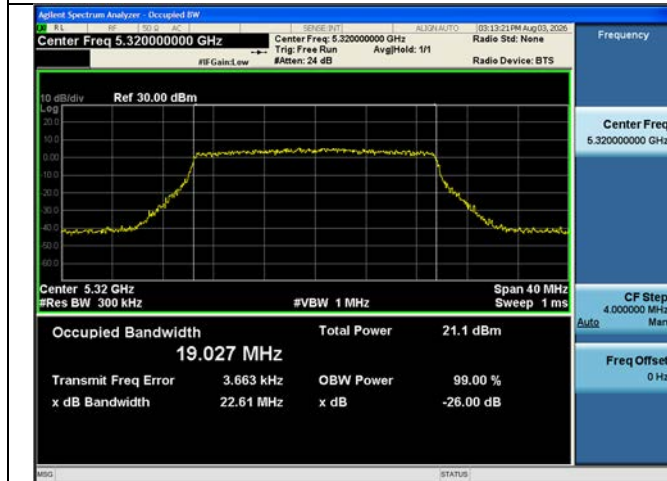
Bandwidth 80M Ch.155 996 Tones RU67



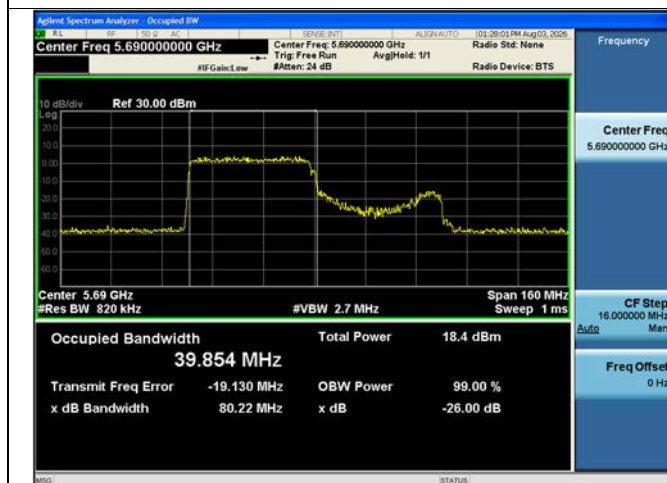
[Ant.2]

Bandwidth 20M Ch.64 242 Tones RU61

Bandwidth 40M Ch.159 SU



Bandwidth 80M Ch.138 484 Tones RU65



10.3 6 dB BANDWIDTH

10.3.1 Ant.1

Mode : HE20							
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]			Limit [MHz]
				RU Index : Low	RU Index : Mid	RU Index : High	
				ANT1	ANT1	ANT1	
UNII3	26T	5745	149	2.078	2.614	2.062	> 0.5
		5785	157	2.085	2.607	2.071	> 0.5
		5825	165	2.086	2.636	2.050	> 0.5
UNII3	52T	5745	149	4.149	4.110	4.109	> 0.5
		5785	157	4.077	4.106	4.113	> 0.5
		5825	165	4.132	4.095	4.160	> 0.5
UNII3	106T	5745	149	8.353	-	8.332	> 0.5
		5785	157	8.322	-	8.362	> 0.5
		5825	165	8.299	-	8.341	> 0.5
UNII3	242T	5745	149	-	19.07	-	> 0.5
		5785	157	-	19.04	-	> 0.5
		5825	165	-	19.02	-	> 0.5
UNII3	SU	5745	149	-	19.09	-	> 0.5
		5785	157	-	19.07	-	> 0.5
		5825	165	-	19.08	-	> 0.5

Mode : HE40							
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]			Limit [MHz]
				RU Index : Low	RU Index : Mid	RU Index : High	
				ANT1	ANT1	ANT1	
UNII3	26T	5755	151	2.111	2.114	2.089	> 0.5
		5795	159	2.119	2.115	2.128	> 0.5
UNII3	52T	5755	151	4.120	4.172	4.142	> 0.5
		5795	159	4.101	4.173	4.126	> 0.5
UNII3	106T	5755	151	8.349	8.358	8.342	> 0.5
		5795	159	8.359	8.645	8.357	> 0.5
UNII3	242T	5755	151	19.21	-	19.18	> 0.5
		5795	159	19.21	-	19.20	> 0.5
UNII3	484T	5755	151	-	37.11	-	> 0.5
		5795	159	-	37.68	-	> 0.5
UNII3	SU	5755	151	-	37.69	-	> 0.5
		5795	159	-	37.63	-	> 0.5

Mode : HE80							
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]			Limit [MHz]
				RU Index : Low	RU Index : Mid	RU Index : High	
				ANT1	ANT1	ANT1	
UNII3	26T	5775	155	2.233	2.274	2.238	> 0.5
UNII3	52T	5775	155	4.181	4.237	4.233	> 0.5
UNII3	106T	5775	155	8.415	8.398	8.428	> 0.5
UNII3	242T	5775	155	39.16	20.32	39.16	> 0.5
UNII3	484T	5775	155	39.18	-	39.26	> 0.5
UNII3	996T	5775	155	-	76.75	-	> 0.5
UNII3	SU	5775	155	-	76.65	-	> 0.5

10.3.2 Ant.2

Mode : HE20							
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]			Limit [MHz]
				RU Index : Low	RU Index : Mid	RU Index : High	
				ANT2	ANT2	ANT2	
UNII3	26T	5745	149	2.073	2.619	2.106	> 0.5
		5785	157	2.077	2.640	2.081	> 0.5
		5825	165	2.097	2.621	2.114	> 0.5
UNII3	52T	5745	149	4.149	4.110	4.109	> 0.5
		5785	157	4.077	4.106	4.113	> 0.5
		5825	165	4.132	4.095	4.160	> 0.5
UNII3	106T	5745	149	8.353	-	8.332	> 0.5
		5785	157	8.322	-	8.362	> 0.5
		5825	165	8.299	-	8.341	> 0.5
UNII3	242T	5745	149	-	19.06	-	> 0.5
		5785	157	-	19.17	-	> 0.5
		5825	165	-	19.13	-	> 0.5
UNII3	SU	5745	149	-	19.00	-	> 0.5
		5785	157	-	19.04	-	> 0.5
		5825	165	-	19.09	-	> 0.5

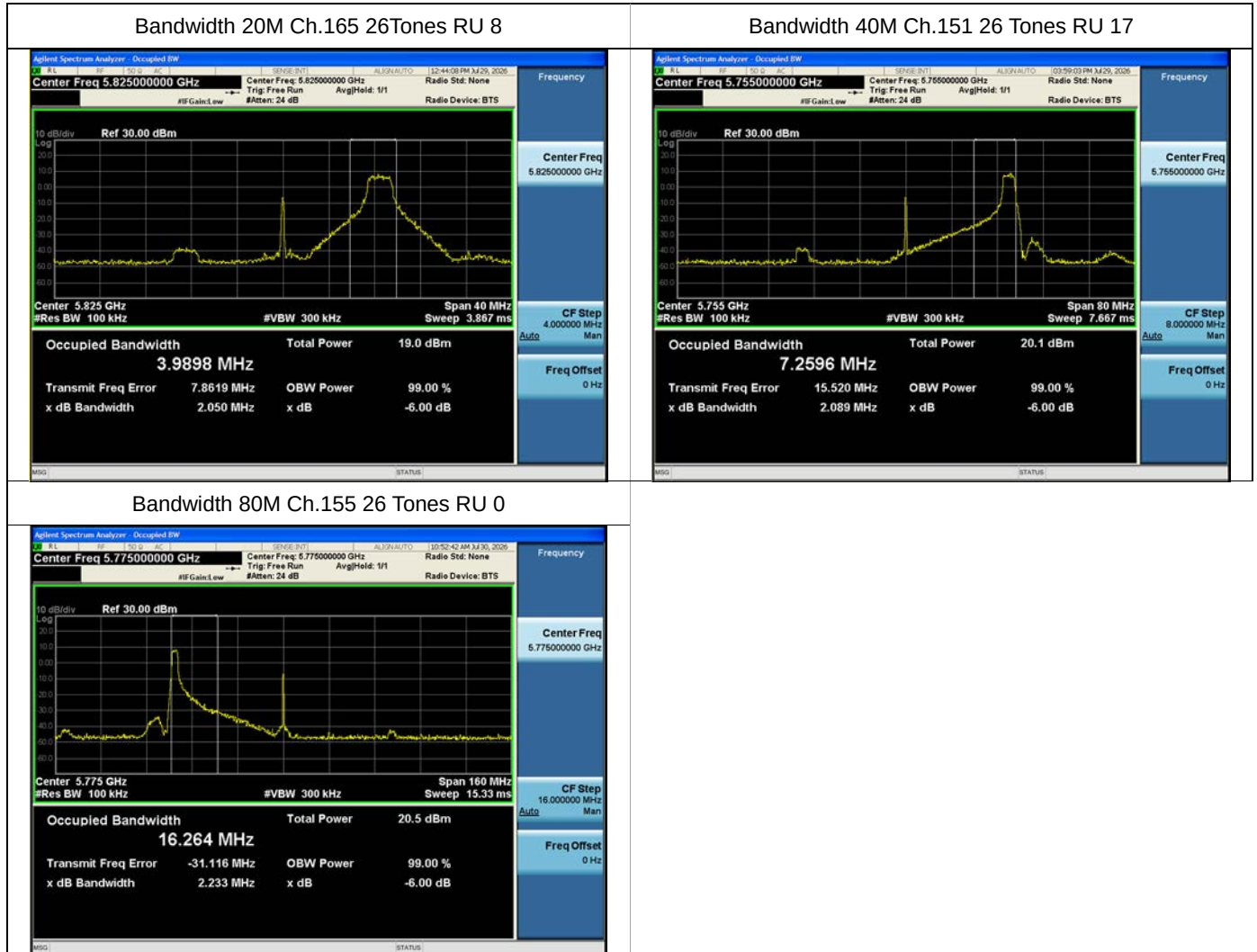
Mode : HE40							
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]			Limit [MHz]
				RU Index : Low	RU Index : Mid	RU Index : High	
				ANT2	ANT2	ANT2	
UNII3	26T	5755	151	2.108	2.129	2.111	> 0.5
		5795	159	2.121	2.169	2.150	> 0.5
UNII3	52T	5755	151	4.112	4.148	4.127	> 0.5
		5795	159	4.116	4.133	4.129	> 0.5
UNII3	106T	5755	151	8.368	8.654	8.361	> 0.5
		5795	159	8.328	8.688	8.369	> 0.5
UNII3	242T	5755	151	19.23	-	19.23	> 0.5
		5795	159	19.22	-	19.22	> 0.5
UNII3	484T	5755	151	-	37.38	-	> 0.5
		5795	159	-	35.82	-	> 0.5
UNII3	SU	5755	151	-	37.44	-	> 0.5
		5795	159	-	37.33	-	> 0.5

Mode : HE80							
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]			Limit [MHz]
				RU Index : Low	RU Index : Mid	RU Index : High	
				ANT2	ANT2	ANT2	
UNII3	26T	5775	155	2.247	2.235	2.256	> 0.5
UNII3	52T	5775	155	4.250	4.256	4.293	> 0.5
UNII3	106T	5775	155	8.415	8.423	8.465	> 0.5
UNII3	242T	5775	155	39.20	20.36	39.25	> 0.5
UNII3	484T	5775	155	39.28	-	39.37	> 0.5
UNII3	996T	5775	155	-	70.68	-	> 0.5
UNII3	SU	5775	155	-	77.26	-	> 0.5

Test Plots

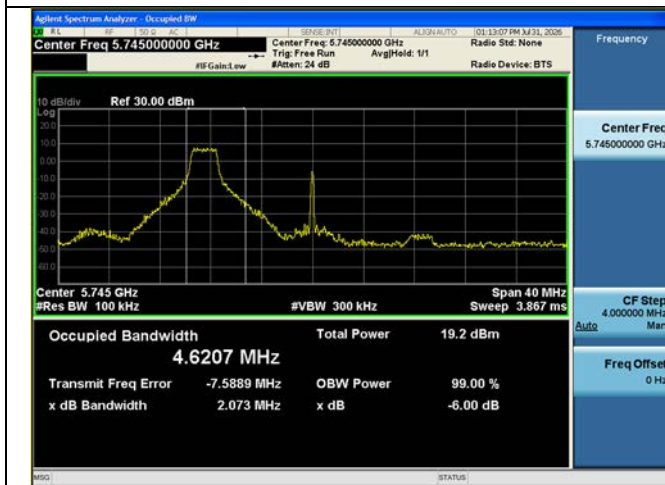
Note: In order to simplify the report, attached plots were only the narrowest channel.

[Ant.1]

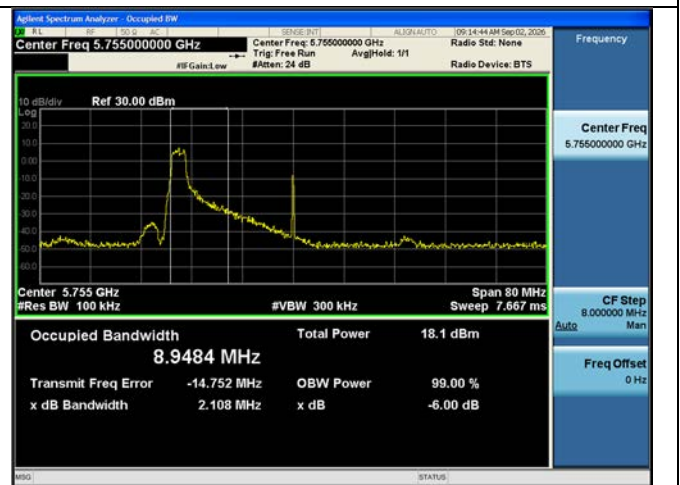


[Ant.2]

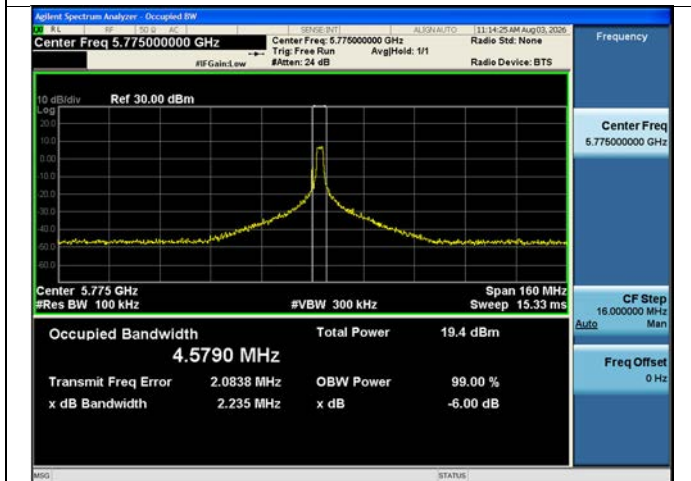
Bandwidth 20M Ch.149 26Tones RU 0



Bandwidth 40M Ch.151 26 Tones RU 0



Bandwidth 80M Ch.155 26 Tones RU 19



10.4 OUTPUT POWER MEASUREMENT

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

Straddle channel data were added in section 10.6

Note.:

1. Limit

- UNII 1 : 23.98 dBm
- UNII 2A, 2C : 23.98 dBm or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz
- UNII 3 : 30.00 dBm

2. MIMO Total Power [dBm] = Ant.1 Total Power [dBm] + Ant.2 Total Power [dBm]

10.4.1 MIMO_CDD(Ant.1+ Ant.2)

Mode : HE20 26T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5180	36	3.88	4.30	7.10	4.12	4.45	7.30	4.02	4.48	7.27	23.98
	5200	40	3.90	4.35	7.14	4.22	4.51	7.38	3.97	4.58	7.30	23.98
	5240	48	4.10	4.98	7.57	4.42	5.12	7.79	4.29	5.23	7.79	23.98
UNII2A	5260	52	9.28	9.71	12.51	9.18	9.98	12.61	9.02	10.09	12.60	18.52
	5300	60	8.91	10.25	12.64	9.16	10.25	12.75	9.10	10.18	12.69	18.58
	5320	64	8.91	10.18	12.60	9.13	10.37	12.81	8.92	10.31	12.68	18.72
UNII2C	5500	100	8.05	9.23	11.69	8.32	9.34	11.87	8.29	9.41	11.89	18.03
	5600	120	8.43	8.68	11.57	8.74	8.98	11.87	8.50	8.93	11.73	18.37
	5720	144	9.28	9.46	12.38	9.42	9.62	12.53	9.43	9.52	12.48	18.52
UNII3	5745	149	11.70	11.83	14.77	11.74	12.06	14.91	11.70	12.08	14.91	30.00
	5785	157	11.54	11.85	14.71	11.64	11.66	14.66	11.41	11.71	14.57	30.00
	5825	165	11.09	11.48	14.30	11.23	11.61	14.43	11.18	11.52	14.36	30.00

Mode : HE20 52T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5180	36	4.00	4.33	7.17	4.18	4.50	7.35	4.02	4.60	7.33	23.98
	5200	40	3.92	4.41	7.18	4.11	4.68	7.41	3.99	4.69	7.36	23.98
	5240	48	4.20	5.06	7.66	4.34	5.06	7.73	4.44	5.48	8.00	23.98
UNII2A	5260	52	9.23	9.89	12.58	9.26	9.90	12.60	9.21	10.01	12.64	19.83
	5300	60	9.00	10.15	12.63	9.13	10.24	12.73	9.13	10.32	12.78	19.59
	5320	64	8.96	10.12	12.59	9.15	10.28	12.76	9.10	10.21	12.70	19.76
UNII2C	5500	100	8.25	9.08	11.69	8.47	9.34	11.93	8.44	9.23	11.86	19.66
	5600	120	8.45	8.60	11.54	8.65	8.74	11.71	8.66	8.76	11.72	19.55
	5720	144	9.49	9.55	12.53	9.52	9.56	12.55	9.55	9.37	12.47	19.62
UNII3	5745	149	11.90	11.84	14.88	12.00	11.93	14.97	11.85	11.81	14.84	30.00
	5785	157	11.55	11.74	14.65	11.72	11.63	14.68	11.39	11.57	14.49	30.00
	5825	165	11.25	11.46	14.37	11.08	11.34	14.22	11.16	11.41	14.30	30.00

Mode : HE20 106T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5180	36	3.89	4.52	7.22	-	-	-	4.14	4.48	7.32	23.98
	5200	40	3.92	4.49	7.22	-	-	-	4.14	4.58	7.37	23.98
	5240	48	4.17	5.13	7.69	-	-	-	4.50	5.40	7.99	23.98
UNII2A	5260	52	9.08	9.73	12.43	-	-	-	9.08	9.77	12.45	21.56
	5300	60	9.03	10.22	12.68	-	-	-	9.00	10.17	12.63	21.53
	5320	64	8.72	10.30	12.59	-	-	-	8.89	10.36	12.70	21.50
UNII2C	5500	100	8.12	9.34	11.78	-	-	-	8.28	9.21	11.78	21.63
	5600	120	8.37	8.99	11.70	-	-	-	8.48	9.15	11.84	21.61
	5720	144	9.43	9.62	12.54	-	-	-	9.34	9.49	12.43	21.53
UNII3	5745	149	11.80	11.99	14.91	-	-	-	11.79	12.12	14.97	30.00
	5785	157	11.49	11.88	14.70	-	-	-	11.51	11.80	14.66	30.00
	5825	165	11.07	11.58	14.34	-	-	-	11.23	11.58	14.42	30.00

Mode : HE20 242T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5180	36	-	-	-	11.43	11.89	14.68	-	-	-	23.98
	5200	40	-	-	-	11.58	12.04	14.83	-	-	-	23.98
	5240	48	-	-	-	11.67	12.26	14.99	-	-	-	23.98
UNII2A	5260	52	-	-	-	11.35	11.89	14.64	-	-	-	23.98
	5300	60	-	-	-	11.39	12.04	14.74	-	-	-	23.98
	5320	64	-	-	-	11.17	11.96	14.60	-	-	-	23.98
UNII2C	5500	100	-	-	-	10.73	11.09	13.92	-	-	-	23.98
	5600	120	-	-	-	10.87	10.81	13.85	-	-	-	23.98
	5720	144	-	-	-	11.54	11.96	14.76	-	-	-	23.98
UNII3	5745	149	-	-	-	11.62	11.96	14.80	-	-	-	30.00
	5785	157	-	-	-	11.42	11.75	14.60	-	-	-	30.00
	5825	165	-	-	-	11.14	11.50	14.33	-	-	-	30.00

Mode : HE20 SU												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5180	36	-	-	-	11.70	12.15	14.94	-	-	-	23.98
	5200	40	-	-	-	11.49	12.12	14.83	-	-	-	23.98
	5240	48	-	-	-	11.75	12.18	14.98	-	-	-	23.98
UNII2A	5260	52	-	-	-	11.32	12.10	14.74	-	-	-	23.98
	5300	60	-	-	-	11.38	12.28	14.87	-	-	-	23.98
	5320	64	-	-	-	11.42	12.32	14.90	-	-	-	23.98
UNII2C	5500	100	-	-	-	10.68	11.29	14.01	-	-	-	23.98
	5600	120	-	-	-	10.76	11.23	14.01	-	-	-	23.98
	5720	144	-	-	-	11.63	11.98	14.82	-	-	-	23.98
UNII3	5745	149	-	-	-	11.63	11.94	14.80	-	-	-	30.00
	5785	157	-	-	-	11.34	11.66	14.51	-	-	-	30.00
	5825	165	-	-	-	11.08	11.41	14.26	-	-	-	30.00

Mode : HE40 26T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5190	38	5.07	3.18	7.24	5.36	3.36	7.49	5.41	3.24	7.47	23.98
	5230	46	5.37	3.05	7.38	5.63	3.58	7.74	5.38	3.49	7.55	23.98
UNII2A	5270	54	10.16	8.03	12.24	10.31	8.32	12.44	10.03	8.20	12.22	20.10
	5310	62	9.89	7.96	12.04	9.85	8.42	12.20	9.99	8.03	12.13	20.06
UNII2C	5510	102	9.18	7.48	11.42	9.60	7.80	11.80	9.62	7.69	11.77	19.70
	5590	118	8.90	8.02	11.49	9.15	8.36	11.78	8.96	8.26	11.64	20.43
	5710	142	10.04	8.79	12.47	10.33	9.37	12.89	9.96	8.93	12.48	20.23
UNII3	5755	151	12.05	10.93	14.53	12.26	11.18	14.76	11.85	10.80	14.37	30.00
	5795	159	11.82	10.81	14.36	11.79	10.75	14.31	11.54	10.35	14.00	30.00

Mode : HE40 52T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5190	38	4.97	3.25	7.20	5.21	3.44	7.42	5.13	3.44	7.38	23.98
	5230	46	5.14	3.25	7.31	5.42	3.72	7.66	5.27	3.40	7.45	23.98
UNII2A	5270	54	9.99	8.12	12.17	10.20	8.52	12.45	9.95	8.38	12.24	22.16
	5310	62	9.70	8.10	11.99	9.85	8.52	12.25	9.72	8.20	12.03	21.86
UNII2C	5510	102	9.18	7.66	11.49	9.50	7.91	11.79	9.48	7.85	11.75	21.74
	5590	118	8.70	8.21	11.48	8.97	8.43	11.72	8.89	8.28	11.61	22.00
	5710	142	10.11	8.96	12.59	10.35	9.26	12.85	10.07	8.99	12.57	21.79
UNII3	5755	151	12.10	11.07	14.62	12.22	11.22	14.76	11.86	10.87	14.40	30.00
	5795	159	11.85	10.85	14.39	12.02	10.85	14.49	11.53	10.50	14.06	30.00

Mode : HE40 106T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5190	38	4.96	3.38	7.25	5.33	3.42	7.49	5.33	3.37	7.47	23.98
	5230	46	5.19	3.21	7.32	5.49	3.78	7.73	5.40	3.74	7.66	23.98
UNII2A	5270	54	10.03	7.94	12.12	10.09	8.45	12.36	9.93	8.38	12.24	23.35
	5310	62	9.71	8.21	12.03	9.99	8.48	12.31	9.80	8.21	12.09	23.38
UNII2C	5510	102	9.26	7.65	11.54	9.52	8.00	11.84	9.49	7.82	11.75	23.58
	5590	118	8.93	8.19	11.59	9.04	8.44	11.76	8.88	8.45	11.68	23.26
	5710	142	10.00	9.05	12.56	10.31	9.35	12.87	10.03	9.14	12.62	23.53
UNII3	5755	151	11.96	10.99	14.51	12.04	11.19	14.65	11.78	10.94	14.39	30.00
	5795	159	11.64	10.90	14.30	11.84	10.91	14.41	11.43	10.48	13.99	30.00

Mode : HE40 242T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5190	38	5.14	3.17	7.27	-	-	-	5.17	3.19	7.30	23.98
	5230	46	5.35	3.02	7.35	-	-	-	5.46	3.47	7.59	23.98
UNII2A	5270	54	10.05	8.05	12.17	-	-	-	9.95	8.19	12.16	23.98
	5310	62	9.93	8.18	12.15	-	-	-	9.92	8.28	12.18	23.98
UNII2C	5510	102	9.30	7.73	11.60	-	-	-	9.50	7.75	11.72	23.98
	5590	118	8.93	8.34	11.66	-	-	-	8.89	8.40	11.66	23.98
	5710	142	10.12	9.16	12.68	-	-	-	10.03	9.06	12.58	23.98
UNII3	5755	151	12.04	11.09	14.60	-	-	-	11.93	10.93	14.47	30.00
	5795	159	11.81	10.80	14.35	-	-	-	11.40	10.51	13.99	30.00

Mode : HE40 484T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5190	38	-	-	-	12.02	11.48	14.77	-	-	-	23.98
	5230	46	-	-	-	12.05	11.34	14.72	-	-	-	23.98
UNII2A	5270	54	-	-	-	11.71	11.28	14.51	-	-	-	23.98
	5310	62	-	-	-	11.70	11.35	14.54	-	-	-	23.98
UNII2C	5510	102	-	-	-	11.07	10.63	13.87	-	-	-	23.98
	5590	118	-	-	-	11.20	10.88	14.05	-	-	-	23.98
	5710	142	-	-	-	12.16	11.73	14.96	-	-	-	23.98
UNII3	5755	151	-	-	-	12.09	11.56	14.85	-	-	-	30.00
	5795	159	-	-	-	11.77	11.45	14.62	-	-	-	30.00

