TEST REPORT

FCC UNII ax Test for SM-F741U
Certification

APPLICANT
SAMSUNG Electronics Co., Ltd.

REPORT NO.
HCT-RF-2404-FC048

DATE OF ISSUE
April 26, 2024

Tested by
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Additional Model
SM-F741U1

Applicant	**SAMSUNG Electronics Co., Ltd.** 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Rep. of Korea
Product Name Model Name	Mobile Phone SM-F741U
FCC ID	A3LSMF741U
Date of Test	February 23, 2024 ~ April 26, 2024
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)

REVISION HISTORY

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

Revision No.	Date of Issue	Description
0	April 26, 2024	Initial Release

Notice

Content
Engineering Statement: The measurements shown in this report were made in accordance with the procedures indicated, and the emissions from this equipment were found to be within the limits applicable. I assume full responsibility for the accuracy and completeness of these measurements, and for the qualifications of all persons taking them. It is further stated that upon the basis of the measurements made, the equipment tested is capable of operation in accordance with the requirements of the FCC Rules under normal use and maintenance. The results shown in this test report only apply to the sample(s), as received, provided by the applicant, unless otherwise stated. The test results have only been applied with the test methods required by the standard(s). The laboratory is not accredited for the test results marked *. Information provided by the applicant is marked **. Test results provided by external providers are marked ***. When confirmation of authenticity of this test report is required, please contact www.hct.co.kr The test results in this test report are not associated with the ((KS Q) ISO/IEC 17025) accreditation by KOLAS (Korea Laboratory Accreditation Scheme) / A2LA (American Association for Laboratory Accreditation) that are under the ILAC (International Laboratory Accreditation Cooperation) Mutual Recognition Agreement (MRA).

CONTENTS

1. GENERAL INFORMATION

EUT DESCRIPTION

Model	SM-F741U	
Additional Model	SM-F741U1	
EUT Type	Mobile Phone	
Power Supply	DC 3.88 V	
Modulation Type	OFDMA,OFDM	
Frequency Range (MHz)	U-NII-1	20 MHz BW : 5180 - 5240 40 MHz BW : 5190 - 5230 80 MHz BW : 5210 160 MHz BW : 5250
	U-NII-2A	20 MHz BW : 5260 - 5320 40 MHz BW : 5270 - 5310 80 MHz BW : 5290 160 MHz BW : 5250
	U-NII-2C	20 MHz BW : 5500 - 5720 40 MHz BW : 5510 - 5710 80 MHz BW : 5530 – 5690 160 MHz BW : 5570
	U-NII-3	20 MHz BW : 5745 - 5825 40 MHz BW : 5755 - 5795 80 MHz BW : 5775 160 MHz BW : 5815
	U-NII-4	20 MHz BW : 5845 - 5885 40 MHz BW : 5835 - 5875 80 MHz BW : 5855 160 MHz BW : 5815
Straddle channel	Supported	
TDWR Band	Supported	
Dynamic Frequency Selection	Slave without radar detection	
Antenna Specification	Type: Metal	
Serial number	Conducted : 7b5599bda4507ece Radiated : R3CX30HJ2KL	

ANTENNA CONFIGURATIONS

1. Antenna configuration

Configurations	SISO		MIMO	
	Ant.1	Ant.2	CDD	SDM
802.11ax (HE20/40/80/160)	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.

RSDB 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 Ant.1	Bluetooth Ant.2	Test Case
2.4 GHz WiFi MIMO + 6 GHz WiFi MIMO	on	on			on	on			
2.4 GHz WiFi MIMO + 5 GHz WiFi MIMO	on	on	on	on					Scenario1
Dual Bluetooth + 5 GHz WiFi MIMO			on	on			on	on	Scenario2
Dual Bluetooth + 6 GHz WiFi MIMO					on	on	on	on	Scenario3
Bluetooth ANT.1 + 2.4 GHz WiFi ANT.2 + 5 GHz WiFi MIMO		on	on	on			on		Scenario4
Bluetooth ANT.1 + 2.4 GHz WiFi ANT.2 + 6 GHz WiFi MIMO		on			on	on	on		

3. Directional Gain Calculation

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

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

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

Band	Ant Gain (dBi)		N_{ANT}/ N_{ss}	Directional Gain (dBi)	
	ANT1	ANT2		CDD	SDM
UNII 1	-4.60	-6.32	2 / 2	-2.41	-4.60
UNII 2A	-5.10	-6.19		-2.62	-5.10
UNII 2C	-5.43	-6.37		-2.88	-5.43
UNII 3	-6.22	-7.11		-3.64	-6.22
UNII 4	-5.58	-7.08		-3.29	-5.58

Note

According to ANSI C63.10-2013 section 14.4.3, the directional gain is calculated using the formula, where GN is the gain of the nth antenna and NANT is the total number of antennas used.

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

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

Sample Calculation (Conducted Power, MIMO):

Ex) ANT1 : 11.58 dBm ANT2 : 12.08 dBm

ANT1 + ANT 2 = MIMO

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

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

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

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

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

2. MAXIMUM OUTPUT POWER

The transmitter has a maximum 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)	15.21	0.033	14.85	0.031	18.05	0.064
	802.11ax(HE40)	13.98	0.025	14.23	0.027	17.12	0.051
	802.11ax(HE80)	13.99	0.025	14.37	0.027	17.19	0.052
UNII2A	802.11ax(HE20)	14.82	0.030	15.29	0.034	18.07	0.064
	802.11ax(HE40)	13.40	0.022	14.06	0.025	16.75	0.047
	802.11ax(HE80)	13.65	0.023	14.76	0.030	17.25	0.053
UNII1&2A	802.11ax(HE160)	13.87	0.024	14.12	0.026	17.01	0.050
UNII2C	802.11ax(HE20)	15.02	0.032	15.16	0.033	18.10	0.065
	802.11ax(HE40)	13.82	0.024	14.47	0.028	17.17	0.052
	802.11ax(HE80)	13.71	0.024	14.47	0.028	17.12	0.052
	802.11ax(HE160)	13.26	0.021	14.71	0.030	17.06	0.051
UNII3	802.11ax(HE20)	15.18	0.033	14.45	0.028	17.84	0.061
	802.11ax(HE40)	13.98	0.025	13.75	0.024	16.88	0.049
	802.11ax(HE80)	13.79	0.024	13.71	0.024	16.76	0.047
UNII4	802.11ax(HE20)	15.47	0.035	14.48	0.028	18.01	0.063
	802.11ax(HE40)	14.38	0.027	13.73	0.024	17.08	0.051
	802.11ax(HE80)	14.30	0.027	13.83	0.024	17.08	0.051
UNII3&4	802.11ax(HE160)	14.16	0.026	14.05	0.025	17.12	0.051

Band	Mode	MIMO_CDD(Ant.1+ Ant.2)	
		(Ant.1 + Ant.2) EIRP Power	
		(dBm)	(W)
UNII4	802.11ax (HE20)	14.72	0.030
	802.11ax (HE40)	13.79	0.024
	802.11ax (HE80)	13.79	0.024
UNII4	802.11ax (HE160)	13.83	0.024

3. TEST METHODOLOGY

The measurement procedure described in FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 dated December 14, 2017 entitled “Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part15, Subpart E” and ANSI C63.10(Version : 2013) ‘the American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices’ were used in the measurement. Additionally, for U-NII-4 band, use the following measurement procedure KDB 291074 D02 EMC Measurement v01.

EUT CONFIGURATION

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

EUT EXERCISE

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

GENERAL TEST PROCEDURES

Conducted Emissions

The EUT is placed on the turntable, which is 0.8 m above ground plane. According to the requirements in Section 6.2 of ANSI C63.10. (Version :2013) 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

The EUT is placed on a turn table, which is 0.8 m above ground plane below 1 GHz. Above 1 GHz with 1.5m 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 according to the requirements in Section 6.6.5 of ANSI C63.10. (Version: 2013)

DESCRIPTION OF TEST MODES

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

4. INSTRUMENT CALIBRATION

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

5. FACILITIES AND ACCREDITATIONS

5.1 FACILITIES

The SAC(Semi-Anechoic Chamber) and conducted measurement facility used to collect the radiated data are located at the 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383, Rep. of KOREA. The site is constructed in conformance with the requirements of ANSI C63.4.
(Version :2014) and CISPR Publication 22.
Detailed description of test facility was submitted to the Commission and accepted dated March 11, 2024 (Registration Number: KR0032).

5.2 EQUIPMENT

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

6. ANTENNA REQUIREMENTS

According to FCC 47 CFR § 15.203, § 15.407:

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

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

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

7. MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.10-2013.

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

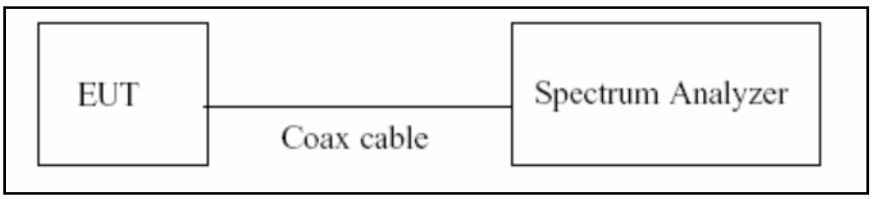
The measurement data shown herein meets or exceeds the U_{CISPR} measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Parameter	Expanded Uncertainty (dB)
Conducted Disturbance (150 kHz ~ 30 MHz)	1.98 (Confidence level about 95 %, k=2)
Radiated Disturbance (9 kHz ~ 30 MHz)	4.36 (Confidence level about 95 %, k=2)
Radiated Disturbance (30 MHz ~ 1 GHz)	5.70 (Confidence level about 95 %, k=2)
Radiated Disturbance (1 GHz ~ 18 GHz)	5.52 (Confidence level about 95 %, k=2)
Radiated Disturbance (18 GHz ~ 40 GHz)	5.66 (Confidence level about 95 %, k=2)
Radiated Disturbance (Above 40 GHz)	5.58 (Confidence level about 95 %, k=2)

8. DESCRIPTION OF TESTS

8.1. Duty Cycle

Test Configuration



Test Procedure

The transmitter output is connected to the Spectrum Analyzer.

We tested according to Procedure B.2 in KDB 789033 D02 v02r01.

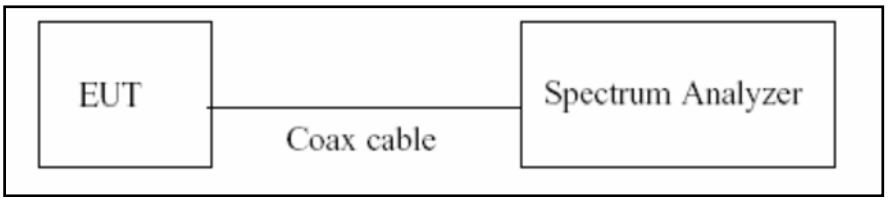
1. RBW = 8 MHz (the largest available value)
2. VBW = 8 MHz (≥ RBW)
3. SPAN = 0 Hz
4. Detector = Peak
5. Number of points in sweep > 100
6. Trace mode = Clear write
7. Measure T_{total} and T_{on}
8. Calculate Duty Cycle = T_{on}/ T_{total} and Duty Cycle Factor = 10log(1/Duty Cycle)

8.2. 6 dB Bandwidth & 26 dB Bandwidth

Limit

Within the 5.725-5.85 GHz(NII-3) &5.85-5.925 GHz(NII-4) 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.

We tested according to Procedure C.1 in KDB 789033 D02 v02r01.

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.

We tested according to Procedure C.2 in KDB 789033 D02 v02r01.

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

Note:

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

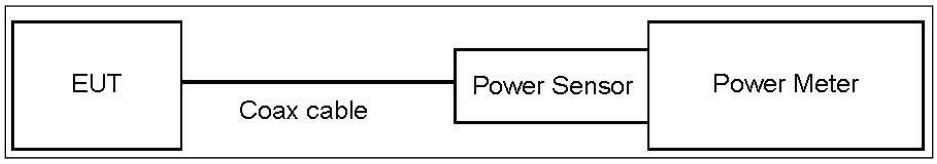
8.3. Output Power Measurement

Limit

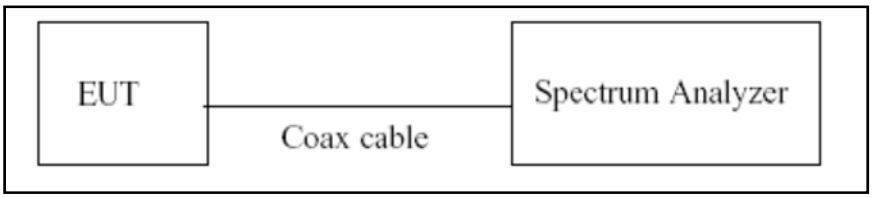
Band	Limit
UNII 1	- Master : Not exceed 1 W(=30 dBm) - Slave : Not exceed 250 mW(=23.98 dBm)
UNII 2A, 2C	Not exceed the lesser of 250 mW or 11 dBm + 10 log B, (where B is the 26 dB emission bandwidth in megahertz.)
UNII 3	Not exceed 1 W(=30 dBm)
UNII 4	EIRP 30 dBm

Test Configuration

Power Meter



Spectrum Analyzer(Only Straddle Channel)



Test Procedure(Power Meter)

We tested according to Procedure E.3.a in KDB 789033 D02 v02r01.

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)

The transmitter output is connected to the Spectrum Analyzer.

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

We tested according to Procedure E.2.d) in KDB 789033 D02 v02r01.

1. Measure the duty cycle.
2. Set span to encompass the 26 dB EBW of the signal.
3. RBW = 1 MHz.
4. VBW ≥ 3 MHz.
5. Number of points in sweep ≥ 2 x span/RBW.
6. Sweep time = auto.
7. 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 10log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times.

Sample Calculation

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

Note

1. Spectrum Measured Values are not plot data.
   The power results in plot is already including the actual values of loss for the attenuator and cable combination.
2. Spectrum offset
   ANT1 = Attenuator loss(10 dB) + Cable loss + EUT Cable Loss(0.5 dB)
   ANT2 = Attenuator loss(10 dB) + Cable loss
3. Actual value of loss for the attenuator and cable combination is below table.

Band	ANT1 Loss(dB)	ANT2 Loss(dB)
UNII 1	11.30	10.80
UNII 2A	11.30	10.80
UNII 2C	11.30	10.80
UNII 3&4	11.30	10.80

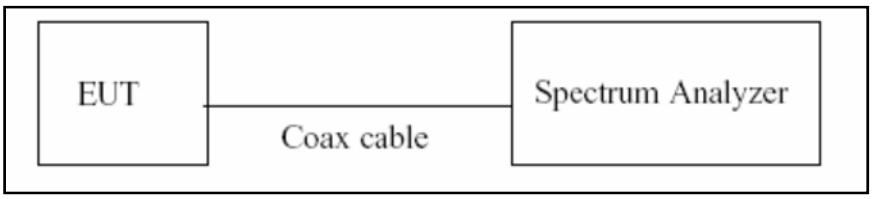
(Actual value of loss for the attenuator and cable combination)

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
UNII 4	EIRP 14 dBm/MHz

Test Configuration



Test Procedure

We tested according to Procedure F in KDB 789033 D02 v02r01.

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

Sample Calculation

Total PSD(dBm) = Measured 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. Spectrum offset
   ANT1 = Attenuator loss(10 dB) + Cable loss + EUT Cable Loss(0.5 dB)
   ANT2 = Attenuator loss(10 dB) + Cable loss
3. Actual value of loss for the attenuator and cable combination is below table.

Band	ANT1 Loss(dB)	ANT2 Loss(dB)
UNII 1	11.30	10.80
UNII 2A	11.30	10.80
UNII 2C	11.30	10.80
UNII 3&4	11.30	10.80

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

8.5. AC Power line Conducted Emissions

Limit

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

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

[a]Decreases with the logarithm of the frequency.

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

Test Configuration

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

Test Procedure

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

8.6. Radiated Test

Limit

1. UNII 1: All emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of −27 dBm/MHz.
2. UNII 2A, 2C: All emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of −27 dBm/MHz.
3. UNII 3: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
4. UNII 4: [Low Channel O.O.B.E] measured with a Peak detector

   For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of −27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.

   [High Channel O.O.B.E] measured with a RMS detector

   For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of −5 dBm/MHz and shall decrease linearly to an e.i.r.p. of −27 dBm/MHz at or above 5.925 GHz.

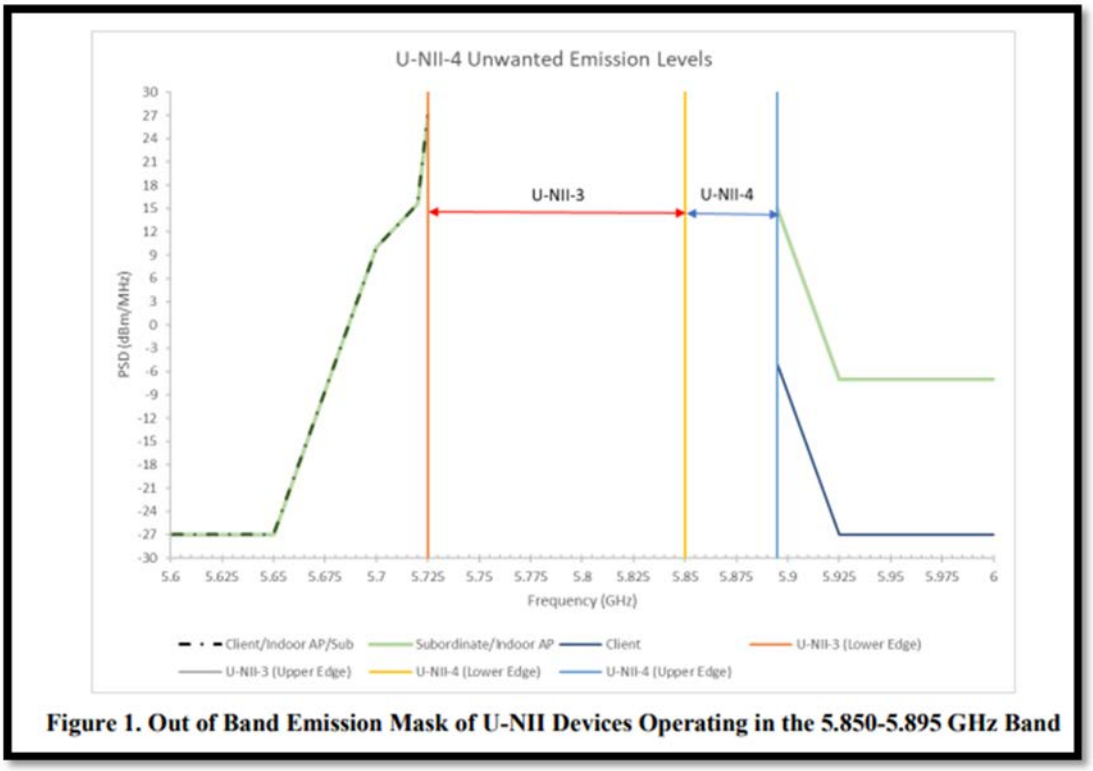


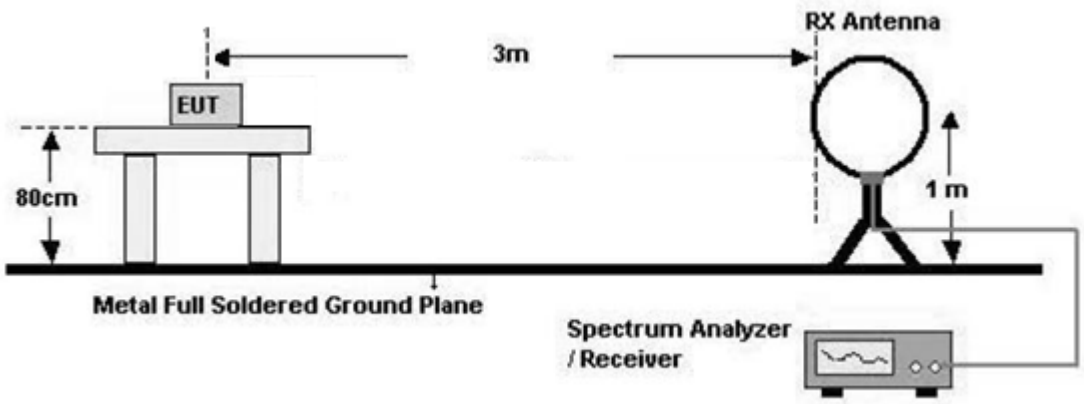
Figure 1. Out of Band Emission Mask of U-NII Devices Operating in the 5.850-5.895 GHz Band

5. 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.

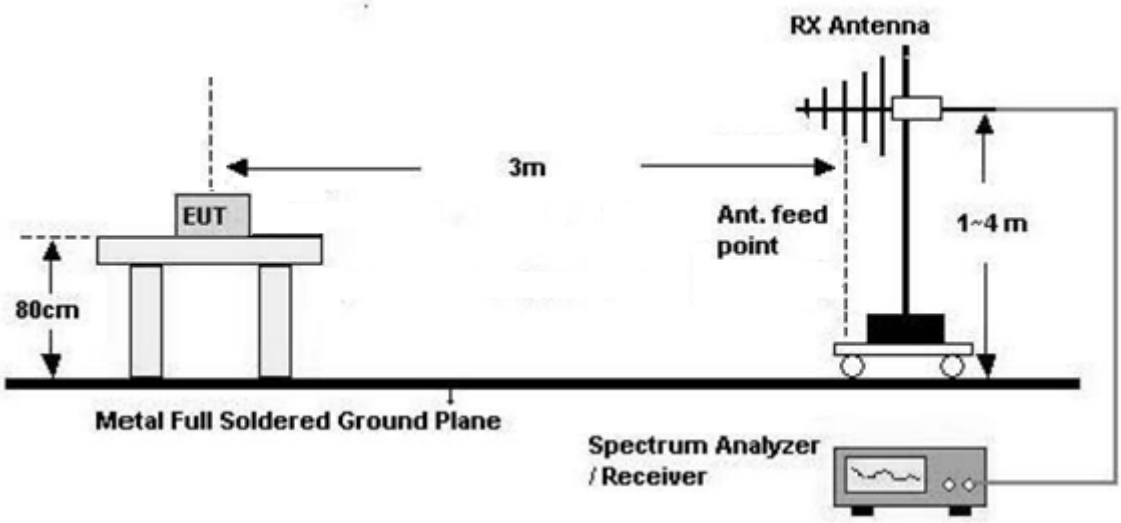
Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Test Configuration

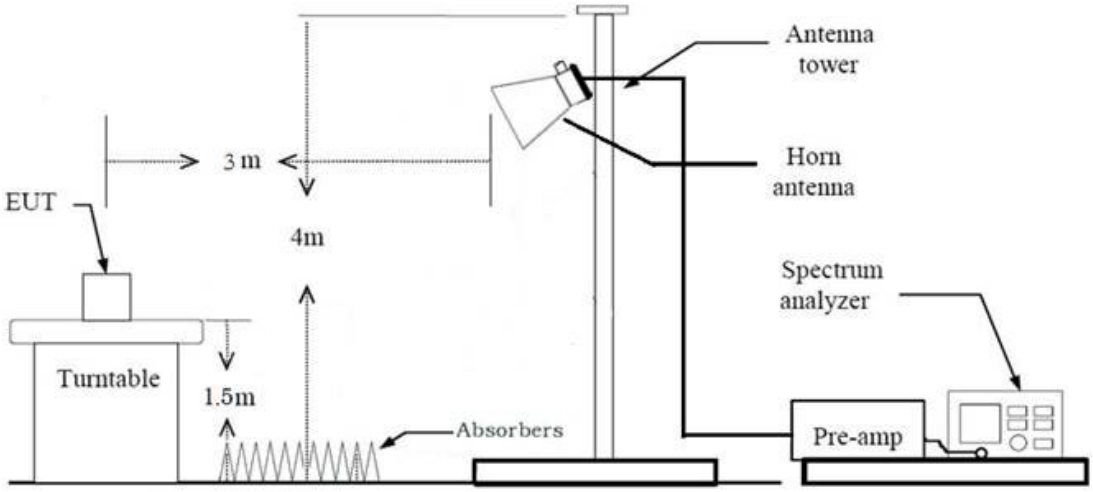
Below 30 MHz



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) =40log(3 m/300 m)= - 80 dB
   Measurement Distance : 3 m

7. Distance Correction Factor(0.490 MHz – 30 MHz) =40log(3 m/30 m)= - 40 dB
   Measurement Distance : 3 m
8. Spectrum Setting
   - Frequency Range = 9 kHz ~ 30 MHz
   - Detector = Peak
   - Trace = Max Hold
   - RBW = 9 kHz
   - VBW ≥ 3 x RBW
9.Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L) + Distance Factor(D.F)
10. Measurement value only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.

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 Setting
   (1) Measurement Type(Peak):
      - Measured Frequency Range : 30 MHz – 1 GHz
      - Detector = Peak
      - Trace = Max Hold
      - RBW = 100 kHz
      - VBW ≥ 3 x RBW
   (2) Measurement Type(Quasi-peak):
      - Measured Frequency Range : 30 MHz – 1 GHz
      - Detector = Quasi-Peak
      - RBW = 120 kHz

※In general, (1) is used mainly

7.Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L)

8. Measurement value only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.

Test Procedure of Radiated spurious emissions (Above 1 GHz)

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. The unit was tested with its standard battery.
8. Spectrum Setting

(1) Measurement Type (Peak, G.5 in KDB 789033 v02r01):

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

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

(2) Measurement Type (Average, G.6.d in KDB 789033 v02r01):

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

factor of 1/x, where x is the duty cycle.

9. Measurement value only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor
10. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency
11. Distance extrapolation factor = 20log (test distance / specific distance) (dB)
12. Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L) - Amp Gain(A.G) + Distance Factor(D.F)

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. The unit was tested with its standard battery.
8. Spectrum Setting
   (1) Measurement Type(Peak, G.5 in KDB 789033 v02r01):
   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep Time = auto
   - Trace mode = Max Hold
   - Allow sweeps to continue until the trace stabilizes.
     Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately 1/x, where x is the duty cycle.

   (2) Measurement Type(Average, G.6.d in KDB 789033 v02r01):
   - RBW = 1 MHz
   - VBW(Duty cycle ≥ 98 percent) = VBW ≤ RBW/100(i.e., 10 kHz) but not less than 10 Hz.
   - VBW(Duty cycle is < 98 percent) = VBW ≥ 1/T, where T is the minimum transmission duration.
   - The analyzer is set to linear detector mode.
   - Detector = Peak.
   - Sweep time = auto.
   - Trace mode = Max Hold.
   - Allow Max Hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98 percent duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.
9. Measured Frequency Range :

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

10. Distance extrapolation factor = 20log (test distance / specific distance) (dB)
11. Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L) - Amp Gain(A.G) + Attenuator(ATT) + Distance Factor(D.F)

The actual setting value of VBW

Mode	Tone	Worst Data rate (Mbps)	Duty Cycle	Duty Cycle Factor (dB)	VBW (1/T) (kHz)	The actual setting value of VBW (Hz)
802.11ax (HE20)	26	MCS0	0.996	0.019	0.219	1 000
	52	MCS0	0.997	0.014	0.219	1 000
	106	MCS0	0.993	0.028	0.401	1 000
	242	MCS0	0.985	0.067	0.891	1 000
802.11ax (HE40)	26	MCS0	0.997	0.014	0.218	1 000
	52	MCS0	0.997	0.014	0.219	1 000
	106	MCS0	0.992	0.034	0.402	1 000
	242	MCS0	0.986	0.063	0.890	1 000
	484	MCS0	0.974	0.114	1.643	3 000
802.11ax (HE80)	26	MCS0	0.996	0.019	0.219	1 000
	52	MCS0	0.997	0.014	0.219	1 000
	106	MCS0	0.993	0.029	0.402	1 000
	242	MCS0	0.984	0.068	0.891	1 000
	484	MCS0	0.973	0.119	1.645	3 000
	996	MCS0	0.973	0.120	1.667	3 000
802.11ax (HE160)	26	MCS0	0.997	0.014	0.218	1 000
	52	MCS0	0.996	0.019	0.219	1 000
	106	MCS0	0.992	0.034	0.402	1 000
	242	MCS0	0.984	0.068	0.891	1 000
	484	MCS0	0.972	0.124	1.645	3 000
	996	MCS0	0.974	0.115	1.665	3 000
	2x996	MCS0	0.996	0.016	0.184	1 000
802.11ax (SU)	BW 20	MCS0	0.997	0.012	0.184	1 000
	BW 40	MCS0	0.996	0.016	0.184	1 000
	BW 80	MCS0	0.996	0.016	0.184	1 000
	BW 160	MCS0	0.996	0.016	0.184	1 000

8.7. 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	18	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	-
160	26	0~36	0	18	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	-
	2x996	68	-	68	-

8.8. 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, HE160 : MCS0
2. SM-F741U, SM-F741U1 were tested and the worst case results are reported.
(Worst case: SM-F741U)

AC Power line Conducted Emissions

1. Please refer to the [UNII] Test Report.
2. SM-F741U, SM-F741U1 were tested and the worst case results are reported.
(Worst case: SM-F741U)

Radiated test

1. All modes of operation were investigated and the worst case configuration results are reported.
   - Mode : Stand alone, Stand alone + External accessories(Earphone, etc)
   - Worstcase : Stand alone
2. The EUT was tested in three modes(Open, Half-open, Closed), the worst case configuration results are reported.
   - Radiated Spurious Emissions Worst case : Open mode
   - Radiated Restricted Band Edge : Open mode
3. All data rate of operation were investigated and the worst case results are reported.
(Worst case : MCS0)
4. All Antenna of operation were investigated and the worst case results are reported
   - Antenna Operation Type : SISO, MIMO_CDD(Ant.1+Ant.2), MIMO_SDM(Ant.1+Ant.2)
   - Worstcase : MIMO_CDD(Ant.1+Ant.2)
5. EUT Axis
   - Radiated Spurious Emissions : Z
   - Radiated Restricted Band Edge : X
6. 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

Mode	TEST	TONE	RU OFFSET
Open mode	RSE	[HE20] WORST CASE: 106T 242T,SU	106T: 53 Full Tone: 61
		[HE40]: 484T,SU	Full Tone: 65
		[HE80]: 996T,SU	Full Tone: 67
		[HE160]: 996Tx2, SU	Full Tone: 68
Half-open mode		[HE20]: 106T, 242T	106 Tone: 53 Full Tone: 61
		[HE40]: 484T	Full Tone: 65
		[HE80]: 996T,SU	Full Tone: 67
		[HE160]: SU	-
Closed mode		[HE20]: 106T, 242T	106 Tone: 53 Full Tone: 61
		[HE40]: 484T	Full Tone: 65
		[HE80]: 996T,SU	Full Tone: 67
		[HE160]: SU	-
Open mode	Band-Edge (UNII1,2A,2C)	WORST CASE[HE80] : 996T WORST CASE[HE160]: 26T(80L)	67 0
		[HE20] : 242T,SU	Full Tone: 61
		[HE40] : 484T,SU	Full Tone: 65
		[HE80] : 996T,SU	Full Tone: 67
		[HE160] : 996T(80L&80U), 996Tx2, SU	Full Tone: 67 & 68
		[HE20] Additional Tone: 26T, 52T,106T [HE40] Additional Tone: 26T, 52T, 106T, 242T [HE80] Additional Tone: 26T, 52T, 106T, 242T, 484T [HE 160] Additional Tone: 26T, 52T, 106T, 242T, 484T	[HE20] Low Edge: 0, 37, 53 High Edge: 8, 40, 54 [HE40] Low Edge: 0, 37, 53, 61 High Edge: 17, 44, 56, 62 [HE80] Low Edge: 0, 37, 53, 61, 65 High Edge: 36, 52, 60, 64, 66 [HE160] Low Edge: 0, 37, 53, 61, 65 High Edge: 36, 52, 60, 64, 66
Half-open mode		[HE20] : 242T [HE40] : 484T [HE80] : 484T [HE160] : 242T, 484T (80L) 52T, 242T (80U) 996Tx2,SU	52 Tone: 37, 52 242 Tone: 64, 61 484 Tone: 65, 66 2x996 Tone: 68
Closed mode		[HE20] : 242T [HE40] : 484T [HE80] : 996T [HE160] : 26T, 996T (80L) 52T, 484T (80U) SU	26 Tone: 0 52 Tone: 52 242 Tone: 61 484 Tone: 65, 66 996 Tone: 67
Open mode	Band-Edge (Straddle, UNII3)	All supported RU tones were tested, and please refer to the attached test plot reduced to the worst case.	
	Band-Edge (UNII4)		

7. SM-F741U, SM-F741U1 were tested and the worst case results are reported.
(Worst case: SM-F741U)

Radiated test(RSDB)

1. All modes of operation were investigated and the worst case configuration results are reported.
   - Mode : Stand alone, Stand alone + External accessories(Earphone, Keyboard, etc)
   - Worstcase : Stand alone
2. EUT Axis
   - Radiated Spurious Emissions : Z
   3. All of RSDB Scenario were investigated and the worst case configuration results are reported.

RSDB 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 Ant.1	Bluetooth Ant.2	Test Case
2.4 GHz WiFi MIMO + 6 GHz WiFi MIMO	on	on			on	on			
2.4 GHz WiFi MIMO + 5 GHz WiFi MIMO	on	on	on	on					Scenario1
Dual Bluetooth + 5 GHz WiFi MIMO			on	on			on	on	Scenario2
Dual Bluetooth + 6 GHz WiFi MIMO					on	on	on	on	Scenario3
Bluetooth ANT.1 + 2.4 GHz WiFi ANT.2 + 5 GHz WiFi MIMO		on	on	on			on		Scenario4
Bluetooth ANT.1 + 2.4 GHz WiFi ANT.2 + 6 GHz WiFi MIMO		on			on	on	on		

4. The RSDB mode test investigated both intermodulation and radiated spurious emissions.
   And the worst results were reported.
   - Worst result: Radiated spurious emissions
   - Intermodulation: No signals are generated.
   - Radiated spurious emissions: cf. Section 10.6.2.

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

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

RSDB Scenario 1	Description	2.4GHz Emission	5 GHz Emission
2.4 GHz WiFi MIMO + 5 GHz WiFi MIMO	Antenna	Ant All	Ant All
	Channel	11	36
	Data Rate	MCS0	MCS0
	Mode	802.11ax(HE20)	802.11ax(HE20)
	Tone, RU	106, 53	106, 53

Note : DTS ax RSDB Data refer to [DTS ax] Test Report

RSDB Scenario 2	Description	Bluetooth Emission	5 GHz Emission
Dual Bluetooth + 5 GHz WiFi MIMO	Antenna	Dual ANT	Ant All
	Channel	78	36
	Data Rate	1 Mbps	MCS0
	Mode	GFSK	802.11ax(HE20)
	Tone, RU	N/A	106, 53

Note : BT RSDB Data refer to [BT] Test Report

RSDB Scenario 4	Description	Bluetooth Emission	2.4GHz Emission	5 GHz Emission
Bluetooth ANT.1 + 2.4 GHz WiFi ANT.2 + 5 GHz WiFi MIMO	Antenna	ANT1	ANT2	Ant All
	Channel	78	11	36
	Data Rate	1 Mbps	MCS0	MCS0
	Mode	GFSK	802.11ax(HE20)	802.11ax(HE20)
	Tone, RU	N/A	106, 53	106, 53

Note : DTS ax, BT RSDB Data refer to [DTS ax], [BT] Test Report

6. SM-F741U, SM-F741U1 were tested and the worst case results are reported.

(Worst case: SM-F741U)

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) (5850-5895 MHz)(UNII-4)		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 EIRP Output Power	§ 15.407(a)(1)(3)(iii)	< EIRP 30dBm (5850-5925 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) < EIRP 14 dBm/MHz(5850-5925 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)(8)	<FCC 15.207 limits		PASS (Note1)
Undesirable Emissions	§ 15.407(b) (1),(2),(3),(4) § 15.407(b)(5)(ii),(iii)	<-27 dBm/MHz EIRP (UNII1, 2A, 2C) cf. Section 8.6 (UNII 3&4)	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

Note1:

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

10. TEST RESULT

10.1 DUTY CYCLE

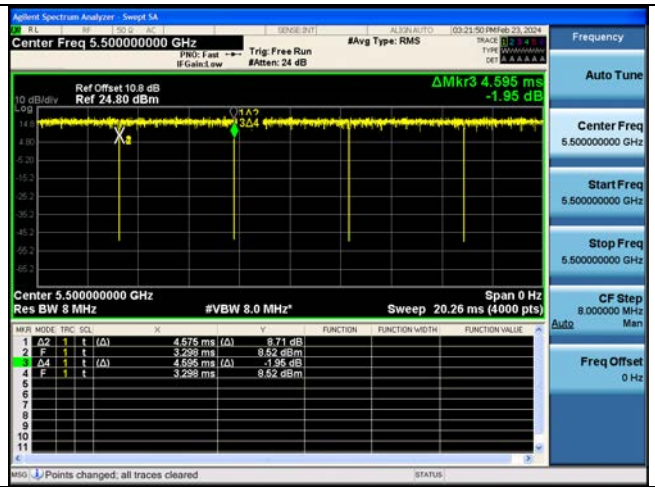
Mode	Tone	Worst Data rate (Mbps)	T_{on} (ms)	T_{total} (ms)	Duty Cycle	Duty Cycle Factor (dB)
802.11ax (HE20)	26	MCS0	4.575	4.595	0.996	0.019
	52	MCS0	4.570	4.585	0.997	0.014
	106	MCS0	2.492	2.508	0.993	0.028
	242	MCS0	1.123	1.140	0.985	0.067
802.11ax (HE40)	26	MCS0	4.580	4.595	0.997	0.014
	52	MCS0	4.570	4.585	0.997	0.014
	106	MCS0	2.489	2.509	0.992	0.034
	242	MCS0	1.124	1.140	0.986	0.063
	484	MCS0	0.609	0.625	0.974	0.114
802.11ax (HE80)	26	MCS0	4.575	4.595	0.996	0.019
	52	MCS0	4.570	4.585	0.997	0.014
	106	MCS0	2.489	2.506	0.993	0.029
	242	MCS0	1.122	1.140	0.984	0.068
	484	MCS0	0.608	0.625	0.973	0.119
	996	MCS0	0.600	0.617	0.973	0.120
802.11ax (HE160)	26	MCS0	4.580	4.595	0.997	0.014
	52	MCS0	4.565	4.585	0.996	0.019
	106	MCS0	2.489	2.509	0.992	0.034
	242	MCS0	1.122	1.140	0.984	0.068
	484	MCS0	0.608	0.626	0.972	0.124
	996	MCS0	0.601	0.617	0.974	0.115
	2x996	MCS0	5.447	5.467	0.996	0.016
802.11ax (SU)	BW 20	MCS0	5.447	5.462	0.997	0.012
	BW 40	MCS0	5.447	5.467	0.996	0.016
	BW 80	MCS0	5.447	5.467	0.996	0.016
	BW 160	MCS0	5.447	5.467	0.996	0.016

Note:

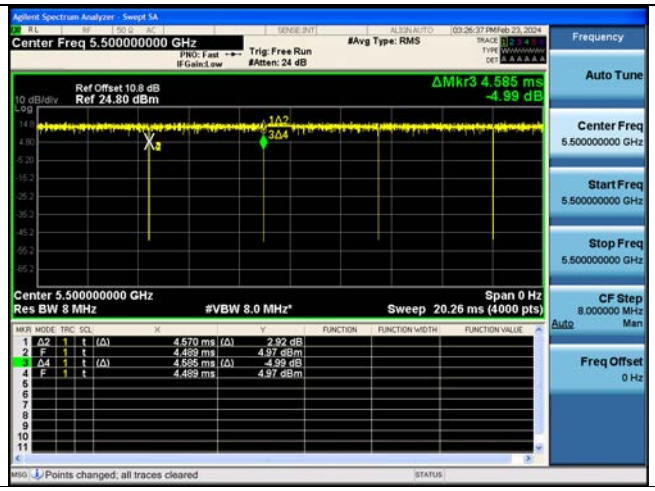
1. Duty Cycle Factor = 10·log(1/Duty Cycle). where, Duty Cycle = T_{on} / T_{total}

▣ **Test Plots**(Bandwidth 20M Ch.100(5500 MHz))

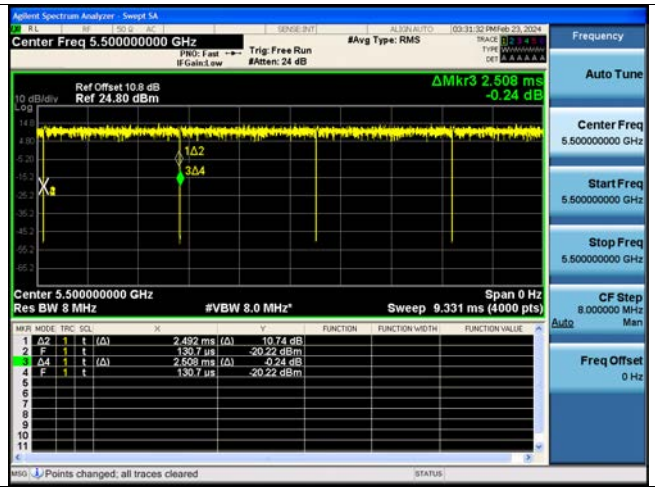
26Tone MCS0



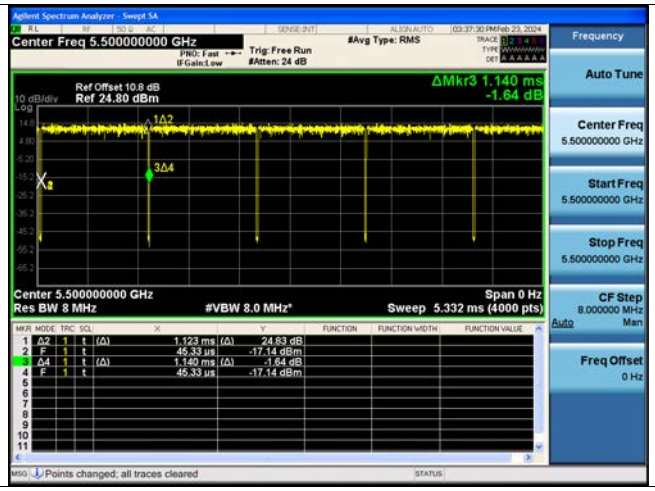
52Tone MCS0



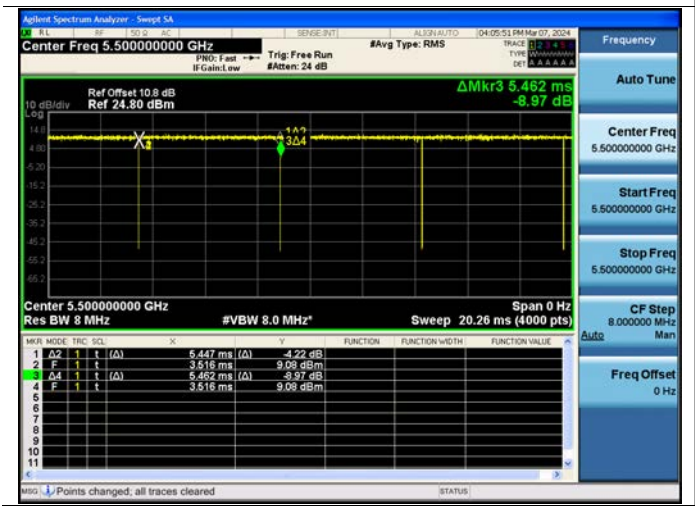
106Tone MCS0



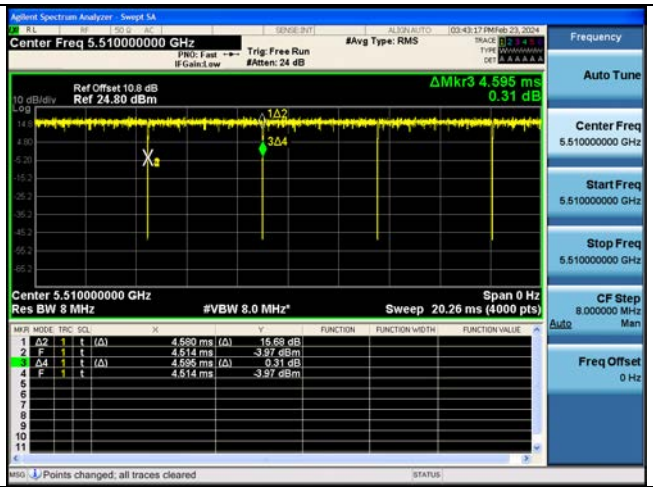
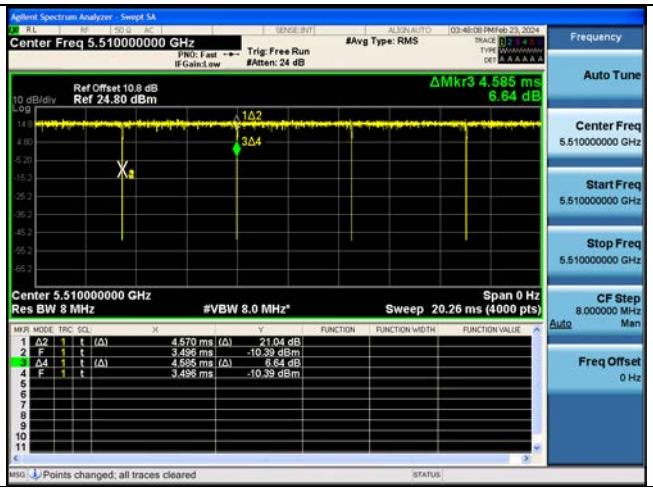
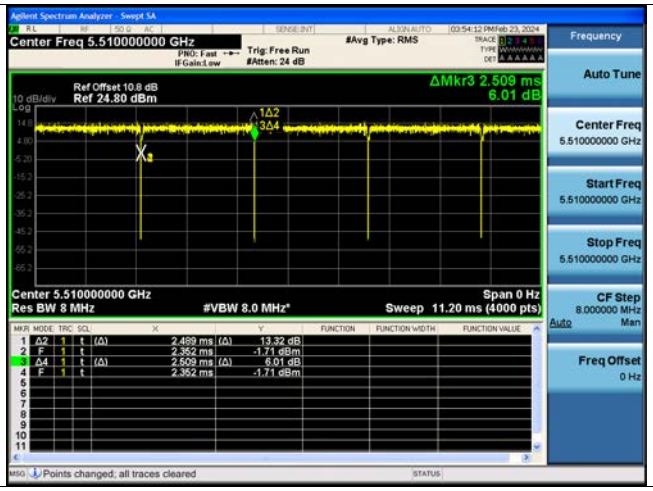
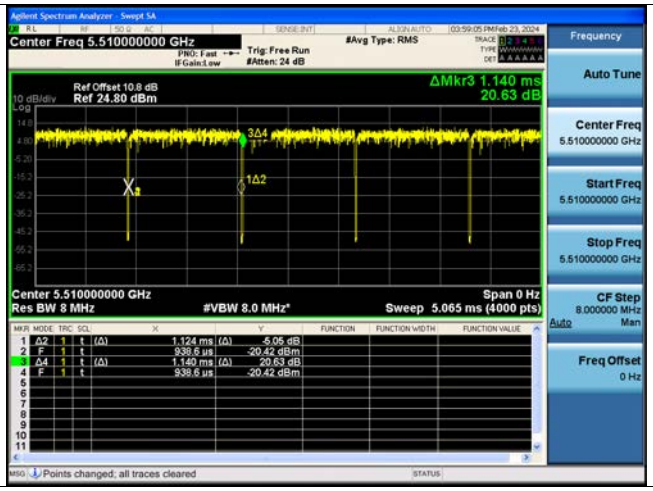
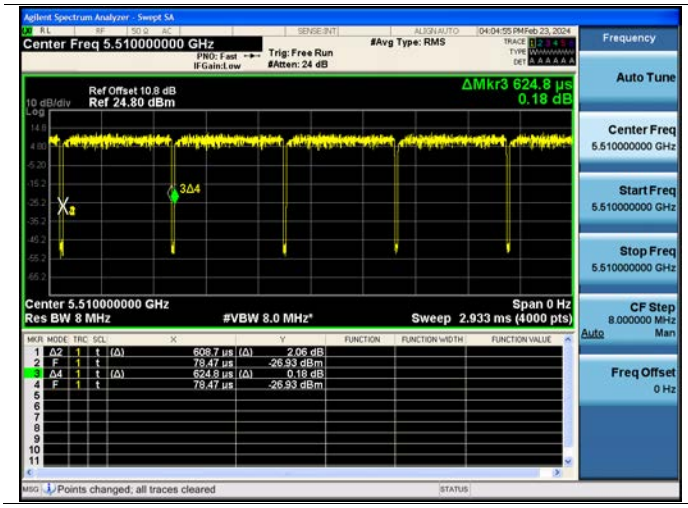
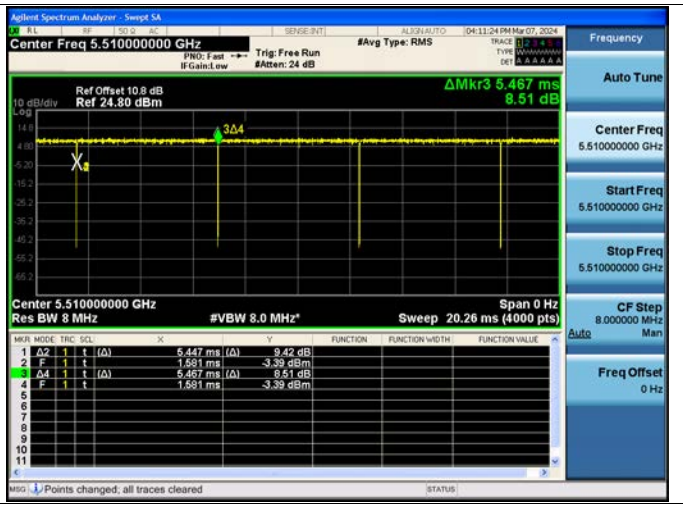
242Tone MCS0