Mode : HE40 SU												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5190	38	-	-	-	12.01	11.36	14.70	-	-	-	23.98
	5230	46	-	-	-	12.11	11.36	14.76	-	-	-	23.98
UNII2A	5270	54	-	-	-	11.75	11.29	14.54	-	-	-	23.98
	5310	62	-	-	-	11.76	11.46	14.62	-	-	-	23.98
UNII2C	5510	102	-	-	-	11.07	10.62	13.86	-	-	-	23.98
	5590	118	-	-	-	11.19	11.07	14.14	-	-	-	23.98
	5710	142	-	-	-	11.90	11.52	14.72	-	-	-	23.98
UNII3	5755	151	-	-	-	12.07	11.51	14.81	-	-	-	30.00
	5795	159	-	-	-	11.72	11.31	14.53	-	-	-	30.00

Mode : HE80 26T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5210	42	5.21	3.08	7.29	5.19	3.33	7.37	5.27	3.51	7.49	23.98
UNII2A	5290	58	9.88	7.82	11.98	9.97	8.02	12.11	9.97	8.13	12.16	20.83
UNII2C	5530	106	9.92	8.05	12.09	10.14	8.40	12.37	9.98	8.43	12.28	21.28
	5610	122	9.46	8.62	12.08	9.49	8.80	12.17	9.61	8.96	12.31	21.08
	5690	138	10.53	9.48	13.05	10.74	9.60	13.22	10.51	9.52	13.05	20.90
UNII3	5775	155	12.08	11.04	14.60	11.82	10.97	14.43	11.52	10.45	14.03	30.00

Mode : HE80 52T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5210	42	5.23	3.29	7.37	5.22	3.37	7.40	5.24	3.58	7.50	23.98
UNII2A	5290	58	10.07	8.27	12.27	9.81	8.24	12.11	9.92	8.49	12.27	22.39
UNII2C	5530	106	9.83	8.26	12.13	9.93	8.60	12.33	9.87	8.57	12.28	22.55
	5610	122	9.40	8.84	12.14	9.45	9.09	12.28	9.57	9.13	12.36	22.14
	5690	138	10.42	9.47	12.98	10.55	9.65	13.13	10.45	9.67	13.09	22.10
UNII3	5775	155	12.00	11.04	14.56	11.86	10.98	14.45	11.50	10.62	14.10	30.00

Mode : HE80 106T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5210	42	5.28	3.32	7.42	5.26	3.63	7.53	5.34	3.74	7.62	23.98
UNII2A	5290	58	9.96	8.43	12.27	9.86	8.40	12.20	9.85	8.44	12.21	23.96
UNII2C	5530	106	10.01	8.29	12.25	10.14	8.50	12.41	9.93	8.61	12.33	23.93
	5610	122	9.42	8.88	12.17	9.46	9.12	12.30	9.50	9.28	12.40	23.98
	5690	138	10.57	9.65	13.15	10.52	9.78	13.17	10.62	9.57	13.14	23.98
UNII3	5775	155	12.13	11.13	14.67	11.86	10.95	14.44	11.62	10.68	14.18	30.00

Mode : HE80 242T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5210	42	5.20	3.24	7.34	5.19	3.55	7.46	5.41	3.72	7.66	23.98
UNII2A	5290	58	9.86	8.33	12.17	9.82	8.28	12.13	9.80	8.40	12.17	23.98
UNII2C	5530	106	10.07	8.47	12.36	10.06	8.39	12.32	10.02	8.68	12.41	23.98
	5610	122	9.35	8.81	12.10	9.54	9.14	12.36	9.52	9.09	12.32	23.98
	5690	138	10.49	9.80	13.17	10.54	9.87	13.23	10.37	9.65	13.03	23.98
UNII3	5775	155	12.05	11.11	14.62	12.09	11.05	14.61	11.59	10.75	14.20	30.00

Mode : HE80 484T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5210	42	5.33	3.54	7.53	-	-	-	5.36	3.77	7.65	23.98
UNII2A	5290	58	9.91	8.39	12.23	-	-	-	9.92	8.43	12.25	23.98
UNII2C	5530	106	9.79	8.35	12.14	-	-	-	9.95	8.60	12.34	23.98
	5610	122	9.32	8.78	12.07	-	-	-	9.41	9.05	12.24	23.98
	5690	138	10.51	9.78	13.17	-	-	-	10.56	9.66	13.15	23.98
UNII3	5775	155	12.08	11.16	14.65	-	-	-	11.70	10.81	14.29	30.00

Mode : HE80 996T												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5210	42	-	-	-	11.77	11.27	14.54	-	-	-	23.98
UNII2A	5290	58	-	-	-	11.95	11.54	14.76	-	-	-	23.98
UNII2C	5530	106	-	-	-	10.76	10.10	13.45	-	-	-	23.98
	5610	122	-	-	-	11.01	10.43	13.74	-	-	-	23.98
	5690	138	-	-	-	11.99	11.27	14.65	-	-	-	23.98
UNII3	5775	155	-	-	-	12.10	11.56	14.85	-	-	-	30.00

Mode : HE80 SU												
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Limit [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5210	42	-	-	-	11.76	11.26	14.53	-	-	-	23.98
UNII2A	5290	58	-	-	-	11.92	11.54	14.74	-	-	-	23.98
UNII2C	5530	106	-	-	-	10.81	10.41	13.63	-	-	-	23.98
	5610	122	-	-	-	11.07	10.42	13.77	-	-	-	23.98
	5690	138	-	-	-	12.23	11.69	14.98	-	-	-	23.98
UNII3	5775	155	-	-	-	12.19	11.43	14.83	-	-	-	30.00

10.5 POWER SPECTRAL DENSITY

Note :

1. U-NII 3 Measured PSD, Total PSD Unit : [dBm/500kHz]
2. MIMO Total PSD [dBm/MHz] = Ant.1 Total PSD [dBm/MHz] + Ant.2 Total PSD [dBm/MHz]
3. Limit
 - UNII 1, 2A, 2C : 11 dBm/MHz
 - UNII 3 : 30 dBm / 500kHz

10.5.1 MIMO_CDD(Ant.1+Ant.2)

Mode : HE20 26T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5180	36	0.884	1.355	4.136	0.105	0.344	3.236	1.076	1.227	4.162	11.00
	5200	40	0.932	1.492	4.231	0.288	0.654	3.485	1.037	1.711	4.397	11.00
	5240	48	1.199	2.028	4.644	0.418	1.390	3.941	1.366	2.412	4.931	11.00
UNII2A	5260	52	6.454	6.638	9.557	5.218	5.968	8.619	6.168	7.135	9.689	11.00
	5300	60	6.017	7.259	9.693	5.212	6.375	8.843	6.300	7.201	9.784	11.00
	5320	64	6.034	7.351	9.753	5.228	6.476	8.907	5.979	7.310	9.706	11.00
UNII2C	5500	100	5.047	6.248	8.699	4.250	5.424	7.887	5.377	6.485	8.977	11.00
	5600	120	5.588	5.865	8.739	4.762	5.021	7.904	5.695	6.087	8.906	11.00
	5720	144	6.434	6.618	9.537	5.515	5.918	8.731	6.638	6.762	9.711	11.00
UNII3	5745	149	6.108	6.212	9.171	5.876	6.218	9.061	6.115	6.518	9.331	30 dBm/500kHz
	5785	157	5.930	6.296	9.127	5.889	5.936	8.923	5.856	6.153	9.017	30 dBm/500kHz
	5825	165	5.494	5.922	8.724	5.469	5.855	8.677	5.645	5.941	8.806	30 dBm/500kHz

Mode : HE20 52T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5180	36	-1.955	-1.528	1.274	-1.712	-1.339	1.489	-1.841	-1.237	1.482	11.00
	5200	40	-1.970	-1.403	1.333	-1.753	-1.116	1.587	-1.893	-1.204	1.475	11.00
	5240	48	-1.540	-0.758	1.879	-1.402	-0.834	1.902	-1.280	-0.286	2.256	11.00
UNII2A	5260	52	3.409	4.083	6.769	3.435	4.153	6.819	3.385	4.175	6.808	11.00
	5300	60	3.115	4.293	6.754	3.277	4.377	6.872	3.345	4.464	6.951	11.00
	5320	64	3.158	4.273	6.761	3.296	4.493	6.946	3.296	4.347	6.864	11.00
UNII2C	5500	100	2.374	3.208	5.821	2.636	3.410	6.051	2.659	3.372	6.040	11.00
	5600	120	2.698	2.874	5.797	2.911	2.995	5.964	2.898	2.988	5.954	11.00
	5720	144	3.791	3.816	6.814	3.828	3.902	6.875	3.996	3.724	6.872	11.00
UNII3	5745	149	3.400	3.232	6.327	3.388	3.433	6.421	3.326	3.301	6.324	30 dBm/500kHz
	5785	157	2.968	3.138	6.064	3.122	3.074	6.108	2.899	3.152	6.038	30 dBm/500kHz
	5825	165	2.770	2.968	5.880	2.588	2.818	5.715	2.718	2.833	5.786	30 dBm/500kHz

Mode : HE20 106T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5180	36	-5.028	-4.284	-1.630	-	-	-	-4.786	-4.404	-1.581	11.00
	5200	40	-4.940	-4.349	-1.624	-	-	-	-4.663	-4.271	-1.452	11.00
	5240	48	-4.464	-3.526	-0.959	-	-	-	-4.209	-3.276	-0.707	11.00
UNII2A	5260	52	0.223	0.974	3.625	-	-	-	0.228	1.022	3.653	11.00
	5300	60	0.281	1.339	3.852	-	-	-	0.111	1.358	3.789	11.00
	5320	64	-0.140	1.447	3.736	-	-	-	0.095	1.540	3.888	11.00
UNII2C	5500	100	-0.757	0.481	2.916	-	-	-	-0.650	0.262	2.840	11.00
	5600	120	-0.442	0.208	2.905	-	-	-	-0.305	0.356	3.048	11.00
	5720	144	0.669	0.927	3.810	-	-	-	0.646	0.781	3.724	11.00
UNII3	5745	149	0.212	0.338	3.286	-	-	-	0.252	0.482	3.379	30 dBm/500kHz
	5785	157	-0.131	0.249	3.073	-	-	-	-0.100	0.267	3.098	30 dBm/500kHz
	5825	165	-0.392	0.072	2.856	-	-	-	-0.369	-0.037	2.810	30 dBm/500kHz

Mode : HE20 242T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5180	36	-	-	-	-0.131	0.624	3.273	-	-	-	11.00
	5200	40	-	-	-	0.018	0.759	3.415	-	-	-	11.00
	5240	48	-	-	-	0.362	1.125	3.771	-	-	-	11.00
UNII2A	5260	52	-	-	-	-0.274	0.787	3.299	-	-	-	11.00
	5300	60	-	-	-	0.171	0.753	3.482	-	-	-	11.00
	5320	64	-	-	-	-0.175	0.705	3.298	-	-	-	11.00
UNII2C	5500	100	-	-	-	-0.898	-0.274	2.435	-	-	-	11.00
	5600	120	-	-	-	-0.503	-0.324	2.598	-	-	-	11.00
	5720	144	-	-	-	0.035	1.013	3.562	-	-	-	11.00
UNII3	5745	149	-	-	-	-2.626	-1.446	1.014	-	-	-	30 dBm/500kHz
	5785	157	-	-	-	-2.746	-1.499	0.932	-	-	-	30 dBm/500kHz
	5825	165	-	-	-	-2.808	-1.827	0.720	-	-	-	30 dBm/500kHz

Mode : HE20 SU												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5180	36	-	-	-	0.170	0.787	3.500	-	-	-	11.00
	5200	40	-	-	-	-0.012	0.770	3.407	-	-	-	11.00
	5240	48	-	-	-	0.452	1.033	3.763	-	-	-	11.00
UNII2A	5260	52	-	-	-	-0.207	0.921	3.404	-	-	-	11.00
	5300	60	-	-	-	0.046	1.024	3.573	-	-	-	11.00
	5320	64	-	-	-	0.043	0.951	3.531	-	-	-	11.00
UNII2C	5500	100	-	-	-	-0.916	0.159	2.665	-	-	-	11.00
	5600	120	-	-	-	-0.579	0.141	2.806	-	-	-	11.00
	5720	144	-	-	-	0.180	0.998	3.619	-	-	-	11.00
UNII3	5745	149	-	-	-	-2.573	-1.519	0.996	-	-	-	30 dBm/500kHz
	5785	157	-	-	-	-2.714	-1.432	0.984	-	-	-	30 dBm/500kHz
	5825	165	-	-	-	-2.883	-1.874	0.661	-	-	-	30 dBm/500kHz

Mode : HE40 26T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5190	38	2.144	0.196	4.289	2.335	0.287	4.441	2.380	0.266	4.461	11.00
	5230	46	2.450	0.164	4.466	2.667	0.649	4.784	2.428	0.589	4.615	11.00
UNII2A	5270	54	7.204	4.986	9.245	7.270	5.317	9.413	7.140	5.431	9.379	11.00
	5310	62	6.848	4.969	9.020	6.795	5.403	9.165	7.078	5.005	9.174	11.00
UNII2C	5510	102	6.265	4.479	8.473	6.639	4.729	8.798	6.643	4.658	8.773	11.00
	5590	118	5.914	5.054	8.516	6.198	5.405	8.830	5.989	5.421	8.725	11.00
	5710	142	7.177	5.839	9.570	7.359	6.482	9.953	7.084	6.050	9.608	11.00
UNII3	5755	151	6.218	5.166	8.734	6.546	5.371	9.008	6.146	5.212	8.714	30 dBm/500kHz
	5795	159	6.089	5.077	8.623	6.119	4.995	8.604	5.776	4.705	8.284	30 dBm/500kHz

Mode : HE40 52T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5190	38	-0.859	-2.657	1.345	-0.628	-2.529	1.535	-0.747	-2.424	1.505	11.00
	5230	46	-0.696	-2.619	1.458	-0.334	-2.172	1.854	-0.651	-2.286	1.618	11.00
UNII2A	5270	54	4.141	2.208	6.291	4.285	2.654	6.556	4.022	2.598	6.378	11.00
	5310	62	3.799	2.214	6.089	3.983	2.668	6.385	3.848	2.293	6.150	11.00
UNII2C	5510	102	3.362	1.867	5.689	3.591	2.073	5.908	3.601	1.989	5.880	11.00
	5590	118	2.939	2.366	5.672	3.212	2.603	5.928	3.104	2.534	5.839	11.00
	5710	142	4.318	3.116	6.769	4.518	3.477	7.039	4.236	3.237	6.775	11.00
UNII3	5755	151	3.362	2.276	5.863	3.493	2.480	6.026	3.179	2.239	5.745	30 dBm/500kHz
	5795	159	3.272	2.198	5.778	3.253	2.166	5.754	2.873	1.847	5.401	30 dBm/500kHz

Mode : HE40 106T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit [dBm/MHz]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5190	38	-4.063	-5.554	-1.735	-3.683	-5.328	-1.418	-3.585	-5.457	-1.411	11.00
	5230	46	-3.506	-5.564	-1.404	-3.465	-5.109	-1.199	-3.380	-5.143	-1.162	11.00
UNII2A	5270	54	1.157	-1.057	3.200	1.050	-0.521	3.345	1.092	-0.527	3.368	11.00
	5310	62	0.860	-0.670	3.172	1.111	-0.354	3.450	0.921	-0.614	3.231	11.00
UNII2C	5510	102	0.515	-1.119	2.785	0.627	-0.798	2.983	0.648	-0.978	2.921	11.00
	5590	118	0.185	-0.637	2.804	0.186	-0.465	2.883	0.017	-0.366	2.840	11.00
	5710	142	1.246	0.263	3.793	1.431	0.545	4.021	1.281	0.326	3.840	11.00
UNII3	5755	151	0.236	-0.751	2.781	0.227	-0.581	2.852	0.071	-0.818	2.660	30 dBm/500kHz
	5795	159	-0.020	-0.922	2.563	0.075	-0.926	2.614	-0.243	-1.237	2.299	30 dBm/500kHz

Mode : HE40 242T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5190	38	-7.325	-9.269	-5.179	-	-	-	-7.360	-9.214	-5.179	11.00
	5230	46	-7.055	-9.323	-5.032	-	-	-	-7.013	-9.022	-4.892	11.00
UNII2A	5270	54	-2.328	-4.348	-0.211	-	-	-	-2.445	-4.239	-0.240	11.00
	5310	62	-2.437	-4.258	-0.242	-	-	-	-2.517	-4.163	-0.252	11.00
UNII2C	5510	102	-2.997	-4.549	-0.694	-	-	-	-2.966	-4.620	-0.704	11.00
	5590	118	-3.401	-3.937	-0.650	-	-	-	-3.478	-3.911	-0.679	11.00
	5710	142	-2.133	-3.238	0.360	-	-	-	-2.319	-3.273	0.240	11.00
UNII3	5755	151	-3.176	-4.119	-0.612	-	-	-	-3.226	-4.315	-0.726	30 dBm/500kHz
	5795	159	-3.420	-4.451	-0.895	-	-	-	-3.809	-4.705	-1.224	30 dBm/500kHz

Mode : HE40 484T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5190	38	-	-	-	-0.913	-1.573	1.780	-	-	-	11.00
	5230	46	-	-	-	-1.141	-1.659	1.618	-	-	-	11.00
UNII2A	5270	54	-	-	-	-1.422	-2.112	1.257	-	-	-	11.00
	5310	62	-	-	-	-1.579	-1.265	1.591	-	-	-	11.00
UNII2C	5510	102	-	-	-	-2.452	-2.173	0.700	-	-	-	11.00
	5590	118	-	-	-	-1.980	-1.952	1.044	-	-	-	11.00
	5710	142	-	-	-	-0.846	-1.043	2.067	-	-	-	11.00
UNII3	5755	151	-	-	-	-4.224	-4.455	-1.328	-	-	-	30 dBm/500kHz
	5795	159	-	-	-	-4.337	-3.301	-0.778	-	-	-	30 dBm/500kHz

Mode : HE40 SU												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5190	38	-	-	-	-1.482	-1.580	1.480	-	-	-	11.00
	5230	46	-	-	-	-1.077	-1.663	1.650	-	-	-	11.00
UNII2A	5270	54	-	-	-	-1.369	-2.074	1.303	-	-	-	11.00
	5310	62	-	-	-	-1.584	-2.044	1.202	-	-	-	11.00
UNII2C	5510	102	-	-	-	-2.491	-2.170	0.683	-	-	-	11.00
	5590	118	-	-	-	-2.003	-1.868	1.075	-	-	-	11.00
	5710	142	-	-	-	-1.699	-1.206	1.565	-	-	-	11.00
UNII3	5755	151	-	-	-	-4.269	-4.406	-1.327	-	-	-	30 dBm/500kHz
	5795	159	-	-	-	-4.289	-4.714	-1.486	-	-	-	30 dBm/500kHz

Mode : HE80 26T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5210	42	2.191	-0.106	4.203	2.060	0.135	4.214	2.196	0.513	4.446	11.00
UNII2A	5290	58	6.538	4.755	8.748	6.705	5.008	8.949	6.903	5.212	9.150	11.00
UNII2C	5530	106	6.735	4.975	8.954	7.058	5.217	9.245	6.828	5.348	9.161	11.00
	5610	122	6.309	5.498	8.933	6.392	5.794	9.114	6.484	5.846	9.187	11.00
	5690	138	7.250	6.267	9.797	7.394	6.269	9.878	7.169	6.336	9.783	11.00
UNII3	5775	155	5.778	4.661	8.266	5.476	4.810	8.166	5.499	4.330	7.964	30 dBm/500kHz

Mode : HE80 52T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5210	42	-0.617	-2.623	1.505	-0.682	-2.657	1.452	-0.604	-2.134	1.708	11.00
UNII2A	5290	58	4.281	2.262	6.398	3.990	2.279	6.229	4.096	2.547	6.400	11.00
UNII2C	5530	106	3.955	2.287	6.211	4.082	2.539	6.389	3.947	2.641	6.353	11.00
	5610	122	3.343	2.835	6.107	3.432	3.018	6.240	3.613	3.070	6.360	11.00
	5690	138	4.444	3.285	6.913	4.431	3.459	6.982	4.386	3.531	6.990	11.00
UNII3	5775	155	2.861	1.952	5.441	2.749	1.780	5.302	2.496	1.540	5.055	30 dBm/500kHz

Mode : HE80 106T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5210	42	-3.647	-5.660	-1.528	-3.665	-5.391	-1.433	-3.622	-5.197	-1.328	11.00
UNII2A	5290	58	0.891	-1.001	3.058	0.783	-0.815	3.067	0.954	-0.516	3.291	11.00
UNII2C	5530	106	0.985	-0.704	3.232	1.137	-0.524	3.396	0.988	-0.343	3.384	11.00
	5610	122	0.413	-0.161	3.146	0.465	0.022	3.259	0.545	0.281	3.425	11.00
	5690	138	1.414	0.400	3.947	1.454	0.499	4.013	1.639	0.319	4.039	11.00
UNII3	5775	155	-0.094	-1.302	2.354	-0.340	-1.358	2.191	-0.450	-1.382	2.119	30 dBm/500kHz

Mode : HE80 242T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5210	42	-7.228	-9.200	-5.093	-7.315	-9.010	-5.070	-7.071	-8.727	-4.810	11.00
UNII2A	5290	58	-2.618	-4.255	-0.350	-2.735	-4.345	-0.456	-2.669	-4.090	-0.311	11.00
UNII2C	5530	106	-2.418	-4.092	-0.165	-2.498	-4.224	-0.266	-2.407	-3.880	-0.071	11.00
	5610	122	-3.157	-3.791	-0.452	-2.948	-3.492	-0.201	-3.013	-3.546	-0.261	11.00
	5690	138	-2.151	-2.891	0.505	-2.199	-3.025	0.418	-2.264	-3.015	0.387	11.00
UNII3	5775	155	-3.637	-4.780	-1.161	-3.596	-4.874	-1.178	-4.083	-4.941	-1.481	30 dBm/500kHz

Mode : HE80 484T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5210	42	-10.074	-12.009	-7.924	-	-	-	-9.849	-11.602	-7.627	11.00
UNII2A	5290	58	-5.572	-7.214	-3.306	-	-	-	-5.450	-7.046	-3.165	11.00
UNII2C	5530	106	-5.553	-7.109	-3.251	-	-	-	-5.387	-6.814	-3.032	11.00
	5610	122	-6.064	-6.735	-3.376	-	-	-	-5.953	-6.401	-3.161	11.00
	5690	138	-5.017	-5.942	-2.445	-	-	-	-4.913	-6.009	-2.416	11.00
UNII3	5775	155	-6.414	-7.032	-3.702	-	-	-	-6.824	-7.070	-3.935	30 dBm/500kHz

Mode : HE80 996T												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBm/MHz]
UNII1	5210	42	-	-	-	-3.060	-3.416	-0.224	-	-	-	11.00
UNII2A	5290	58	-	-	-	-3.485	-4.005	-0.727	-	-	-	11.00
UNII2C	5530	106	-	-	-	-4.931	-5.221	-2.063	-	-	-	11.00
	5610	122	-	-	-	-4.210	-4.917	-1.539	-	-	-	11.00
	5690	138	-	-	-	-3.104	-3.083	-0.083	-	-	-	11.00
UNII3	5775	155	-	-	-	-6.006	-5.866	-2.925	-	-	-	30 dBm/500kHz

Mode : HE80 SU												
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz] Note.1									Limit [dBm/MHz]
			RU Index : Low			RU Index : Mid			RU Index : High			
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	
UNII1	5210	42	-	-	-	-3.063	-3.489	-0.260	-	-	-	11.00
UNII2A	5290	58	-	-	-	-3.489	-4.097	-0.772	-	-	-	11.00
UNII2C	5530	106	-	-	-	-5.066	-3.990	-1.484	-	-	-	11.00
	5610	122	-	-	-	-4.109	-5.012	-1.527	-	-	-	11.00
	5690	138	-	-	-	-3.062	-2.881	0.040	-	-	-	11.00
UNII3	5775	155	-	-	-	-5.908	-5.956	-2.922	-	-	-	30 dBm/500kHz

Test Plots

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

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

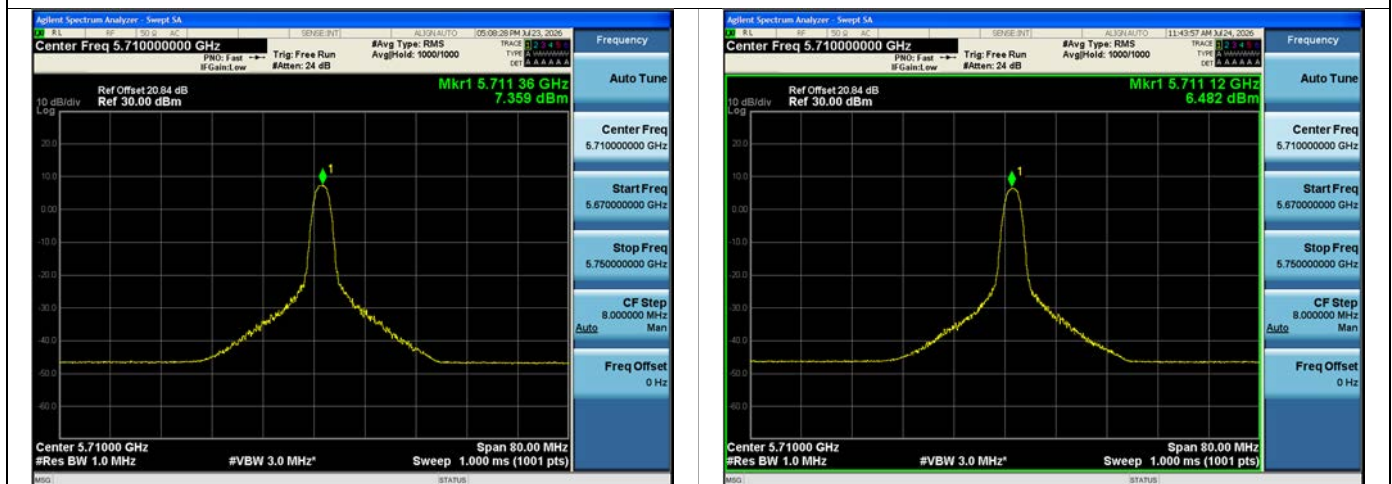
Ant.1

Ant.2

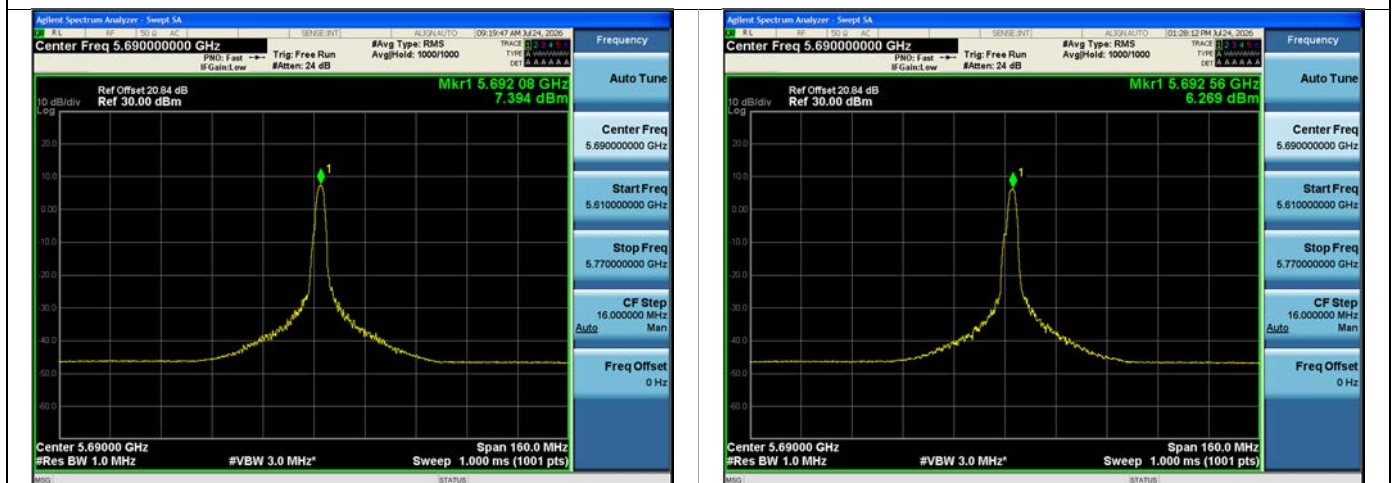
Bandwidth 20M Ch.60 26 Tone RU 8



Bandwidth 40M Ch.142 26 Tone RU 9



Bandwidth 80M Ch.138 26 Tone RU 19



10.6 STRADDLE CHANNEL

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

Note:

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

10.6.1 Ant.1

Mode : HE20									
Freq.[MHz]	CH.	Tone	RUIndex	26dB BW[MHz]		Total Power[dBm]		Total PSD[dBm/MHz]	
				UNII 2C	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5720	144	26T	(1) 0	11.48	-	9.57	-	7.185	-
			(1) 4	6.32	-	9.56	-	5.977	-
			8	5.24	6.00	-11.42	9.34	-9.768	4.338
		52T	(1) 37	11.68	-	9.46	-	3.967	-
			(1) 38	8.00	-	9.57	-	4.112	-
			40	5.28	6.08	-7.65	9.46	-4.461	1.222
		106T	(1) 53	12.08	-	9.57	-	1.074	-
			54	5.68	6.08	6.34	7.02	1.126	-1.560
		242T	61	16.24	5.84	11.00	5.02	0.743	-3.325
		SU	-	16.04	6.08	10.96	5.03	0.877	-3.401

Mode : HE40									
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		Total Power [dBm]		Total PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5710	142	26T	(1) 0	20.40	-	10.13	-	7.410	-
			(1) 9	9.04	-	10.49	-	7.919	-
			17	15.40	4.92	-8.29	10.03	-7.680	4.761
		52T	(1) 37	20.48	-	10.14	-	4.568	-
			(1) 41	14.16	-	10.52	-	5.187	-
			44	15.48	4.92	-1.55	9.80	1.574	1.742
		106T	(1) 53	20.48	-	10.13	-	1.723	-
			(1) 54	18.24	-	10.47	-	1.872	-
			56	15.48	5.00	7.46	6.87	1.693	-1.358
		242T	(1) 61	35.00	-	10.26	-	-1.771	-
			62	34.68	4.92	9.22	3.29	-1.677	-4.957
		484T	65	34.92	4.76	11.95	0.23	-1.116	-7.660
		SU	-	34.84	4.76	11.96	0.29	-0.855	-8.004

Mode : HE80									
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		Total Power [dBm]		Total PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5690	138	26T	(1) 0	40.80	-	10.49	-	7.534	-
			(1) 19	13.60	-	10.50	-	7.981	-
			36	35.32	5.16	-8.91	10.60	-8.510	4.962
		52T	(1) 37	40.80	-	10.60	-	5.074	-
			(1) 45	15.68	-	10.85	-	5.099	-
			52	35.64	5.16	-1.04	10.49	1.317	2.305
		106T	(1) 53	41.12	-	10.47	-	1.888	-
			(1) 57	26.88	-	10.80	-	1.821	-
			60	35.80	5.16	8.07	7.58	1.947	-1.111
		242T	(1) 61	41.12	-	10.68	-	-1.446	-
			(1) 62	33.44	-	10.81	-	-1.403	-
			64	35.64	5.48	9.83	4.10	-1.471	-4.277
		484T	(1) 65	75.16	-	10.79	-	-4.306	-
			66	74.68	5.32	10.15	0.92	-4.334	-7.515
		996T	67	75.00	5.32	12.12	-3.12	-3.091	-11.440
		SU	-	75.16	5.16	12.09	-2.88	-3.033	-11.418

10.6.2 Ant.2

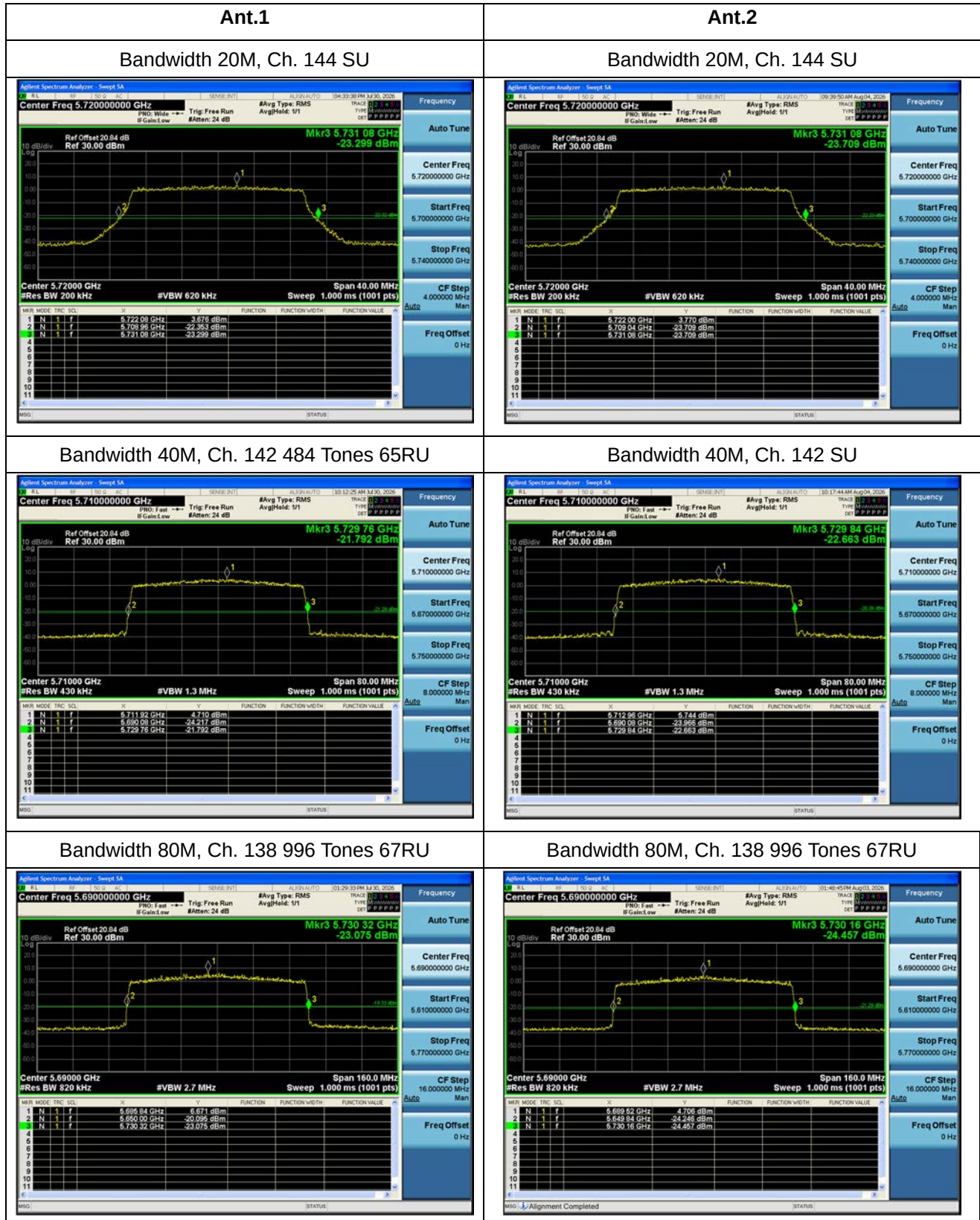
Mode : HE20									
Freq.[MHz]	CH.	Tone	RUIndex	26dB BW[MHz]		Total Power[dBm]		Total PSD[dBm/MHz]	
				UNII 2C	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5720	144	26T	(1) 0	11.56	-	9.42	-	6.625	-
			(1) 4	5.76	-	9.78	-	6.065	-
			8	5.20	6.20	-11.02	9.52	-9.237	4.285
		52T	(1) 37	11.56	-	9.46	-	3.950	-
			(1) 38	7.80	-	9.67	-	4.184	-
			40	5.28	6.20	-6.03	9.33	-4.920	1.017
		106T	(1) 53	12.04	-	9.68	-	1.190	-
			54	5.40	6.08	6.21	6.85	1.071	-1.868
		242T	61	15.88	6.04	11.17	5.28	1.126	-2.920
		SU	-	15.96	6.08	11.03	5.15	0.680	-3.142

Mode : HE40									
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		Total Power [dBm]		Total PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5710	142	26T	(1) 0	20.32	-	9.06	-	6.252	-
			(1) 9	9.60	-	9.40	-	6.476	-
			17	15.32	4.92	-11.14	9.06	-10.450	3.634
		52T	(1) 37	20.48	-	9.25	-	3.686	-
			(1) 41	14.00	-	9.52	-	3.817	-
			44	15.40	5.00	-2.72	9.03	1.016	0.897
		106T	(1) 53	20.56	-	9.31	-	0.706	-
			(1) 54	19.36	-	9.55	-	0.811	-
			56	15.56	4.92	6.43	5.81	0.455	-2.491
		242T	(1) 61	35.00	-	9.31	-	-2.697	-
			62	34.52	4.92	8.26	2.34	-2.910	-5.956
		484T	65	34.84	4.84	12.18	0.52	-0.576	-7.581
		SU	-	34.92	4.84	12.13	0.60	-0.906	-7.576

Mode : HE80									
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		Total Power [dBm]		Total PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5690	138	26T	(1) 0	41.12	-	9.42	-	6.482	-
			(1) 19	13.44	-	9.76	-	6.885	-
			36	35.48	5.32	-9.48	9.58	-9.610	4.024
		52T	(1) 37	43.96	-	9.48	-	3.780	-
			(1) 45	15.20	-	9.79	-	4.062	-
			52	35.64	5.16	-2.15	9.41	0.110	1.456
		106T	(1) 53	41.28	-	9.42	-	0.822	-
			(1) 57	25.28	-	9.76	-	0.877	-
			60	35.80	5.16	6.93	6.43	0.943	-2.024
		242T	(1) 61	39.44	-	9.48	-	-2.674	-
			(1) 62	38.88	-	9.75	-	-2.362	-
			64	35.96	5.32	8.70	2.89	-2.592	-5.716
		484T	(1) 65	75.32	-	9.62	-	-5.438	-
			66	74.68	5.16	9.10	-0.03	-5.523	-8.575
		996T	67	75.16	5.16	10.44	-4.39	-4.646	-12.705
		SU	-	75.16	5.00	10.41	-4.29	-5.593	-12.869

Test Plots(26dB Bandwidth)

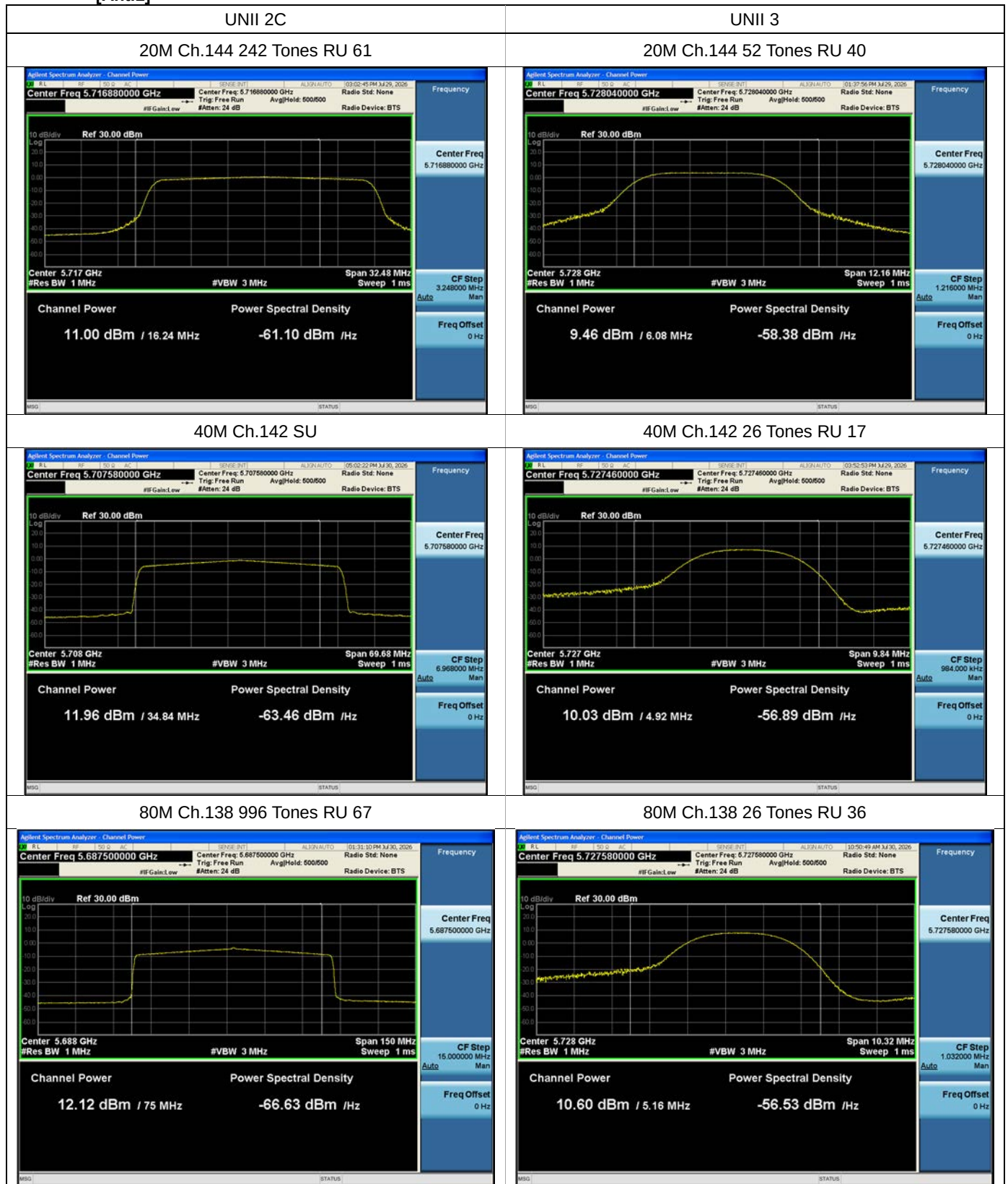
Note: In order to simplify the report, attached plots were only the widest channel.



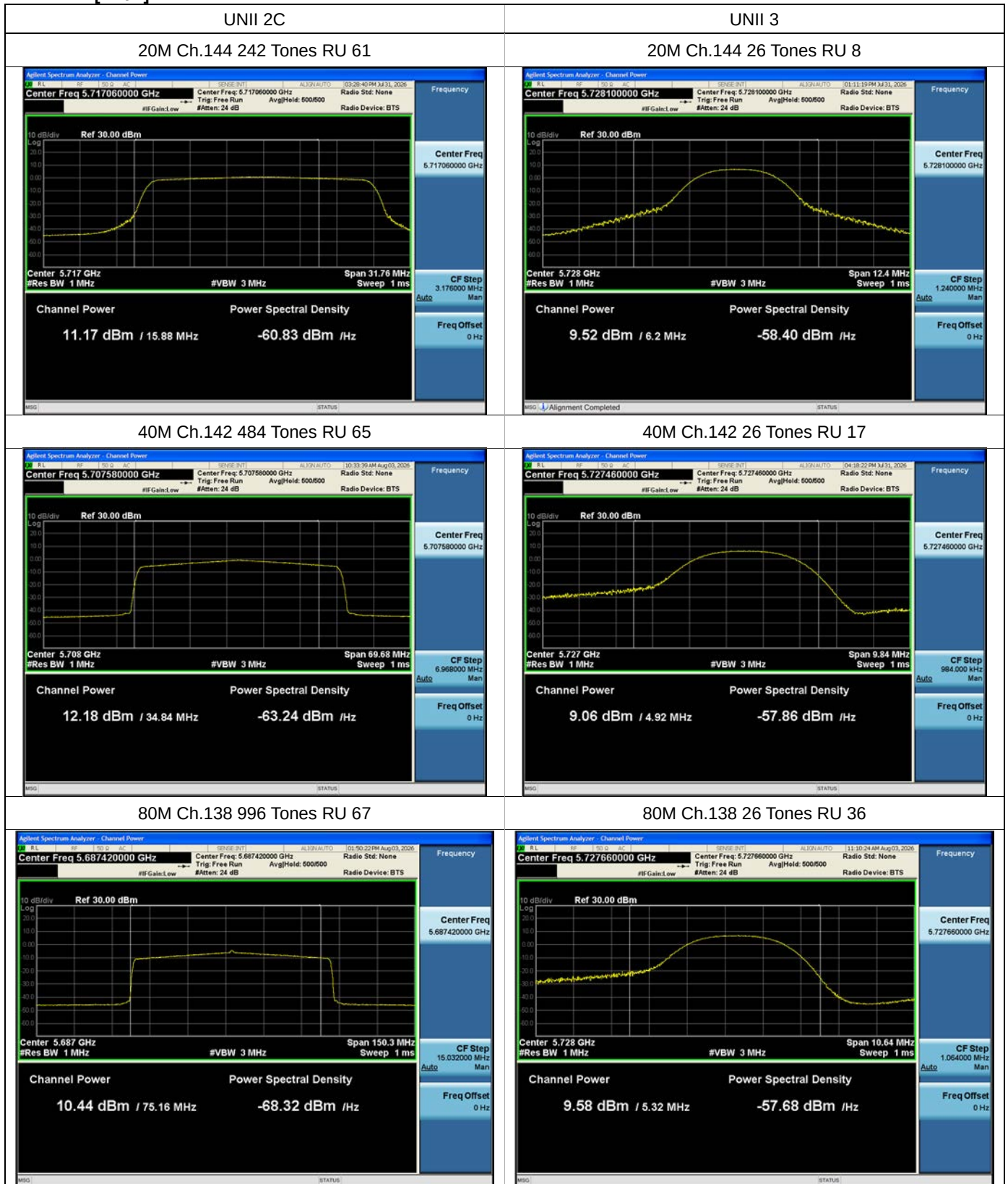
Test Plots(Output Power)

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

[Ant.1]



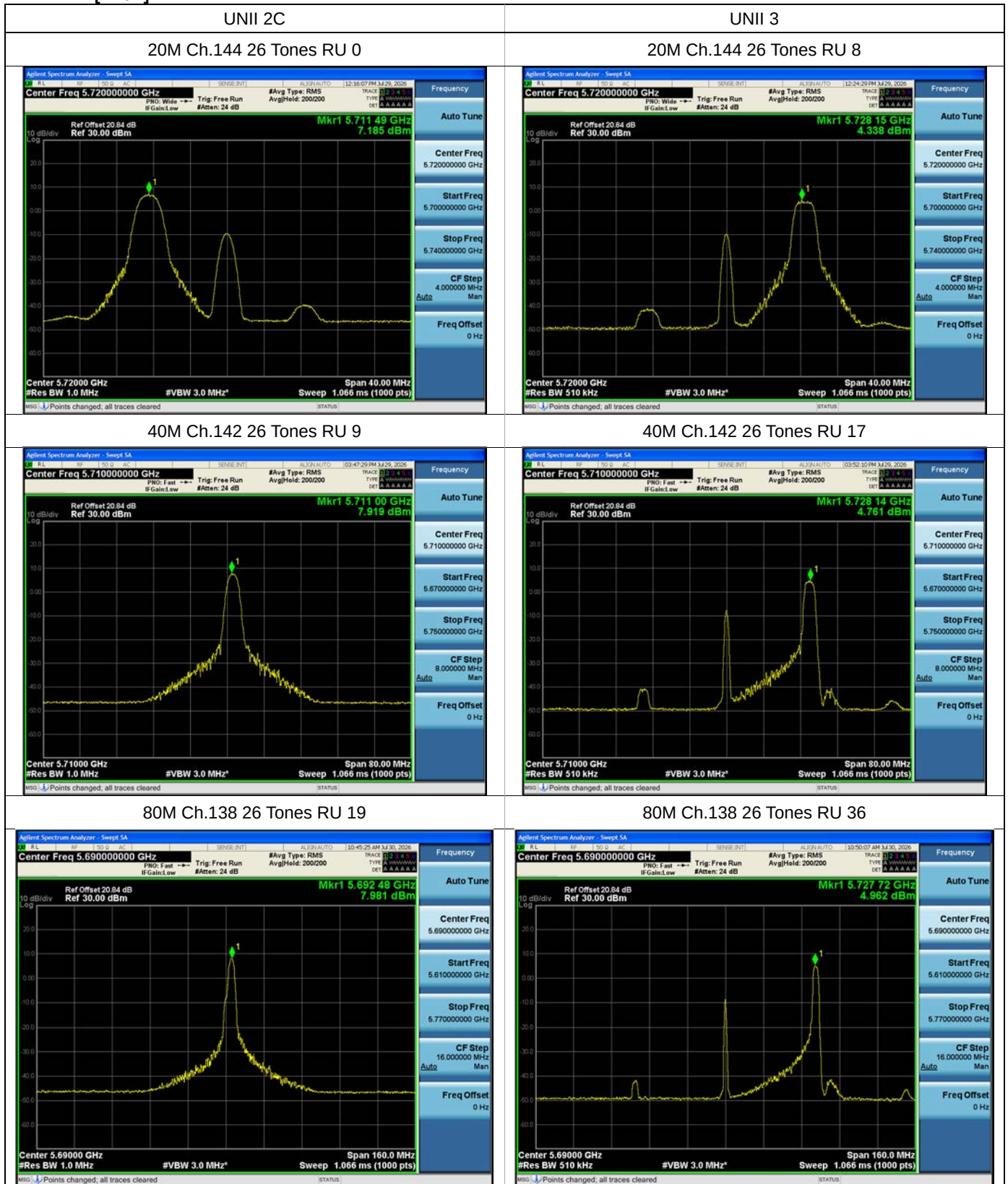
[Ant.2]



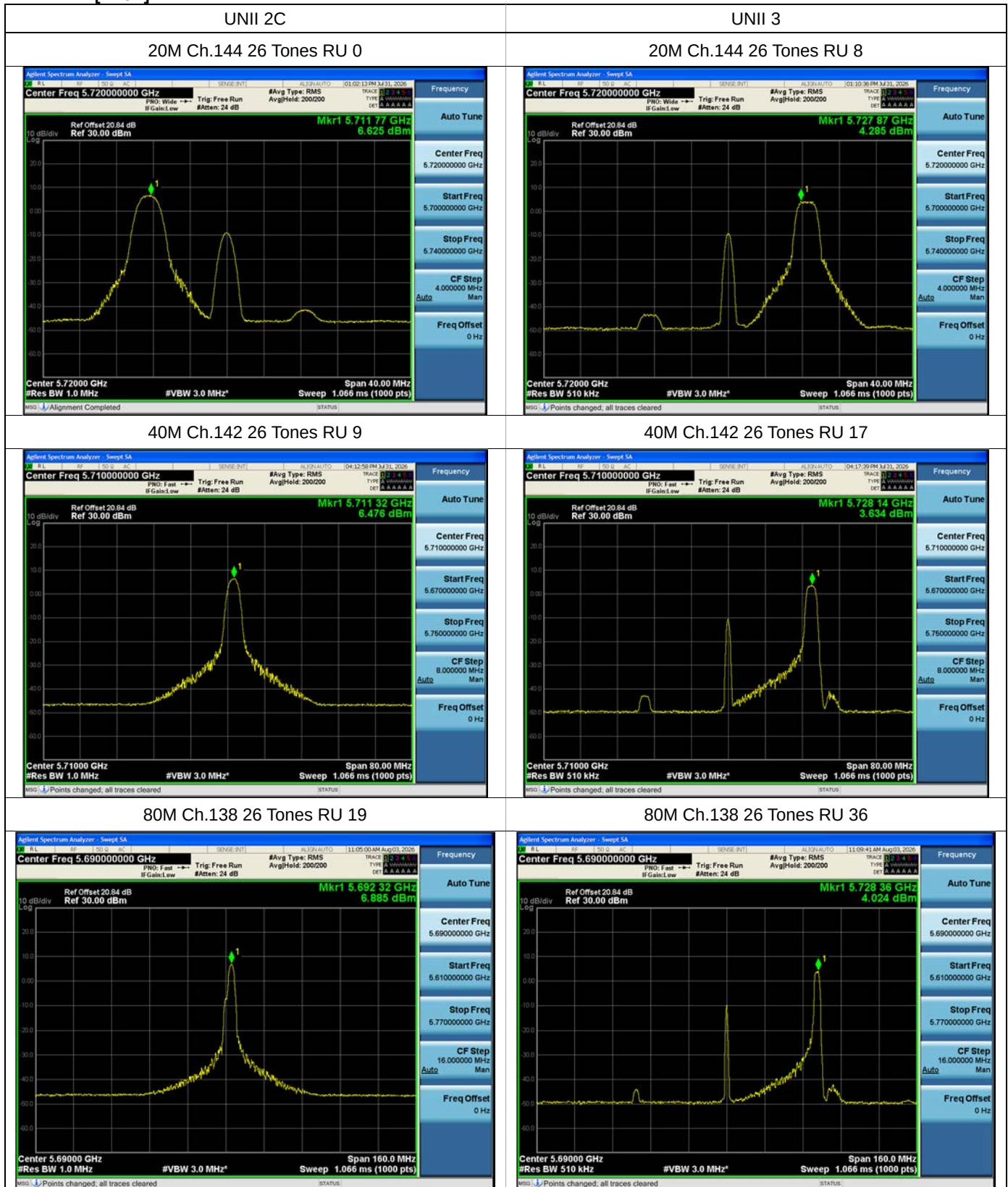
Test Plots(Power Spectral Density)