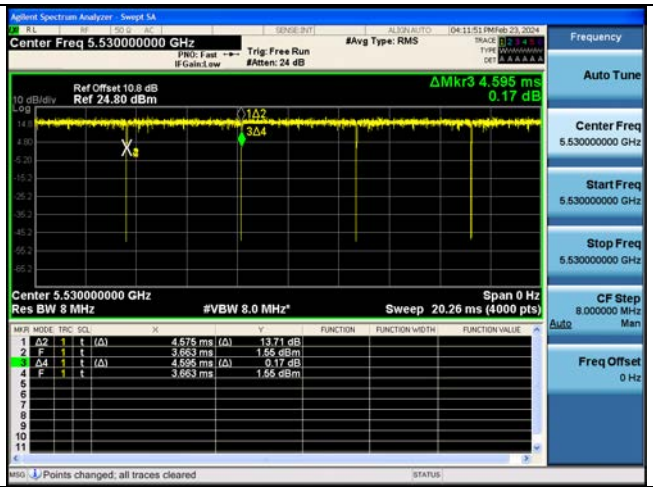
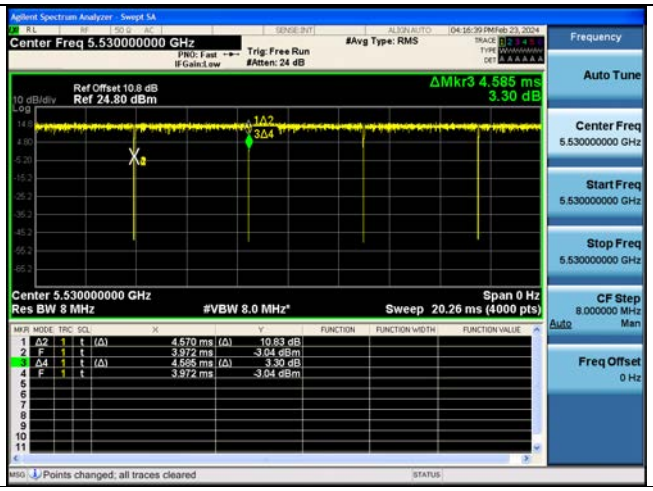
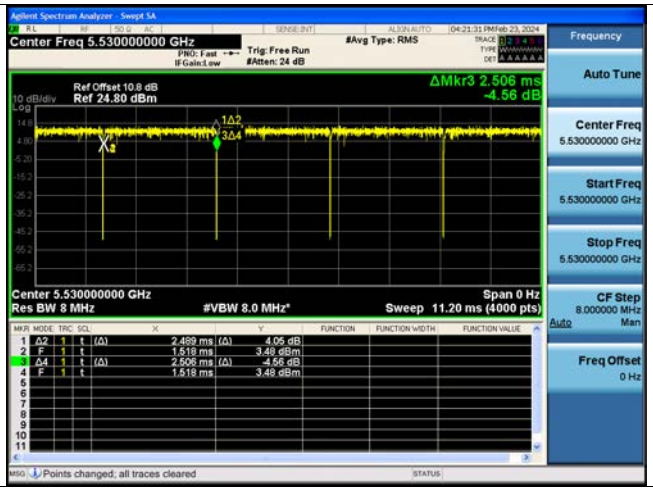
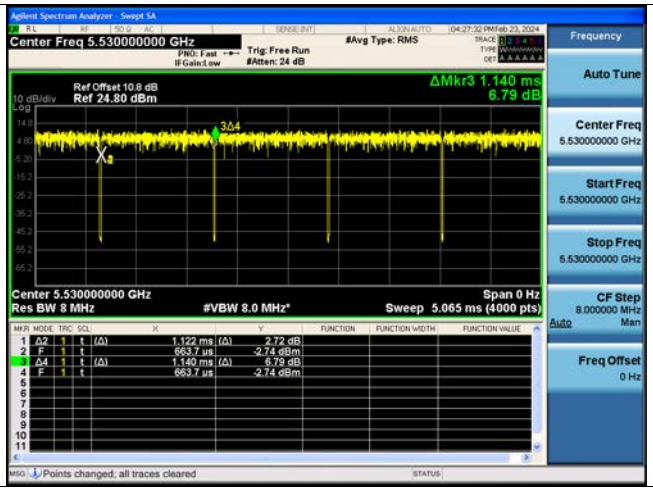
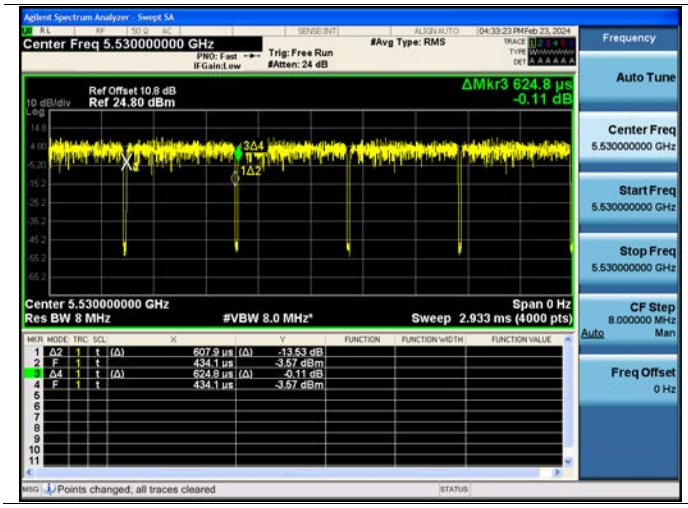
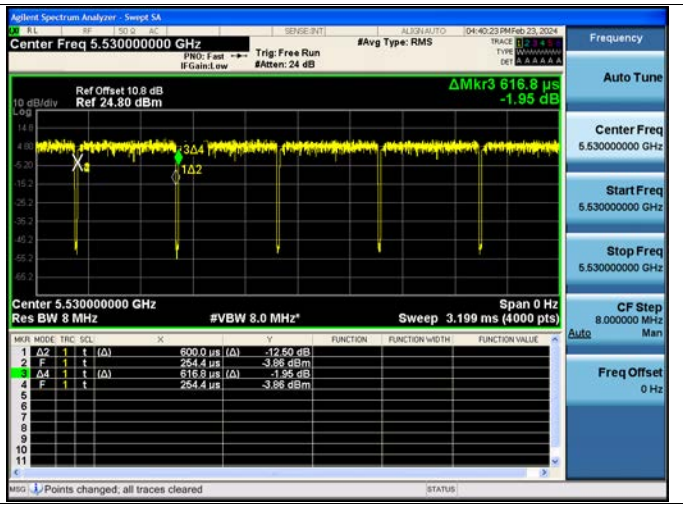
SU MCS0

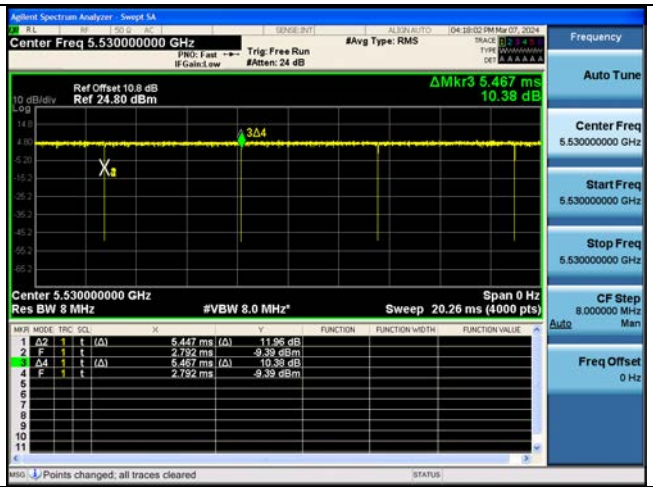


▣ **Test Plots**(Bandwidth 40M Ch.102(5510 MHz))

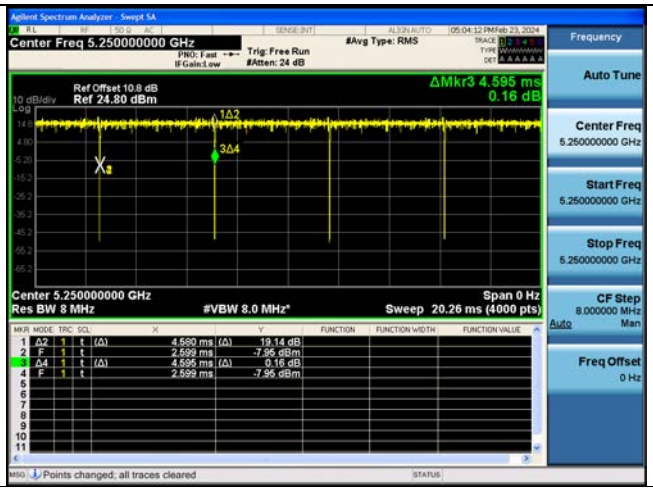
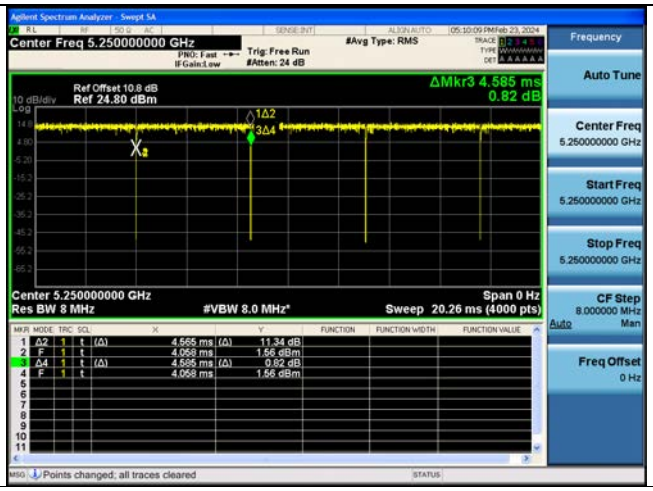
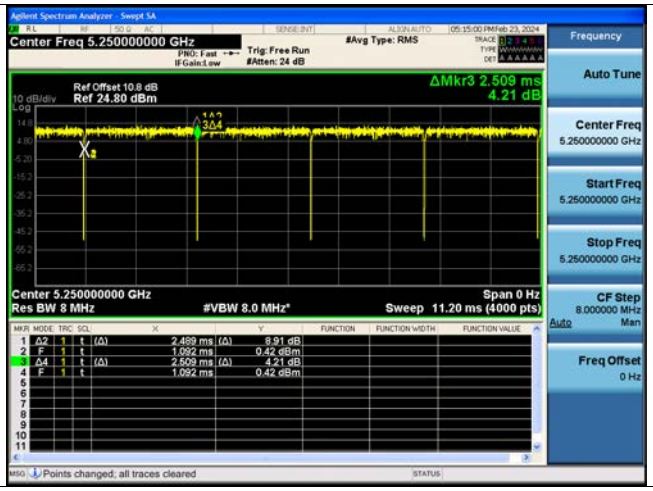
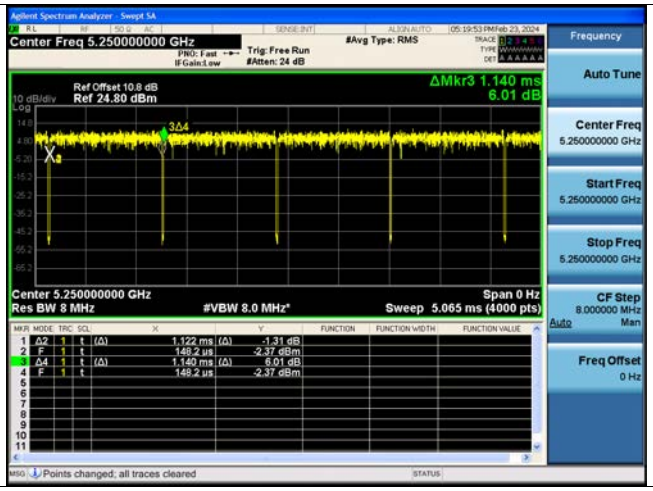
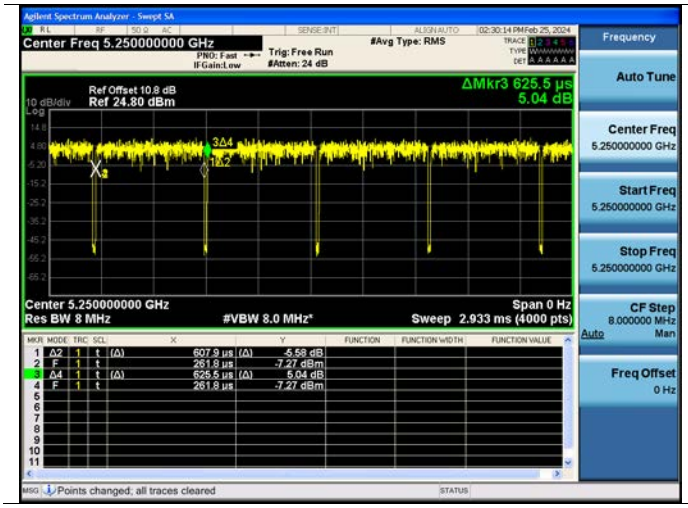
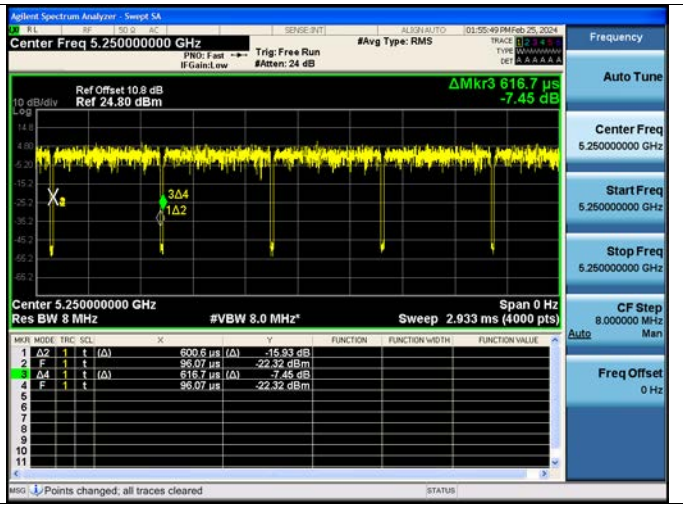
26Tone MCS0	52Tone MCS0
	
106Tone MCS0	**242Tone MCS0**
	
484Tone MCS0	**SU**
	

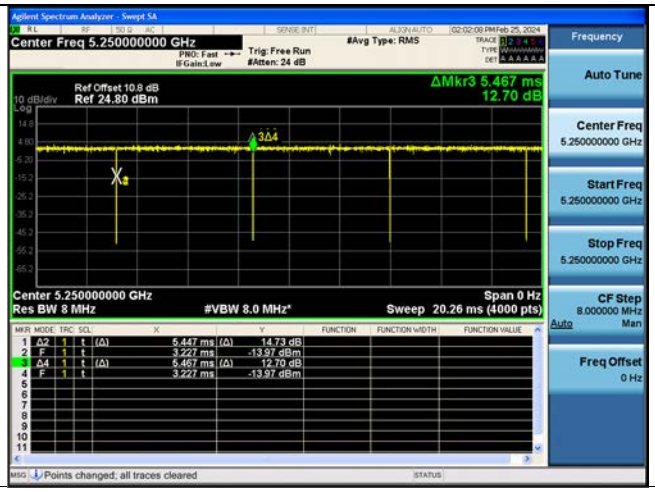
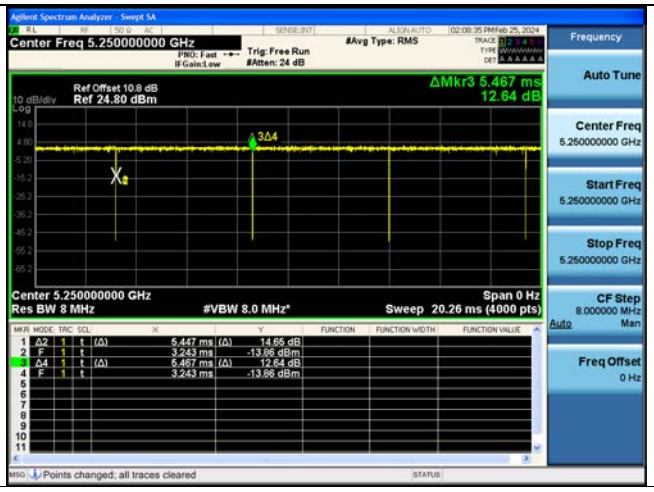
▣ **Test Plots**(Bandwidth 80M Ch.106(5530 MHz))

26Tone MCS0	52Tone MCS0
	
106Tone MCS0	**242Tone MCS0**
	
484Tone MCS0	**996Tone MCS0**
	

SU


▣ **Test Plots**(Bandwidth 160M Ch.50(5250 MHz))

26Tone MCS0	52Tone MCS0
	
106Tone MCS0	**242Tone MCS0**
	
484Tone MCS0	**996Tone MCS0**
	

SU	2x996Tone MCS0
	

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

10.2 26 dB BANDWIDTH & 99% BANDWIDTH

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

Straddle channel data were added in section 10.6.1.

10.2.1 Ant.1

Mode : HE20 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	19.51	17.66	19.57	18.164	16.561	18.234
	5200	40	19.31	18.35	19.64	18.026	16.564	18.214
	5240	48	19.56	18.19	18.64	18.112	16.688	17.328
UNII2A	5260	52	19.66	18.14	19.56	17.979	17.095	18.256
	5300	60	19.42	18.43	19.33	18.089	16.829	17.949
	5320	64	19.54	18.09	19.13	17.976	17.070	17.905
UNII2C	5500	100	19.44	18.30	19.66	18.092	16.589	17.738
	5600	120	19.40	18.32	18.85	18.025	16.755	17.756
	5720	144	19.34	17.74	18.88	17.984	16.630	17.786
UNII3	5745	149	19.73	18.20	19.62	18.132	17.081	17.911
	5785	157	19.57	18.19	19.50	18.108	17.053	18.197
	5825	165	18.66	18.29	19.56	17.218	17.111	18.160
UNII4	5845	169	19.68	18.41	19.56	18.259	16.714	18.181
	5865	173	19.58	17.39	19.80	16.977	16.091	18.365
	5885	177	19.71	18.04	19.69	18.268	16.968	18.118

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	20.13	18.57	19.75	18.101	17.119	18.113
	5200	40	19.94	18.70	20.11	18.201	16.336	18.032
	5240	48	19.68	17.74	19.99	18.196	16.700	18.046
UNII2A	5260	52	19.93	18.10	20.00	18.263	16.773	18.084
	5300	60	20.04	18.34	20.00	18.195	17.214	18.175
	5320	64	19.66	18.72	19.79	18.253	16.853	18.178
UNII2C	5500	100	19.81	18.47	19.89	18.258	17.071	18.156
	5600	120	19.71	18.14	19.73	18.185	16.963	18.077
	5720	144	19.62	18.22	19.83	18.201	17.112	18.015
UNII3	5745	149	19.93	18.55	20.04	18.200	16.382	17.462
	5785	157	20.07	18.49	19.83	18.176	16.941	17.521
	5825	165	20.14	18.57	19.99	18.211	16.735	17.934
UNII4	5845	169	19.73	18.73	20.01	17.683	17.144	17.686
	5865	173	19.52	18.29	19.15	18.200	17.010	17.853
	5885	177	20.07	17.26	20.05	18.159	16.175	18.261

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	19.98	-	20.04	18.242	-	18.218
	5200	40	20.18	-	20.11	17.857	-	18.259
	5240	48	20.23	-	19.95	18.080	-	18.188
UNII2A	5260	52	19.80	-	20.09	18.028	-	18.207
	5300	60	19.90	-	20.19	18.207	-	18.227
	5320	64	19.79	-	20.07	18.204	-	18.224
UNII2C	5500	100	19.97	-	19.90	18.144	-	18.163
	5600	120	20.24	-	19.95	18.024	-	18.261
	5720	144	20.17	-	20.07	18.182	-	18.189
UNII3	5745	149	19.92	-	20.11	18.105	-	18.149
	5785	157	19.97	-	19.78	18.216	-	18.144
	5825	165	19.73	-	20.14	18.159	-	17.197
UNII4	5845	169	20.17	-	20.07	18.196	-	18.290
	5865	173	19.68	-	20.03	18.142	-	18.155
	5885	177	20.15	-	19.87	18.088	-	18.238

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	-	21.08	-	-	19.039	-
	5200	40	-	21.05	-	-	19.033	-
	5240	48	-	21.18	-	-	19.017	-
UNII2A	5260	52	-	21.13	-	-	19.009	-
	5300	60	-	21.15	-	-	19.014	-
	5320	64	-	21.13	-	-	18.999	-
UNII2C	5500	100	-	21.19	-	-	18.994	-
	5600	120	-	21.01	-	-	19.017	-
	5720	144	-	20.87	-	-	19.032	-
UNII3	5745	149	-	20.97	-	-	18.991	-
	5785	157	-	20.98	-	-	18.980	-
	5825	165	-	20.93	-	-	19.010	-
UNII4	5845	169	-	21.03	-	-	19.004	-
	5865	173	-	21.13	-	-	19.068	-
	5885	177	-	21.07	-	-	18.983	-

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	-	21.42	-	-	18.982	-
	5200	40	-	21.27	-	-	19.019	-
	5240	48	-	21.16	-	-	19.000	-
UNII2A	5260	52	-	21.24	-	-	19.046	-
	5300	60	-	21.53	-	-	19.051	-
	5320	64	-	21.32	-	-	19.048	-
UNII2C	5500	100	-	21.61	-	-	19.031	-
	5600	120	-	21.36	-	-	19.024	-
	5720	144	-	21.42	-	-	19.008	-
UNII3	5745	149	-	21.49	-	-	19.037	-
	5785	157	-	21.31	-	-	19.026	-
	5825	165	-	21.55	-	-	19.036	-
UNII4	5845	169	-	21.30	-	-	19.015	-
	5865	173	-	21.23	-	-	19.016	-
	5885	177	-	21.57	-	-	19.001	-

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	20.09	22.57	19.88	18.436	19.864	18.457
	5230	46	19.71	22.01	19.99	18.044	19.825	18.299
UNII2A	5270	54	19.83	21.74	19.95	18.311	20.164	18.394
	5310	62	19.89	22.27	19.91	18.333	20.206	18.280
UNII2C	5510	102	20.18	22.61	20.44	18.319	20.319	18.403
	5590	118	20.03	22.42	19.89	18.361	20.351	18.197
	5710	142	19.93	21.76	20.23	18.306	20.385	18.176
UNII3	5755	151	19.96	22.26	19.93	18.302	19.920	18.232
	5795	159	20.01	22.30	19.98	18.311	20.201	18.373
UNII4	5835	167	20.19	22.42	19.88	18.443	20.194	18.228
	5875	175	19.96	21.91	20.22	18.240	19.969	17.721

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	21.99	23.49	20.63	18.140	19.832	18.126
	5230	46	21.07	23.43	20.42	18.118	19.636	17.968
UNII2A	5270	54	20.72	23.11	20.04	18.134	19.809	18.124
	5310	62	20.79	22.29	19.86	18.296	19.688	17.363
UNII2C	5510	102	20.52	23.40	20.10	18.156	19.577	17.924
	5590	118	20.58	22.59	20.13	18.139	19.954	18.109
	5710	142	20.87	23.77	20.58	18.189	19.689	18.220
UNII3	5755	151	20.52	23.39	20.13	18.111	19.854	17.961
	5795	159	22.00	23.78	21.83	17.951	19.460	17.949
UNII4	5835	167	21.83	22.93	20.23	18.252	19.731	18.097
	5875	175	20.49	23.55	22.58	18.304	20.012	17.980

Mode : HE40 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	29.63	28.64	29.69	17.973	19.223	18.140
	5230	46	25.65	24.52	25.50	17.882	18.977	18.004
UNII2A	5270	54	25.32	22.95	25.37	17.977	19.268	18.020
	5310	62	29.41	22.87	22.90	17.900	19.139	17.930
UNII2C	5510	102	29.58	28.27	29.71	17.969	19.265	18.095
	5590	118	25.58	23.97	29.82	17.960	19.213	18.030
	5710	142	29.66	28.59	22.81	17.899	19.653	17.841
UNII3	5755	151	29.67	28.27	25.27	18.000	19.130	18.081
	5795	159	29.48	28.38	29.42	17.998	19.223	18.059
UNII4	5835	167	25.54	24.44	29.65	17.871	19.216	18.019
	5875	175	25.65	28.47	29.49	17.885	19.282	18.005

Mode : HE40 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	33.48	-	33.42	19.480	-	19.360
	5230	46	33.76	-	33.44	19.589	-	19.411
UNII2A	5270	54	33.68	-	33.49	19.524	-	19.487
	5310	62	33.46	-	33.55	19.517	-	19.422
UNII2C	5510	102	33.60	-	33.38	19.506	-	19.356
	5590	118	33.72	-	33.50	19.505	-	19.408
	5710	142	33.74	-	33.41	19.492	-	19.410
UNII3	5755	151	33.68	-	33.20	19.531	-	19.385
	5795	159	33.70	-	33.46	19.433	-	19.404
UNII4	5835	167	33.70	-	33.62	19.522	-	19.490
	5875	175	33.96	-	33.59	19.491	-	19.657

Mode : HE40 484T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	-	41.62	-	-	37.984	-
	5230	46	-	41.65	-	-	37.977	-
UNII2A	5270	54	-	41.64	-	-	37.953	-
	5310	62	-	41.56	-	-	37.981	-
UNII2C	5510	102	-	41.56	-	-	37.960	-
	5590	118	-	41.52	-	-	37.952	-
	5710	142	-	41.68	-	-	38.004	-
UNII3	5755	151	-	41.54	-	-	37.982	-
	5795	159	-	41.63	-	-	37.981	-
UNII4	5835	167	-	41.38	-	-	37.967	-
	5875	175	-	41.55	-	-	37.978	-

Mode : HE40 SU

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	-	42.91	-	-	37.949	-
	5230	46	-	41.93	-	-	37.928	-
UNII2A	5270	54	-	42.02	-	-	37.907	-
	5310	62	-	42.13	-	-	37.903	-
UNII2C	5510	102	-	42.38	-	-	37.944	-
	5590	118	-	42.04	-	-	37.912	-
	5710	142	-	42.06	-	-	37.941	-
UNII3	5755	151	-	41.91	-	-	37.948	-
	5795	159	-	41.78	-	-	37.942	-
UNII4	5835	167	-	42.47	-	-	37.952	-
	5875	175	-	42.17	-	-	37.931	-

Mode : HE80 26T

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	21.70	77.75	22.07	19.305	74.680	19.818
UNII2A	5290	58	22.01	78.54	21.82	20.320	75.124	19.567
UNII2C	5530	106	22.00	77.35	23.45	19.134	74.354	20.369
	5610	122	22.04	77.75	22.15	19.809	74.798	20.040
	5690	138	21.76	78.26	21.82	19.918	75.422	19.657
UNII3	5775	155	22.48	78.05	23.42	19.874	75.025	20.126
UNII4	5855	171	21.73	78.31	22.83	20.075	75.277	19.848

Mode : HE80 52T

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	23.84	21.76	22.86	19.846	19.386	19.343
UNII2A	5290	58	24.22	25.86	24.14	20.014	21.094	19.499
UNII2C	5530	106	24.73	25.77	23.53	19.227	21.172	19.591
	5610	122	25.11	25.98	24.78	19.805	21.390	19.791
	5690	138	23.26	26.13	23.08	20.137	21.751	19.359
UNII3	5775	155	24.11	26.73	23.33	19.550	18.595	19.478
UNII4	5855	171	24.31	26.58	23.57	19.695	21.139	19.599

Mode : HE80 106T

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	24.11	23.78	24.56	19.062	19.140	18.881
UNII2A	5290	58	24.51	25.69	24.03	18.802	19.202	18.932
UNII2C	5530	106	23.59	25.12	24.32	18.700	19.245	19.072
	5610	122	24.03	24.43	23.83	18.757	19.217	18.790
	5690	138	24.95	24.41	23.16	19.103	18.919	18.708
UNII3	5775	155	22.70	23.37	23.50	18.612	18.938	18.540
UNII4	5855	171	23.27	25.45	24.59	18.760	19.321	18.895

Mode : HE80 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	32.43	33.43	31.53	21.222	20.876	20.500
UNII2A	5290	58	31.17	35.71	31.17	20.738	21.299	20.685
UNII2C	5530	106	32.20	34.60	32.59	21.057	20.883	20.826
	5610	122	32.04	32.58	32.21	21.203	20.529	20.654
	5690	138	31.72	31.40	35.19	21.124	20.551	21.655
UNII3	5775	155	32.12	34.70	34.07	21.488	21.357	20.684
UNII4	5855	171	32.26	36.34	32.06	21.007	21.463	20.817

Mode : HE80 484T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	69.49	-	69.49	42.104	-	40.330
UNII2A	5290	58	69.34	-	69.51	41.165	-	40.963
UNII2C	5530	106	69.47	-	69.65	41.084	-	41.185
	5610	122	69.90	-	69.68	41.897	-	41.301
	5690	138	68.88	-	70.43	41.800	-	41.941
UNII3	5775	155	69.34	-	69.70	43.025	-	40.633
UNII4	5855	171	69.49	-	69.70	41.392	-	41.263

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	-	87.30	-	-	77.712	-
UNII2A	5290	58	-	87.55	-	-	77.807	-
UNII2C	5530	106	-	87.24	-	-	77.733	-
	5610	122	-	86.87	-	-	77.747	-
	5690	138	-	87.27	-	-	77.795	-
UNII3	5775	155	-	87.59	-	-	77.753	-
UNII4	5855	171	-	87.40	-	-	77.758	-

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	-	88.08	-	-	77.968	-
UNII2A	5290	58	-	90.10	-	-	77.857	-
UNII2C	5530	106	-	87.39	-	-	77.896	-
	5610	122	-	87.80	-	-	77.907	-
	5690	138	-	87.47	-	-	77.802	-
UNII3	5775	155	-	89.33	-	-	77.811	-
UNII4	5855	171	-	88.32	-	-	77.838	-

Mode : HE160(80L)

Band	Tone	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
UNII 1-2A	26T	5250	50	24.66	77.74	24.82	22.171	74.135	24.420
UNII 2C		5570	114	25.13	79.23	24.78	21.816	75.549	24.498
UNII 3-4		5815	163	26.67	76.79	25.83	21.895	73.301	25.896
UNII 1-2A	52T	5250	50	25.82	28.69	27.05	22.849	25.290	25.187
UNII 2C		5570	114	30.10	29.57	32.40	22.391	25.099	25.036
UNII 3-4		5815	163	26.58	30.06	32.48	22.124	25.145	26.871
UNII 1-2A	106T	5250	50	32.46	36.58	31.08	22.244	23.312	23.194
UNII 2C		5570	114	31.32	34.59	33.18	21.608	23.162	23.118
UNII 3-4		5815	163	32.77	29.73	33.07	22.789	21.682	23.237
UNII 1-2A	242T	5250	50	42.55	48.11	42.92	27.445	27.182	25.393
UNII 2C		5570	114	40.20	45.02	39.83	25.561	25.620	25.231
UNII 3-4		5815	163	47.30	49.70	40.64	29.989	26.658	24.857
UNII 1-2A	484T	5250	50	63.24	-	72.72	40.300	-	43.487
UNII 2C		5570	114	61.32	-	72.41	40.226	-	43.798
UNII 3-4		5815	163	62.82	-	73.44	40.052	-	43.312
UNII 1-2A	996T	5250	50	-	113.9	-	-	79.046	-
UNII 2C		5570	114	-	110.3	-	-	79.015	-
UNII 3-4		5815	163	-	115.9	-	-	79.362	-

Mode : HE160(80U)

Band	Tone	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
UNII 1-2A	26T	5250	50	19.20	75.86	25.69	18.770	72.460	22.488
UNII 2C		5570	114	26.59	77.44	25.57	25.660	74.158	22.103
UNII 3-4		5815	163	26.16	78.57	15.79	25.964	75.050	23.143
UNII 1-2A	52T	5250	50	28.70	32.08	28.80	25.556	26.408	22.169
UNII 2C		5570	114	30.54	32.69	26.97	27.730	27.996	21.857
UNII 3-4		5815	163	30.65	31.58	24.45	24.962	27.882	21.261
UNII 1-2A	106T	5250	50	35.35	34.19	31.33	23.946	23.548	20.874
UNII 2C		5570	114	33.67	34.68	33.69	24.048	23.616	21.164
UNII 3-4		5815	163	36.27	35.05	25.31	23.724	24.521	20.615
UNII 1-2A	242T	5250	50	44.27	45.00	41.21	24.690	24.949	26.988
UNII 2C		5570	114	44.14	50.59	43.39	25.319	27.398	29.021
UNII 3-4		5815	163	43.67	43.92	42.71	25.586	24.837	27.132
UNII 1-2A	484T	5250	50	69.97	-	70.77	42.904	-	43.791
UNII 2C		5570	114	71.06	-	66.05	42.291	-	44.913
UNII 3-4		5815	163	68.16	-	68.30	41.754	-	44.611
UNII 1-2A	996T	5250	50	-	98.01	-	-	78.446	-
UNII 2C		5570	114	-	104.5	-	-	78.800	-
UNII 3-4		5815	163	-	100.4	-	-	78.497	-

Mode : HE160									
Band	Tone	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
UNII 1-2A	SU	5250	50	-	170.1	-	-	157.00	-
UNII 2C		5570	114	-	174.2	-	-	157.03	-
UNII 3-4		5815	163	-	172.1	-	-	156.93	-
UNII 1-2A	2x996T	5250	50	-	173.1	-	-	156.81	-
UNII 2C		5570	114	-	173.1	-	-	157.06	-
UNII 3-4		5815	163	-	172.3	-	-	156.96	-

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	19.50	18.38	19.64	18.263	17.012	18.009
	5200	40	19.60	17.55	19.66	17.953	16.161	18.111
	5240	48	19.55	18.18	19.79	18.164	16.670	18.292
UNII2A	5260	52	19.10	18.20	19.72	17.699	17.029	18.104
	5300	60	19.48	18.15	19.50	18.105	16.952	18.212
	5320	64	19.77	18.44	19.54	18.259	17.005	18.030
UNII2C	5500	100	19.68	18.21	19.58	17.982	16.992	18.085
	5600	120	19.69	18.00	19.55	18.202	16.015	18.332
	5720	144	19.64	18.24	19.58	18.197	16.719	18.188
UNII3	5745	149	19.38	17.92	19.55	17.974	16.349	18.161
	5785	157	19.54	17.60	19.67	18.034	16.125	18.170
	5825	165	19.78	18.09	19.51	18.324	17.017	18.049
UNII4	5845	169	19.65	18.16	19.54	18.138	16.783	18.004
	5865	173	19.64	17.60	19.48	16.838	16.006	18.308
	5885	177	19.56	18.01	19.59	17.934	16.692	18.262

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	19.61	18.46	19.05	18.096	17.049	17.780
	5200	40	19.92	18.37	20.09	18.240	17.054	18.174
	5240	48	20.10	18.63	19.89	17.855	16.801	18.159
UNII2A	5260	52	19.96	18.16	19.83	17.892	16.882	17.913
	5300	60	19.92	18.42	20.10	17.080	16.827	17.971
	5320	64	19.87	18.33	19.08	17.730	17.021	17.388
UNII2C	5500	100	19.63	18.63	19.93	18.112	16.629	18.182
	5600	120	19.81	18.26	19.88	18.259	17.056	18.178
	5720	144	19.59	18.02	19.57	18.160	16.203	18.127
UNII3	5745	149	19.91	18.74	19.73	18.239	17.051	18.140
	5785	157	20.09	18.32	19.95	18.118	16.768	18.125
	5825	165	19.68	17.97	19.27	18.167	16.515	17.862
UNII4	5845	169	20.10	18.58	19.67	18.232	16.960	18.160
	5865	173	19.74	18.67	19.48	18.192	16.363	18.154
	5885	177	19.91	18.05	19.74	18.158	17.005	18.176

Mode : HE20 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	19.79	-	19.88	18.220	-	18.262
	5200	40	20.13	-	20.13	18.178	-	18.258
	5240	48	20.05	-	20.08	18.221	-	17.912
UNII2A	5260	52	20.31	-	20.07	18.245	-	18.194
	5300	60	20.21	-	20.09	18.232	-	18.206
	5320	64	20.21	-	20.02	18.220	-	18.149
UNII2C	5500	100	20.14	-	19.61	18.218	-	18.205
	5600	120	20.31	-	19.94	18.151	-	18.202
	5720	144	20.07	-	19.84	18.191	-	18.279
UNII3	5745	149	20.13	-	19.80	18.067	-	18.278
	5785	157	20.11	-	20.14	18.031	-	18.131
	5825	165	19.67	-	20.09	18.204	-	18.232
UNII4	5845	169	19.98	-	20.04	18.171	-	18.288
	5865	173	20.12	-	20.05	18.203	-	18.265
	5885	177	19.89	-	19.90	18.155	-	18.057

Mode : HE20 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	-	21.15	-	-	19.011	-
	5200	40	-	21.05	-	-	19.013	-
	5240	48	-	21.02	-	-	18.992	-
UNII2A	5260	52	-	20.75	-	-	18.986	-
	5300	60	-	21.15	-	-	18.983	-
	5320	64	-	21.02	-	-	18.992	-
UNII2C	5500	100	-	21.03	-	-	19.019	-
	5600	120	-	20.98	-	-	19.024	-
	5720	144	-	21.02	-	-	19.005	-
UNII3	5745	149	-	20.95	-	-	19.030	-
	5785	157	-	20.98	-	-	19.018	-
	5825	165	-	20.95	-	-	19.005	-
UNII4	5845	169	-	21.03	-	-	18.995	-
	5865	173	-	21.12	-	-	19.082	-
	5885	177	-	20.92	-	-	18.985	-

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	-	21.40	-	-	19.009	-
	5200	40	-	21.30	-	-	19.054	-
	5240	48	-	21.22	-	-	19.039	-
UNII2A	5260	52	-	21.22	-	-	19.004	-
	5300	60	-	21.21	-	-	19.047	-
	5320	64	-	21.34	-	-	19.020	-
UNII2C	5500	100	-	21.42	-	-	19.027	-
	5600	120	-	21.41	-	-	19.001	-
	5720	144	-	21.24	-	-	19.022	-
UNII3	5745	149	-	21.72	-	-	19.020	-
	5785	157	-	21.39	-	-	19.026	-
	5825	165	-	21.17	-	-	19.014	-
UNII4	5845	169	-	21.34	-	-	18.999	-
	5865	173	-	21.15	-	-	19.028	-
	5885	177	-	21.39	-	-	18.998	-

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	20.15	22.21	19.86	18.274	19.840	18.410
	5230	46	19.80	21.69	19.88	18.423	18.924	18.382
UNII2A	5270	54	19.88	22.58	20.03	18.307	19.934	18.349
	5310	62	19.86	22.36	21.37	18.247	19.932	18.373
UNII2C	5510	102	20.13	22.52	20.09	18.467	20.309	17.837
	5590	118	19.63	23.02	19.69	18.152	20.121	18.302
	5710	142	19.77	21.73	20.00	18.228	20.042	18.322
UNII3	5755	151	19.89	22.39	19.68	18.285	19.510	18.297
	5795	159	19.84	22.06	20.19	18.271	20.231	18.414
UNII4	5835	167	19.94	22.10	20.13	18.300	20.055	18.269
	5875	175	20.03	23.12	20.03	18.454	20.918	18.487

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	21.99	23.36	21.77	18.109	19.699	18.090
	5230	46	22.83	22.91	20.14	18.204	19.724	17.680
UNII2A	5270	54	22.19	23.28	22.64	18.030	19.803	17.006
	5310	62	20.75	22.32	20.34	18.158	18.998	18.127
UNII2C	5510	102	22.25	23.58	22.85	18.259	19.572	17.360
	5590	118	20.52	23.66	21.92	18.004	19.898	18.118
	5710	142	20.62	23.15	22.26	17.869	19.729	18.147
UNII3	5755	151	22.17	22.64	20.83	17.993	19.936	18.262
	5795	159	20.62	22.75	20.14	17.621	19.805	17.997
UNII4	5835	167	22.11	22.99	19.90	18.165	19.790	18.069
	5875	175	22.12	23.59	20.66	18.150	19.560	18.202

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	29.59	28.35	23.15	17.701	19.197	17.885
	5230	46	29.67	28.34	29.28	17.844	19.178	17.922
UNII2A	5270	54	29.64	22.84	29.77	17.979	19.238	17.976
	5310	62	29.56	28.55	29.69	17.952	19.239	17.955
UNII2C	5510	102	25.64	28.33	22.82	17.957	19.100	18.122
	5590	118	29.85	23.32	29.65	18.011	19.345	18.030
	5710	142	29.81	24.45	25.62	17.926	19.121	18.138
UNII3	5755	151	29.61	28.23	29.40	17.930	19.045	18.017
	5795	159	29.45	24.28	29.44	17.976	19.161	17.916
UNII4	5835	167	25.55	23.28	29.43	17.981	19.039	18.069
	5875	175	29.83	24.04	29.64	17.948	18.920	17.959

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	33.74	-	32.99	19.499	-	19.368
	5230	46	33.67	-	33.55	19.537	-	19.374
UNII2A	5270	54	33.74	-	33.34	19.489	-	19.475
	5310	62	33.73	-	33.52	19.455	-	19.514
UNII2C	5510	102	33.66	-	33.63	19.510	-	19.463
	5590	118	30.50	-	33.42	19.604	-	19.605
	5710	142	33.50	-	33.60	19.620	-	19.412
UNII3	5755	151	33.63	-	33.42	19.526	-	19.416
	5795	159	33.59	-	33.56	19.467	-	19.553
UNII4	5835	167	33.60	-	33.56	19.512	-	19.450
	5875	175	33.60	-	33.50	19.423	-	19.482

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	-	41.29	-	-	37.937	-
	5230	46	-	41.60	-	-	37.967	-
UNII2A	5270	54	-	41.55	-	-	37.988	-
	5310	62	-	41.62	-	-	38.009	-
UNII2C	5510	102	-	41.60	-	-	37.968	-
	5590	118	-	41.56	-	-	37.930	-
	5710	142	-	41.24	-	-	37.953	-
UNII3	5755	151	-	41.55	-	-	37.961	-
	5795	159	-	41.36	-	-	37.982	-
UNII4	5835	167	-	41.55	-	-	37.947	-
	5875	175	-	41.54	-	-	37.988	-

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	-	42.06	-	-	37.916	-
	5230	46	-	42.51	-	-	37.903	-
UNII2A	5270	54	-	41.78	-	-	37.927	-
	5310	62	-	41.88	-	-	37.936	-
UNII2C	5510	102	-	42.13	-	-	37.957	-
	5590	118	-	41.47	-	-	37.927	-
	5710	142	-	42.41	-	-	37.923	-
UNII3	5755	151	-	41.99	-	-	37.944	-
	5795	159	-	42.19	-	-	37.951	-
UNII4	5835	167	-	42.09	-	-	37.941	-
	5875	175	-	41.84	-	-	37.922	-

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	22.29	78.28	21.67	20.178	75.191	20.137
UNII2A	5290	58	23.01	78.42	21.86	20.191	75.230	19.909
UNII2C	5530	106	21.81	77.57	21.21	19.966	75.044	19.310
	5610	122	22.91	78.40	22.68	19.987	75.280	19.955
	5690	138	22.19	78.35	21.89	19.943	75.393	19.682
UNII3	5775	155	21.54	77.85	22.58	18.980	74.872	19.803
UNII4	5855	171	23.02	78.02	23.30	20.310	74.699	20.040

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	25.06	24.76	24.78	20.091	20.623	19.625
UNII2A	5290	58	23.33	24.77	24.07	19.998	21.207	19.682
UNII2C	5530	106	24.35	25.47	24.29	19.768	20.984	19.834
	5610	122	24.60	25.29	24.67	19.710	20.902	19.405
	5690	138	24.79	26.64	22.55	19.905	21.289	19.177
UNII3	5775	155	25.43	26.16	23.95	20.412	21.164	19.531
UNII4	5855	171	24.80	26.66	23.59	20.015	21.385	19.687

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	24.86	24.47	24.53	18.848	19.170	19.030
UNII2A	5290	58	23.53	22.95	23.51	19.013	19.221	18.870
UNII2C	5530	106	25.21	27.72	23.85	19.093	19.206	18.918
	5610	122	24.77	27.18	22.42	18.716	19.654	18.925
	5690	138	25.06	26.71	25.85	19.066	19.125	19.043
UNII3	5775	155	23.28	24.91	22.73	18.789	19.380	18.820
UNII4	5855	171	23.26	25.96	24.43	18.797	19.059	18.770

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	32.83	32.53	30.84	21.320	20.816	20.684
UNII2A	5290	58	32.05	35.27	31.70	20.926	21.190	20.588
UNII2C	5530	106	31.92	34.64	31.68	21.269	20.938	20.714
	5610	122	31.94	32.37	31.83	21.328	20.690	20.834
	5690	138	32.57	28.59	35.93	21.069	20.532	21.818
UNII3	5775	155	33.44	33.23	34.61	21.285	20.874	21.058
UNII4	5855	171	31.96	35.95	31.86	21.117	21.374	20.827

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	68.80	-	69.52	42.323	-	40.540
UNII2A	5290	58	69.47	-	69.33	42.355	-	40.572
UNII2C	5530	106	69.32	-	69.40	43.266	-	40.826
	5610	122	69.55	-	69.78	41.524	-	40.402
	5690	138	68.91	-	69.54	41.873	-	40.918
UNII3	5775	155	68.86	-	69.48	41.779	-	41.329
UNII4	5855	171	69.38	-	69.97	42.035	-	40.816

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	-	86.72	-	-	77.796	-
UNII2A	5290	58	-	86.85	-	-	77.809	-
UNII2C	5530	106	-	86.59	-	-	77.791	-
	5610	122	-	86.80	-	-	77.732	-
	5690	138	-	85.82	-	-	77.785	-
UNII3	5775	155	-	86.92	-	-	77.762	-
UNII4	5855	171	-	86.58	-	-	77.780	-

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	-	88.64	-	-	77.908	-
UNII2A	5290	58	-	87.63	-	-	77.913	-
UNII2C	5530	106	-	87.16	-	-	77.854	-
	5610	122	-	88.10	-	-	77.889	-
	5690	138	-	89.92	-	-	77.985	-
UNII3	5775	155	-	86.38	-	-	77.934	-
UNII4	5855	171	-	88.23	-	-	77.826	-

Mode : HE160(80L)

Band	Tone	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
UNII 1-2A	26T	5250	50	24.41	79.36	27.01	22.144	75.495	26.420
UNII 2C		5570	114	26.71	78.87	26.43	22.298	75.512	24.984
UNII 3-4		5815	163	26.37	78.15	28.61	22.576	74.988	25.345
UNII 1-2A	52T	5250	50	21.71	30.77	29.05	20.815	25.648	24.740
UNII 2C		5570	114	24.57	27.87	28.49	21.619	24.474	25.622
UNII 3-4		5815	163	24.48	26.49	30.24	21.200	24.841	24.898
UNII 1-2A	106T	5250	50	32.74	26.25	30.63	21.637	22.129	23.309
UNII 2C		5570	114	26.06	32.01	36.30	21.545	22.510	22.659
UNII 3-4		5815	163	31.29	29.76	35.56	22.942	22.750	22.382
UNII 1-2A	242T	5250	50	39.83	48.58	40.70	26.049	26.511	24.538
UNII 2C		5570	114	39.42	42.48	39.42	25.293	25.966	25.119
UNII 3-4		5815	163	45.30	74.03	40.05	28.637	26.290	24.822
UNII 1-2A	484T	5250	50	86.85	-	70.74	40.131	-	42.417
UNII 2C		5570	114	87.50	-	71.05	40.290	-	42.164
UNII 3-4		5815	163	87.75	-	71.03	39.845	-	42.531
UNII 1-2A	996T	5250	50	-	113.7	-	-	79.031	-
UNII 2C		5570	114	-	108.3	-	-	78.709	-
UNII 3-4		5815	163	-	108.0	-	-	78.740	-

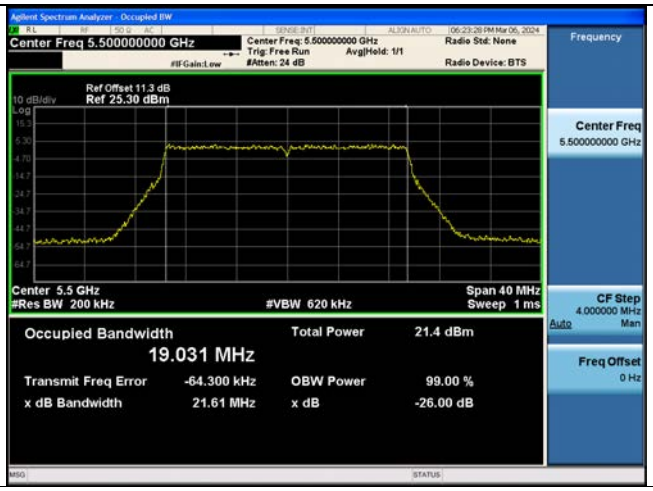
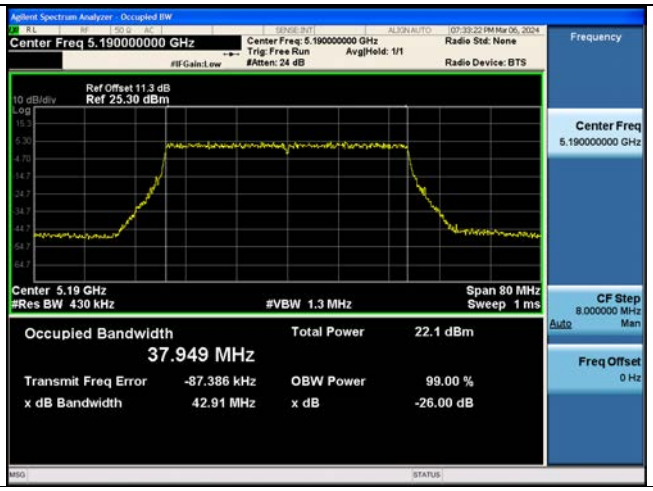
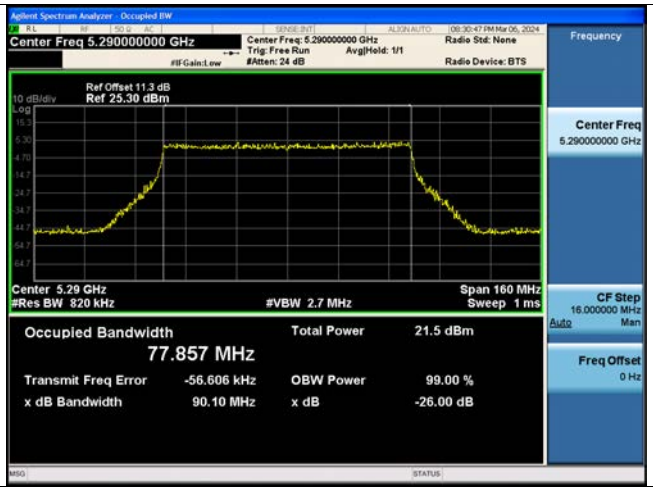
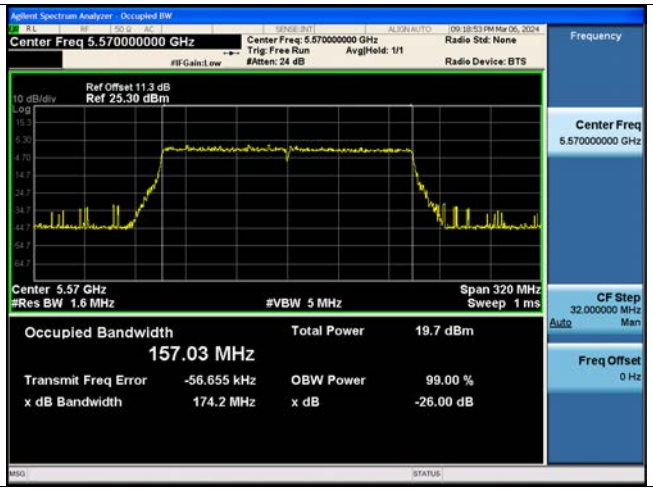
Mode : HE160(80U)