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

[Ant.1]



[Ant.2]



10.7 RADIATED SPURIOUS EMISSIONS (9 kHz – 1 GHz)

Frequency Range : 9 kHz – 30 MHz

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

Note:

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

Frequency Range : Below 1 GHz

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

Note:

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

10.8 RADIATED SPURIOUS EMISSIONS (Above 1 GHz)

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

[802.11ax_20, 26 Tone]

Band : UNII 1			Operation Mode : 802.11ax_HE20 26T RU4				
CH.36 5180 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10360	51.14	6.00	V	57.14	68.20	11.06	PK
15540	47.57	6.02	V	53.59	73.98	20.39	PK
15540	34.17	6.02	V	40.19	53.98	13.79	AV
10360	51.15	6.00	H	57.15	68.20	11.05	PK
15540	47.71	6.02	H	53.73	73.98	20.25	PK
15540	34.26	6.02	H	40.28	53.98	13.70	AV

Band : UNII 1			Operation Mode : 802.11ax_HE20 26T RU4				
CH.40 5200 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10400	51.88	5.64	V	57.52	68.20	10.68	PK
15600	46.85	5.84	V	52.69	73.98	21.29	PK
15600	33.92	5.84	V	39.76	53.98	14.22	AV
10400	52.01	5.64	H	57.65	68.20	10.55	PK
15600	46.88	5.84	H	52.72	73.98	21.26	PK
15600	33.93	5.84	H	39.77	53.98	14.21	AV

Band : UNII 1			Operation Mode : 802.11ax_HE20 26T RU4				
CH.48 5240 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10480	52.09	6.33	V	58.42	68.20	9.78	PK
15720	47.52	5.43	V	52.95	73.98	21.03	PK
15720	34.45	5.43	V	39.88	53.98	14.10	AV
10480	52.15	6.33	H	58.48	68.20	9.72	PK
15720	47.53	5.43	H	52.96	73.98	21.02	PK
15720	34.60	5.43	H	40.03	53.98	13.95	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 26T RU4				
CH.52 5260 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10520	54.54	6.08	V	60.62	68.20	7.58	PK
15780	47.59	5.75	V	53.34	73.98	20.64	PK
15780	34.54	5.75	V	40.29	53.98	13.69	AV
10520	54.63	6.08	H	60.71	68.20	7.49	PK
15780	47.64	5.75	H	53.39	73.98	20.59	PK
15780	34.60	5.75	H	40.35	53.98	13.63	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 26T RU4				
CH.60 5300 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10600	53.69	5.91	V	59.60	73.98	14.38	PK
10600	41.21	5.91	V	47.12	53.98	6.86	AV
15900	48.00	6.61	V	54.61	73.98	19.37	PK
15900	34.66	6.61	V	41.27	53.98	12.71	AV
10600	53.85	5.91	H	59.76	73.98	14.22	PK
10600	41.40	5.91	H	47.31	53.98	6.67	AV
15900	48.08	6.61	H	54.69	73.98	19.29	PK
15900	34.67	6.61	H	41.28	53.98	12.70	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 26T RU4				
CH.64 5320 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10640	56.91	6.48	V	63.39	73.98	10.59	PK
10640	41.46	6.48	V	47.94	53.98	6.04	AV
15960	47.97	6.23	V	54.20	73.98	19.78	PK
15960	34.50	6.23	V	40.73	53.98	13.25	AV
10640	57.01	6.48	H	63.49	73.98	10.49	PK
10640	41.56	6.48	H	48.04	53.98	5.94	AV
15960	48.16	6.23	H	54.39	73.98	19.59	PK
15960	34.65	6.23	H	40.88	53.98	13.10	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE20 26T RU4				
CH.100 5500 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11000	49.94	6.53	V	56.47	73.98	17.51	PK
11000	36.29	6.53	V	42.82	53.98	11.16	AV
16500	47.73	8.45	V	56.18	68.20	12.02	PK
11000	50.14	6.53	H	56.67	73.98	17.31	PK
11000	37.09	6.53	H	43.62	53.98	10.36	AV
16500	47.77	8.45	H	56.22	68.20	11.98	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE20 26T RU4				
CH.120 5600 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11200	49.37	6.16	V	55.53	73.98	18.45	PK
11200	36.52	6.16	V	42.68	53.98	11.30	AV
16800	46.86	10.20	V	57.06	68.20	11.14	PK
11200	49.44	6.16	H	55.60	73.98	18.38	PK
11200	36.56	6.16	H	42.72	53.98	11.26	AV
16800	46.97	10.20	H	57.17	68.20	11.03	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE20 26T RU4				
CH.144 5720 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11440	49.40	5.95	V	55.35	73.98	18.63	PK
11440	35.98	5.95	V	41.93	53.98	12.05	AV
17160	47.48	10.26	V	57.74	68.20	10.46	PK
11440	49.42	5.95	H	55.37	73.98	18.61	PK
11440	36.16	5.95	H	42.11	53.98	11.87	AV
17160	47.55	10.26	H	57.81	68.20	10.39	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 26T RU4				
CH.149 5745 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11490	50.25	5.72	V	55.97	73.98	18.01	PK
11490	36.56	5.72	V	42.28	53.98	11.70	AV
17235	46.43	10.73	V	57.16	68.20	11.04	PK
11490	50.41	5.72	H	56.13	73.98	17.85	PK
11490	36.73	5.72	H	42.45	53.98	11.53	AV
17235	46.56	10.73	H	57.29	68.20	10.91	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 26T RU4				
CH.157 5785 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11570	50.02	6.04	V	56.06	73.98	17.92	PK
11570	36.63	6.04	V	42.67	53.98	11.31	AV
17355	45.54	12.03	V	57.57	68.20	10.63	PK
11570	50.03	6.04	H	56.07	73.98	17.91	PK
11570	36.78	6.04	H	42.82	53.98	11.16	AV
17355	45.75	12.03	H	57.78	68.20	10.42	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 26T RU4				
CH.165 5825 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11650	49.83	5.86	V	55.69	73.98	18.29	PK
11650	37.10	5.86	V	42.96	53.98	11.02	AV
17475	47.62	12.53	V	60.15	68.20	8.05	PK
11650	49.87	5.86	H	55.73	73.98	18.25	PK
11650	37.27	5.86	H	43.13	53.98	10.85	AV
17475	47.63	12.53	H	60.16	68.20	8.04	PK

[802.11ax_20, 242 Tone]

Band : UNII 1			Operation Mode : 802.11ax_HE20 242T RU61				
CH.36 5180 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10360	50.38	6.00	V	56.38	68.20	11.82	PK
15540	46.97	6.02	V	52.99	73.98	20.99	PK
15540	34.09	6.02	V	40.11	53.98	13.87	AV
10360	50.61	6.00	H	56.61	68.20	11.59	PK
15540	47.23	6.02	H	53.25	73.98	20.73	PK
15540	34.15	6.02	H	40.17	53.98	13.81	AV

Band : UNII 1			Operation Mode : 802.11ax_HE20 242T RU61				
CH.40 5200 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10400	48.92	5.64	V	54.56	68.20	13.64	PK
15600	46.81	5.84	V	52.65	73.98	21.33	PK
15600	33.56	5.84	V	39.40	53.98	14.58	AV
10400	49.09	5.64	H	54.73	68.20	13.47	PK
15600	46.84	5.84	H	52.68	73.98	21.30	PK
15600	33.82	5.84	H	39.66	53.98	14.32	AV

Band : UNII 1			Operation Mode : 802.11ax_HE20 242T RU61				
CH.48 5240 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10480	49.24	6.33	V	55.57	68.20	12.63	PK
15720	47.03	5.43	V	52.46	73.98	21.52	PK
15720	34.10	5.43	V	39.53	53.98	14.45	AV
10480	49.45	6.33	H	55.78	68.20	12.42	PK
15720	47.13	5.43	H	52.56	73.98	21.42	PK
15720	34.25	5.43	H	39.68	53.98	14.30	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 242T RU61				
CH.52 5260 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10520	50.70	6.08	V	56.78	68.20	11.42	PK
15780	47.01	5.75	V	52.76	73.98	21.22	PK
15780	34.18	5.75	V	39.93	53.98	14.05	AV
10520	50.81	6.08	H	56.89	68.20	11.31	PK
15780	47.16	5.75	H	52.91	73.98	21.07	PK
15780	34.40	5.75	H	40.15	53.98	13.83	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 242T RU61				
CH.60 5300 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10600	50.50	5.91	V	56.41	73.98	17.57	PK
10600	37.12	5.91	V	43.03	53.98	10.95	AV
15900	47.67	6.61	V	54.28	73.98	19.70	PK
15900	34.48	6.61	V	41.09	53.98	12.89	AV
10600	50.53	5.91	H	56.44	73.98	17.54	PK
10600	37.17	5.91	H	43.08	53.98	10.90	AV
15900	47.73	6.61	H	54.34	73.98	19.64	PK
15900	34.55	6.61	H	41.16	53.98	12.82	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 242T RU61				
CH.64 5320 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10640	50.94	6.48	V	57.42	73.98	16.56	PK
10640	37.77	6.48	V	44.25	53.98	9.73	AV
15960	47.61	6.23	V	53.84	73.98	20.14	PK
15960	34.46	6.23	V	40.69	53.98	13.29	AV
10640	51.12	6.48	H	57.60	73.98	16.38	PK
10640	37.81	6.48	H	44.29	53.98	9.69	AV
15960	47.74	6.23	H	53.97	73.98	20.01	PK
15960	34.60	6.23	H	40.83	53.98	13.15	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE20 242T RU61				
CH.100 5500 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11000	48.85	6.53	V	55.38	73.98	18.60	PK
11000	35.37	6.53	V	41.90	53.98	12.08	AV
16500	47.06	8.45	V	55.51	68.20	12.69	PK
11000	49.06	6.53	H	55.59	73.98	18.39	PK
11000	35.47	6.53	H	42.00	53.98	11.98	AV
16500	47.10	8.45	H	55.55	68.20	12.65	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE20 242T RU61				
CH.120 5600 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11200	48.24	6.16	V	54.40	73.98	19.58	PK
11200	35.58	6.16	V	41.74	53.98	12.24	AV
16800	46.52	10.20	V	56.72	68.20	11.48	PK
11200	48.45	6.16	H	54.61	73.98	19.37	PK
11200	35.59	6.16	H	41.75	53.98	12.23	AV
16800	46.55	10.20	H	56.75	68.20	11.45	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE20 242T RU61				
CH.144 5720 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11440	47.90	5.95	V	53.85	73.98	20.13	PK
11440	35.39	5.95	V	41.34	53.98	12.64	AV
17160	47.22	10.26	V	57.48	68.20	10.72	PK
11440	48.10	5.95	H	54.05	73.98	19.93	PK
11440	35.50	5.95	H	41.45	53.98	12.53	AV
17160	47.45	10.26	H	57.71	68.20	10.49	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 242T RU61				
CH.149 5745 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11490	48.28	5.72	V	54.00	73.98	19.98	PK
11490	35.43	5.72	V	41.15	53.98	12.83	AV
17235	46.18	10.73	V	56.91	68.20	11.29	PK
11490	48.36	5.72	H	54.08	73.98	19.90	PK
11490	35.48	5.72	H	41.20	53.98	12.78	AV
17235	46.42	10.73	H	57.15	68.20	11.05	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 242T RU61				
CH.157 5785 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11570	48.64	6.04	V	54.68	73.98	19.30	PK
11570	35.35	6.04	V	41.39	53.98	12.59	AV
17355	45.52	12.03	V	57.55	68.20	10.65	PK
11570	48.85	6.04	H	54.89	73.98	19.09	PK
11570	35.41	6.04	H	41.45	53.98	12.53	AV
17355	45.61	12.03	H	57.64	68.20	10.56	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 242T RU61				
CH.165 5825 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11650	48.71	5.86	V	54.57	73.98	19.41	PK
11650	35.48	5.86	V	41.34	53.98	12.64	AV
17475	47.02	12.53	V	59.55	68.20	8.65	PK
11650	48.94	5.86	H	54.80	73.98	19.18	PK
11650	35.59	5.86	H	41.45	53.98	12.53	AV
17475	47.26	12.53	H	59.79	68.20	8.41	PK

[802.11ax_40, 26 Tone]

Band : UNII 1			Operation Mode : 802.11ax_HE40 26T RU9				
CH.38 5190 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10380	52.01	5.79	V	57.80	68.20	10.40	PK
15570	47.18	6.16	V	53.34	73.98	20.64	PK
15570	34.14	6.16	V	40.30	53.98	13.68	AV
10380	52.09	5.79	H	57.88	68.20	10.32	PK
15570	47.43	6.16	H	53.59	73.98	20.39	PK
15570	34.31	6.16	H	40.47	53.98	13.51	AV

Band : UNII 1			Operation Mode : 802.11ax_HE40 26T RU9				
CH.46 5230 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10460	53.21	6.38	V	59.59	68.20	8.61	PK
15690	47.13	5.45	V	52.58	73.98	21.40	PK
15690	34.25	5.45	V	39.70	53.98	14.28	AV
10460	53.34	6.38	H	59.72	68.20	8.48	PK
15690	47.36	5.45	H	52.81	73.98	21.17	PK
15690	34.39	5.45	H	39.84	53.98	14.14	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE40 26T RU9				
CH.54 5270 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10540	56.38	6.22	V	62.60	68.20	5.60	PK
15810	48.22	6.00	V	54.22	73.98	19.76	PK
15810	34.83	6.00	V	40.83	53.98	13.15	AV
10540	56.42	6.22	H	62.64	68.20	5.56	PK
15810	48.35	6.00	H	54.35	73.98	19.63	PK
15810	34.98	6.00	H	40.98	53.98	13.00	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE40 26T RU9				
CH.62 5310 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10620	58.57	6.46	V	65.03	73.98	8.95	PK
10620	43.94	6.46	V	50.40	53.98	3.58	AV
15930	48.50	6.17	V	54.67	73.98	19.31	PK
15930	34.65	6.17	V	40.82	53.98	13.16	AV
10620	58.65	6.46	H	65.11	73.98	8.87	PK
10620	44.06	6.46	H	50.52	53.98	3.46	AV
15930	48.56	6.17	H	54.73	73.98	19.25	PK
15930	34.72	6.17	H	40.89	53.98	13.09	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE40 26T RU9				
CH.102 5510 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11020	50.67	6.42	V	57.09	73.98	16.89	PK
11020	37.54	6.42	V	43.96	53.98	10.02	AV
16530	47.56	8.75	V	56.31	68.20	11.89	PK
11020	50.79	6.42	H	57.21	73.98	16.77	PK
11020	37.64	6.42	H	44.06	53.98	9.92	AV
16530	47.69	8.75	H	56.44	68.20	11.76	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE40 26T RU9				
CH.118 5590 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11180	50.24	6.21	V	56.45	73.98	17.53	PK
11180	37.37	6.21	V	43.58	53.98	10.40	AV
16770	46.52	9.42	V	55.94	68.20	12.26	PK
11180	50.42	6.21	H	56.63	73.98	17.35	PK
11180	37.52	6.21	H	43.73	53.98	10.25	AV
16770	46.68	9.42	H	56.10	68.20	12.10	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE40 26T RU9				
CH.142 5710 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11420	49.12	6.12	V	55.24	73.98	18.74	PK
11420	36.41	6.12	V	42.53	53.98	11.45	AV
17130	47.04	10.25	V	57.29	68.20	10.91	PK
11420	49.34	6.12	H	55.46	73.98	18.52	PK
11420	36.50	6.12	H	42.62	53.98	11.36	AV
17130	47.29	10.25	H	57.54	68.20	10.66	PK

Band : UNII 3			Operation Mode : 802.11ax_HE40 26T RU9				
CH.151 5755 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11510	51.06	5.85	V	56.91	73.98	17.07	PK
11510	37.72	5.85	V	43.57	53.98	10.41	AV
17265	46.68	11.22	V	57.90	68.20	10.30	PK
11510	51.23	5.85	H	57.08	73.98	16.90	PK
11510	37.84	5.85	H	43.69	53.98	10.29	AV
17265	46.84	11.22	H	58.06	68.20	10.14	PK

Band : UNII 3			Operation Mode : 802.11ax_HE40 26T RU9				
CH.159 5795 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11590	50.97	6.11	V	57.08	73.98	16.90	PK
11590	36.56	6.11	V	42.67	53.98	11.31	AV
17385	46.55	11.82	V	58.37	68.20	9.83	PK
11590	51.00	6.11	H	57.11	73.98	16.87	PK
11590	36.69	6.11	H	42.80	53.98	11.18	AV
17385	46.75	11.82	H	58.57	68.20	9.63	PK

[802.11ax_40, 484 Tone]

Band : UNII 1			Operation Mode : 802.11ax_HE40 484T RU65				
CH.38 5190 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10380	50.01	5.79	V	55.80	68.20	12.40	PK
15570	46.87	6.16	V	53.03	73.98	20.95	PK
15570	34.05	6.16	V	40.21	53.98	13.77	AV
10380	50.11	5.79	H	55.90	68.20	12.30	PK
15570	46.91	6.16	H	53.07	73.98	20.91	PK
15570	34.27	6.16	H	40.43	53.98	13.55	AV

Band : UNII 1			Operation Mode : 802.11ax_HE40 484T RU65				
CH.46 5230 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10460	49.83	6.38	V	56.21	68.20	11.99	PK
15690	46.98	5.45	V	52.43	73.98	21.55	PK
15690	33.92	5.45	V	39.37	53.98	14.61	AV
10460	50.05	6.38	H	56.43	68.20	11.77	PK
15690	47.19	5.45	H	52.64	73.98	21.34	PK
15690	34.16	5.45	H	39.61	53.98	14.37	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE40 484T RU65				
CH.54 5270 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10540	50.09	6.22	V	56.31	68.20	11.89	PK
15810	48.00	6.00	V	54.00	73.98	19.98	PK
15810	34.82	6.00	V	40.82	53.98	13.16	AV
10540	50.13	6.22	H	56.35	68.20	11.85	PK
15810	48.05	6.00	H	54.05	73.98	19.93	PK
15810	34.87	6.00	H	40.87	53.98	13.11	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE40 484T RU65				
CH.62 5310 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10620	49.28	6.46	V	55.74	73.98	18.24	PK
10620	37.03	6.46	V	43.49	53.98	10.49	AV
15930	46.99	6.17	V	53.16	73.98	20.82	PK
15930	34.55	6.17	V	40.72	53.98	13.26	AV
10620	49.43	6.46	H	55.89	73.98	18.09	PK
10620	37.17	6.46	H	43.63	53.98	10.35	AV
15930	47.25	6.17	H	53.42	73.98	20.56	PK
15930	34.69	6.17	H	40.86	53.98	13.12	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE40 484T RU65				
CH.102 5510 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11020	47.96	6.42	V	54.38	73.98	19.60	PK
11020	35.39	6.42	V	41.81	53.98	12.17	AV
16530	47.25	8.75	V	56.00	68.20	12.20	PK
11020	48.18	6.42	H	54.60	73.98	19.38	PK
11020	35.42	6.42	H	41.84	53.98	12.14	AV
16530	47.26	8.75	H	56.01	68.20	12.19	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE40 484T RU65				
CH.118 5590 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11180	48.51	6.21	V	54.72	73.98	19.26	PK
11180	35.69	6.21	V	41.90	53.98	12.08	AV
16770	46.53	9.42	V	55.95	68.20	12.25	PK
11180	48.67	6.21	H	54.88	73.98	19.10	PK
11180	35.79	6.21	H	42.00	53.98	11.98	AV
16770	46.60	9.42	H	56.02	68.20	12.18	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE40 484T RU65				
CH.142 5710 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11420	48.69	6.12	V	54.81	73.98	19.17	PK
11420	35.63	6.12	V	41.75	53.98	12.23	AV
17130	46.70	10.25	V	56.95	68.20	11.25	PK
11420	48.78	6.12	H	54.90	73.98	19.08	PK
11420	35.72	6.12	H	41.84	53.98	12.14	AV
17130	46.91	10.25	H	57.16	68.20	11.04	PK

Band : UNII 3			Operation Mode : 802.11ax_HE40 484T RU65				
CH.151 5755 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11510	48.11	5.85	V	53.96	73.98	20.02	PK
11510	35.63	5.85	V	41.48	53.98	12.50	AV
17265	45.88	11.22	V	57.10	68.20	11.10	PK
11510	48.29	5.85	H	54.14	73.98	19.84	PK
11510	35.89	5.85	H	41.74	53.98	12.24	AV
17265	46.02	11.22	H	57.24	68.20	10.96	PK

Band : UNII 3			Operation Mode : 802.11ax_HE40 484T RU65				
CH.159 5795 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11590	47.69	6.11	V	53.80	73.98	20.18	PK
11590	35.19	6.11	V	41.30	53.98	12.68	AV
17385	45.85	11.82	V	57.67	68.20	10.53	PK
11590	47.71	6.11	H	53.82	73.98	20.16	PK
11590	35.30	6.11	H	41.41	53.98	12.57	AV
17385	45.95	11.82	H	57.77	68.20	10.43	PK

[802.11ax_80, 26 Tone]

Band : UNII 1			Operation Mode : 802.11ax_HE80 26T RU19				
CH.42 5210 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10420	54.93	5.84	V	60.77	68.20	7.43	PK
15630	47.16	5.71	V	52.87	73.98	21.11	PK
15630	34.25	5.71	V	39.96	53.98	14.02	AV
10420	55.17	5.84	H	61.01	68.20	7.19	PK
15630	47.23	5.71	H	52.94	73.98	21.04	PK
15630	34.36	5.71	H	40.07	53.98	13.91	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE80 26T RU19				
CH.58 5290 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10580	58.17	6.18	V	64.35	68.20	3.85	PK
15870	48.10	6.26	V	54.36	73.98	19.62	PK
15870	34.66	6.26	V	40.92	53.98	13.06	AV
10580	58.18	6.18	H	64.36	68.20	3.84	PK
15870	48.14	6.26	H	54.40	73.98	19.58	PK
15870	34.77	6.26	H	41.03	53.98	12.95	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE80 26T RU19				
CH.106 5530 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11060	51.38	6.96	V	58.34	73.98	15.64	PK
11060	37.07	6.96	V	44.03	53.98	9.95	AV
16590	47.22	9.02	V	56.24	68.20	11.96	PK
11060	51.56	6.96	H	58.52	73.98	15.46	PK
11060	37.17	6.96	H	44.13	53.98	9.85	AV
16590	47.36	9.02	H	56.38	68.20	11.82	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE80 26T RU19				
CH.122 5610 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11220	50.26	6.08	V	56.34	73.98	17.64	PK
11220	36.94	6.08	V	43.02	53.98	10.96	AV
16830	47.29	10.23	V	57.52	68.20	10.68	PK
11220	50.30	6.08	H	56.38	73.98	17.60	PK
11220	37.20	6.08	H	43.28	53.98	10.70	AV
16830	47.41	10.23	H	57.64	68.20	10.56	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE80 26T RU19				
CH.138 5690 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11380	50.89	5.80	V	56.69	73.98	17.29	PK
11380	37.45	5.80	V	43.25	53.98	10.73	AV
17070	46.70	10.45	V	57.15	68.20	11.05	PK
11380	50.95	5.80	H	56.75	73.98	17.23	PK
11380	37.62	5.80	H	43.42	53.98	10.56	AV
17070	46.82	10.45	H	57.27	68.20	10.93	PK

Band : UNII 3			Operation Mode : 802.11ax_HE80 26T RU19				
CH.155 5775 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11550	50.76	6.16	V	56.92	73.98	17.06	PK
11550	37.44	6.16	V	43.60	53.98	10.38	AV
17325	45.98	11.50	V	57.48	68.20	10.72	PK
11550	50.95	6.16	H	57.11	73.98	16.87	PK
11550	37.60	6.16	H	43.76	53.98	10.22	AV
17325	46.17	11.50	H	57.67	68.20	10.53	PK

[802.11ax_80, 996 Tone]

Band : UNII 1			Operation Mode : 802.11ax_HE80 996T RU67				
CH.42 5210 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10420	49.14	5.84	V	54.98	68.20	13.22	PK
15630	46.59	5.71	V	52.30	73.98	21.68	PK
15630	34.19	5.71	V	39.90	53.98	14.08	AV
10420	49.22	5.84	H	55.06	68.20	13.14	PK
15630	46.64	5.71	H	52.35	73.98	21.63	PK
15630	34.35	5.71	H	40.06	53.98	13.92	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE80 996T RU67				
CH.58 5290 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10580	49.50	6.18	V	55.68	68.20	12.52	PK
15870	47.78	6.26	V	54.04	73.98	19.94	PK
15870	34.60	6.26	V	40.86	53.98	13.12	AV
10580	49.71	6.18	H	55.89	68.20	12.31	PK
15870	47.97	6.26	H	54.23	73.98	19.75	PK
15870	34.73	6.26	H	40.99	53.98	12.99	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE80 996T RU67				
CH.106 5530 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11060	48.60	6.96	V	55.56	73.98	18.42	PK
11060	35.08	6.96	V	42.04	53.98	11.94	AV
16590	47.01	9.02	V	56.03	68.20	12.17	PK
11060	48.75	6.96	H	55.71	73.98	18.27	PK
11060	35.30	6.96	H	42.26	53.98	11.72	AV
16590	47.18	9.02	H	56.20	68.20	12.00	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE80 996T RU67				
CH.122 5610 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11220	48.98	6.08	V	55.06	73.98	18.92	PK
11220	35.98	6.08	V	42.06	53.98	11.92	AV
16830	46.74	10.23	V	56.97	68.20	11.23	PK
11220	49.17	6.08	H	55.25	73.98	18.73	PK
11220	36.10	6.08	H	42.18	53.98	11.80	AV
16830	46.77	10.23	H	57.00	68.20	11.20	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE80 996T RU67				
CH.138 5690 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11380	48.97	5.80	V	54.77	73.98	19.21	PK
11380	35.82	5.80	V	41.62	53.98	12.36	AV
17070	46.03	10.45	V	56.48	68.20	11.72	PK
11380	49.21	5.80	H	55.01	73.98	18.97	PK
11380	35.89	5.80	H	41.69	53.98	12.29	AV
17070	46.25	10.45	H	56.70	68.20	11.50	PK

Band : UNII 3			Operation Mode : 802.11ax_HE80 996T RU67				
CH.155 5775 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11550	48.66	6.16	V	54.82	73.98	19.16	PK
11550	35.44	6.16	V	41.60	53.98	12.38	AV
17325	45.35	11.50	V	56.85	68.20	11.35	PK
11550	48.71	6.16	H	54.87	73.98	19.11	PK
11550	35.68	6.16	H	41.84	53.98	12.14	AV
17325	45.57	11.50	H	57.07	68.20	11.13	PK