Band	Tone	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
UNII 1-2A	26T	5250	50	25.61	78.35	27.41	24.821	74.600	24.907
UNII 2C		5570	114	26.24	78.80	28.01	25.680	75.299	22.979
UNII 3-4		5815	163	27.80	77.00	26.11	25.978	74.081	23.444
UNII 1-2A	52T	5250	50	25.46	28.23	28.04	23.138	21.655	21.950
UNII 2C		5570	114	33.32	32.23	26.80	26.094	28.245	21.711
UNII 3-4		5815	163	29.59	31.18	28.11	26.129	27.469	22.189
UNII 1-2A	106T	5250	50	32.17	35.19	34.63	24.452	24.562	21.816
UNII 2C		5570	114	34.97	32.71	31.85	23.910	24.612	21.043
UNII 3-4		5815	163	32.15	32.67	30.14	22.947	23.571	20.786
UNII 1-2A	242T	5250	50	42.19	48.63	41.44	24.061	26.554	27.471
UNII 2C		5570	114	43.92	52.36	47.21	25.647	26.949	29.910
UNII 3-4		5815	163	43.33	42.31	42.20	24.637	25.245	28.526
UNII 1-2A	484T	5250	50	69.53	-	91.02	43.111	-	45.742
UNII 2C		5570	114	69.16	-	85.10	41.871	-	45.330
UNII 3-4		5815	163	66.34	-	87.08	42.043	-	45.981
UNII 1-2A	996T	5250	50	-	100.5	-	-	78.560	-
UNII 2C		5570	114	-	98.56	-	-	78.491	-
UNII 3-4		5815	163	-	103.4	-	-	78.513	-

Mode : HE160									
Band	Tone	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
UNII 1-2A	SU	5250	50	-	171.1	-	-	156.99	-
UNII 2C		5570	114	-	172.6	-	-	157.11	-
UNII 3-4		5815	163	-	171.4	-	-	157.07	-
UNII 1-2A	2x996T	5250	50	-	172.1	-	-	157.16	-
UNII 2C		5570	114	-	172.4	-	-	157.18	-
UNII 3-4		5815	163	-	171.9	-	-	157.10	-

▣ Test Plots

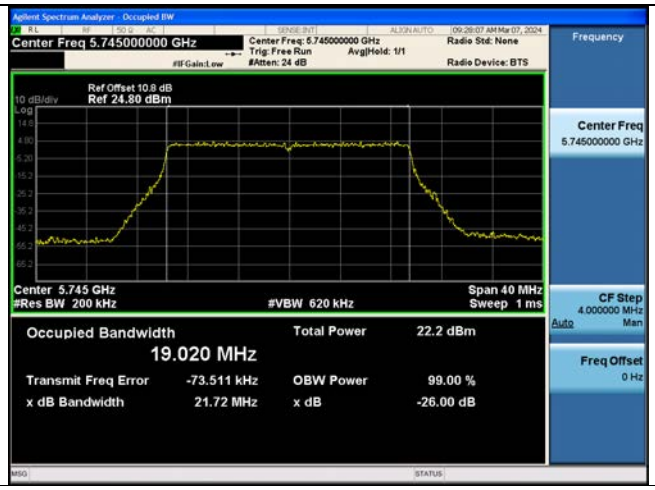
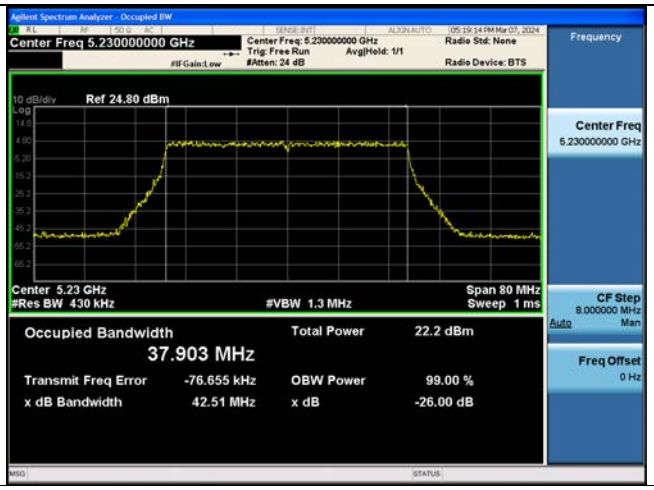
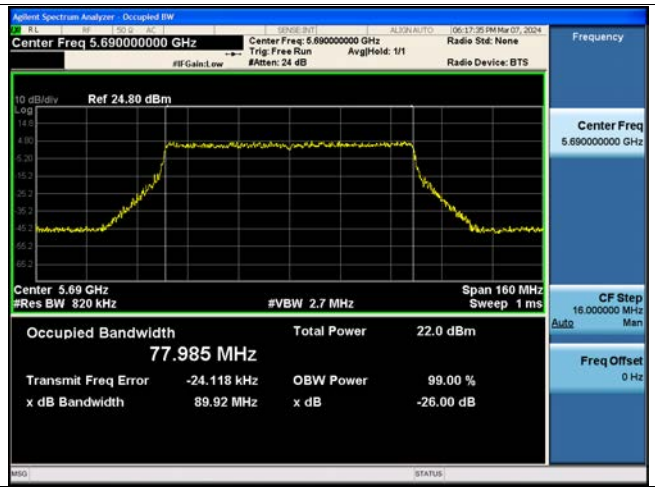
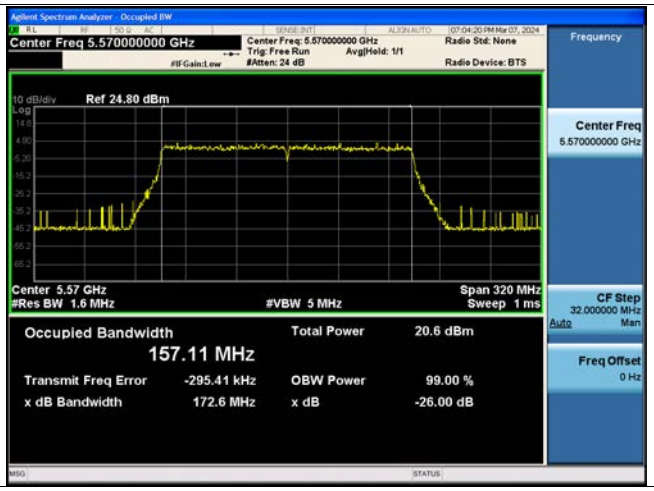
[Ant.1]

Bandwidth 20M Ch.100(5500 MHz) SU	Bandwidth 40M Ch.38(5190 MHz) SU
	
Bandwidth 80M Ch.58(5290 MHz) SU	**Bandwidth 160M_SU Ch.114(5570 MHz)**
	

Note:

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

[Ant.2]

Bandwidth 20M Ch.149(5745 MHz) SU	Bandwidth 40M Ch.46(5230 MHz) SU
	
Bandwidth 80M Ch.138(5690 MHz) SU	**Bandwidth 160M_SU Ch.114(5570 MHz)**
	

Note:

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

10.3 6 dB BANDWIDTH

Limit : > 0.5 MHz

10.3.1 Ant.1

Mode : HE20						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1
UNII3	26T	5745	149	2.050	2.678	2.062
		5785	157	2.068	2.637	2.090
		5825	165	2.066	2.667	2.043
UNII4		5845	169	2.044	2.672	2.052
		5865	173	2.062	2.666	2.048
		5885	177	2.070	2.632	2.087
UNII3	52T	5745	149	14.562	15.019	8.246
		5785	157	17.075	15.076	15.771
		5825	165	17.089	11.307	17.093
UNII4		5845	169	17.043	15.064	17.014
		5865	173	17.070	10.439	15.820
		5885	177	14.560	13.766	14.596
UNII3	106T	5745	149	17.186	-	17.385
		5785	157	17.148	-	17.173
		5825	165	17.174	-	17.385
UNII4		5845	169	18.075	-	17.374
		5865	173	18.102	-	17.073
		5885	177	17.178	-	17.385
UNII3	242T	5745	149	-	19.078	-
		5785	157	-	19.085	-
		5825	165	-	19.073	-
UNII4		5845	169	-	19.089	-
		5865	173	-	19.076	-
		5885	177	-	19.105	-
UNII3	SU	5745	149	-	19.092	-
		5785	157	-	19.018	-
		5825	165	-	19.083	-
UNII4		5845	169	-	19.136	-
		5865	173	-	19.099	-
		5885	177	-	19.062	-

Mode : HE40						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1
UNII3	26T	5755	151	2.092	2.139	2.131
		5795	159	2.129	2.123	2.146
UNII4		5835	167	2.160	2.111	2.125
		5875	175	2.135	2.132	2.133
UNII3	52T	5755	151	16.585	17.288	16.616
		5795	159	16.567	17.311	14.071
UNII4		5835	167	16.597	14.796	15.344
		5875	175	16.581	14.804	15.391
UNII3	106T	5755	151	16.669	17.347	16.645
		5795	159	16.682	17.537	16.637
UNII4		5835	167	16.613	17.361	16.647
		5875	175	16.631	17.358	16.839
UNII3	242T	5755	151	18.908	-	18.873
		5795	159	18.925	-	18.873
UNII4		5835	167	18.903	-	18.883
		5875	175	18.856	-	18.877
UNII3	484T	5755	151	-	38.242	-
		5795	159	-	38.242	-
UNII4		5835	167	-	38.246	-
		5875	175	-	38.228	-
UNII3	SU	5755	151	-	38.243	-
		5795	159	-	38.196	-
UNII4		5835	167	-	38.168	-
		5875	175	-	38.170	-

Mode : HE80						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1
UNII3	26T	5775	155	2.196	2.783	2.231
UNII4		5855	171	2.219	2.769	2.210
UNII3	52T	5775	155	16.633	13.742	16.642
UNII4		5855	171	15.421	16.287	14.144
UNII3	106T	5775	155	16.717	16.373	16.734
UNII4		5855	171	16.750	16.356	16.959
UNII3	242T	5775	155	19.018	19.024	18.970
UNII4		5855	171	19.007	19.067	18.967
UNII3	484T	5775	155	37.958	-	37.804
UNII4		5855	171	37.968	-	37.883
UNII3	996T	5775	155	-	78.208	-
UNII4		5855	171	-	78.238	-
UNII3	SU	5775	155	-	78.266	-
UNII4		5855	171	-	78.339	-

Mode : HE160(80L)						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1
UNII 3-4	26T	5815	163	2.366	2.991	2.524
UNII 3-4	52T	5815	163	14.316	5.020	16.910
UNII 3-4	106T	5815	163	17.081	15.517	17.112
UNII 3-4	242T	5815	163	19.118	19.073	19.181
UNII 3-4	484T	5815	163	37.968	-	37.975
UNII 3-4	996T	5815	163	-	78.223	-

Mode : HE160(80U)						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1
UNII 3-4	26T	5815	163	2.396	3.021	2.507
UNII 3-4	52T	5815	163	13.123	16.590	13.015
UNII 3-4	106T	5815	163	15.834	16.409	17.035
UNII 3-4	242T	5815	163	19.107	19.082	19.143
UNII 3-4	484T	5815	163	37.965	-	37.998
UNII 3-4	996T	5815	163	-	78.210	-

Mode : HE160						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1
UNII 3-4	SU	5815	163	-	158.313	-
UNII 3-4	2x996T	5815	163	-	158.277	-

10.3.2 Ant.2

Mode : HE20						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2
UNII3	26T	5745	149	2.039	2.680	2.064
		5785	157	2.072	2.626	2.136
		5825	165	2.044	2.666	2.059
UNII4		5845	169	2.084	2.708	2.148
		5865	173	2.067	2.709	2.092
		5885	177	2.080	2.712	2.049
UNII3	52T	5745	149	17.074	12.996	15.770
		5785	157	17.035	15.058	16.985
		5825	165	17.083	13.822	4.515
UNII4		5845	169	17.058	15.114	15.807
		5865	173	15.821	12.912	4.055
		5885	177	17.023	15.075	17.067
UNII3	106T	5745	149	17.191	-	17.391
		5785	157	17.165	-	17.180
		5825	165	15.931	-	17.404
UNII4		5845	169	17.179	-	17.387
		5865	173	17.163	-	17.341
		5885	177	17.159	-	17.405
UNII3	242T	5745	149	-	19.075	-
		5785	157	-	19.047	-
		5825	165	-	19.039	-
UNII4		5845	169	-	19.076	-
		5865	173	-	19.086	-
		5885	177	-	19.078	-
UNII3	SU	5745	149	-	19.049	-
		5785	157	-	19.065	-
		5825	165	-	19.035	-
UNII4		5845	169	-	19.060	-
		5865	173	-	19.138	-
		5885	177	-	19.073	-

Mode : HE40						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2
UNII3	26T	5755	151	2.145	2.077	2.145
		5795	159	2.164	2.111	2.158
UNII4		5835	167	2.121	2.131	2.146
		5875	175	2.150	2.111	2.147
UNII3	52T	5755	151	10.398	16.060	14.058
		5795	159	16.569	17.294	16.642
UNII4		5835	167	12.922	14.845	16.622
		5875	175	16.628	17.303	15.365
UNII3	106T	5755	151	16.671	17.344	16.635
		5795	159	16.626	17.343	16.629
UNII4		5835	167	16.617	16.142	16.634
		5875	175	16.622	17.540	16.670
UNII3	242T	5755	151	18.906	-	18.865
		5795	159	18.890	-	18.850
UNII4		5835	167	18.891	-	18.844
		5875	175	18.902	-	18.827
UNII3	484T	5755	151	-	38.241	-
		5795	159	-	38.229	-
UNII4		5835	167	-	38.218	-
		5875	175	-	38.215	-
UNII3	SU	5755	151	-	38.229	-
		5795	159	-	38.239	-
UNII4		5835	167	-	38.238	-
		5875	175	-	38.244	-

Mode : HE80						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2
UNII3	26T	5775	155	2.186	2.809	2.230
UNII4		5855	171	2.211	2.760	2.206
UNII3	52T	5775	155	16.650	15.061	15.453
UNII4		5855	171	16.636	14.975	16.712
UNII3	106T	5775	155	15.601	16.380	16.801
UNII4		5855	171	16.756	16.388	15.471
UNII3	242T	5775	155	18.983	19.014	19.019
UNII4		5855	171	19.008	18.961	19.004
UNII3	484T	5775	155	37.951	-	37.805
UNII4		5855	171	37.954	-	37.830
UNII3	996T	5775	155	-	78.175	-
UNII4		5855	171	-	78.137	-
UNII3	SU	5775	155	-	78.247	-
UNII4		5855	171	-	78.329	-

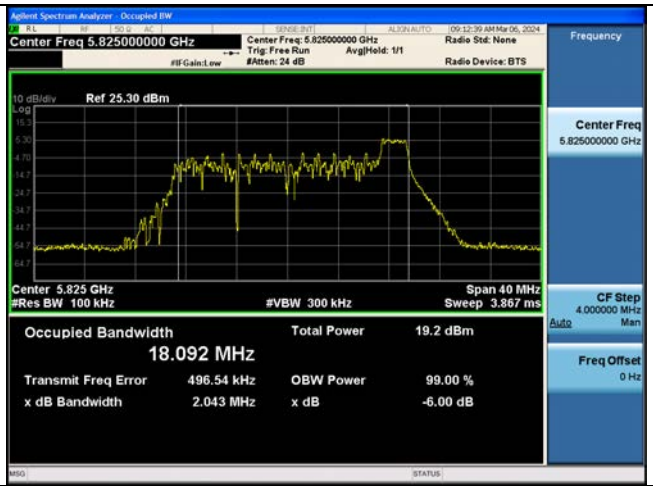
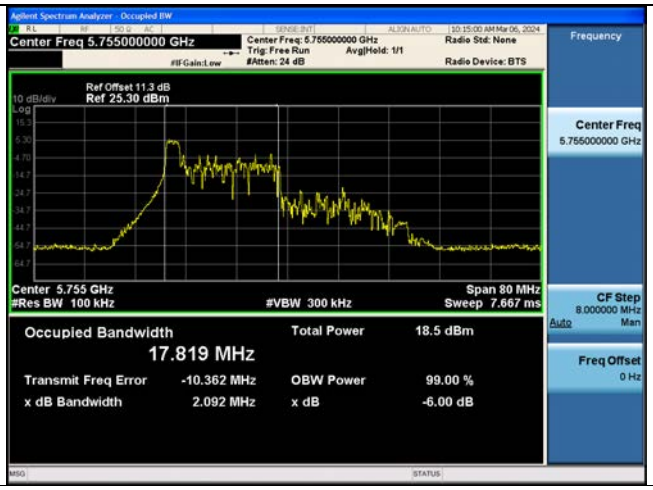
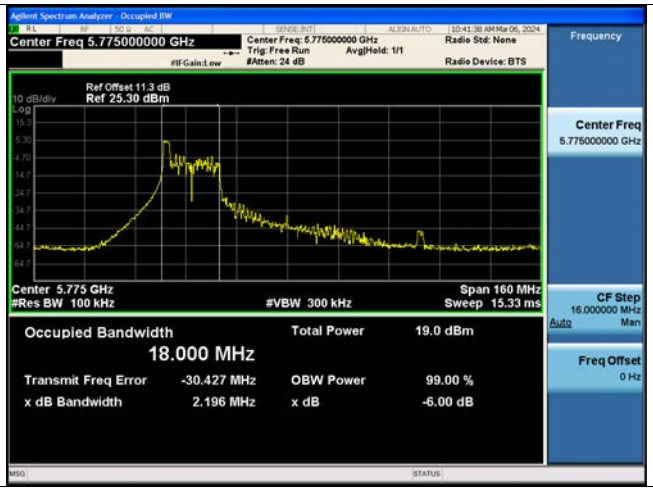
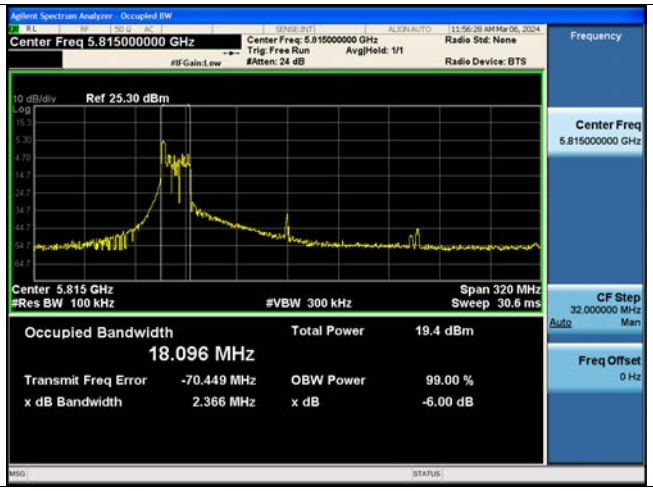
Mode : HE160(80L)						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2
UNII 3-4	26T	5815	163	2.339	3.001	2.508
UNII 3-4	52T	5815	163	17.009	12.702	16.944
UNII 3-4	106T	5815	163	17.859	16.404	17.050
UNII 3-4	242T	5815	163	19.085	19.059	19.160
UNII 3-4	484T	5815	163	37.962	-	37.938
UNII 3-4	996T	5815	163	-	78.201	-

Mode : HE160(80U)						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2
UNII 3-4	26T	5815	163	2.385	2.996	2.536
UNII 3-4	52T	5815	163	16.663	14.011	16.855
UNII 3-4	106T	5815	163	17.818	16.684	17.005
UNII 3-4	242T	5815	163	19.070	19.060	19.125
UNII 3-4	484T	5815	163	38.018	-	37.947
UNII 3-4	996T	5815	163	-	78.190	-

Mode : HE160						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2
UNII 3-4	SU	5815	163	-	158.281	-
UNII 3-4	2x996T	5815	163	-	158.209	-

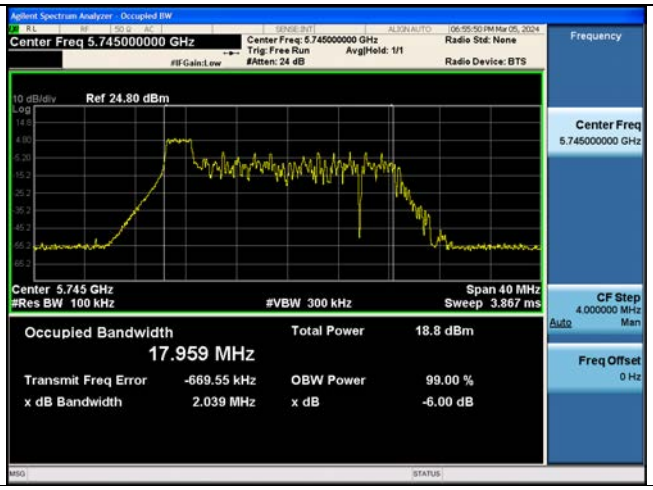
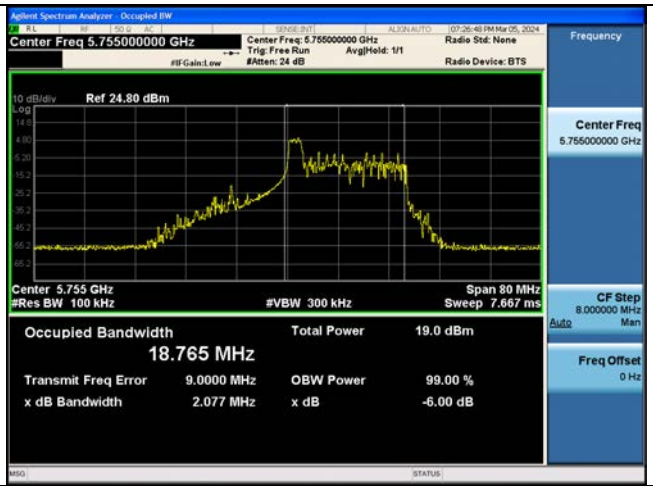
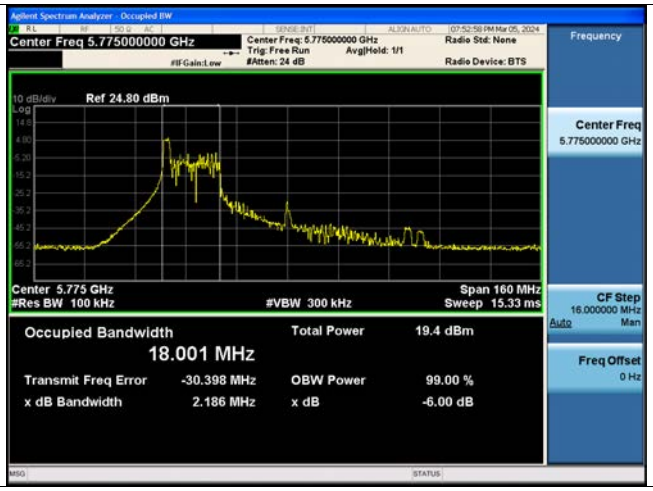
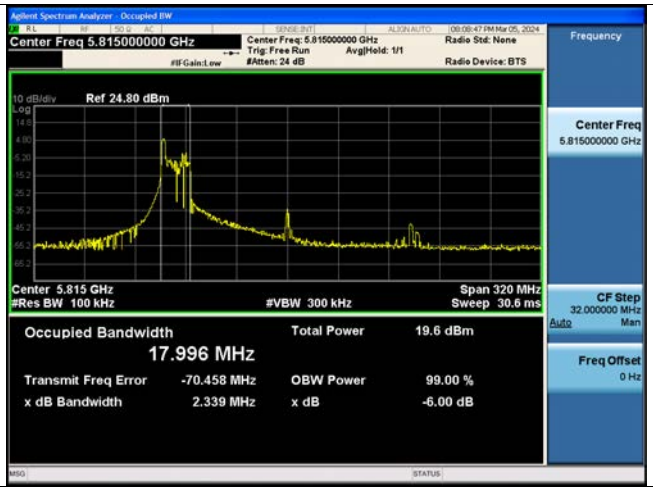
▣ Test Plots