[Simultaneous transmission Scenario]

Scenario 2

BTLE 1M 37 Bytes Ch. 0 + 5G WLAN MIMO(CDD) 802.11ax[HE40] Ch. 62 26T RU 9 MCS0

Band : UNII 2A			Operation Mode : 802.11ax_HE40 26T RU9				
CH.62 5310MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10620	58.16	6.46	V	64.62	73.98	9.36	PK
10620	43.59	6.46	V	50.05	53.98	3.93	AV
15930	47.86	6.17	V	54.03	73.98	19.95	PK
15930	34.52	6.17	V	40.69	53.98	13.29	AV
10620	58.41	6.46	H	64.87	73.98	9.11	PK
10620	43.82	6.46	H	50.28	53.98	3.70	AV
15930	47.91	6.17	H	54.08	73.98	19.90	PK
15930	34.67	6.17	H	40.84	53.98	13.14	AV

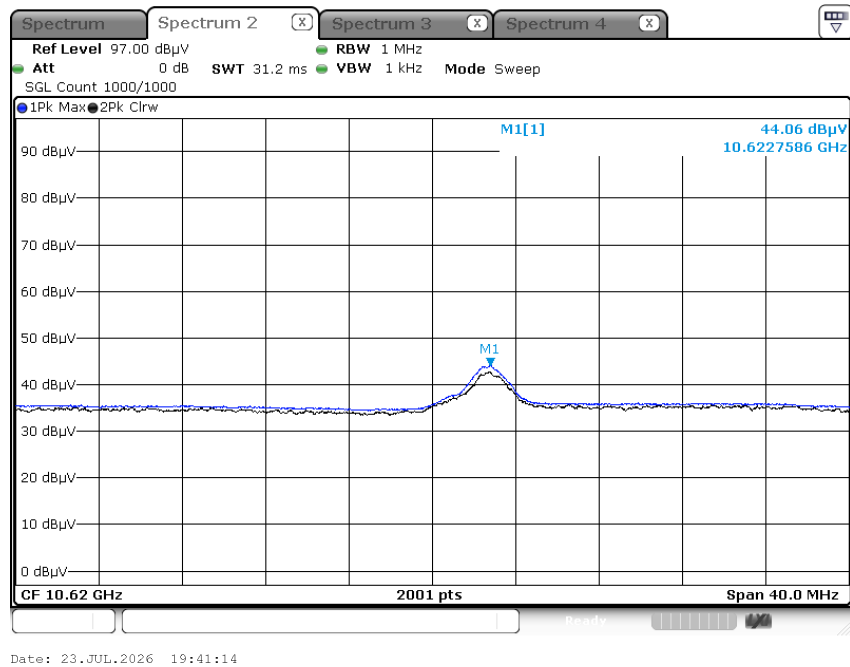
Test Plots

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

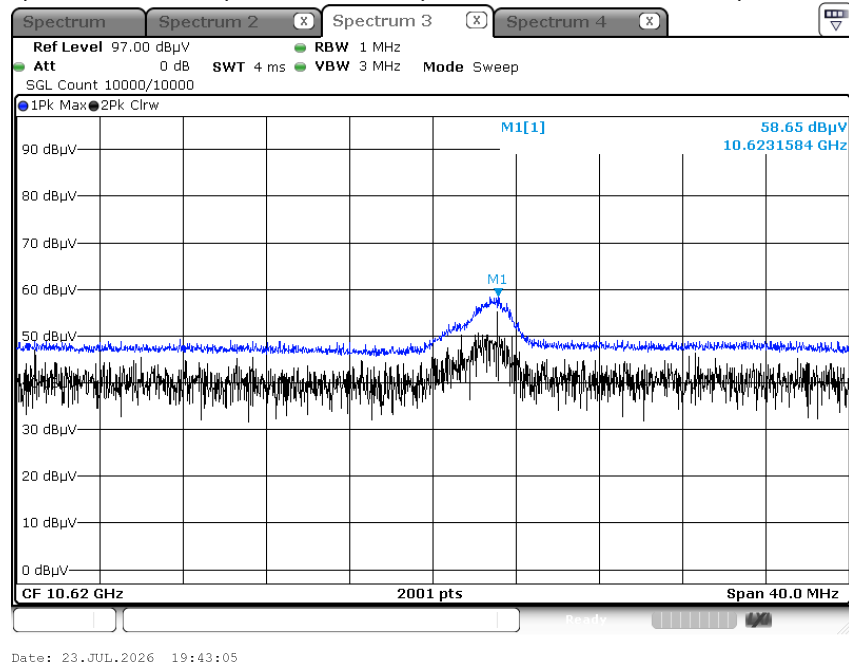
[MIMO_CDD(Ant.1+ Ant.2)]

[802.11ax(HE40) 26 Tone RU 9]

Radiated Spurious Emissions plot – Average result (802.11ax HE40, Ch.62 2nd Spurious Emission, Y-H)



Radiated Spurious Emissions plot – Peak result (802.11ax HE40, Ch.62 2nd Spurious Emission, Y-H)



[Simultaneous transmission Scenario]

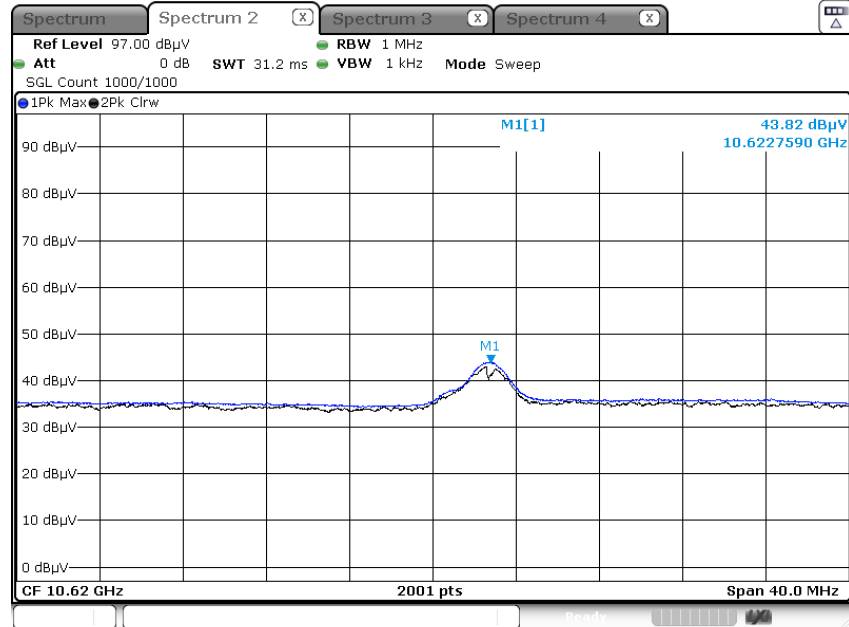
Scenario 2

BTLE 1M 37 Bytes Ch. 0 + 5G WLAN MIMO(CDD) 802.11ax[HE40] Ch. 62 26T RU 9 MCS0

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

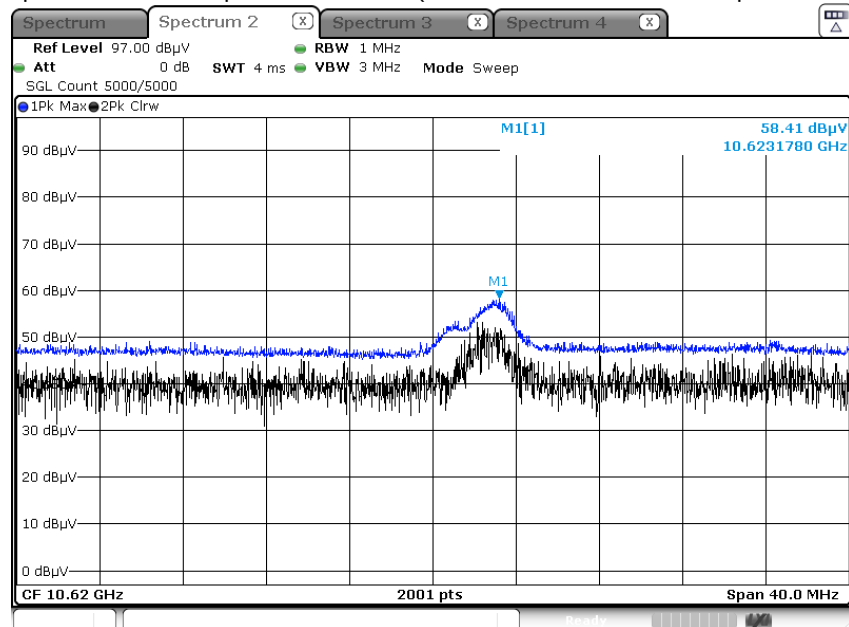
[802.11ax(HE40) 26 Tone RU 9]

Radiated Spurious Emissions plot – Average result (802.11ax HE40, Ch.62 2nd Spurious Emission, Y-H)



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Radiated Spurious Emissions plot – Peak result (802.11ax HE40, Ch.62 2nd Spurious Emission, Y-H)



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10.9 RADIATED RESTRICTED BAND EDGE

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

[UNII 1 Lower Edge]

[802.11ax[HE20], 26 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	58.83	H	58.83	73.98	15.15	PK
4500 - 5150	46.34	H	46.34	53.98	7.64	AV

[802.11ax[HE20], 52 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	57.79	H	57.79	73.98	16.19	PK
4500 - 5150	46.73	H	46.73	53.98	7.25	AV

[802.11ax[HE20], 106 Tone]

Operation Mode : 802.11ax_20 Tone & RU Index : 106T & 53 MCS index : MCS0
Channel No. : 36 Frequency : 5180 MHz Band : UNII-1

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	58.30	H	58.30	73.98	15.68	PK
4500 - 5150	46.58	H	46.58	53.98	7.40	AV

[802.11ax[HE20], 242 Tone]

Operation Mode : 802.11ax_20 Tone & RU Index : 242T & 61 MCS index : MCS0
Channel No. : 36 Frequency : 5180 MHz Band : UNII-1

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	60.47	H	60.47	73.98	13.51	PK
4500 - 5150	48.33	H	48.33	53.98	5.65	AV

[802.11ax[HE20], SU]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	59.37	H	59.37	73.98	14.61	PK
4500 - 5150	48.16	H	48.16	53.98	5.82	AV

[802.11ax[HE40], 26 Tone]

Operation Mode : 802.11ax_40 Tone & RU Index : 26T & 0 MCS index : MCS0
Channel No. : 38 Frequency : 5190 MHz Band : UNII-1

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	66.16	H	66.16	73.98	7.82	PK
4500 - 5150	49.80	H	49.80	53.98	4.18	AV

[802.11ax[HE40], 52 Tone]

Operation Mode : 802.11ax_40 Tone & RU Index : 52T & 37 MCS index : MCS0
Channel No. : 38 Frequency : 5190 MHz Band : UNII-1

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	62.61	H	62.61	73.98	11.37	PK
4500 - 5150	48.92	H	48.92	53.98	5.06	AV

[802.11ax[HE40], 106 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	61.40	H	61.40	73.98	12.58	PK
4500 - 5150	47.97	H	47.97	53.98	6.01	AV

[802.11ax[HE40], 242 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	58.52	H	58.52	73.98	15.46	PK
4500 - 5150	47.44	H	47.44	53.98	6.54	AV

[802.11ax[HE40], 484 Tone]

Operation Mode : 802.11ax_40 Tone & RU Index : 484T & 65 MCS index : MCS0
Channel No. : 38 Frequency : 5190 MHz Band : UNII-1

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	59.52	H	59.52	73.98	14.46	PK
4500 - 5150	47.58	H	47.58	53.98	6.40	AV

[802.11ax[HE40], SU]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	59.63	H	59.63	73.98	14.35	PK
4500 - 5150	47.50	H	47.50	53.98	6.48	AV

[802.11ax[HE80], 26 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	67.35	H	67.35	73.98	6.63	PK
4500 - 5150	50.83	H	50.83	53.98	3.15	AV

[802.11ax[HE80], 52 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	66.48	H	66.48	73.98	7.50	PK
4500 - 5150	49.87	H	49.87	53.98	4.11	AV

[802.11ax[HE80], 106 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	60.30	H	60.30	73.98	13.68	PK
4500 - 5150	49.29	H	49.29	53.98	4.69	AV

[802.11ax[HE80], 242 Tone]

Operation Mode : 802.11ax_80 Tone & RU Index : 242T & 61 MCS index : MCS0
Channel No. : 42 Frequency : 5210 MHz Band : UNII-1

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	59.53	H	59.53	73.98	14.45	PK
4500 - 5150	47.83	H	47.83	53.98	6.15	AV

[802.11ax[HE80], 484 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	59.33	H	59.33	73.98	14.65	PK
4500 - 5150	48.45	H	48.45	53.98	5.53	AV

[802.11ax[HE80], 996 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	62.16	H	62.16	73.98	11.82	PK
4500 - 5150	50.25	H	50.25	53.98	3.73	AV

[802.11ax[HE80], SU]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
4500 - 5150	61.32	H	61.32	73.98	12.66	PK
4500 - 5150	50.85	H	50.85	53.98	3.13	AV

[UNII 2A Upper Edge]
[802.11ax[HE20], 26 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	57.38	H	57.38	73.98	16.60	PK
5350 - 5460	45.41	H	45.41	53.98	8.57	AV

[802.11ax[HE20], 52 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	57.79	H	57.79	73.98	16.19	PK
5350 - 5460	45.12	H	45.12	53.98	8.86	AV

[802.11ax[HE20], 106 Tone]

Operation Mode : 802.11ax_20 Tone & RU Index : 106T & 54 MCS index : MCS0
Channel No. : 64 Frequency : 5320 MHz Band : UNII-2A

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	57.36	H	57.36	73.98	16.62	PK
5350 - 5460	45.12	H	45.12	53.98	8.86	AV

[802.11ax[HE20], 242 Tone]

Operation Mode : 802.11ax_20 Tone & RU Index : 242T & 61 MCS index : MCS0
Channel No. : 64 Frequency : 5320 MHz Band : UNII-2A

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.30	H	58.30	73.98	15.68	PK
5350 - 5460	46.49	H	46.49	53.98	7.49	AV

[802.11ax[HE20], SU]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.99	H	58.99	73.98	14.99	PK
5350 - 5460	46.28	H	46.28	53.98	7.70	AV

[802.11ax[HE40], 26 Tone]

Operation Mode : 802.11ax_40 Tone & RU Index : 26T & 17 MCS index : MCS0
Channel No. : 62 Frequency : 5310 MHz Band : UNII-2A

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	65.60	H	65.60	73.98	8.38	PK
5350 - 5460	48.56	H	48.56	53.98	5.42	AV

[802.11ax[HE40], 52 Tone]

Operation Mode : 802.11ax_40 Tone & RU Index : 52T & 44 MCS index : MCS0
Channel No. : 62 Frequency : 5310 MHz Band : UNII-2A

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	64.36	H	64.36	73.98	9.62	PK
5350 - 5460	48.46	H	48.46	53.98	5.52	AV

[802.11ax[HE40], 106 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	60.91	H	60.91	73.98	13.07	PK
5350 - 5460	46.57	H	46.57	53.98	7.41	AV

[802.11ax[HE40], 242 Tone]

Operation Mode : 802.11ax_40 Tone & RU Index : 242T & 62 MCS index : MCS0
Channel No. : 62 Frequency : 5310 MHz Band : UNII-2A

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	57.99	H	57.99	73.98	15.99	PK
5350 - 5460	45.61	H	45.61	53.98	8.37	AV

[802.11ax[HE40], 484 Tone]

Operation Mode : 802.11ax_40 Tone & RU Index : 484T & 65 MCS index : MCS0
Channel No. : 62 Frequency : 5310 MHz Band : UNII-2A

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.72	H	58.72	73.98	15.26	PK
5350 - 5460	46.58	H	46.58	53.98	7.40	AV

[802.11ax[HE40], SU]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.04	H	59.04	73.98	14.94	PK
5350 - 5460	46.46	H	46.46	53.98	7.52	AV

[802.11ax[HE80], 26 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	65.70	H	65.70	73.98	8.28	PK
5350 - 5460	50.72	H	50.72	53.98	3.26	AV

[802.11ax[HE80], 52 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	63.81	H	63.81	73.98	10.17	PK
5350 - 5460	50.49	H	50.49	53.98	3.49	AV

[802.11ax[HE80], 106 Tone]

Operation Mode : 802.11ax_80 Tone & RU Index : 106T & 60 MCS index : MCS0
Channel No. : 58 Frequency : 5290 MHz Band : UNII-2A

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.37	H	59.37	73.98	14.61	PK
5350 - 5460	47.86	H	47.86	53.98	6.12	AV

[802.11ax[HE80], 242 Tone]

Operation Mode : 802.11ax_80 Tone & RU Index : 242T & 64 MCS index : MCS0
Channel No. : 58 Frequency : 5290 MHz Band : UNII-2A

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.81	H	58.81	73.98	15.17	PK
5350 - 5460	46.79	H	46.79	53.98	7.19	AV

[802.11ax[HE80], 484 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.01	H	59.01	73.98	14.97	PK
5350 - 5460	47.47	H	47.47	53.98	6.51	AV

[802.11ax[HE80], 996 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	63.33	H	63.33	73.98	10.65	PK
5350 - 5460	50.93	H	50.93	53.98	3.05	AV

[802.11ax[HE80], SU]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	62.42	H	62.42	73.98	11.56	PK
5350 - 5460	50.30	H	50.30	53.98	3.68	AV

[UNII 2C Lower Edge]
[802.11ax[HE20], 26 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.84	H	58.84	73.98	15.14	PK
5350 - 5460	45.78	H	45.78	53.98	8.20	AV
5460 - 5470	58.82	H	58.82	68.20	9.38	PK

[802.11ax[HE20], 52 Tone]

Operation Mode : 802.11ax_20 Tone & RU Index : 52T & 37 MCS index : MCS0
Channel No. : 100 Frequency : 5500 MHz Band : UNII-2C

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.35	H	58.35	73.98	15.63	PK
5350 - 5460	45.61	H	45.61	53.98	8.37	AV
5460 - 5470	58.20	H	58.20	68.20	10.00	PK

[802.11ax[HE20], 106 Tone]

Operation Mode : 802.11ax_20 Tone & RU Index : 106T & 53 MCS index : MCS0
Channel No. : 100 Frequency : 5500 MHz Band : UNII-2C

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.04	H	59.04	73.98	14.94	PK
5350 - 5460	45.49	H	45.49	53.98	8.49	AV
5460 - 5470	58.50	H	58.50	68.20	9.70	PK

[802.11ax[HE20], 242 Tone]

Operation Mode : 802.11ax_20 Tone & RU Index : 242T & 61 MCS index : MCS0
Channel No. : 100 Frequency : 5500 MHz Band : UNII-2C

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	60.47	H	60.47	73.98	13.51	PK
5350 - 5460	47.83	H	47.83	53.98	6.15	AV
5460 - 5470	61.40	H	61.40	68.20	6.80	PK

[802.11ax[HE20], SU]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.61	H	59.61	73.98	14.37	PK
5350 - 5460	47.07	H	47.07	53.98	6.91	AV
5460 - 5470	59.97	H	59.97	68.20	8.23	PK

[802.11ax[HE40], 26 Tone]

Operation Mode : 802.11ax_40 Tone & RU Index : 26T & 0 MCS index : MCS0
Channel No. : 102 Frequency : 5510 MHz Band : UNII-2C

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	69.71	H	69.71	73.98	4.27	PK
5350 - 5460	47.78	H	47.78	53.98	6.20	AV
5460 - 5470	58.00	H	58.00	68.20	10.20	PK

[802.11ax[HE40], 52 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	65.30	H	65.30	73.98	8.68	PK
5350 - 5460	47.60	H	47.60	53.98	6.38	AV
5460 - 5470	63.95	H	63.95	68.20	4.25	PK

[802.11ax[HE40], 106 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.03	H	59.03	73.98	14.95	PK
5350 - 5460	45.84	H	45.84	53.98	8.14	AV
5460 - 5470	60.39	H	60.39	68.20	7.81	PK

[802.11ax[HE40], 242 Tone]

Operation Mode : 802.11ax_40 Tone & RU Index : 242T & 61 MCS index : MCS0
Channel No. : 102 Frequency : 5510 MHz Band : UNII-2C

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.08	H	58.08	73.98	15.90	PK
5350 - 5460	45.16	H	45.16	53.98	8.82	AV
5460 - 5470	58.53	H	58.53	68.20	9.67	PK

[802.11ax[HE40], 484 Tone]

Operation Mode : 802.11ax_40 Tone & RU Index : 484T & 65 MCS index : MCS0
Channel No. : 102 Frequency : 5510 MHz Band : UNII-2C

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.55	H	58.55	73.98	15.43	PK
5350 - 5460	46.20	H	46.20	53.98	7.78	AV
5460 - 5470	59.99	H	59.99	68.20	8.21	PK

[802.11ax[HE40], SU]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.95	H	58.95	73.98	15.03	PK
5350 - 5460	46.16	H	46.16	53.98	7.82	AV
5460 - 5470	60.12	H	60.12	68.20	8.08	PK

[802.11ax[HE80], 26 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	64.79	H	64.79	73.98	9.19	PK
5350 - 5460	50.88	H	50.88	53.98	3.10	AV
5460 - 5470	57.28	H	57.28	68.20	10.92	PK

[802.11ax[HE80], 52 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	64.30	H	64.30	73.98	9.68	PK
5350 - 5460	49.37	H	49.37	53.98	4.61	AV
5460 - 5470	57.51	H	57.51	68.20	10.69	PK

[802.11ax[HE80], 106 Tone]

Operation Mode : 802.11ax_80 Tone & RU Index : 106T & 53 MCS index : MCS0
Channel No. : 106 Frequency : 5530 MHz Band : UNII-2C

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	59.70	H	59.70	73.98	14.28	PK
5350 - 5460	47.99	H	47.99	53.98	5.99	AV
5460 - 5470	59.87	H	59.87	68.20	8.33	PK

[802.11ax[HE80], 242 Tone]

Operation Mode : 802.11ax_80 Tone & RU Index : 242T & 61 MCS index : MCS0
Channel No. : 106 Frequency : 5530 MHz Band : UNII-2C

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	60.07	H	60.07	73.98	13.91	PK
5350 - 5460	45.44	H	45.44	53.98	8.54	AV
5460 - 5470	58.57	H	58.57	68.20	9.63	PK

[802.11ax[HE80], 484 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	58.62	H	58.62	73.98	15.36	PK
5350 - 5460	45.92	H	45.92	53.98	8.06	AV
5460 - 5470	59.96	H	59.96	68.20	8.24	PK

[802.11ax[HE80], 996 Tone]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	60.71	H	60.71	73.98	13.27	PK
5350 - 5460	47.87	H	47.87	53.98	6.11	AV
5460 - 5470	60.25	H	60.25	68.20	7.95	PK

[802.11ax[HE80], SU]

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

Frequency [MHz]	Measured Value [dBμV]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5350 - 5460	61.04	H	61.04	73.98	12.94	PK
5350 - 5460	49.33	H	49.33	53.98	4.65	AV
5460 - 5470	60.75	H	60.75	68.20	7.45	PK

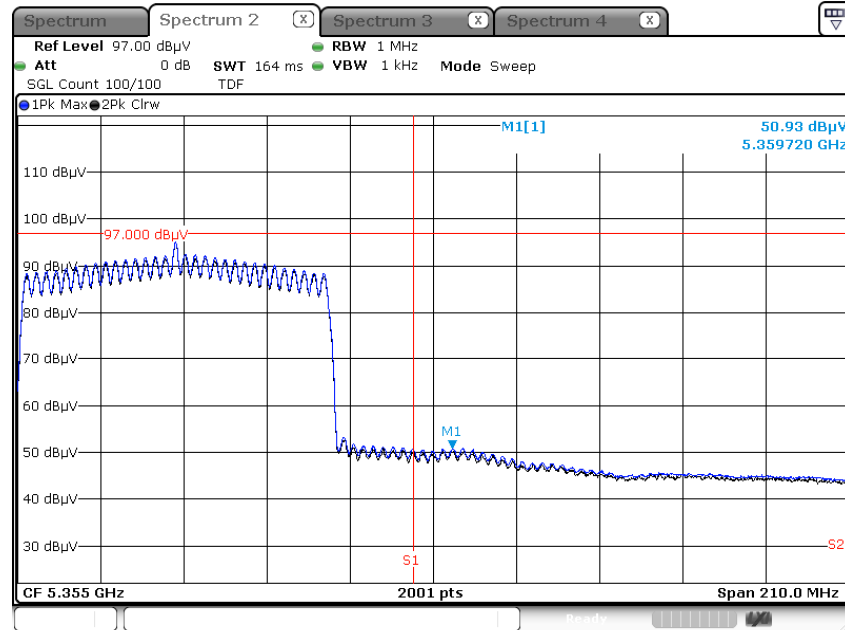
Note:

All modes of operation were investigated and the worst case configuration results are reported.
In order to simplify the report, We only have attached Bandedge result of worst case.

Test Plots(UNII 1, 2A, 2C)

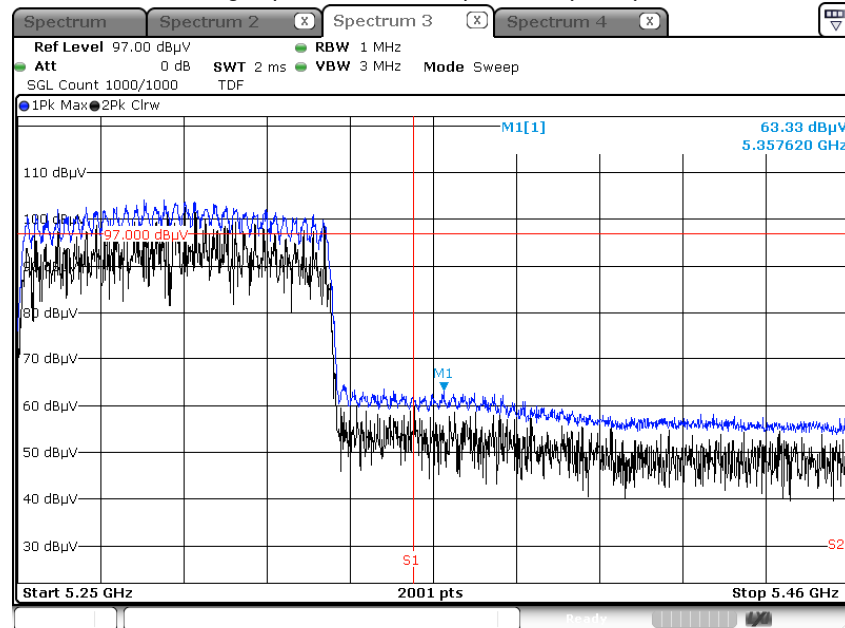
[MIMO_CDD(Ant.1+ Ant.2)]

Radiated Restricted Band Edges plot - Average result (802.11ax(HE80) 996T 67RU, Ch.58, X-H)



Date: 27.JUL.2026 01:43:53

Radiated Restricted Band Edges plot - Peak result (802.11ax(HE80) 996T 67RU, Ch.58, X-H)

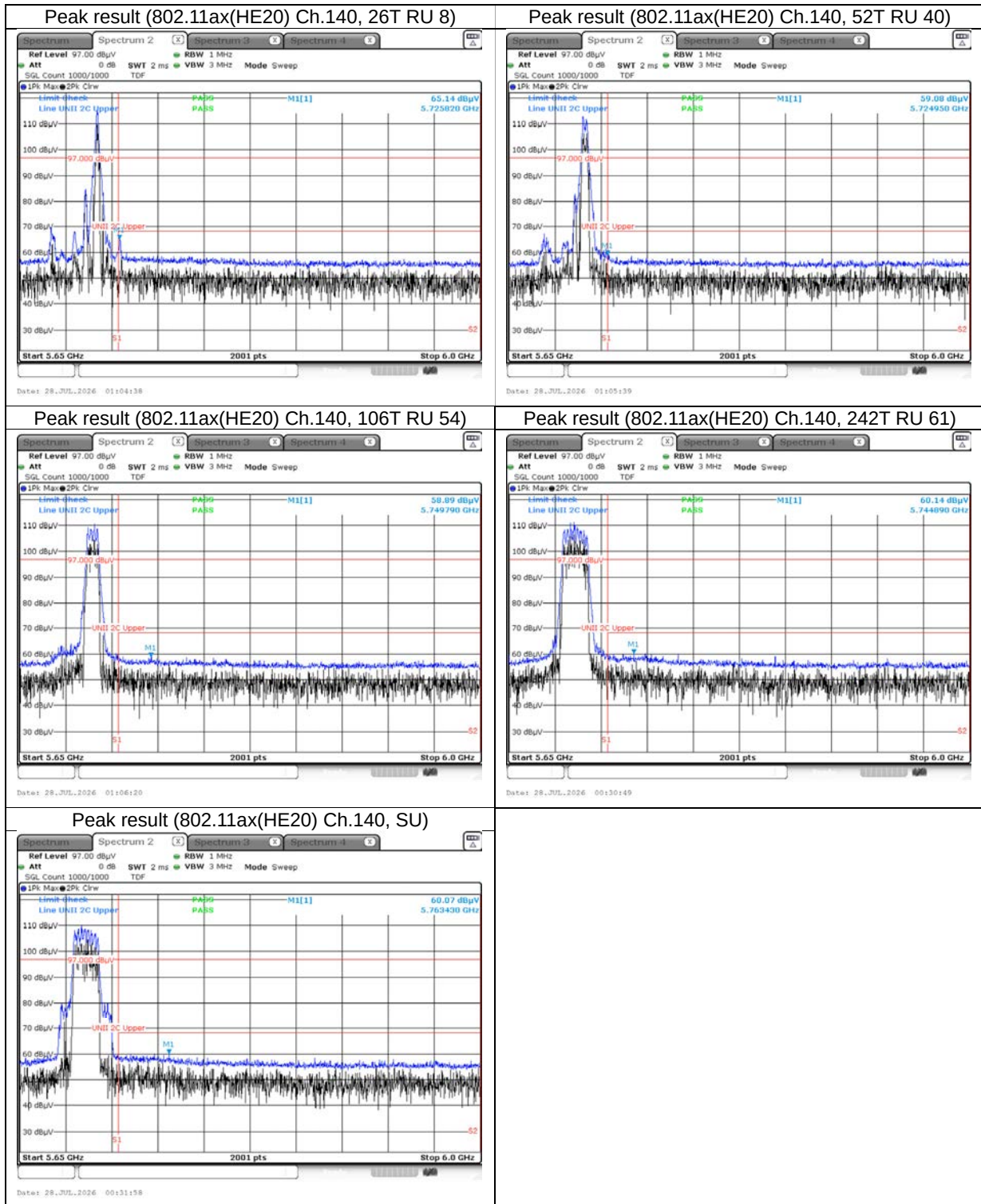


Date: 27.JUL.2026 01:44:20

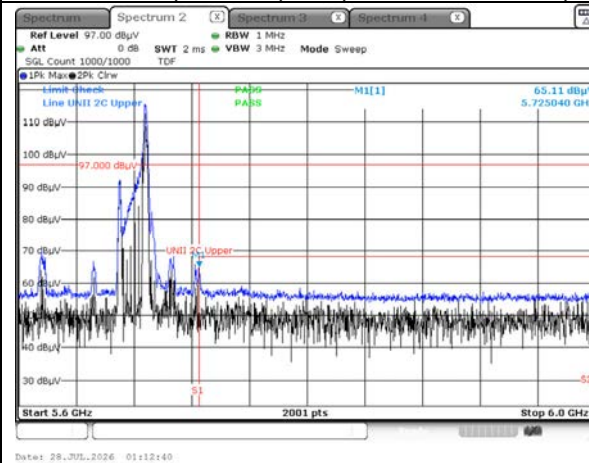
Note:

Only the worst case plots for Radiated Restricted Band Edge.

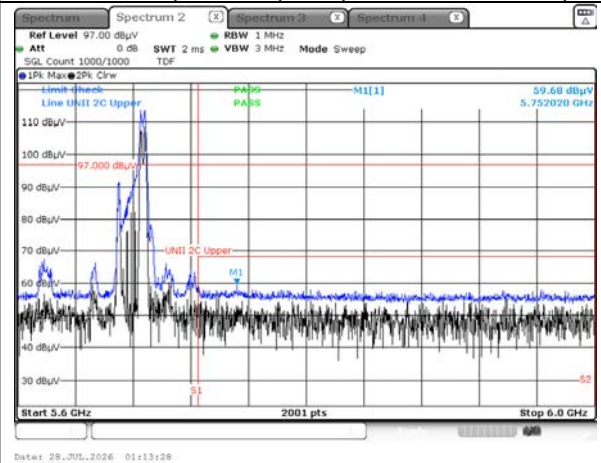
Test Plots(UNII2C_Upper Edge)



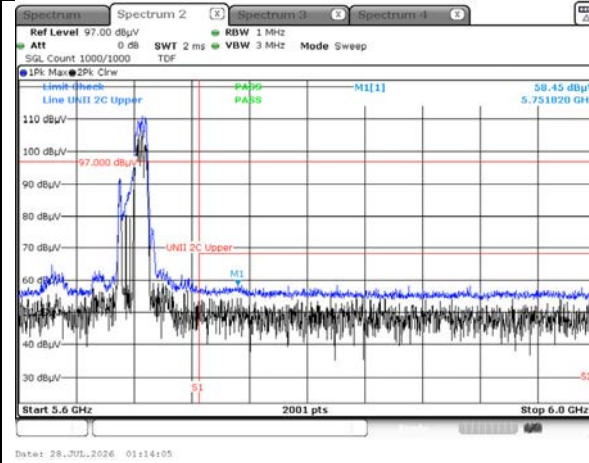
Peak result (802.11ax(HE40) Ch.134, 26T RU 17)



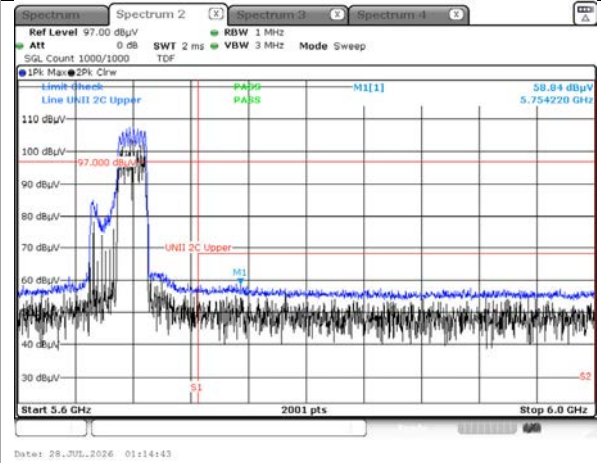
Peak result (802.11ax(HE40) Ch.134, 52T RU 44)



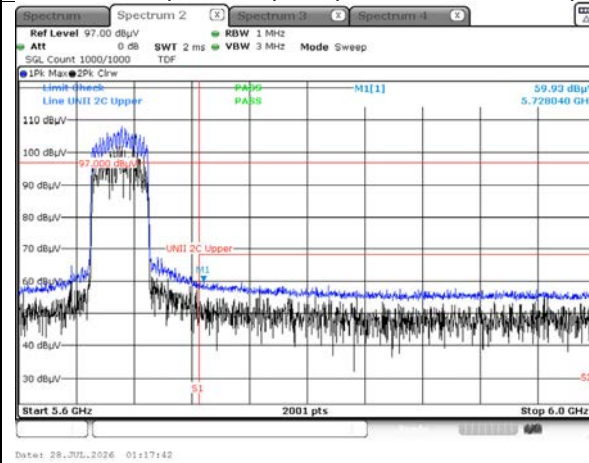
Peak result (802.11ax(HE40) Ch.134, 106T RU 56)



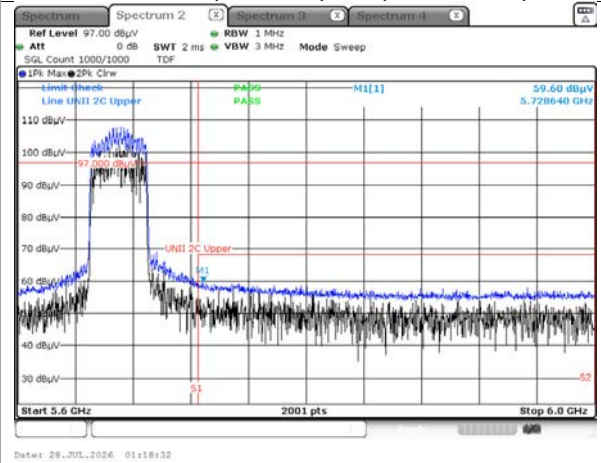
Peak result (802.11ax(HE40) Ch.134, 242T RU 62)



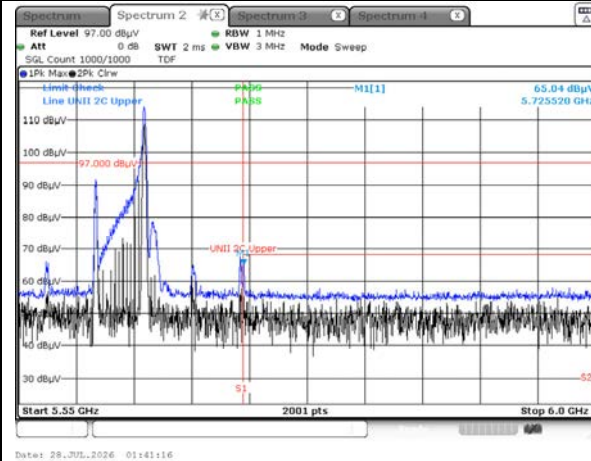
Peak result (802.11ax(HE40) Ch.134, 484T RU 65)



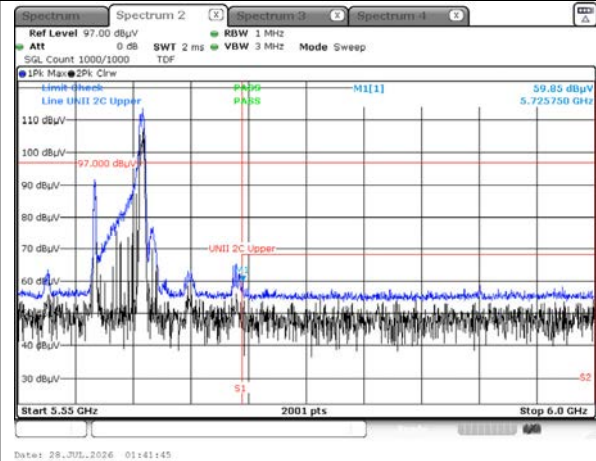
Peak result (802.11ax(HE40) Ch.134, SU)



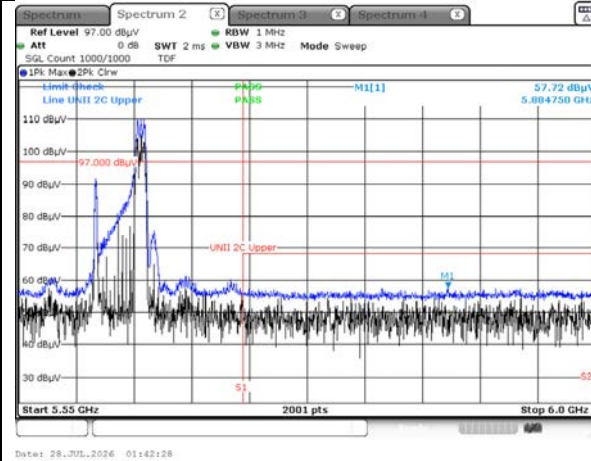
Peak result (802.11ax(HE80) Ch.122, 26T RU 36)



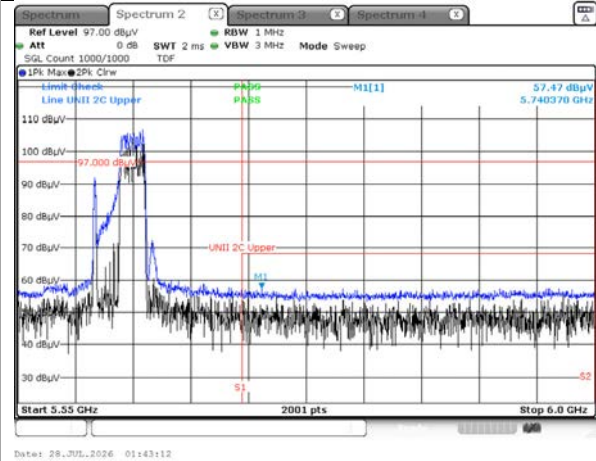
Peak result (802.11ax(HE80) Ch.122, 52T RU 52)



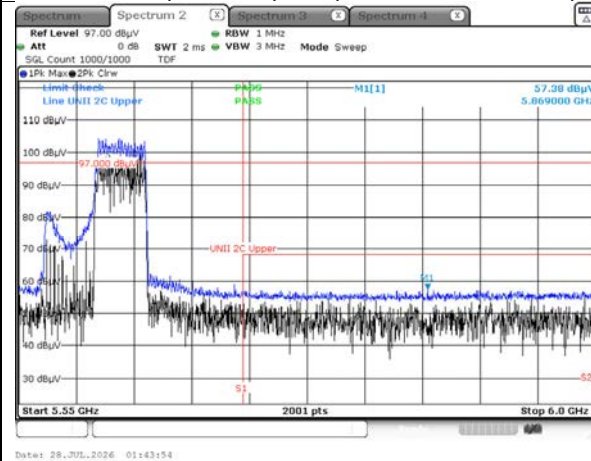
Peak result (802.11ax(HE80) Ch.122, 106T RU 60)



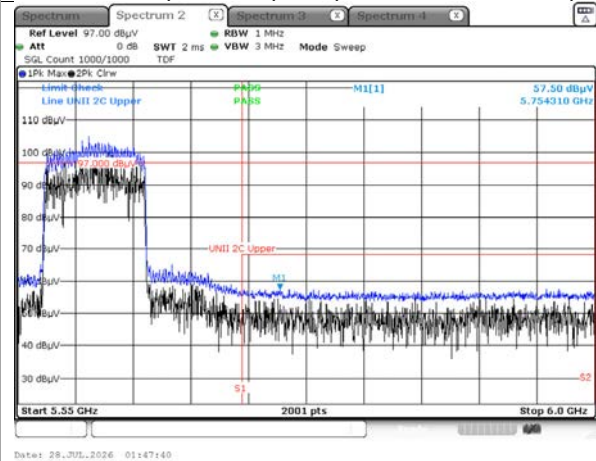
Peak result (802.11ax(HE80) Ch.122, 242T RU 64)

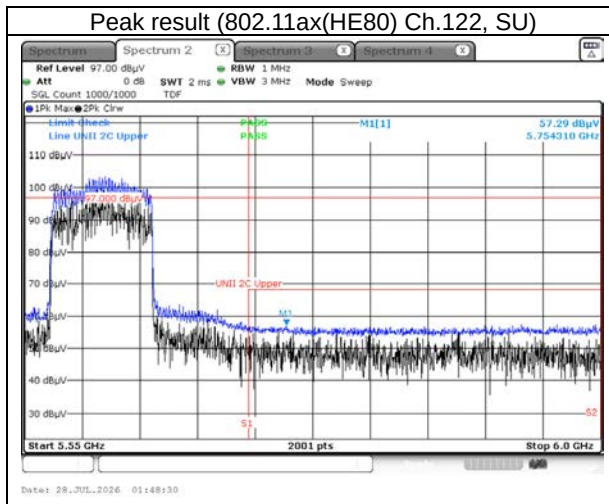


Peak result (802.11ax(HE80) Ch.122, 484T RU 66)



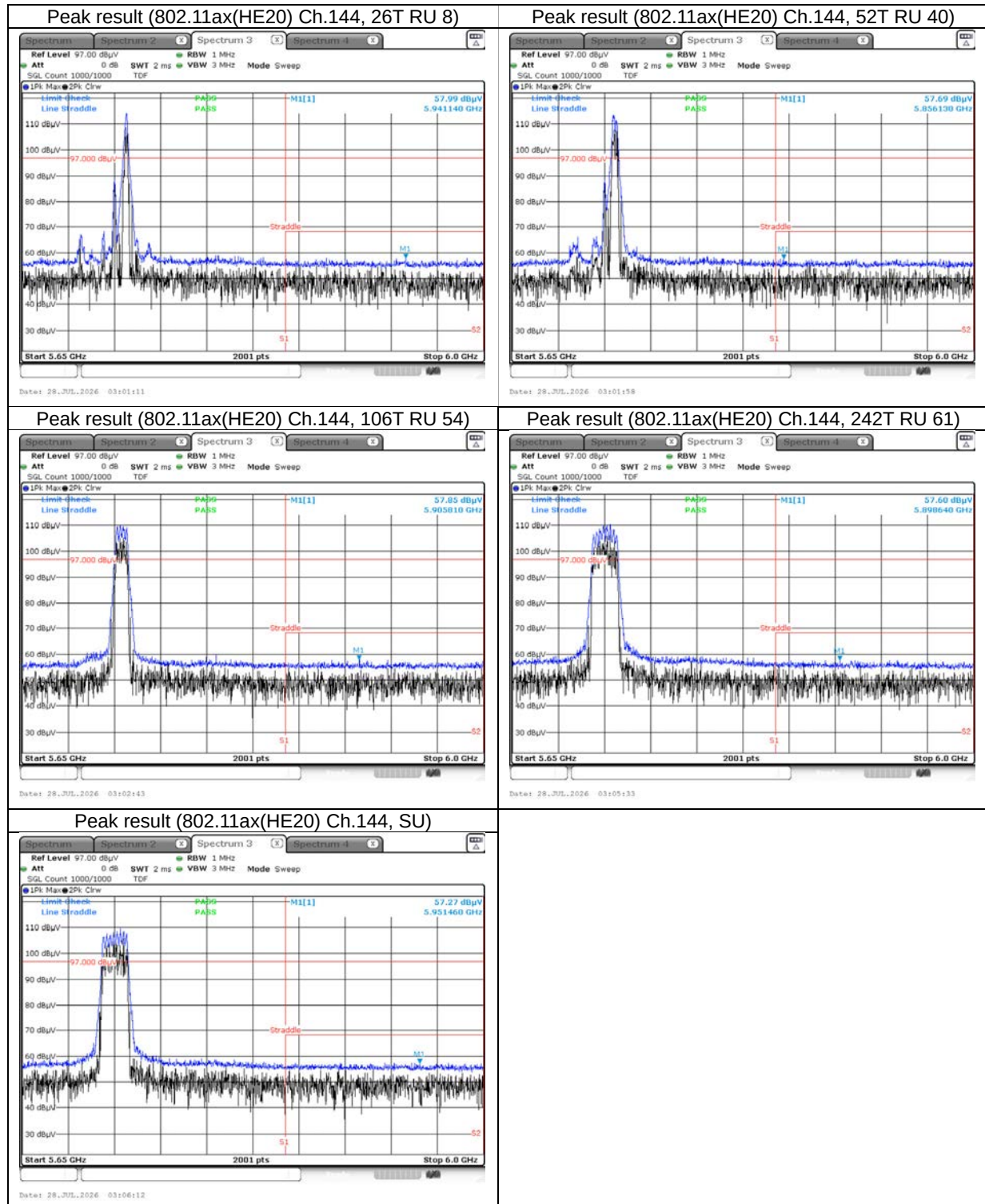
Peak result (802.11ax(HE80) Ch.122, 996T RU 67)



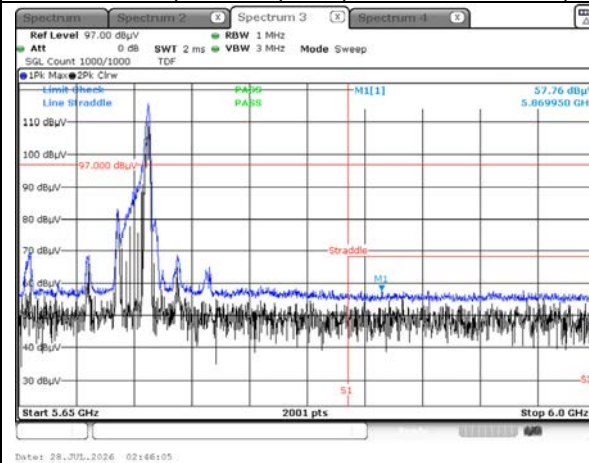


Test Plots(Straddle Channel Upper edge)

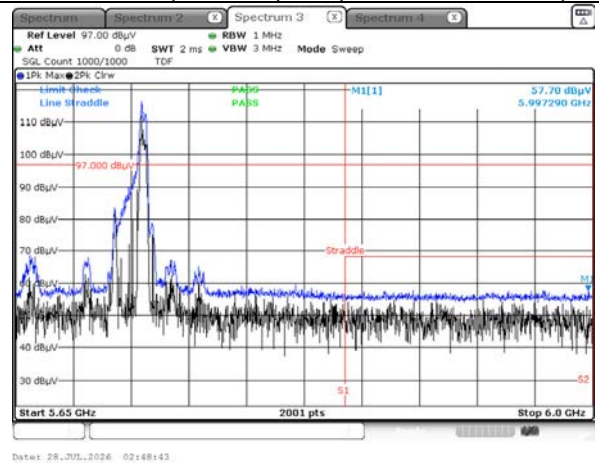
[MIMO_CDD(Ant.1+ Ant.2)]



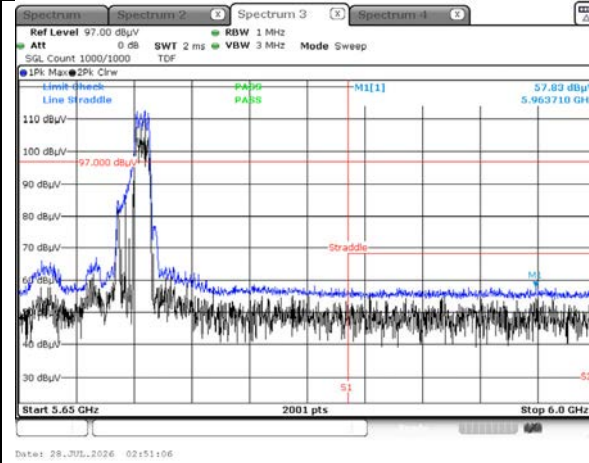
Peak result (802.11ax(HE40) Ch.142, 26T RU 17)



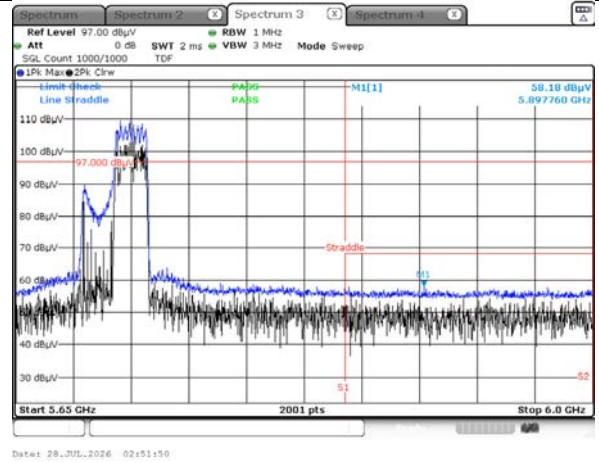
Peak result (802.11ax(HE40) Ch.142, 52T RU 44)



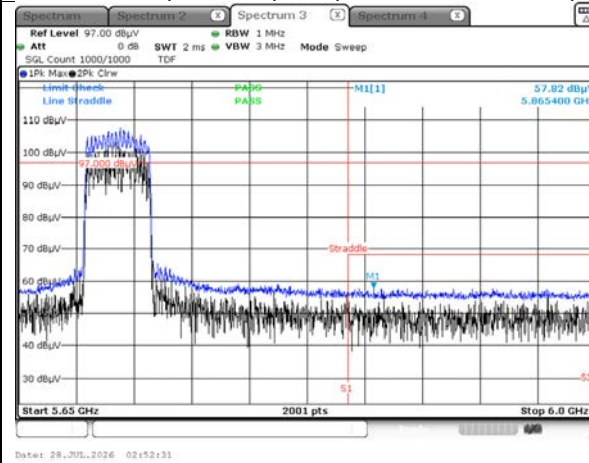
Peak result (802.11ax(HE40) Ch.142, 106T RU 56)



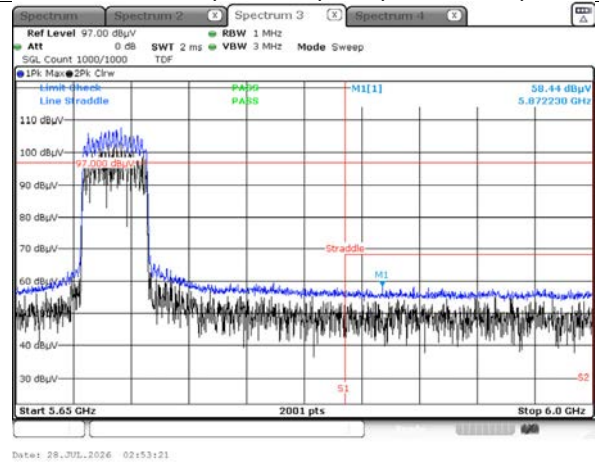
Peak result (802.11ax(HE40) Ch.142, 242T RU 62)