[Ant.1]

Bandwidth 20M Ch.165(5825 MHz) 26Tones RU 8	Bandwidth 40M Ch.151(5755 MHz) 26 Tones RU 0
	
Bandwidth 80M Ch.155(5775 MHz) 26 Tones RU 0	Bandwidth 160M_80L Ch.163(5815 MHz) 26 Tones RU 0
	

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

[Ant.2]

Bandwidth 20M Ch.149(5745 MHz) 26Tones RU 0	Bandwidth 40M Ch.151(5755 MHz) 26 Tones RU 9
	
Bandwidth 80M Ch.155(5775 MHz) 26 Tones RU 0	Bandwidth 160M_80L Ch.163(5815 MHz) 26 Tones RU 0
	

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

10.4 OUTPUT POWER MEASUREMENT

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

#Note : Max EIRP Power = Conducted Power(Sum) + Ant Gain(Directional Gain)
Ant Total Power [dBm] = Measured Power [dBm] + Duty Cycle Factor [dB]
MIMO Total Power [dBm] = Ant.1 Total Power [dBm] + Ant.2 Total Power [dB]

Limit
(UNII 1) : 23.98 dBm
(UNII 2A, 2C) : 23.98 dBm or 11 dBm + 10 log B, (where B is the 26 dB emission bandwidth in megahertz.)
(UNII 3) : 30.00 dBm
(UNII 4) : EIRP 30.0 dBm/MHz
(UNII 3&4) : Worst limit 30.00 dBm ➔ UNII 4 Band Antenna Gain Negative

10.4.1 MIMO_CDD(Ant.1+ Ant.2)

Mode : HE20 26T													
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain	Maximum E.I.R.P
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm]
UNII1	5180	36	9.73	10.15	12.96	9.57	9.91	12.75	9.90	10.15	13.04	-	-
	5200	40	9.82	10.15	13.00	9.63	9.90	12.78	9.97	10.12	13.05	-	-
	5240	48	9.76	10.17	12.98	9.54	9.97	12.77	9.89	10.19	13.05	-	-
UNII2A	5260	52	9.27	10.00	12.66	9.06	9.78	12.44	9.38	10.02	12.72	-	-
	5300	60	9.30	10.32	12.85	9.04	10.05	12.58	9.34	10.29	12.85	-	-
	5320	64	9.16	10.18	12.71	8.88	9.89	12.42	9.21	10.14	12.71	-	-
UNII2C	5500	100	8.89	10.49	12.78	8.58	10.23	12.49	8.81	10.46	12.72	-	-
	5600	120	8.93	10.14	12.59	8.66	9.94	12.35	8.94	10.19	12.62	-	-
	5720	144	9.30	10.02	12.69	9.05	9.79	12.44	9.33	10.02	12.70	-	-
UNII3	5745	149	9.42	10.12	12.79	9.18	9.82	12.53	9.52	10.05	12.80	-	-
	5785	157	9.77	9.93	12.86	9.55	9.67	12.62	9.88	9.88	12.89	-	-
	5825	165	10.17	9.85	13.02	9.92	9.52	12.73	10.24	9.74	13.00	-	-
UNII4	5845	169	10.42	9.96	13.20	10.11	9.65	12.89	10.40	9.85	13.15	-3.29	9.91
	5865	173	10.34	9.88	13.13	10.16	9.59	12.89	10.47	9.87	13.19	-3.29	9.90
	5885	177	10.16	9.53	12.87	9.79	9.33	12.58	10.02	9.58	12.82	-3.29	9.58

Mode : HE20 52T													
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain	Maximum E.I.R.P
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm]
UNII1	5180	36	12.25	12.35	15.31	12.14	12.22	15.19	12.37	12.30	15.34	-	-
	5200	40	12.29	12.31	15.31	12.18	12.18	15.19	12.41	12.27	15.35	-	-
	5240	48	12.33	12.46	15.41	12.18	12.33	15.27	12.42	12.48	15.46	-	-
UNII2A	5260	52	12.30	12.43	15.38	12.19	12.29	15.25	12.34	12.41	15.39	-	-
	5300	60	12.01	12.40	15.22	11.88	12.25	15.07	12.04	12.36	15.21	-	-
	5320	64	11.82	12.45	15.16	11.68	12.28	15.00	11.84	12.35	15.11	-	-
UNII2C	5500	100	11.74	12.77	15.29	11.55	12.62	15.13	11.66	12.73	15.24	-	-
	5600	120	11.85	12.50	15.20	11.70	12.38	15.06	11.82	12.52	15.19	-	-
	5720	144	12.44	12.57	15.52	12.33	12.46	15.40	12.47	12.52	15.50	-	-
UNII3	5745	149	12.13	12.12	15.14	11.98	11.99	14.99	12.15	12.05	15.11	-	-
	5785	157	12.33	11.99	15.17	12.16	11.86	15.02	12.28	11.88	15.10	-	-
	5825	165	12.56	11.98	15.29	12.39	11.81	15.12	12.59	11.90	15.26	-	-
UNII4	5845	169	12.71	12.13	15.44	12.56	11.96	15.28	12.78	12.01	15.43	-3.29	12.15
	5865	173	12.88	11.99	15.47	12.76	11.83	15.33	12.99	11.97	15.52	-3.29	12.23
	5885	177	12.73	11.56	15.20	12.64	11.46	15.10	12.82	11.59	15.26	-3.29	11.97

Mode : HE20 106T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain	Maximum E.I.R.P
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm]
UNII1	5180	36	14.13	13.97	17.06	-	-	-	14.23	13.96	17.11	-	-
	5200	40	14.18	13.96	17.08	-	-	-	14.24	13.94	17.11	-	-
	5240	48	14.10	14.20	17.16	-	-	-	14.18	14.24	17.22	-	-
UNII2A	5260	52	13.81	14.44	17.15	-	-	-	13.86	14.41	17.15	-	-
	5300	60	13.46	14.07	16.79	-	-	-	13.49	14.07	16.80	-	-
	5320	64	13.39	14.08	16.76	-	-	-	13.41	14.06	16.76	-	-
UNII2C	5500	100	13.25	14.40	16.88	-	-	-	13.20	14.36	16.83	-	-
	5600	120	13.42	14.45	16.98	-	-	-	13.40	14.45	16.97	-	-
	5720	144	14.04	14.22	17.14	-	-	-	14.06	14.20	17.14	-	-
UNII3	5745	149	13.68	13.87	16.79	-	-	-	13.72	13.81	16.77	-	-
	5785	157	13.94	13.70	16.83	-	-	-	13.95	13.61	16.79	-	-
	5825	165	14.23	13.64	16.95	-	-	-	14.24	13.58	16.93	-	-
UNII4	5845	169	14.36	13.69	17.05	-	-	-	14.38	13.68	17.05	-3.29	13.76
	5865	173	14.51	13.68	17.13	-	-	-	14.56	13.73	17.17	-3.29	13.88
	5885	177	14.34	13.35	16.88	-	-	-	14.41	13.35	16.92	-3.29	13.63

Mode : HE20 242T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain	Maximum E.I.R.P
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm]
UNII1	5180	36	-	-	-	15.21	14.85	18.05	-	-	-	-	-
	5200	40	-	-	-	15.22	14.83	18.04	-	-	-	-	-
	5240	48	-	-	-	15.09	14.97	18.04	-	-	-	-	-
UNII2A	5260	52	-	-	-	14.82	15.29	18.07	-	-	-	-	-
	5300	60	-	-	-	14.21	14.94	17.60	-	-	-	-	-
	5320	64	-	-	-	14.31	14.85	17.60	-	-	-	-	-
UNII2C	5500	100	-	-	-	14.14	15.18	17.70	-	-	-	-	-
	5600	120	-	-	-	14.33	15.28	17.84	-	-	-	-	-
	5720	144	-	-	-	15.02	15.16	18.10	-	-	-	-	-
UNII3	5745	149	-	-	-	14.64	14.67	17.67	-	-	-	-	-
	5785	157	-	-	-	14.87	14.46	17.68	-	-	-	-	-
	5825	165	-	-	-	15.18	14.45	17.84	-	-	-	-	-
UNII4	5845	169	-	-	-	15.33	14.51	17.95	-	-	-	-3.29	14.66
	5865	173	-	-	-	15.47	14.48	18.01	-	-	-	-3.29	14.72
	5885	177	-	-	-	15.30	14.25	17.82	-	-	-	-3.29	14.53

Mode : HE20 SU

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain	Maximum E.I.R.P
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm]
UNII1	5180	36	-	-	-	14.77	14.46	17.63	-	-	-	-	-
	5200	40	-	-	-	14.86	14.42	17.66	-	-	-	-	-
	5240	48	-	-	-	14.70	14.60	17.66	-	-	-	-	-
UNII2A	5260	52	-	-	-	14.44	14.91	17.69	-	-	-	-	-
	5300	60	-	-	-	13.84	14.56	17.23	-	-	-	-	-
	5320	64	-	-	-	13.90	14.51	17.22	-	-	-	-	-
UNII2C	5500	100	-	-	-	13.77	14.81	17.33	-	-	-	-	-
	5600	120	-	-	-	13.94	14.93	17.47	-	-	-	-	-
	5720	144	-	-	-	14.64	14.82	17.74	-	-	-	-	-
UNII3	5745	149	-	-	-	14.25	14.32	17.30	-	-	-	-	-
	5785	157	-	-	-	14.49	14.12	17.32	-	-	-	-	-
	5825	165	-	-	-	14.82	14.09	17.48	-	-	-	-	-
UNII4	5845	169	-	-	-	14.96	14.14	17.58	-	-	-	-3.29	14.29
	5865	173	-	-	-	15.07	14.13	17.63	-	-	-	-3.29	14.34
	5885	177	-	-	-	14.90	13.90	17.44	-	-	-	-3.29	14.15

Mode : HE40 26T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain	Maximum E.I.R.P
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm]
UNII1	5190	38	9.85	9.73	12.80	10.05	9.85	12.96	9.82	9.62	12.73	-	-
	5230	46	9.64	9.62	12.64	9.87	9.92	12.91	9.70	9.66	12.69	-	-
UNII2A	5270	54	9.17	9.78	12.50	9.36	10.06	12.73	9.04	9.74	12.41	-	-
	5310	62	9.18	9.87	12.55	9.33	10.06	12.72	9.06	9.81	12.46	-	-
UNII2C	5510	102	9.17	9.95	12.59	9.26	10.19	12.76	8.96	9.90	12.47	-	-
	5590	118	8.61	9.85	12.29	8.78	10.11	12.50	8.53	9.81	12.23	-	-
	5710	142	8.85	9.93	12.44	9.02	10.13	12.62	8.84	9.84	12.38	-	-
UNII3	5755	151	9.35	9.64	12.51	9.52	9.74	12.64	9.35	9.46	12.42	-	-
	5795	159	9.72	9.58	12.66	9.84	9.65	12.76	9.60	9.31	12.47	-	-
UNII4	5835	167	10.01	9.60	12.82	10.14	9.66	12.92	9.97	9.36	12.68	-3.29	9.63
	5875	175	10.29	9.50	12.92	10.38	9.58	13.01	10.25	9.34	12.83	-3.29	9.72

Mode : HE40 52T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain	Maximum E.I.R.P
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm]
UNII1	5190	38	12.31	11.88	15.11	12.45	12.00	15.24	12.31	11.80	15.07	-	-
	5230	46	12.22	11.91	15.08	12.42	12.14	15.29	12.25	11.96	15.12	-	-
UNII2A	5270	54	11.61	11.85	14.74	11.73	12.03	14.89	11.50	11.79	14.66	-	-
	5310	62	11.81	12.21	15.02	11.92	12.36	15.15	11.79	12.33	15.08	-	-
UNII2C	5510	102	11.66	12.24	14.97	11.74	12.44	15.12	11.50	12.22	14.88	-	-
	5590	118	11.59	12.36	15.00	11.76	12.55	15.18	11.54	12.38	14.99	-	-
	5710	142	12.20	12.57	15.40	12.31	12.70	15.52	12.17	12.50	15.35	-	-
UNII3	5755	151	12.03	12.04	15.05	12.19	12.11	15.16	12.05	11.90	14.99	-	-
	5795	159	12.39	12.10	15.26	12.49	12.15	15.33	12.31	11.90	15.12	-	-
UNII4	5835	167	12.65	12.14	15.42	12.76	12.21	15.50	12.58	11.93	15.28	-3.29	12.21
	5875	175	12.82	12.08	15.48	12.97	12.06	15.55	12.87	11.82	15.39	-3.29	12.26

Mode : HE40 106T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain [dBi]	Maximum E.I.R.P [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO		
UNII1	5190	38	14.01	14.02	17.03	14.05	14.03	17.05	14.04	13.96	17.01	-	-
	5230	46	13.93	14.18	17.07	13.98	14.23	17.12	13.99	14.22	17.11	-	-
UNII2A	5270	54	13.26	14.04	16.68	13.30	14.09	16.72	13.17	14.01	16.62	-	-
	5310	62	13.40	14.06	16.75	13.36	14.07	16.74	13.32	14.03	16.70	-	-
UNII2C	5510	102	13.26	14.16	16.74	13.24	14.21	16.76	13.14	14.13	16.68	-	-
	5590	118	13.19	14.41	16.85	13.20	14.46	16.88	13.16	14.40	16.83	-	-
	5710	142	13.81	14.45	17.16	13.82	14.47	17.17	13.80	14.37	17.11	-	-
UNII3	5755	151	13.62	13.85	16.75	13.52	13.77	16.65	13.60	13.60	16.61	-	-
	5795	159	13.98	13.75	16.88	13.97	13.69	16.84	13.93	13.50	16.73	-	-
UNII4	5835	167	14.29	13.64	16.99	14.28	13.65	16.99	14.21	13.62	16.94	-3.29	13.70
	5875	175	14.43	13.67	17.08	14.38	13.73	17.08	14.37	13.63	17.02	-3.29	13.79

Mode : HE40 242T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain [dBi]	Maximum E.I.R.P [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO		
UNII1	5190	38	13.87	13.79	16.84	-	-	-	13.92	13.77	16.86	-	-
	5230	46	13.78	13.97	16.89	-	-	-	13.86	14.03	16.96	-	-
UNII2A	5270	54	13.10	13.86	16.50	-	-	-	13.05	13.89	16.50	-	-
	5310	62	13.17	13.88	16.55	-	-	-	13.16	13.89	16.55	-	-
UNII2C	5510	102	13.05	13.95	16.54	-	-	-	12.98	14.01	16.54	-	-
	5590	118	12.99	14.23	16.66	-	-	-	13.01	14.25	16.69	-	-
	5710	142	13.62	14.24	16.95	-	-	-	13.64	14.24	16.96	-	-
UNII3	5755	151	13.41	13.64	16.54	-	-	-	13.48	13.57	16.54	-	-
	5795	159	13.85	13.61	16.74	-	-	-	13.87	13.44	16.67	-	-
UNII4	5835	167	14.18	13.52	16.87	-	-	-	14.14	13.49	16.84	-3.29	13.58
	5875	175	14.29	13.52	16.93	-	-	-	14.29	13.56	16.95	-3.29	13.66

Mode : HE40 484T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain [dBi]	Maximum E.I.R.P [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO		
UNII1	5190	38	-	-	-	13.93	13.77	16.86	-	-	-	-	-
	5230	46	-	-	-	13.84	14.00	16.93	-	-	-	-	-
UNII2A	5270	54	-	-	-	13.09	13.86	16.51	-	-	-	-	-
	5310	62	-	-	-	13.20	13.88	16.57	-	-	-	-	-
UNII2C	5510	102	-	-	-	13.08	13.99	16.57	-	-	-	-	-
	5590	118	-	-	-	13.06	14.26	16.71	-	-	-	-	-
	5710	142	-	-	-	13.68	14.27	17.00	-	-	-	-	-
UNII3	5755	151	-	-	-	13.48	13.60	16.55	-	-	-	-	-
	5795	159	-	-	-	13.91	13.52	16.73	-	-	-	-	-
UNII4	5835	167	-	-	-	14.20	13.51	16.88	-	-	-	-3.29	13.59
	5875	175	-	-	-	14.32	13.53	16.96	-	-	-	-3.29	13.67

Mode : HE40 SU

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain [dBi]	Maximum E.I.R.P [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO		
UNII1	5190	38	-	-	-	13.83	13.68	16.76	-	-	-	-	-
	5230	46	-	-	-	13.75	13.91	16.84	-	-	-	-	-
UNII2A	5270	54	-	-	-	13.01	13.78	16.42	-	-	-	-	-
	5310	62	-	-	-	13.11	13.79	16.48	-	-	-	-	-
UNII2C	5510	102	-	-	-	12.95	13.90	16.46	-	-	-	-	-
	5590	118	-	-	-	12.97	14.14	16.60	-	-	-	-	-
	5710	142	-	-	-	13.58	14.14	16.88	-	-	-	-	-
UNII3	5755	151	-	-	-	13.37	13.52	16.45	-	-	-	-	-
	5795	159	-	-	-	13.80	13.44	16.63	-	-	-	-	-
UNII4	5835	167	-	-	-	14.08	13.42	16.77	-	-	-	-3.29	13.48
	5875	175	-	-	-	14.21	13.44	16.85	-	-	-	-3.29	13.56

Mode : HE80 26T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain [dBi]	Maximum E.I.R.P [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO		
UNII1	5210	42	9.85	10.01	12.94	9.56	9.54	12.56	10.18	10.21	13.21	-	-
UNII2A	5290	58	9.34	10.13	12.76	8.91	9.80	12.39	9.38	10.35	12.90	-	-
UNII2C	5530	106	9.48	10.27	12.90	8.97	9.94	12.49	9.35	10.50	12.97	-	-
	5610	122	8.92	10.14	12.58	8.56	9.87	12.27	8.90	10.22	12.62	-	-
	5690	138	8.94	10.26	12.66	8.58	9.79	12.24	9.11	10.24	12.72	-	-
UNII3	5775	155	9.74	9.91	12.84	9.49	9.46	12.49	10.07	9.85	12.97	-	-
UNII4	5855	171	10.48	9.97	13.24	10.05	9.43	12.76	10.49	9.66	13.11	-3.29	9.95

Mode : HE80 52T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain [dBi]	Maximum E.I.R.P [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO		
UNII1	5210	42	12.08	12.04	15.07	11.91	11.78	14.86	12.35	12.31	15.34	-	-
UNII2A	5290	58	12.22	12.68	15.47	11.90	12.46	15.20	12.23	12.89	15.58	-	-
UNII2C	5530	106	12.16	12.55	15.37	11.77	12.38	15.10	12.02	12.76	15.42	-	-
	5610	122	11.37	12.89	15.21	11.13	12.68	14.98	11.32	12.96	15.23	-	-
	5690	138	11.64	12.55	15.13	11.51	12.25	14.91	11.88	12.56	15.25	-	-
UNII3	5775	155	12.37	12.34	15.37	12.27	11.97	15.13	12.67	12.24	15.47	-	-
UNII4	5855	171	12.98	12.44	15.73	12.82	12.02	15.45	12.99	12.14	15.60	-3.29	12.44

Mode : HE80 106T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain [dBi]	Maximum E.I.R.P [dBm]
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO		
UNII1	5210	42	13.82	14.11	16.98	13.68	13.94	16.82	13.99	14.37	17.19	-	-
UNII2A	5290	58	13.66	14.67	17.21	13.44	14.48	17.00	13.65	14.76	17.25	-	-
UNII2C	5530	106	13.29	14.22	16.79	12.98	14.16	16.62	13.11	14.43	16.83	-	-
	5610	122	13.27	14.62	17.01	13.04	14.52	16.86	13.20	14.64	16.99	-	-
	5690	138	13.57	14.55	17.10	13.45	14.27	16.89	13.71	14.47	17.12	-	-
UNII3	5775	155	13.53	13.80	16.68	13.51	13.56	16.55	13.79	13.71	16.76	-	-
UNII4	5855	171	14.30	13.83	17.08	14.09	13.46	16.79	14.24	13.63	16.96	-3.29	13.79

Mode : HE80 242T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain	Maximum E.I.R.P
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm]
UNII1	5210	42	12.64	12.83	15.75	12.67	12.81	15.75	12.78	12.91	15.86	-	-
UNII2A	5290	58	12.64	13.46	16.08	12.59	13.47	16.06	12.55	13.51	16.06	-	-
UNII2C	5530	106	12.12	12.83	15.50	12.07	12.85	15.49	11.94	12.89	15.46	-	-
	5610	122	12.06	13.19	15.67	12.07	13.20	15.68	11.90	13.13	15.57	-	-
	5690	138	12.31	13.35	15.88	12.37	13.31	15.88	12.46	13.27	15.89	-	-
UNII3	5775	155	12.41	12.52	15.47	12.48	12.50	15.50	12.59	12.34	15.48	-	-
UNII4	5855	171	13.13	12.63	15.90	13.13	12.52	15.84	13.01	12.39	15.73	-3.29	12.61

Mode : HE80 484T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain	Maximum E.I.R.P
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm]
UNII1	5210	42	12.65	12.77	15.72	-	-	-	12.79	12.88	15.85	-	-
UNII2A	5290	58	12.63	13.44	16.06	-	-	-	12.58	13.51	16.08	-	-
UNII2C	5530	106	12.13	12.85	15.52	-	-	-	11.99	12.90	15.48	-	-
	5610	122	12.07	13.16	15.66	-	-	-	11.97	13.13	15.60	-	-
	5690	138	12.40	13.29	15.87	-	-	-	12.46	13.28	15.90	-	-
UNII3	5775	155	12.48	12.52	15.51	-	-	-	12.63	12.36	15.51	-	-
UNII4	5855	171	13.17	12.59	15.90	-	-	-	13.09	12.41	15.77	-3.29	12.61

Mode : HE80 996T

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain	Maximum E.I.R.P
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm]
UNII1	5210	42	-	-	-	12.65	12.75	15.71	-	-	-	-	-
UNII2A	5290	58	-	-	-	12.54	13.40	16.00	-	-	-	-	-
UNII2C	5530	106	-	-	-	11.99	12.76	15.40	-	-	-	-	-
	5610	122	-	-	-	11.94	13.06	15.55	-	-	-	-	-
	5690	138	-	-	-	12.35	13.21	15.81	-	-	-	-	-
UNII3	5775	155	-	-	-	12.47	12.36	15.43	-	-	-	-	-
UNII4	5855	171	-	-	-	13.07	12.43	15.77	-	-	-	-3.29	12.48

Mode : HE80 SU

Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain	Maximum E.I.R.P
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm]
UNII1	5210	42	-	-	-	12.58	12.70	15.65	-	-	-	-	-
UNII2A	5290	58	-	-	-	12.47	13.31	15.92	-	-	-	-	-
UNII2C	5530	106	-	-	-	11.94	12.75	15.37	-	-	-	-	-
	5610	122	-	-	-	11.86	13.03	15.49	-	-	-	-	-
	5690	138	-	-	-	12.27	13.22	15.78	-	-	-	-	-
UNII3	5775	155	-	-	-	12.38	12.22	15.31	-	-	-	-	-
UNII4	5855	171	-	-	-	12.95	12.40	15.69	-	-	-	-3.29	12.40

Mode : HE160(80L)

Band	Tone	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain	Maximum E.I.R.P
				RU Index : Low			RU Index : Mid			RU Index : High				
				ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm]
UNII 1-2A	26T	5250	50	9.15	9.65	12.42	9.51	9.86	12.70	9.77	9.94	12.87	-	-
UNII 2C		5570	114	9.28	10.20	12.77	9.35	10.43	12.93	9.17	10.42	12.85	-	-
UNII 3-4		5815	163	9.60	9.65	12.63	9.99	9.80	12.91	10.16	9.70	12.95	-3.29	9.66
UNII 1-2A	52T	5250	50	11.65	11.81	14.74	11.90	11.96	14.94	12.27	12.12	15.21	-	-
UNII 2C		5570	114	11.60	12.56	15.12	11.57	12.74	15.20	11.47	12.78	15.19	-	-
UNII 3-4		5815	163	12.06	12.08	15.08	12.44	12.15	15.31	12.63	12.08	15.37	-3.29	12.08
UNII 1-2A	106T	5250	50	13.44	13.87	16.67	13.65	14.01	16.84	13.87	14.12	17.01	-	-
UNII 2C		5570	114	13.33	14.62	17.03	13.26	14.71	17.06	13.20	14.75	17.05	-	-
UNII 3-4		5815	163	13.88	14.09	16.99	14.16	14.05	17.12	14.30	13.87	17.10	-3.29	13.83
UNII 1-2A	242T	5250	50	11.46	11.65	14.57	11.49	11.69	14.60	11.68	11.84	14.77	-	-
UNII 2C		5570	114	11.31	12.25	14.82	11.27	12.34	14.85	11.16	12.39	14.83	-	-
UNII 3-4		5815	163	11.74	12.02	14.90	11.85	11.98	14.93	12.07	11.82	14.96	-3.29	11.67
UNII 1-2A	484T	5250	50	11.49	11.63	14.57	-	-	-	11.70	11.77	14.74	-	-
UNII 2C		5570	114	11.33	12.31	14.86	-	-	-	11.23	12.41	14.87	-	-
UNII 3-4		5815	163	11.84	12.04	14.95	-	-	-	12.07	11.91	15.00	-3.29	11.71
UNII 1-2A	996T	5250	50	-	-	-	11.58	11.69	14.65	-	-	-	-	-
UNII 2C		5570	114	-	-	-	11.24	12.35	14.84	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	11.95	11.95	14.96	-	-	-	-3.29	11.67

Mode : HE160(80U)

Band	Tone	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain	Maximum E.I.R.P
				RU Index : Low			RU Index : Mid			RU Index : High				
				ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm]
UNII 1-2A	26T	5250	50	9.51	10.03	12.79	9.64	10.11	12.89	9.59	10.00	12.81	-	-
UNII 2C		5570	114	9.14	10.43	12.84	9.17	10.46	12.88	8.95	10.37	12.72	-	-
UNII 3-4		5815	163	9.97	9.72	12.86	10.11	9.64	12.89	9.81	9.17	12.51	-3.29	9.60
UNII 1-2A	52T	5250	50	12.11	12.24	15.19	12.14	12.33	15.24	12.15	12.19	15.18	-	-
UNII 2C		5570	114	11.57	12.85	15.27	11.61	12.93	15.33	11.39	12.78	15.15	-	-
UNII 3-4		5815	163	12.56	12.11	15.35	12.59	12.01	15.32	12.37	11.59	15.01	-3.29	12.06
UNII 1-2A	106T	5250	50	13.30	13.76	16.55	13.31	13.85	16.60	13.31	13.79	16.57	-	-
UNII 2C		5570	114	12.70	14.29	16.58	12.71	14.38	16.64	12.54	14.20	16.46	-	-
UNII 3-4		5815	163	13.80	13.29	16.56	13.86	13.17	16.54	13.64	12.97	16.32	-3.29	13.27
UNII 1-2A	242T	5250	50	11.17	11.81	14.51	11.14	11.76	14.47	11.14	11.83	14.51	-	-
UNII 2C		5570	114	10.69	11.89	14.34	10.69	11.93	14.36	10.58	11.90	14.30	-	-
UNII 3-4		5815	163	11.67	11.40	14.55	11.71	11.33	14.54	11.55	11.06	14.32	-3.29	11.26
UNII 1-2A	484T	5250	50	11.18	11.79	14.50	-	-	-	11.17	11.86	14.54	-	-
UNII 2C		5570	114	10.71	11.91	14.36	-	-	-	10.65	11.90	14.33	-	-
UNII 3-4		5815	163	11.70	11.39	14.56	-	-	-	11.60	11.11	14.37	-3.29	11.27
UNII 1-2A	996T	5250	50	-	-	-	11.14	11.80	14.49	-	-	-	-	-
UNII 2C		5570	114	-	-	-	10.66	11.88	14.32	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	11.64	11.22	14.45	-	-	-	-3.29	11.16

Mode : HE160

Band	Tone	Freq. [MHz]	CH.	Total Average Power [dBm]									Directional Gain [dBi]	Maximum E.I.R.P [dBm]
				RU Index : Low			RU Index : Mid			RU Index : High				
				ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO		
UNII 1-2A	SU	5250	50	-	-	-	11.79	11.85	14.83	-	-	-	-	-
UNII 2C		5570	114	-	-	-	11.32	12.40	14.91	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	12.18	11.94	15.07	-	-	-	-3.29	11.78
UNII 1-2A	2x996T	5250	50	-	-	-	12.27	12.38	15.34	-	-	-	-	-
UNII 2C		5570	114	-	-	-	11.79	12.96	15.42	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	12.69	12.26	15.49	-	-	-	-3.29	12.20

10.5 POWER SPECTRAL DENSITY

#Note : Max EIRP PSD = Power Spectral Density(Sum) + Ant Gain(Directional Gain)

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

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

Limit(UNII 1, 2A, 2C) : 11.0 dBm/MHz

Limit(UNII 3) : 30.0 dBm/500 kHz

Limit(UNII 4) : (EIRP) 14 dBm/MHz

10.5.1 MIMO_CDD(Ant.1+Ant.2)

Mode : HE20 26T													
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5180	36	7.426	7.438	10.443	6.776	6.127	9.474	7.623	7.479	10.562	-	-
	5200	40	7.669	7.666	10.678	6.320	6.179	9.261	7.641	7.499	10.581	-	-
	5240	48	7.463	7.687	10.587	6.344	6.290	9.328	7.672	7.311	10.506	-	-
UNII2A	5260	52	6.776	7.662	10.252	5.491	6.320	8.936	6.976	7.774	10.404	-	-
	5300	60	7.265	7.958	10.636	5.967	6.348	9.172	7.091	7.758	10.448	-	-
	5320	64	7.088	7.709	10.420	5.532	6.410	9.004	6.799	7.796	10.337	-	-
UNII2C	5500	100	6.591	8.114	10.429	5.539	6.548	9.083	6.514	7.927	10.288	-	-
	5600	120	6.571	8.091	10.408	5.307	6.572	8.996	6.273	7.584	9.988	-	-
	5720	144	6.809	7.831	10.360	5.677	6.260	8.989	7.022	7.734	10.403	-	-
UNII3	5745	149	4.043	4.642	7.363	3.548	4.182	6.887	4.416	4.684	7.563	-	-
	5785	157	4.471	4.739	7.618	4.037	4.324	7.193	4.666	4.348	7.520	-	-
	5825	165	4.747	4.628	7.698	4.069	3.965	7.028	4.646	4.563	7.615	-	-
UNII4	5845	169	8.015	7.673	10.858	6.736	6.385	9.575	8.121	7.536	10.849	-3.29	7.568
	5865	173	8.036	7.446	10.762	6.717	6.489	9.615	7.918	7.554	10.750	-3.29	7.472
	5885	177	8.033	7.314	10.699	6.398	6.007	9.217	7.776	7.039	10.434	-3.29	7.409

Mode : HE20 52T													
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5180	36	7.119	7.061	10.101	7.427	6.703	10.091	7.433	6.844	10.159	-	-
	5200	40	7.309	7.157	10.244	7.139	6.869	10.017	7.422	6.772	10.120	-	-
	5240	48	7.263	7.234	10.259	7.103	6.854	9.991	7.469	7.161	10.328	-	-
UNII2A	5260	52	7.137	7.312	10.236	7.014	7.434	10.240	7.341	7.513	10.439	-	-
	5300	60	6.929	7.257	10.107	6.775	7.197	10.002	7.042	7.410	10.241	-	-
	5320	64	6.738	7.280	10.028	6.894	7.265	10.094	6.749	7.498	10.150	-	-
UNII2C	5500	100	6.556	7.772	10.217	6.480	7.538	10.052	6.528	7.499	10.051	-	-
	5600	120	6.950	7.373	10.177	6.598	7.350	10.001	6.659	7.331	10.019	-	-
	5720	144	7.152	7.679	10.434	6.950	7.466	10.226	7.328	7.611	10.483	-	-
UNII3	5745	149	3.711	4.089	6.915	3.467	4.025	6.766	3.780	3.880	6.841	-	-
	5785	157	3.864	3.809	6.847	3.627	3.879	6.766	4.074	3.944	7.020	-	-
	5825	165	4.267	4.069	7.180	4.163	3.774	6.984	4.317	4.015	7.179	-	-
UNII4	5845	169	7.750	7.410	10.594	7.530	6.997	10.282	7.640	7.169	10.422	-3.29	7.304
	5865	173	8.086	7.021	10.597	7.562	6.965	10.284	7.690	7.015	10.376	-3.29	7.307
	5885	177	7.496	6.455	10.017	7.131	6.283	9.738	7.399	6.320	9.904	-3.29	6.727

Mode : HE20 106T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5180	36	5.564	5.640	8.613	-	-	-	5.949	5.338	8.665	-	-
	5200	40	5.684	5.639	8.672	-	-	-	6.247	5.454	8.879	-	-
	5240	48	5.545	5.797	8.683	-	-	-	5.813	5.893	8.864	-	-
UNII2A	5260	52	5.601	5.904	8.766	-	-	-	5.526	5.927	8.742	-	-
	5300	60	5.119	5.617	8.386	-	-	-	5.154	5.498	8.340	-	-
	5320	64	5.158	5.624	8.408	-	-	-	5.250	5.954	8.627	-	-
UNII2C	5500	100	4.989	5.913	8.486	-	-	-	4.692	5.990	8.400	-	-
	5600	120	4.984	6.067	8.570	-	-	-	5.075	6.074	8.614	-	-
	5720	144	5.806	5.812	8.820	-	-	-	5.797	5.771	8.795	-	-
UNII3	5745	149	2.159	2.396	5.290	-	-	-	2.182	2.472	5.340	-	-
	5785	157	2.605	2.311	5.471	-	-	-	2.614	2.572	5.604	-	-
	5825	165	2.851	3.027	5.951	-	-	-	2.913	2.569	5.755	-	-
UNII4	5845	169	6.299	5.589	8.969	-	-	-	6.109	5.568	8.858	-3.29	5.679
	5865	173	6.361	5.393	8.915	-	-	-	6.512	5.260	8.942	-3.29	5.652
	5885	177	6.049	5.171	8.643	-	-	-	5.933	5.068	8.533	-3.29	5.353

Mode : HE20 242T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5180	36	-	-	-	3.569	2.995	6.301	-	-	-	-	-
	5200	40	-	-	-	3.543	3.133	6.353	-	-	-	-	-
	5240	48	-	-	-	3.250	3.247	6.258	-	-	-	-	-
UNII2A	5260	52	-	-	-	3.156	3.453	6.317	-	-	-	-	-
	5300	60	-	-	-	2.456	3.242	5.877	-	-	-	-	-
	5320	64	-	-	-	2.754	3.370	6.083	-	-	-	-	-
UNII2C	5500	100	-	-	-	2.291	3.519	5.958	-	-	-	-	-
	5600	120	-	-	-	2.465	3.565	6.060	-	-	-	-	-
	5720	144	-	-	-	3.178	3.407	6.304	-	-	-	-	-
UNII3	5745	149	-	-	-	-0.291	0.075	2.906	-	-	-	-	-
	5785	157	-	-	-	0.097	-0.205	2.958	-	-	-	-	-
	5825	165	-	-	-	0.234	0.005	3.131	-	-	-	-	-
UNII4	5845	169	-	-	-	3.604	3.093	6.366	-	-	-	-3.29	3.076
	5865	173	-	-	-	3.704	3.036	6.393	-	-	-	-3.29	3.103
	5885	177	-	-	-	3.453	2.666	6.087	-	-	-	-3.29	2.797

Mode : HE20 SU

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5180	36	-	-	-	3.057	2.784	5.933	-	-	-	-	-
	5200	40	-	-	-	2.927	2.562	5.759	-	-	-	-	-
	5240	48	-	-	-	2.991	2.938	5.975	-	-	-	-	-
UNII2A	5260	52	-	-	-	2.599	3.191	5.915	-	-	-	-	-
	5300	60	-	-	-	2.040	2.837	5.467	-	-	-	-	-
	5320	64	-	-	-	2.130	2.882	5.533	-	-	-	-	-
UNII2C	5500	100	-	-	-	2.158	3.105	5.668	-	-	-	-	-
	5600	120	-	-	-	2.035	3.292	5.719	-	-	-	-	-
	5720	144	-	-	-	2.808	3.162	5.999	-	-	-	-	-
UNII3	5745	149	-	-	-	-0.749	-0.465	2.406	-	-	-	-	-
	5785	157	-	-	-	-0.439	-0.545	2.519	-	-	-	-	-
	5825	165	-	-	-	0.002	-0.326	2.851	-	-	-	-	-
UNII4	5845	169	-	-	-	3.286	2.752	6.038	-	-	-	-3.29	2.748
	5865	173	-	-	-	3.229	2.499	5.890	-	-	-	-3.29	2.600
	5885	177	-	-	-	3.265	2.365	5.849	-	-	-	-3.29	2.559

Mode : HE40 26T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5190	38	7.291	7.575	10.446	7.633	7.052	10.363	7.344	6.954	10.164	-	-
	5230	46	7.479	7.446	10.473	7.526	7.443	10.495	7.018	7.278	10.161	-	-
UNII2A	5270	54	6.629	7.531	10.114	7.180	7.884	10.557	6.614	7.419	10.046	-	-
	5310	62	6.779	7.420	10.122	6.715	7.501	10.136	6.645	7.729	10.231	-	-
UNII2C	5510	102	6.995	7.547	10.290	7.026	7.736	10.406	6.822	7.554	10.214	-	-
	5590	118	6.235	7.285	9.802	6.187	7.517	9.913	6.371	7.465	9.963	-	-
	5710	142	6.526	7.711	10.169	6.496	7.664	10.130	6.555	7.243	9.923	-	-
UNII3	5755	151	3.836	4.315	7.093	3.879	4.770	7.358	3.620	4.078	6.866	-	-
	5795	159	4.038	4.185	7.123	4.254	4.511	7.395	3.969	4.073	7.032	-	-
UNII4	5835	167	7.606	7.483	10.556	7.719	7.609	10.675	7.377	7.005	10.206	-3.29	7.385
	5875	175	7.703	7.228	10.483	8.184	7.320	10.784	7.969	6.935	10.493	-3.29	7.494

Mode : HE40 52T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5190	38	7.198	6.672	9.954	7.089	6.635	9.879	7.035	6.649	9.857	-	-
	5230	46	6.993	6.794	9.905	7.247	6.931	10.103	7.017	6.987	10.013	-	-
UNII2A	5270	54	6.502	6.752	9.640	6.550	6.906	9.742	6.422	6.480	9.462	-	-
	5310	62	6.699	6.936	9.830	6.499	7.255	9.904	6.556	7.029	9.810	-	-
UNII2C	5510	102	6.256	6.925	9.614	6.596	7.131	9.882	6.228	6.880	9.577	-	-
	5590	118	6.284	7.141	9.744	6.360	7.236	9.831	6.065	7.012	9.575	-	-
	5710	142	7.006	7.382	10.209	6.983	7.431	10.223	6.776	7.158	9.982	-	-
UNII3	5755	151	3.681	3.574	6.639	3.685	3.742	6.724	3.732	3.403	6.581	-	-
	5795	159	3.731	4.093	6.926	3.954	3.663	6.822	3.789	3.780	6.795	-	-
UNII4	5835	167	7.593	7.086	10.358	7.393	6.825	10.129	7.245	6.663	9.974	-3.29	7.068
	5875	175	7.421	6.677	10.076	7.821	6.809	10.355	7.609	6.578	10.135	-3.29	7.065

Mode : HE40 106T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5190	38	5.851	5.642	8.758	5.788	5.535	8.674	5.701	5.478	8.601	-	-
	5230	46	5.549	5.552	8.561	5.594	5.736	8.676	5.616	5.801	8.720	-	-
UNII2A	5270	54	4.982	5.464	8.240	4.870	5.537	8.227	4.877	5.599	8.263	-	-
	5310	62	5.232	5.641	8.452	5.153	5.621	8.404	5.050	5.521	8.302	-	-
UNII2C	5510	102	4.959	5.701	8.356	4.931	5.725	8.356	4.802	5.720	8.296	-	-
	5590	118	4.865	5.948	8.451	4.734	6.061	8.458	4.732	6.083	8.470	-	-
	5710	142	5.379	6.030	8.727	5.437	5.983	8.729	5.449	5.905	8.693	-	-
UNII3	5755	151	1.799	2.620	5.239	2.266	2.725	5.512	2.165	2.777	5.492	-	-
	5795	159	2.366	2.534	5.461	2.415	2.651	5.545	2.484	2.378	5.442	-	-
UNII4	5835	167	6.094	5.726	8.924	6.018	5.463	8.760	5.867	5.335	8.620	-3.29	5.634
	5875	175	6.325	5.123	8.776	6.308	5.399	8.888	6.405	5.005	8.772	-3.29	5.598

Mode : HE40 242T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5190	38	2.191	1.993	5.104	-	-	-	2.019	1.915	4.978	-	-
	5230	46	1.992	2.146	5.080	-	-	-	2.106	2.143	5.135	-	-
UNII2A	5270	54	1.523	1.995	4.776	-	-	-	1.347	2.214	4.813	-	-
	5310	62	1.504	1.945	4.741	-	-	-	1.425	2.079	4.775	-	-
UNII2C	5510	102	1.223	2.069	4.677	-	-	-	1.338	2.350	4.884	-	-
	5590	118	1.302	2.405	4.899	-	-	-	1.283	2.403	4.890	-	-
	5710	142	1.958	2.581	5.291	-	-	-	1.903	2.415	5.177	-	-
UNII3	5755	151	-1.368	-0.997	1.832	-	-	-	-1.507	-1.053	1.736	-	-
	5795	159	-0.894	-1.180	1.976	-	-	-	-1.158	-1.232	1.816	-	-
UNII4	5835	167	2.482	2.073	5.293	-	-	-	2.405	1.643	5.051	-3.29	2.003
	5875	175	2.547	1.856	5.226	-	-	-	2.678	1.679	5.218	-3.29	1.936

Mode : HE40 484T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5190	38	-	-	-	-0.798	-0.981	2.121	-	-	-	-	-
	5230	46	-	-	-	-0.790	-0.939	2.146	-	-	-	-	-
UNII2A	5270	54	-	-	-	-1.451	-0.523	2.048	-	-	-	-	-
	5310	62	-	-	-	-1.365	-0.812	1.930	-	-	-	-	-
UNII2C	5510	102	-	-	-	-1.512	-0.948	1.789	-	-	-	-	-
	5590	118	-	-	-	-1.395	-0.528	2.070	-	-	-	-	-
	5710	142	-	-	-	-0.719	-0.424	2.441	-	-	-	-	-
UNII3	5755	151	-	-	-	-4.396	-3.892	-1.127	-	-	-	-	-
	5795	159	-	-	-	-4.086	-3.857	-0.960	-	-	-	-	-
UNII4	5835	167	-	-	-	-0.453	-1.071	2.259	-	-	-	-3.29	-1.031
	5875	175	-	-	-	-0.333	-1.020	2.347	-	-	-	-3.29	-0.943

Mode : HE40 SU

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5190	38	-	-	-	-0.737	-1.034	2.127	-	-	-	-	-
	5230	46	-	-	-	-0.897	-0.865	2.129	-	-	-	-	-
UNII2A	5270	54	-	-	-	-1.764	-1.037	1.625	-	-	-	-	-
	5310	62	-	-	-	-1.556	-0.762	1.870	-	-	-	-	-
UNII2C	5510	102	-	-	-	-1.780	-0.720	1.793	-	-	-	-	-
	5590	118	-	-	-	-1.736	-0.528	1.920	-	-	-	-	-
	5710	142	-	-	-	-1.149	-0.347	2.281	-	-	-	-	-
UNII3	5755	151	-	-	-	-4.642	-4.190	-1.400	-	-	-	-	-
	5795	159	-	-	-	-4.252	-4.250	-1.241	-	-	-	-	-
UNII4	5835	167	-	-	-	-0.784	-1.176	2.035	-	-	-	-3.29	-1.255
	5875	175	-	-	-	-0.208	-1.295	2.293	-	-	-	-3.29	-0.997

Mode : HE80 26T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5210	42	7.334	7.772	10.569	6.325	6.032	9.191	7.679	7.936	10.820	-	-
UNII2A	5290	58	6.863	7.975	10.465	5.386	6.185	8.814	6.641	7.616	10.166	-	-
UNII2C	5530	106	6.821	7.705	10.296	5.300	6.482	8.942	6.811	8.132	10.532	-	-
	5610	122	6.192	7.904	10.142	5.214	6.014	8.643	6.577	7.547	10.100	-	-
	5690	138	6.702	7.990	10.404	5.345	6.100	8.749	6.673	8.012	10.404	-	-
UNII3	5775	155	4.381	4.327	7.365	3.729	3.292	6.526	4.219	4.229	7.235	-	-
UNII4	5855	171	7.839	7.600	10.732	6.831	5.864	9.385	8.492	7.398	10.990	-3.29	7.700

Mode : HE80 52T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5210	42	7.161	7.176	10.179	6.948	6.379	9.684	7.049	6.907	9.989	-	-
UNII2A	5290	58	6.914	7.421	10.186	6.691	7.375	10.057	6.793	7.316	10.073	-	-
UNII2C	5530	106	7.113	7.312	10.224	6.692	6.861	9.788	7.111	7.404	10.271	-	-
	5610	122	6.050	7.613	9.912	5.812	7.383	9.679	6.069	7.947	10.119	-	-
	5690	138	6.443	7.291	9.898	6.117	6.663	9.409	6.439	7.229	9.863	-	-
UNII3	5775	155	3.858	4.343	7.118	3.785	3.300	6.560	4.173	4.387	7.292	-	-
UNII4	5855	171	8.023	7.264	10.671	7.640	6.966	10.327	8.411	7.058	10.798	-3.29	7.508

Mode : HE80 106T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5210	42	6.150	6.050	9.111	5.902	5.589	8.759	6.036	6.054	9.056	-	-
UNII2A	5290	58	5.764	6.382	9.094	5.374	6.040	8.730	5.931	6.035	8.994	-	-
UNII2C	5530	106	5.302	6.021	8.687	4.880	5.706	8.323	4.991	6.051	8.564	-	-
	5610	122	5.240	6.294	8.809	5.132	6.059	8.631	5.144	6.286	8.763	-	-
	5690	138	5.703	6.556	9.161	5.598	6.145	8.891	5.528	6.083	8.825	-	-
UNII3	5775	155	2.223	2.557	5.404	2.093	2.089	5.102	2.193	2.429	5.323	-	-
UNII4	5855	171	6.316	5.635	8.999	6.186	5.284	8.769	6.897	5.431	9.236	-3.29	5.946

Mode : HE80 242T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5210	42	1.514	1.506	4.520	1.367	1.135	4.263	1.911	1.578	4.758	-	-
UNII2A	5290	58	1.380	1.872	4.643	1.155	1.785	4.492	1.205	2.002	4.632	-	-
UNII2C	5530	106	0.819	1.153	4.000	0.643	1.074	3.874	0.721	1.311	4.036	-	-
	5610	122	0.612	1.680	4.189	0.762	1.414	4.111	0.605	1.717	4.207	-	-
	5690	138	1.198	1.775	4.506	0.921	2.016	4.513	1.158	1.687	4.441	-	-
UNII3	5775	155	-2.385	-2.310	0.663	-1.942	-2.190	0.946	-2.168	-2.570	0.646	-	-
UNII4	5855	171	1.711	1.005	4.383	1.961	1.134	4.578	1.881	1.058	4.499	-3.29	1.288

Mode : HE80 484T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5210	42	-1.173	-1.589	1.634	-	-	-	-1.164	-1.270	1.793	-	-
UNII2A	5290	58	-1.516	-0.771	1.883	-	-	-	-1.600	-0.763	1.849	-	-
UNII2C	5530	106	-2.097	-1.852	1.037	-	-	-	-2.395	-1.377	1.154	-	-
	5610	122	-2.180	-1.463	1.203	-	-	-	-1.790	-1.306	1.469	-	-
	5690	138	-1.881	-1.036	1.572	-	-	-	-1.635	-0.756	1.837	-	-
UNII3	5775	155	-5.162	-5.109	-2.125	-	-	-	-4.966	-5.326	-2.132	-	-
UNII4	5855	171	-1.083	-1.871	1.551	-	-	-	-0.765	-2.029	1.659	-3.29	-1.631

Mode : HE80 996T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5210	42	-	-	-	-4.255	-4.131	-1.182	-	-	-	-	-
UNII2A	5290	58	-	-	-	-4.254	-3.936	-1.082	-	-	-	-	-
UNII2C	5530	106	-	-	-	-5.357	-4.412	-1.849	-	-	-	-	-
	5610	122	-	-	-	-4.952	-3.981	-1.429	-	-	-	-	-
	5690	138	-	-	-	-4.610	-3.824	-1.189	-	-	-	-	-
UNII3	5775	155	-	-	-	-7.849	-8.389	-5.100	-	-	-	-	-
UNII4	5855	171	-	-	-	-3.770	-4.784	-1.237	-	-	-	-3.29	-4.527

Mode : HE80 SU

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
			RU Index : Low			RU Index : Mid			RU Index : High				
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII1	5210	42	-	-	-	-4.342	-4.319	-1.320	-	-	-	-	-
UNII2A	5290	58	-	-	-	-4.417	-4.091	-1.241	-	-	-	-	-
UNII2C	5530	106	-	-	-	-5.246	-4.793	-2.003	-	-	-	-	-
	5610	122	-	-	-	-5.355	-4.187	-1.721	-	-	-	-	-
	5690	138	-	-	-	-4.915	-4.084	-1.469	-	-	-	-	-
UNII3	5775	155	-	-	-	-7.800	-8.288	-5.027	-	-	-	-	-
UNII4	5855	171	-	-	-	-3.561	-4.958	-1.193	-	-	-	-3.29	-4.483

Mode : HE160(80L)