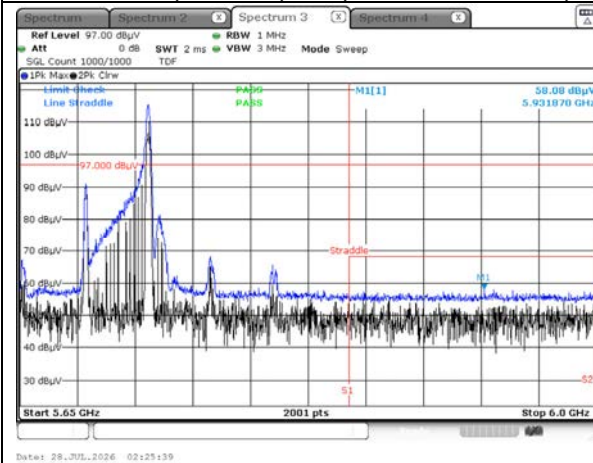
Peak result (802.11ax(HE40) Ch.142, 484T RU 65)



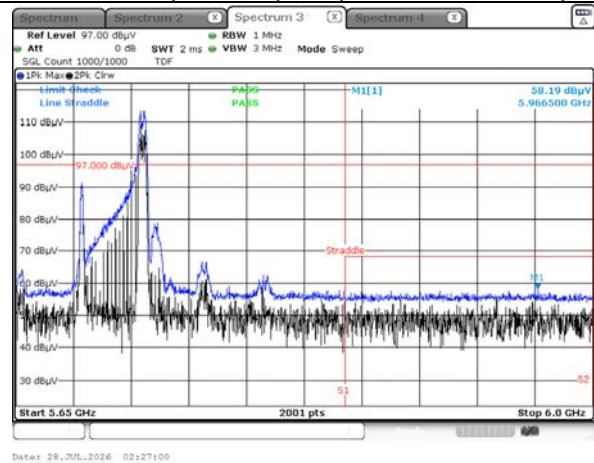
Peak result (802.11ax(HE40) Ch.142, SU)



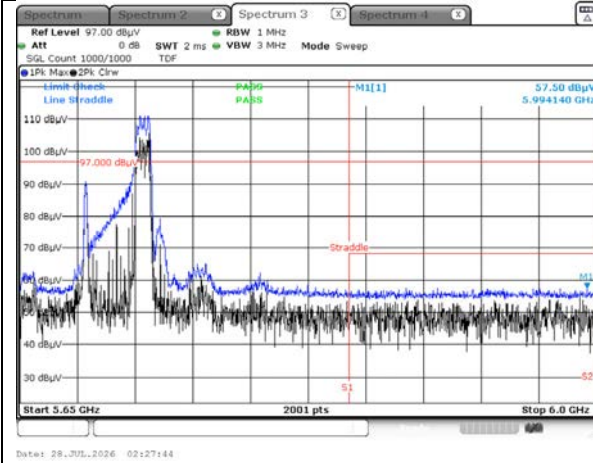
Peak result (802.11ax(HE80) Ch.138, 26T RU 36)



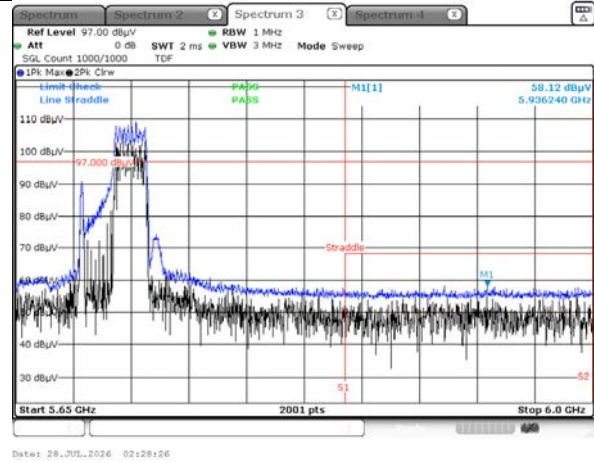
Peak result (802.11ax(HE80) Ch.138, 52T RU 52)



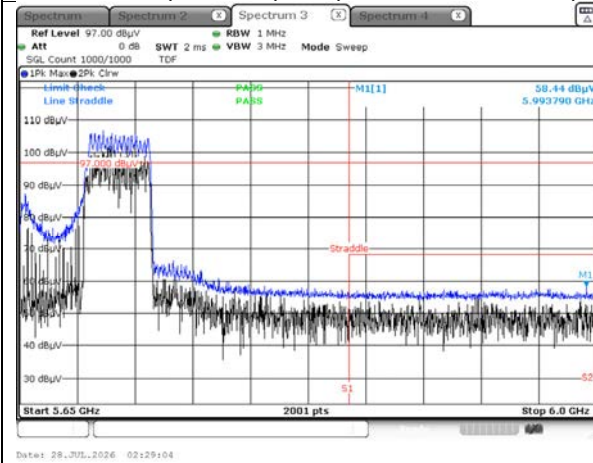
Peak result (802.11ax(HE80) Ch.138, 106T RU 60)



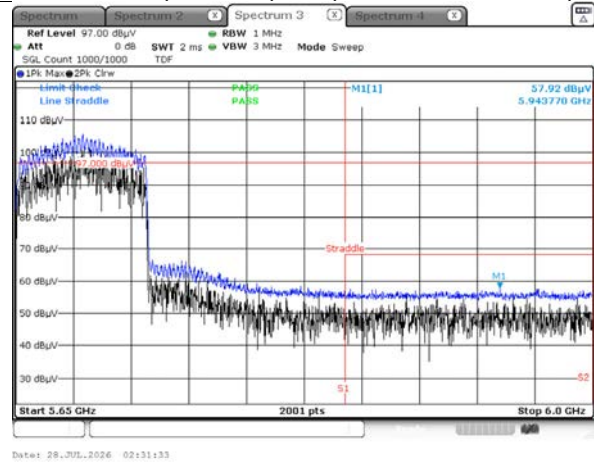
Peak result (802.11ax(HE80) Ch.138, 242T RU 64)

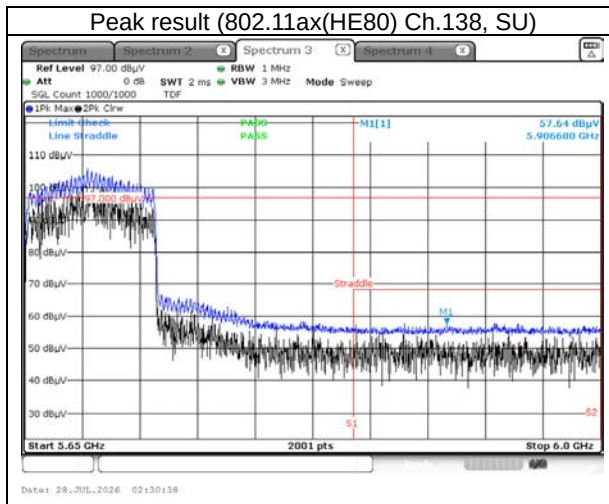


Peak result (802.11ax(HE80) Ch.138, 484T RU 66)



Peak result (802.11ax(HE80) Ch.138, 996T RU 67)



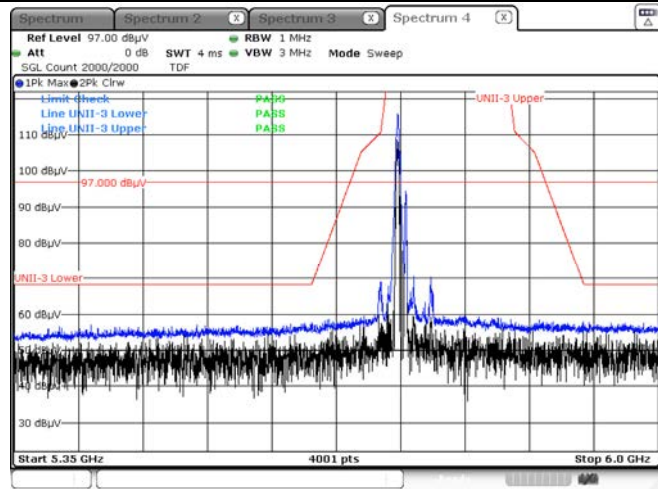


Note :

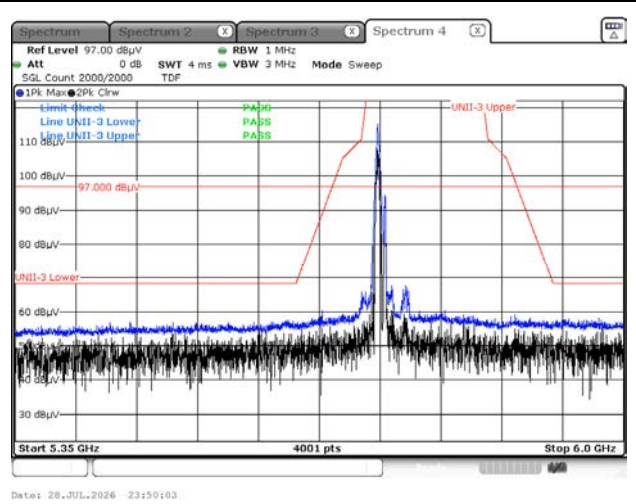
1. Only the worst case plots for Straddle channel.
2. Red line : 5 850 MHz

Test Plots(UNII 3 Lower Edge)
[MIMO_CDD(Ant.1+ Ant.2)]

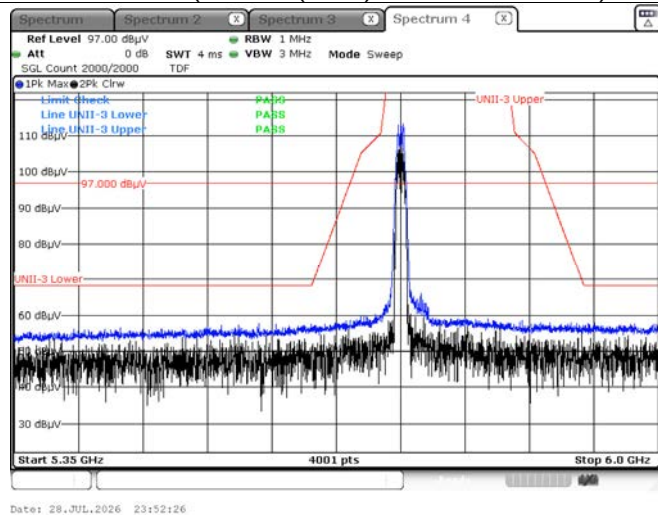
Peak result (802.11ax(HE20) Ch.149, 26T RU 0)



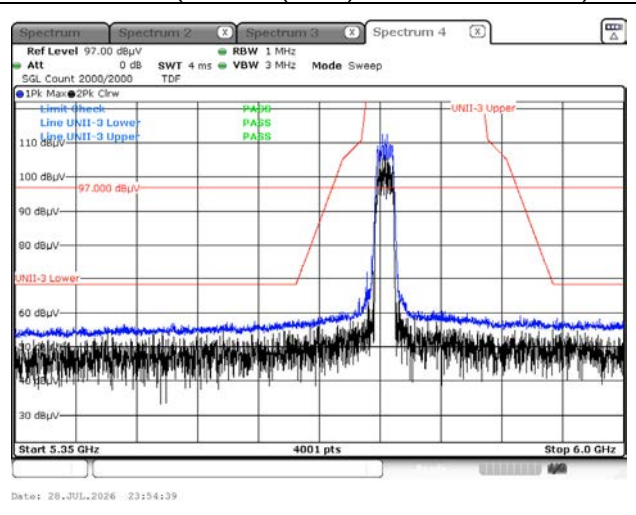
Peak result (802.11ax(HE20) Ch.149, 52T RU 37)



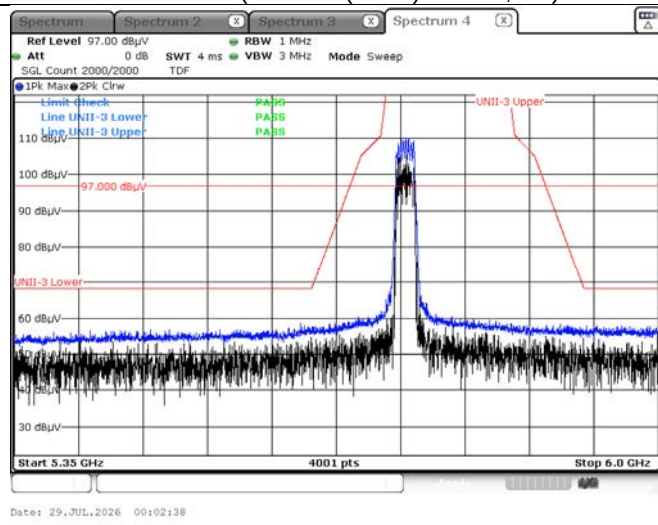
Peak result (802.11ax(HE20) Ch.149, 106T RU 53)



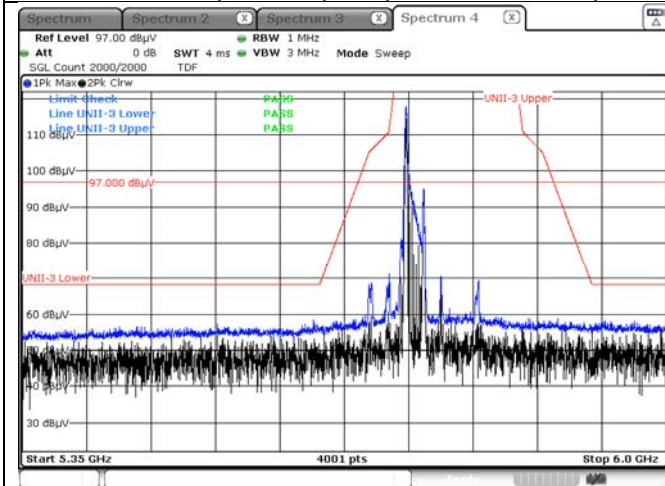
Peak result (802.11ax(HE20) Ch.149, 242T RU 61)



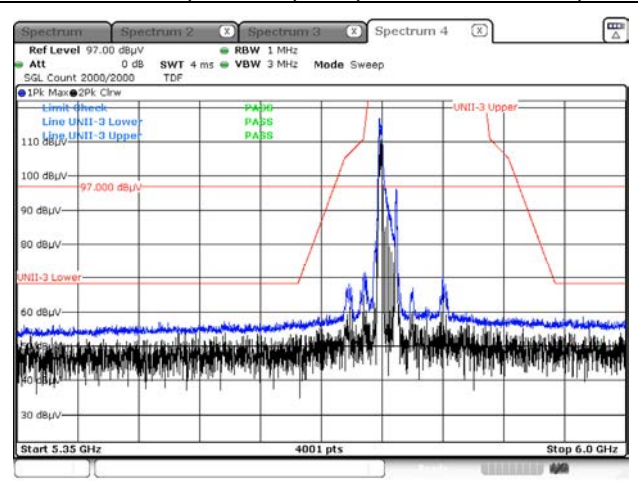
Peak result (802.11ax(HE20) Ch.149, SU)



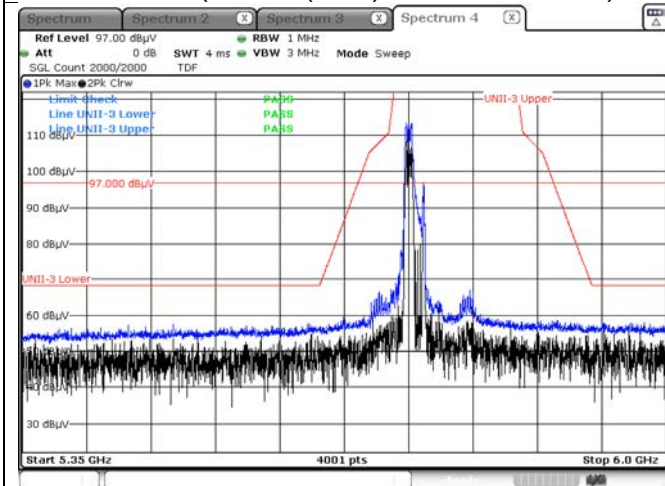
Peak result (802.11ax(HE40) Ch.151, 26T RU 0)



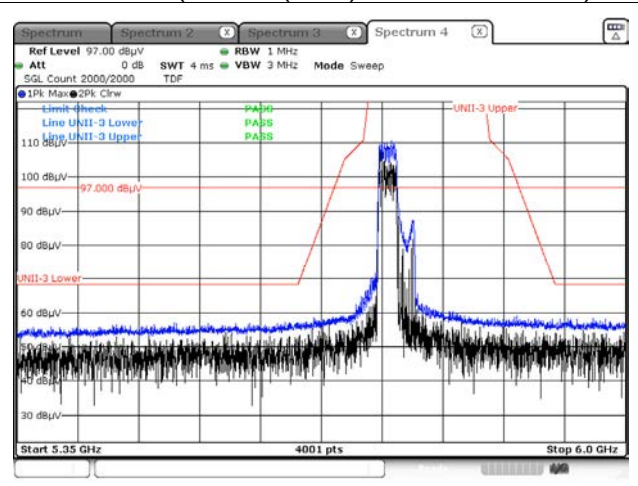
Peak result (802.11ax(HE40) Ch.151, 52T RU 37)



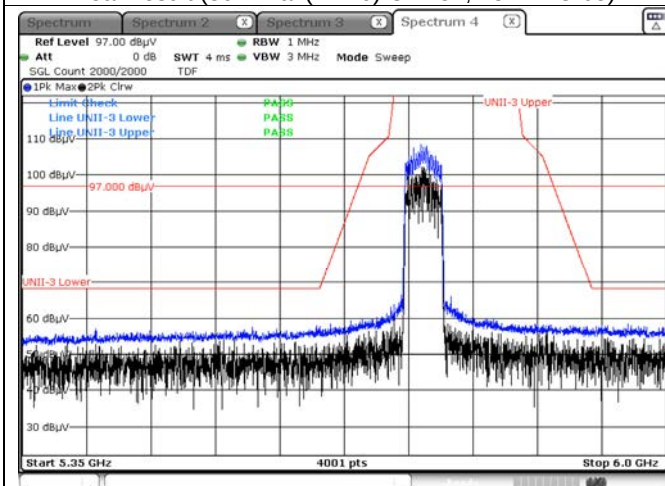
Peak result (802.11ax(HE40) Ch.151, 106T RU 53)



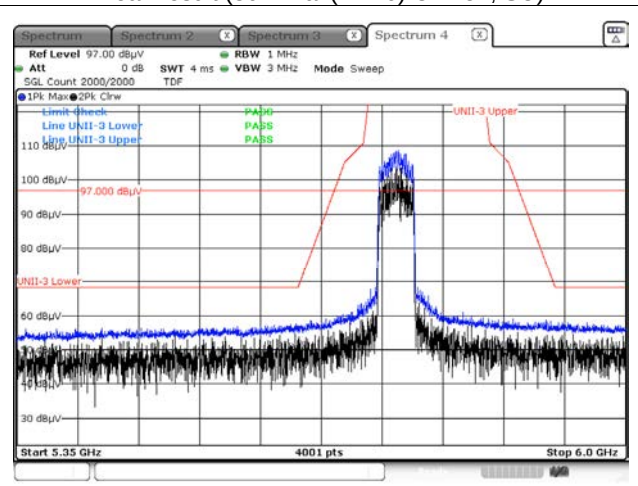
Peak result (802.11ax(HE40) Ch.151, 242T RU 61)



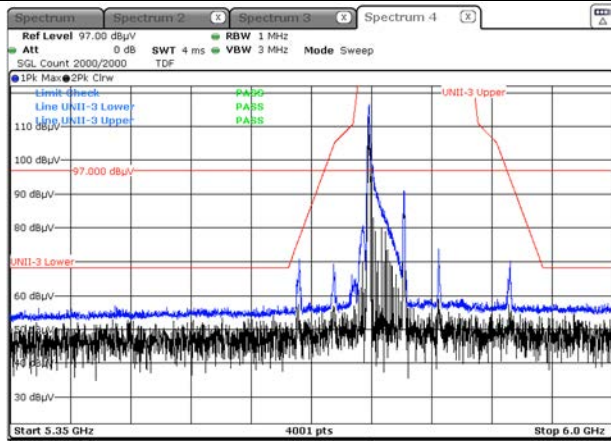
Peak result (802.11ax(HE40) Ch.151, 484T RU 65)



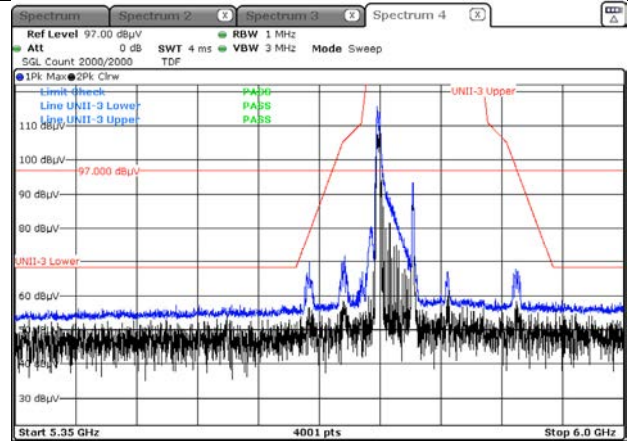
Peak result (802.11ax(HE40) Ch.151, SU)



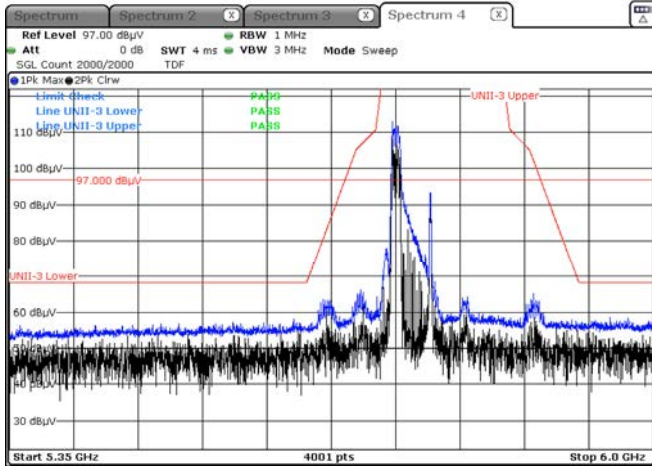
Peak result (802.11ax(HE80) Ch.155, 26T RU 0)



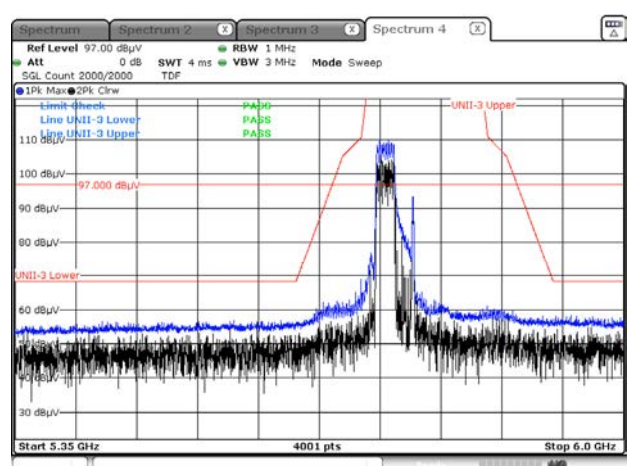
Peak result (802.11ax(HE80) Ch.155, 52T RU 37)



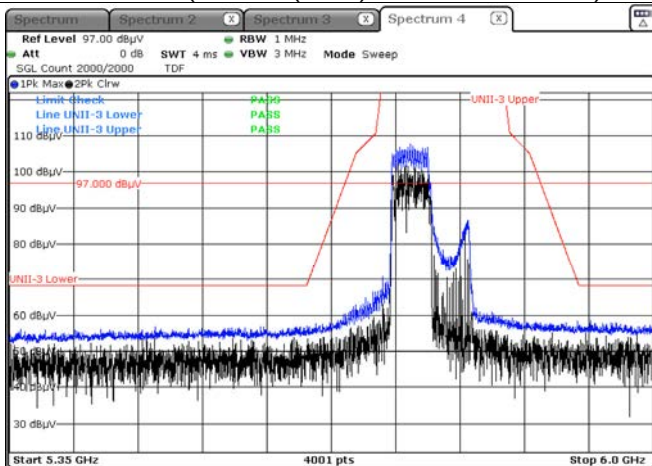
Peak result (802.11ax(HE80) Ch.155, 106T RU 53)



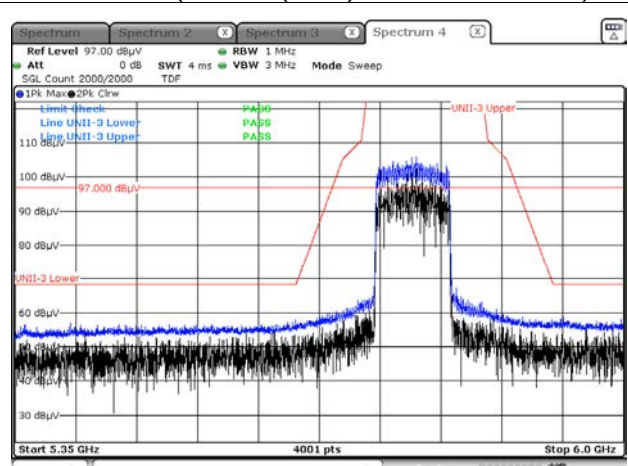
Peak result (802.11ax(HE80) Ch.155, 242T RU 61)

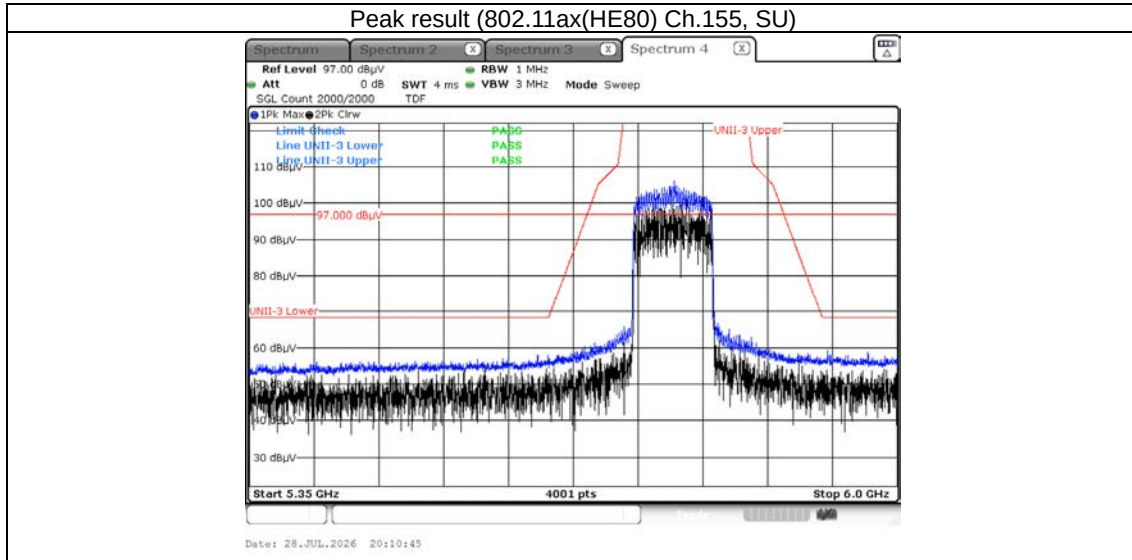


Peak result (802.11ax(HE80) Ch.155, 484T RU 65)



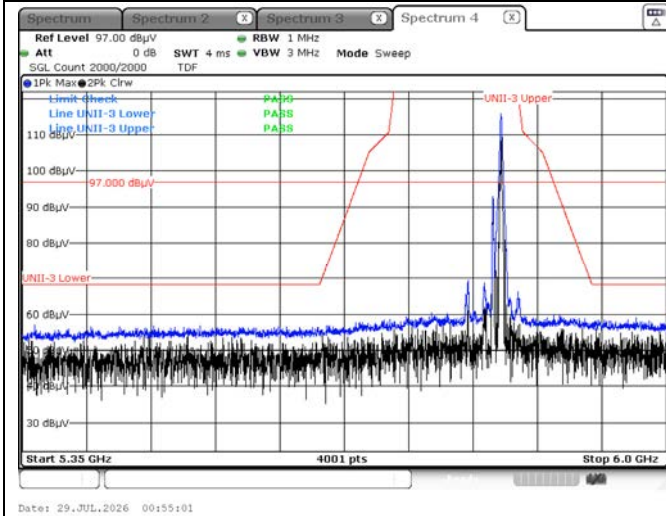
Peak result (802.11ax(HE80) Ch.155, 996T RU 67)



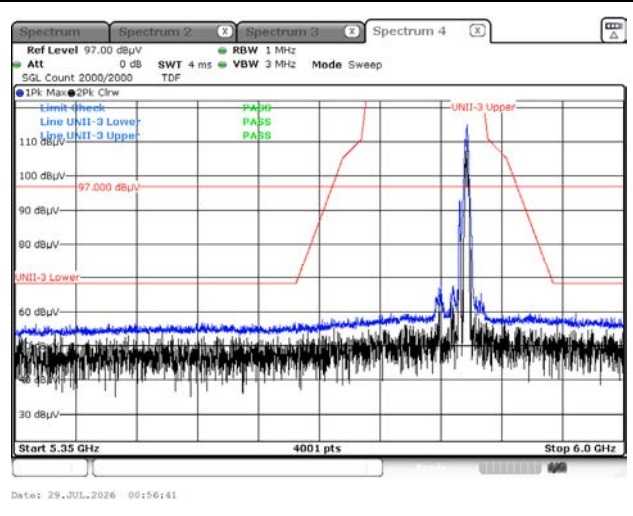


Test Plots(UNII 3 Upper Edge)
[MIMO_CDD(Ant.1+ Ant.2)]

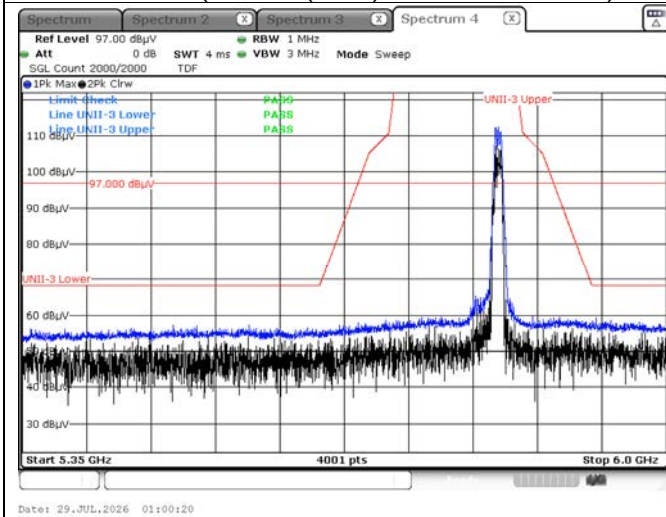
Peak result (802.11ax(HE20) Ch.165, 26T RU 8)



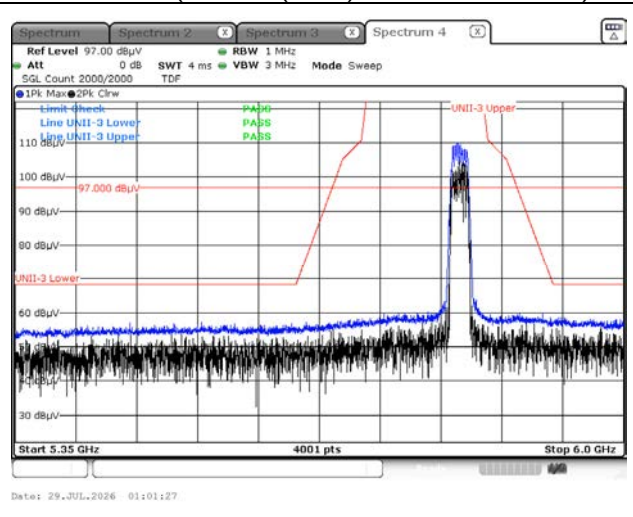
Peak result (802.11ax(HE20) Ch.165, 52T RU 40)



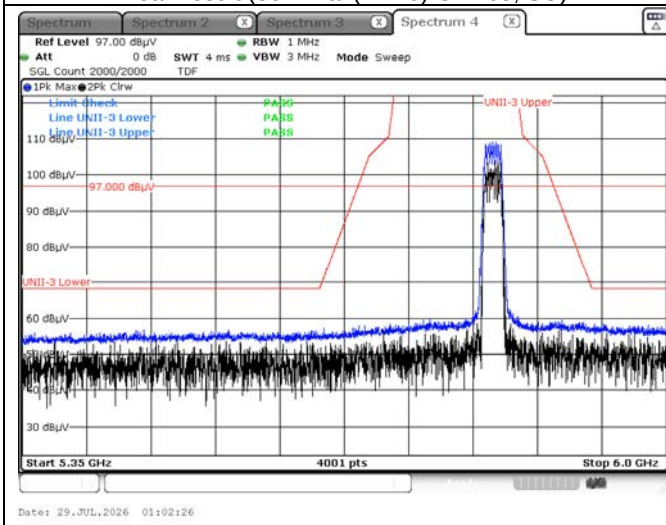
Peak result (802.11ax(HE20) Ch.165, 106T RU 54)



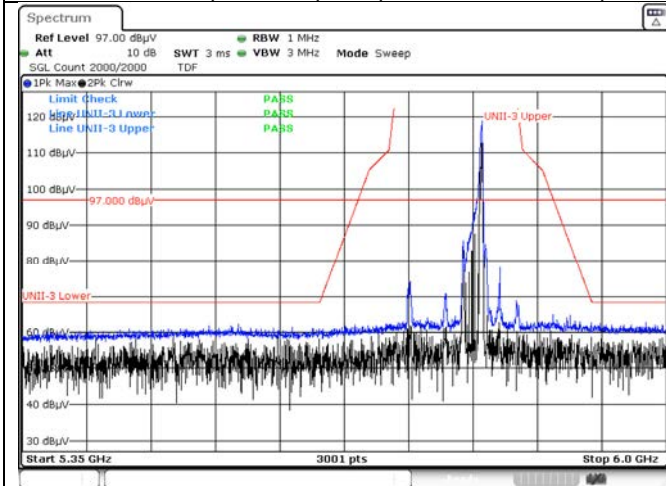
Peak result (802.11ax(HE20) Ch.165, 242T RU 61)



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

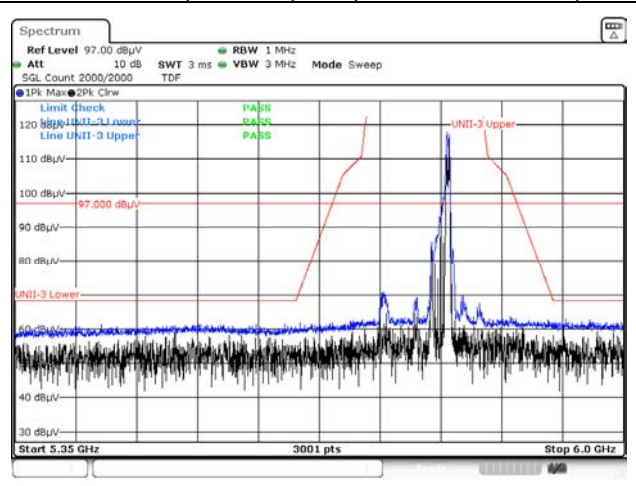


Peak result (802.11ax(HE40) Ch.159, 26T RU 17)



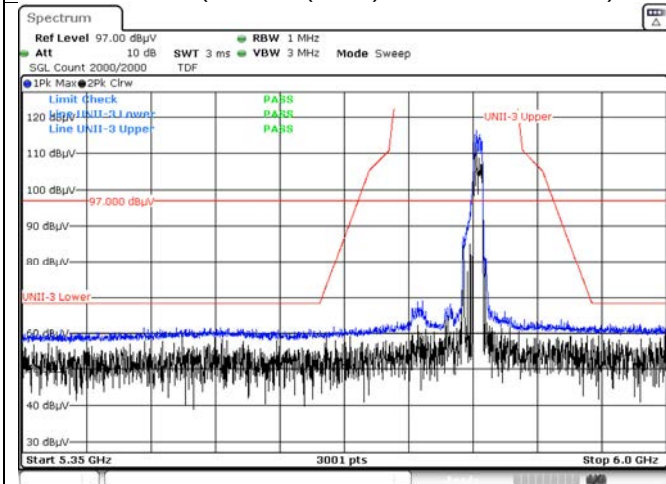
Date: 31.JUL.2026 03:35:50

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



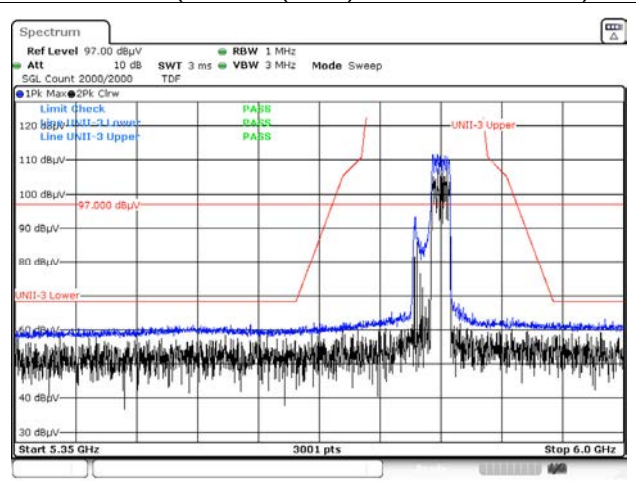
Date: 31.JUL.2026 03:31:24

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



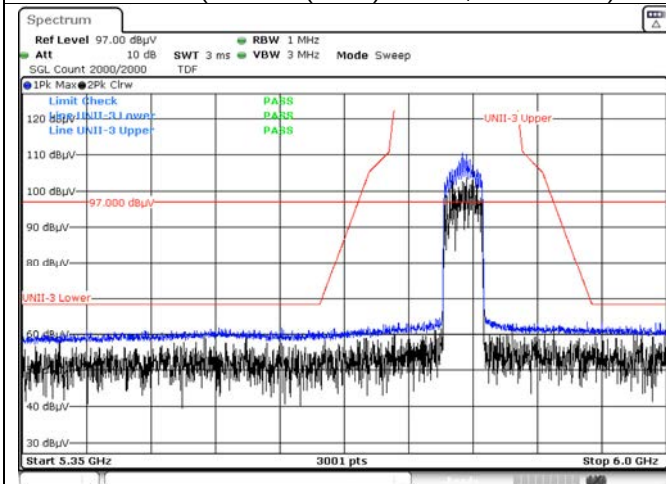
Date: 31.JUL.2026 03:26:59

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



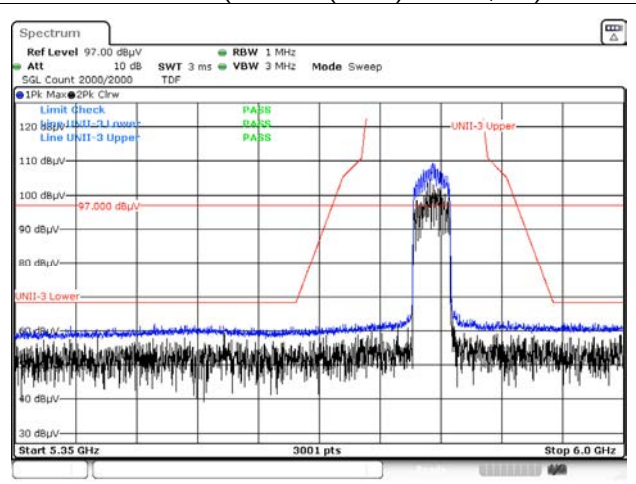
Date: 31.JUL.2026 03:22:34

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



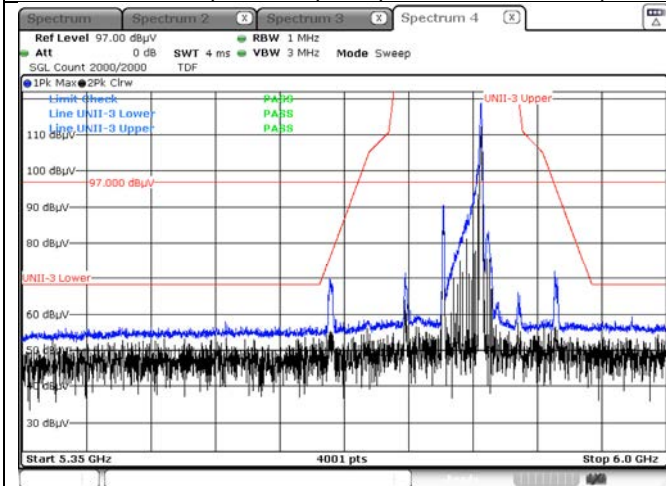
Date: 31.JUL.2026 03:18:09

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



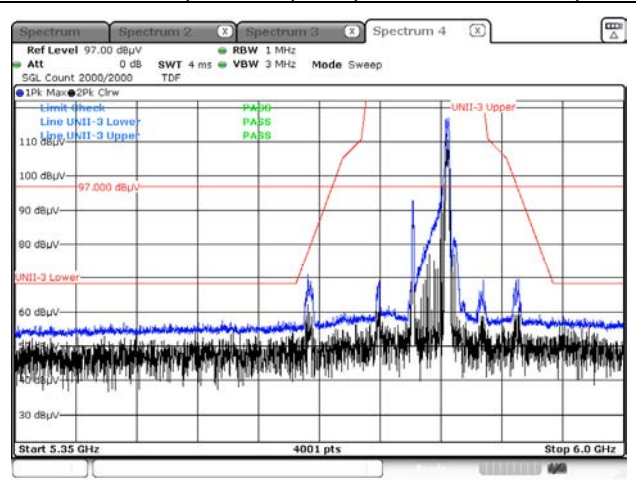
Date: 31.JUL.2026 03:13:43

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



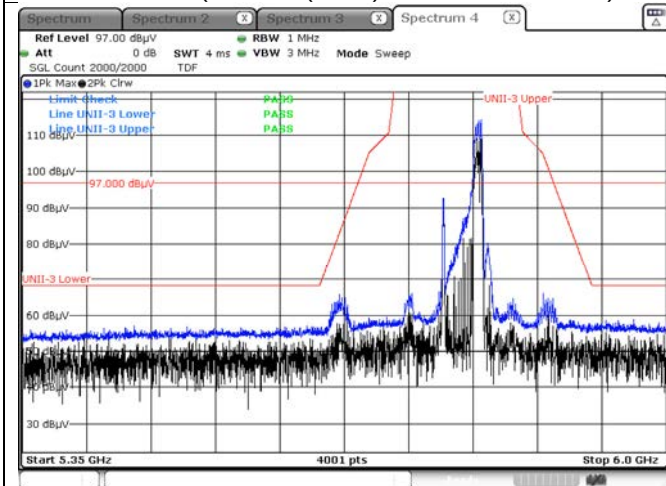
Date: 28.JUL.2026 20:53:14

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



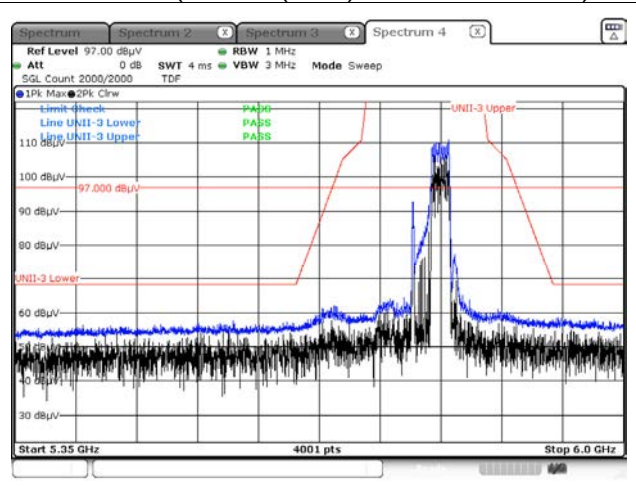
Date: 28.JUL.2026 21:00:32

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



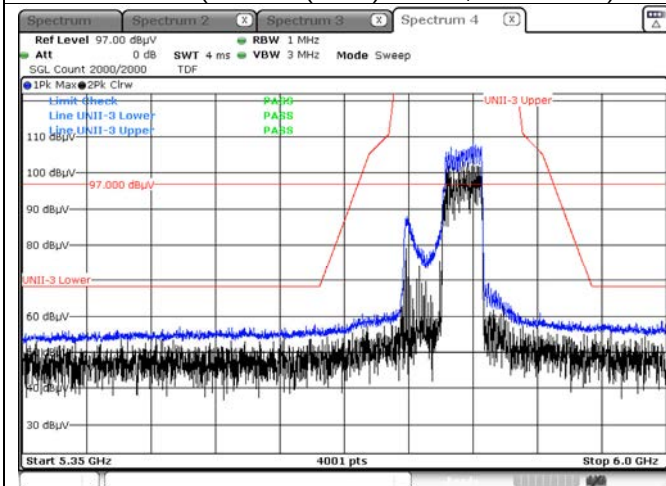
Date: 28.JUL.2026 21:03:35

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



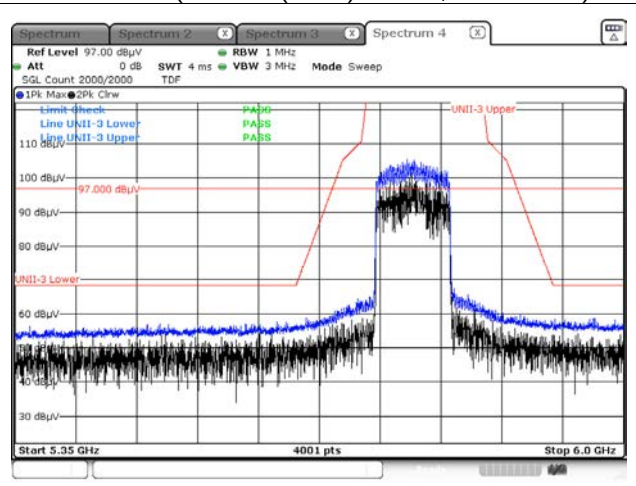
Date: 28.JUL.2026 21:08:08

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

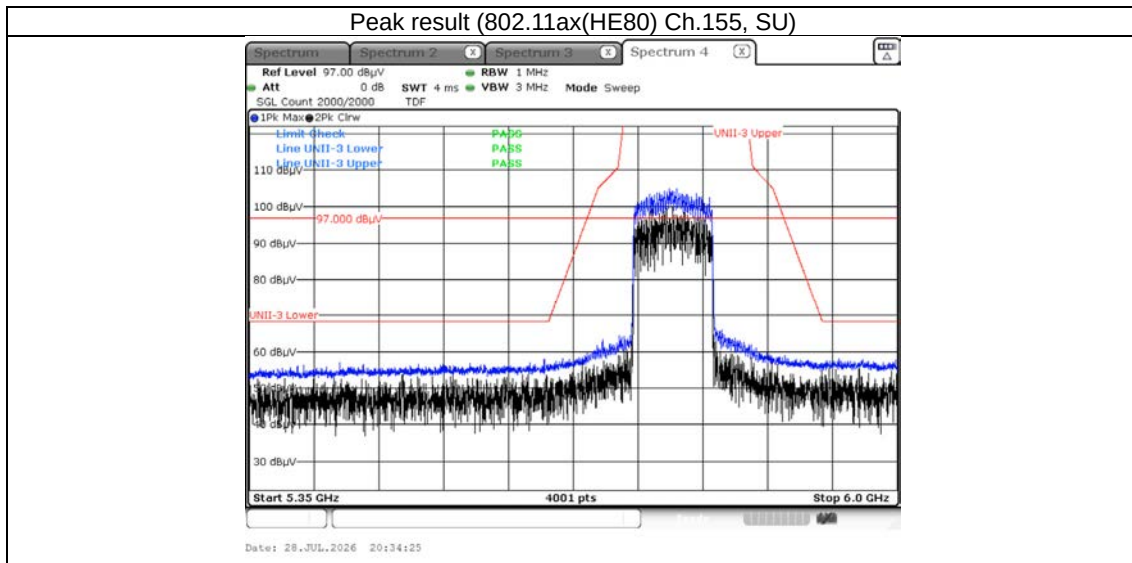


Date: 28.JUL.2026 21:09:53

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



Date: 28.JUL.2026 20:45:07



Note :

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

11. LIST OF TESTEQUIPMENT

Conducted Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
LISN	ENV216	Rohde & Schwarz	102245	07/10/2027	Annual
EMI Test Receiver	EPL1000	Rohde & Schwarz	101127	05/15/2027	Annual
Chamber	SU-642	ESPEC	93008124	06/17/2027	Annual
PXA Signal Analyzer	N9030A	Agilent	MY49432108	02/09/2027	Annual
Open Switch and Control Platform	OSP 150	Rohde & Schwarz	100894	05/06/2027	Annual
Power Meter	N1911A	Agilent	MY45100523	02/13/2027	Annual
WIDEBAND POWER SENSOR	N1921A	Keysight	MY57820067	01/26/2027	Annual
Directional Coupler	87300B	Agilent	3116A03621	10/14/2026	Annual
Power Splitter	11667B	Hewlett Packard	10545	01/15/2027	Annual
DC Power Supply	E3632A	Hewlett Packard	KR40010370	12/12/2026	Annual
Attenuator	8493C-010	Keysight	07560	04/29/2027	Annual
Attenuator	8493C-010	HP	08285	05/08/2027	Annual
Attenuator	18N-20dB	Rohde & Schwarz	8	02/09/2027	Annual
Software	ELEKTRA	Rohde & Schwarz	N/A	N/A	N/A
Bluetooth Tester	CBT	Rohde & Schwarz	100752	12/22/2026	Annual
Automation Software	FCC WLAN Conducted	HCT CO., LTD	N/A	N/A	N/A
Automation Software	FCC Bluetooth Conducted	HCT CO., LTD	N/A	N/A	N/A

Note:

1. Equipment whose calibration due date was updated during the test period was not used between the previous due date and the update.

All reported measurements were performed using equipment within valid calibration.

2. Especially, all antenna for measurement is calibrated in accordance with the requirements of ANSI C63.5-2017.

Radiated Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
Antenna Mast Controller	CO3000	Innco system GmbH	CO3000/842/35030115/L	N/A	N/A
Antenna Mast	MA4640-XP-ET	Innco system GmbH	S3AM	07/01/2027	Annual
Turn Table	DS1500-S-1t	Innco system GmbH	6290425	N/A	N/A
Loop Antenna	FMZB 1513	Schwarzbeck Mess-Elektronik OHG	1513-175	06/24/2027	Biennial
Trilog Broadband Antenna	VULB 9168	Schwarzbeck Mess-Elektronik OHG	9168-1135	08/12/2028	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck Mess-Elektronik OHG	9120D-1191	10/21/2027	Biennial
Horn Antenna	BBHA 9170	Schwarzbeck Mess-Elektronik OHG	BBHA9170124	03/23/2027	Biennial
Band Reject Filter	WRCJV2400/2483.5-2370/2520-60/12SS	Wainwright Instruments GmbH	2	12/11/2026	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments GmbH	5	03/19/2027	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments GmbH	6	03/19/2027	Annual
Band Reject Filter	WRCJV5100/5850-40/50-8EEK	Wainwright Instruments GmbH	1	01/07/2027	Annual
RF Switching System	FBSR-03A (3G HPF+LNA)	T&M SYSTEM	S3L1	10/20/2026	Annual
RF Switching System	FBSR-03A (10dB ATT+LNA)	T&M SYSTEM	S3L2	10/20/2026	Annual
RF Switching System	FBSR-03A (7G HPF+LNA)	T&M SYSTEM	S3L3	10/20/2026	Annual
RF Switching System	FBSR-03A (3dB ATT+LNA)	T&M SYSTEM	S3L4	10/20/2026	Annual
RF Switching System	FBSR-03A (Thru)	T&M SYSTEM	S3L5	10/20/2026	Annual
DC Power Supply	E3632A	Hewlett Packard	KR75305528	12/12/2026	Annual
Automation Software	FCC WLAN Radiated	HCT CO., LTD.	-	-	-
Broadband LNA	CBL18265035	CERNEX	22966	10/21/2026	Annual
Broadband LNA	CBL26405040	CERNEX	25956	02/09/2027	Annual
Bluetooth Tester	TC-3000C	TESCOM	3000C000175	03/03/2027	Annual
Spectrum Analyzer	FSV40	Rohde & Schwarz	100900	04/14/2027	Annual

Note:

1. Equipment whose calibration due date was updated during the test period was not used between the previous due date and the update.

All reported measurements were performed using equipment within valid calibration.

2. Especially, all antenna for measurement is calibrated in accordance with the requirements of ANSI C63.5-2017.

12. ANNEX A_ TEST SETUP PHOTO

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

No.	Description
1	HCT-RF-2609-FC005-P