Band	Tone	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
				RU Index : Low			RU Index : Mid			RU Index : High				
				ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII 1-2A	26T	5250	50	6.027	6.584	9.325	5.788	5.844	8.827	6.982	6.877	9.941	-	-
UNII 2C		5570	114	6.016	7.204	9.661	5.228	6.048	8.668	5.679	7.397	9.633	-	-
UNII 3-4		5815	163	6.809	6.840	9.835	5.566	6.052	8.826	7.142	6.602	9.891	-3.29	6.601
UNII 1-2A	52T	5250	50	6.170	5.760	8.980	6.250	6.069	9.171	6.866	6.170	9.542	-	-
UNII 2C		5570	114	5.844	6.633	9.267	6.380	6.957	9.689	5.790	6.666	9.261	-	-
UNII 3-4		5815	163	6.521	6.921	9.736	6.829	6.749	9.800	7.670	6.411	10.096	-3.29	6.806
UNII 1-2A	106T	5250	50	4.695	4.832	7.774	4.900	4.786	7.854	5.166	5.287	8.237	-	-
UNII 2C		5570	114	4.578	5.666	8.166	4.501	5.472	8.024	4.257	5.601	7.991	-	-
UNII 3-4		5815	163	5.250	5.242	8.256	5.569	5.069	8.337	5.887	5.260	8.595	-3.29	5.305
UNII 1-2A	242T	5250	50	-0.690	-0.904	2.215	-0.516	-0.561	2.472	-0.393	-0.457	2.585	-	-
UNII 2C		5570	114	-0.980	-0.198	2.439	-1.168	-0.266	2.317	-1.422	-0.263	2.206	-	-
UNII 3-4		5815	163	-0.298	-0.047	2.840	-0.050	-0.267	2.853	0.039	0.067	3.063	-3.29	-0.227
UNII 1-2A	484T	5250	50	-3.486	-3.659	-0.561	-	-	-	-3.253	-3.399	-0.315	-	-
UNII 2C		5570	114	-3.743	-3.053	-0.374	-	-	-	-4.099	-3.253	-0.645	-	-
UNII 3-4		5815	163	-3.000	-3.012	0.004	-	-	-	-2.994	-3.080	-0.027	-3.29	-3.286
UNII 1-2A	996T	5250	50	-	-	-	-5.931	-6.606	-3.245	-	-	-	-	-
UNII 2C		5570	114	-	-	-	-6.714	-6.177	-3.427	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	-5.655	-6.026	-2.826	-	-	-	-3.29	-6.116

Mode : HE160(80U)

Band	Tone	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
				RU Index : Low			RU Index : Mid			RU Index : High				
				ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII 1-2A	26T	5250	50	6.688	7.021	9.868	5.252	5.908	8.603	6.739	6.906	9.834	-	-
UNII 2C		5570	114	5.899	7.164	9.588	5.053	5.758	8.430	5.427	7.384	9.526	-	-
UNII 3-4		5815	163	7.038	7.209	10.135	6.166	5.717	8.958	7.402	5.934	9.740	-3.29	6.845
UNII 1-2A	52T	5250	50	6.447	6.593	9.531	6.437	6.769	9.617	6.304	6.160	9.243	-	-
UNII 2C		5570	114	5.802	6.777	9.327	5.469	6.899	9.253	5.644	6.595	9.156	-	-
UNII 3-4		5815	163	7.343	6.591	9.994	7.431	6.648	10.068	6.928	6.230	9.604	-3.29	6.778
UNII 1-2A	106T	5250	50	5.009	5.370	8.204	5.399	5.013	8.221	5.013	4.849	7.942	-	-
UNII 2C		5570	114	4.198	5.435	7.871	4.598	5.352	8.002	4.207	5.451	7.884	-	-
UNII 3-4		5815	163	5.921	5.270	8.618	5.890	5.253	8.594	5.790	4.831	8.347	-3.29	5.328
UNII 1-2A	242T	5250	50	-0.136	-0.723	2.591	-0.084	-0.750	2.606	-0.406	-0.532	2.542	-	-
UNII 2C		5570	114	-0.815	-0.278	2.472	-0.861	-0.179	2.504	-1.208	-0.043	2.424	-	-
UNII 3-4		5815	163	0.346	-0.390	3.004	0.250	-0.311	2.989	0.586	-0.568	3.058	-3.29	-0.232
UNII 1-2A	484T	5250	50	-3.077	-3.129	-0.093	-	-	-	-3.363	-3.383	-0.363	-	-
UNII 2C		5570	114	-3.704	-2.770	-0.202	-	-	-	-4.036	-2.949	-0.448	-	-
UNII 3-4		5815	163	-2.441	-2.940	0.327	-	-	-	-2.396	-3.021	0.313	-3.29	-2.963
UNII 1-2A	996T	5250	50	-	-	-	-6.239	-6.309	-3.263	-	-	-	-	-
UNII 2C		5570	114	-	-	-	-7.049	-5.980	-3.471	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	-5.590	-6.290	-2.915	-	-	-	-3.29	-6.205

Mode : HE160

Band	Tone	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Directional Gain	Maximum E.I.R.PSD
				RU Index : Low			RU Index : Mid			RU Index : High				
				ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBm/MHz]
UNII 1-2A	SU	5250	50	-	-	-	-8.440	-9.190	-5.788	-	-	-	-	-
UNII 2C		5570	114	-	-	-	-9.506	-8.804	-6.130	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	-8.285	-8.712	-5.483	-	-	-	-3.29	-8.773
UNII 1-2A	2x996T	5250	50	-	-	-	-8.773	-9.106	-5.926	-	-	-	-	-
UNII 2C		5570	114	-	-	-	-9.709	-8.849	-6.247	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	-8.332	-8.652	-5.479	-	-	-	-3.29	-8.769

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

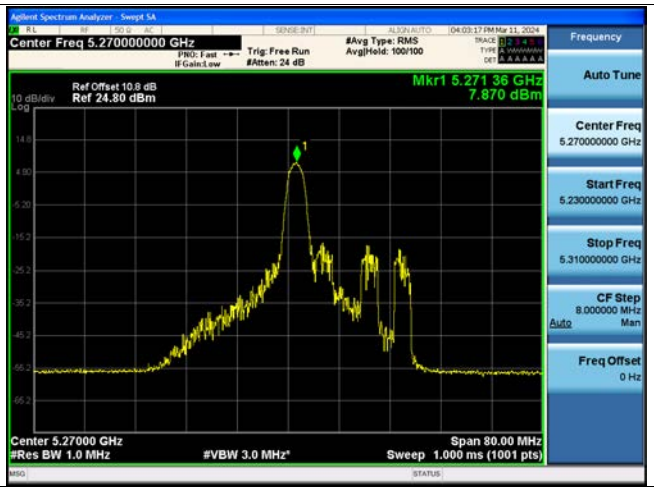
Note: In order to simplify the report, attached plots were only channel of the highest PSD.

▣ **Test Plots**

Ant.1	Ant.2
UNII 1-2C Bandwidth 20M Ch.40(5200 MHz) 26 Tone RU 0	
	
UNII 3 Bandwidth 20M Ch.165(5825 MHz) 26 Tone RU 0	
	

Ant.1	Ant.2

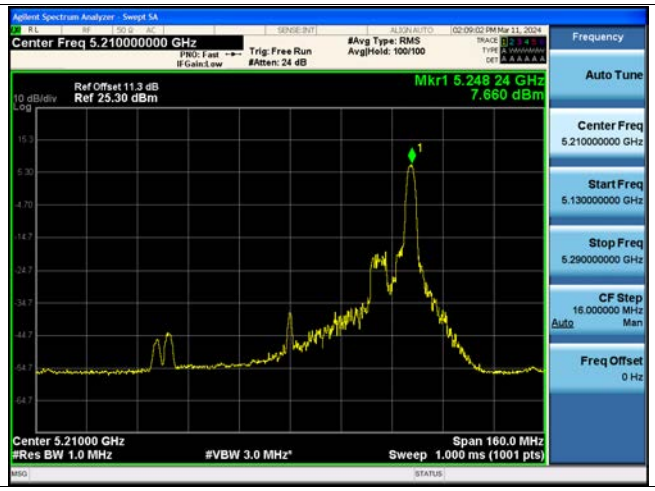
UNII 1-2C Bandwidth 40M Ch.54 (5270 MHz) 26Tone RU 9



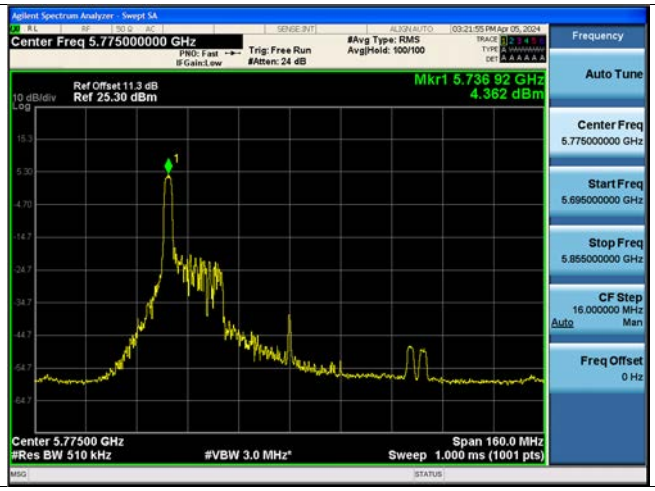
UNII 3 Bandwidth 40M Ch.159 (5795 MHz) 26Tone RU 9

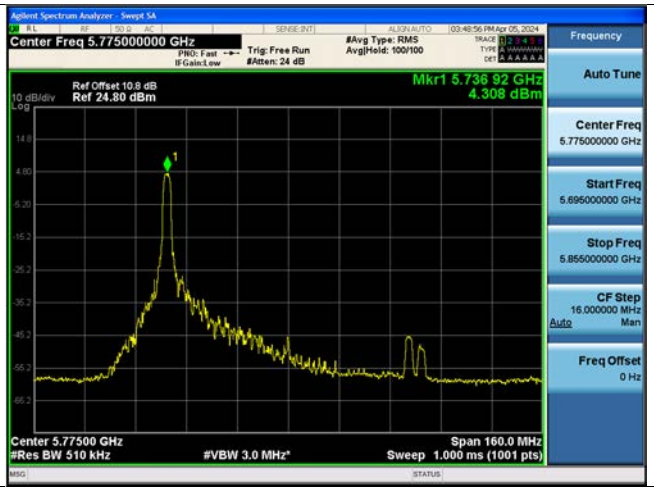
Ant.1	Ant.2

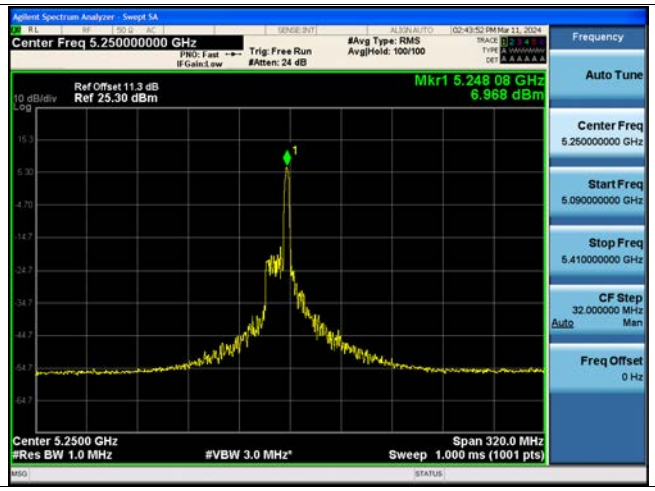
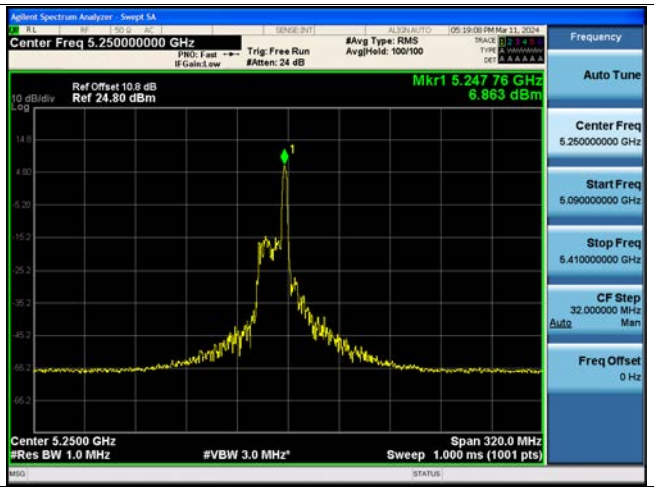
UNII 1-2C Bandwidth 80M Ch.42 (5210 MHz) 26Tone RU 36



UNII 3 Bandwidth 80M Ch.155 (5775 MHz) 26 Tone RU 0

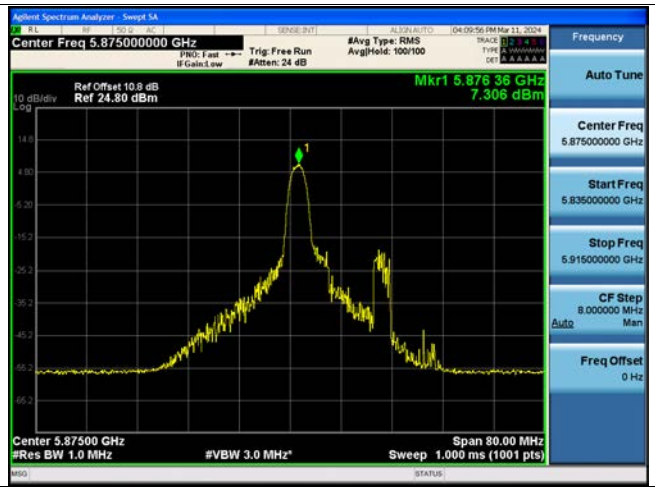




Ant.1	Ant.2
UNII 1-2C Bandwidth 160M_80L Ch.50 (5250 MHz) 26 Tones RU 36	
	

▣ Test Plots(UNII4 Band, EIRP)

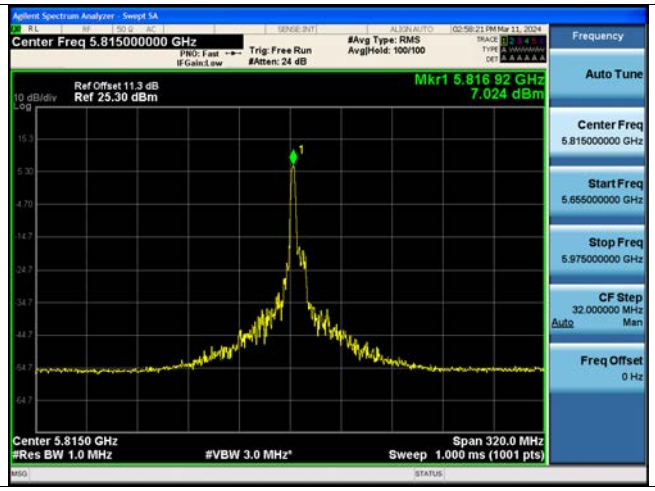
Note: In order to simplify the report, attached plots were only channel of the highest PSD.

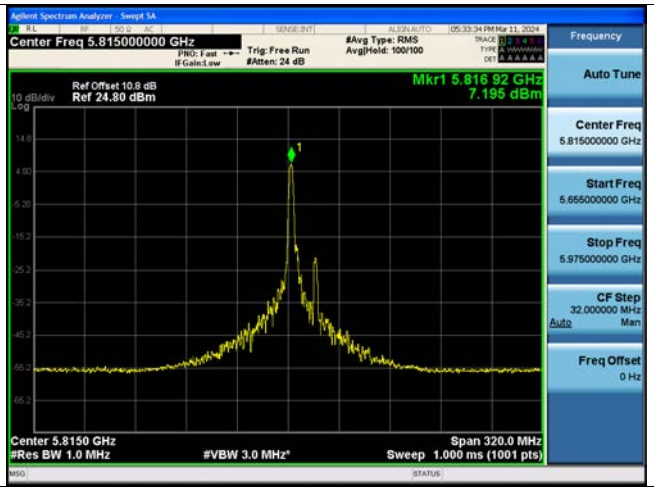
Ant.1	Ant.2
UNII 4 Bandwidth 20M Ch.169 (5845 MHz) 26Tone RU 0	
	
UNII 4 Bandwidth 40M Ch.175 (5835 MHz) 26Tone RU 9	
	

Ant.1	Ant.2

UNII 4 Bandwidth 80M Ch.171 (5855 MHz) 52Tone RU 36

UNII 4 Bandwidth 160M_80U Ch.163 (5815 MHz) 26 Tones RU 0





10.6 STRADDLE CHANNEL

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

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

10.6.1 Ant.1

Mode : HE20

Freq.[MHz]	CH.	Tone	RUIndex	26dB BW[MHz]		6dB BW [MHz]	Power [dBm]		PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5720	144	26T	(1) 0	15.60	4.16	-	9.36	-19.17	6.609	-20.786
			(1) 4	14.08	4.12	-	8.98	-18.95	5.284	-21.745
			7	14.08	4.04	2.48	-6.75	9.17	-2.104	3.938
			8	14.04	5.64	4.48	-12.89	9.31	-18.488	3.957
		52T	(1) 37	15.72	4.40	-	12.37	-16.18	6.901	-16.718
			(1) 38	14.36	4.32	-	12.20	-16.53	6.653	-17.404
			39	14.20	4.24	2.52	11.77	1.90	6.730	3.300
			40	14.12	5.64	4.48	-5.50	12.32	-2.390	4.191
		106T	(1) 53	15.60	4.72	-	13.82	-11.93	5.608	-16.325
			54	14.48	5.64	4.56	10.30	11.23	5.341	2.649
		242T	61	15.48	5.60	4.52	13.57	8.70	2.861	0.044
		SU	-	15.68	5.64	4.52	12.66	7.69	1.983	-0.952

Mode : HE40

Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		6dB BW [MHz]	Power [dBm]		PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5710	142	26T	(1)(2) 0	-	-	-	-	-	-	-
			(1) 9	18.28	4.20	-	9.04	-20.16	6.441	-23.247
			16	14.20	4.28	2.04	-0.75	8.45	2.799	3.589
			17	14.20	5.88	4.04	-12.28	8.78	-20.503	3.457
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1) 41	19.48	4.12	-	12.11	-17.13	6.717	-22.009
			43	16.28	4.12	2.52	12.04	-4.99	6.772	-8.581
			44	14.76	5.88	4.04	-0.09	11.65	3.319	3.730
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 54	-	-	-	-	-	-	-
			55	23.64	4.92	2.60	13.63	-13.10	5.231	-14.960
			56	23.64	5.96	4.04	10.73	10.25	5.316	2.221
		242T	(1)(2) 61	-	-	-	-	-	-	-
			62	27.64	5.96	4.12	12.44	6.65	1.570	-1.444
		484T	65	36.12	5.64	4.12	13.03	3.60	-1.272	-4.482
		SU	-	36.44	6.44	4.04	12.46	3.03	-1.998	-5.143

Mode : HE80										
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		6dB BW [MHz]	Power [dBm]		PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5690	138	26T	(1)(2) 0	-	-	-	-	-	-	-
			(1)(2) 18	-	-	-	-	-	-	-
			35	15.00	6.28	2.12	-0.19	8.62	3.206	3.806
			36	14.52	7.40	4.20	-12.64	9.11	-18.911	3.805
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1)(2) 45	-	-	-	-	-	-	-
			51	15.32	5.48	2.60	11.59	-5.18	6.371	-10.182
			52	15.48	8.36	4.04	-0.43	11.54	2.521	3.498
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 57	-	-	-	-	-	-	-
			59	21.24	6.28	2.76	13.60	-11.70	5.317	-14.926
			60	16.28	8.36	4.20	11.00	10.75	5.624	2.818
		242T	(1)(2) 61	-	-	-	-	-	-	-
			(1)(2) 62	-	-	-	-	-	-	-
			(1)(2) 63	-	-	-	-	-	-	-
			64	22.68	9.16	4.20	11.55	6.22	0.751	-2.022
		484T	(1)(2) 65	-	-	-	-	-	-	-
			66	60.12	9.32	4.20	12.27	3.43	-2.029	-4.852
		996T	67	79.32	8.68	4.20	12.54	0.41	-5.028	-7.630
		SU	-	80.12	9.16	4.20	11.67	-0.31	-5.680	-8.535

10.6.2 Ant.2

Mode : HE20									
Freq.[MHz]	CH.	Tone	RUIndex	26dB BW[MHz]		6dB BW[MHz]	Power[dBm]		PSD[dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5720	144	26T	(1) 0	15.52	3.88	-	10.08	-18.87	7.503	-20.459
			(1) 4	14.24	3.64	-	9.76	-18.82	6.296	-23.567
			7	14.20	4.12	2.44	-5.22	9.82	-0.673	4.522
			8	14.20	5.40	4.44	-11.24	9.93	-16.963	4.735
		52T	(1) 37	15.76	4.32	-	12.70	-15.07	7.358	-16.613
			(1) 38	14.32	4.28	-	12.54	-15.96	7.252	-18.057
			39	14.36	4.12	2.48	12.08	2.00	7.154	3.020
			40	14.20	5.56	4.48	-4.94	12.52	-1.197	4.644
		106T	(1) 53	15.60	4.68	-	14.12	-11.96	5.678	-14.143
			54	14.56	5.56	4.52	10.60	11.44	5.419	2.770
		242T	61	15.64	5.52	4.48	13.86	8.87	3.070	0.333
		SU	-	15.88	5.64	4.48	13.24	8.17	2.497	-0.453

Mode : HE40									
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		6dB BW [MHz]	Power [dBm]		PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5710	142	26T	(1)(2) 0	-	-	-	-	-	-	-
			(1) 9	18.04	4.12	-	10.05	-19.66	7.403	-22.100
			16	14.52	4.12	2.04	0.62	9.33	4.540	4.532
			17	14.28	5.80	4.04	-11.27	9.72	-18.523	4.603
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1) 41	19.40	4.20	-	12.66	-17.08	7.315	-20.016
			43	16.20	4.20	2.52	12.49	-4.68	7.221	-8.744
			44	16.36	5.88	4.04	0.58	12.10	3.977	4.164
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 54	-	-	-	-	-	-	-
			55	19.56	4.84	2.60	14.29	-12.21	5.903	-15.360
			56	23.56	6.04	4.04	11.46	10.84	5.914	2.989
		242T	(1)(2) 61	-	-	-	-	-	-	-
			62	27.72	5.88	4.04	13.15	7.21	2.325	-0.940
		484T	65	36.20	5.56	4.04	13.73	4.17	-0.556	-3.813
		SU	-	36.20	6.04	4.04	13.31	3.82	-1.132	-4.359

Mode : HE80										
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		6dB BW [MHz]	Power [dBm]		PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5690	138	26T	(1)(2) 0	-	-	-	-	-	-	-
			(1)(2) 18	-	-	-	-	-	-	-
			35	14.52	5.48	2.12	0.82	9.60	4.429	4.917
			36	15.16	7.40	4.04	-11.83	10.22	-20.607	4.600
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1)(2) 45	-	-	-	-	-	-	-
			51	15.16	4.84	2.60	12.11	-4.56	6.932	-4.258
			52	15.16	9.00	4.20	-0.10	12.12	1.477	4.284
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 57	-	-	-	-	-	-	-
			59	22.04	6.28	2.60	14.12	-11.55	5.652	-17.028
			60	15.96	8.04	4.04	11.53	11.24	5.949	3.485
		242T	(1)(2) 61	-	-	-	-	-	-	-
			(1)(2) 62	-	-	-	-	-	-	-
			(1)(2) 63	-	-	-	-	-	-	-
			64	22.68	8.68	4.20	12.13	6.77	1.631	-1.478
		484T	(1)(2) 65	-	-	-	-	-	-	-
			66	60.28	9.48	4.20	12.88	4.02	-1.281	-4.011
		996T	67	78.04	8.68	4.20	13.24	1.04	-4.162	-7.202
		SU	-	78.36	9.00	4.20	12.67	0.70	-4.807	-7.498

▣ Test Plots(26dB Bandwidth)

Note: In order to simplify the report, attached plots were only the widest channel. (UNII1~3)

[Ant.1]

UNII 2C	UNII 3
20M Ch.144(5720 MHz) 52 Tones RU 37	20M Ch.144(5720 MHz) 26 Tones RU 8
	
40M Ch.142(5710 MHz) SU	40M Ch.142(5710 MHz) SU
	
80M Ch.138(5690 MHz) SU	80M Ch.138(5690 MHz) 484 Tones RU 66
	

[Ant.2]

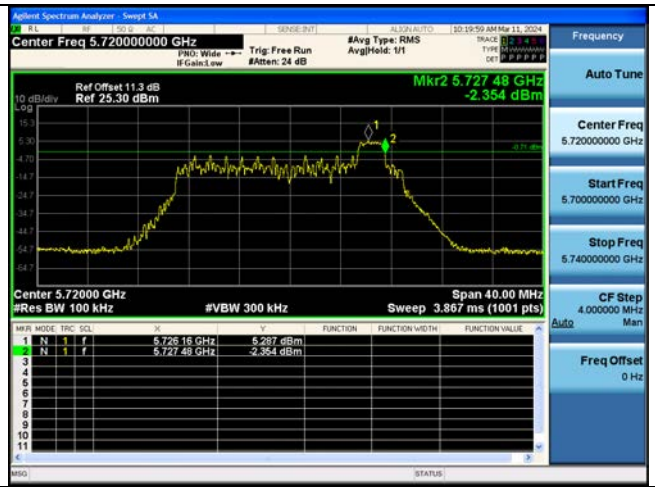
UNII 2C	UNII 3
20M Ch.144(5720 MHz) SU	20M Ch.144(5720 MHz) SU
	
40M Ch.142(5710 MHz) SU	40M Ch.142(5710 MHz) SU
	
80M Ch.138(5690 MHz) SU	80M Ch.138(5690 MHz) 484 Tones RU 66
	

▣ Test Plots(6dB Bandwidth)

Note: In order to simplify the report, attached plots were only the narrowest channel. (UNII1~3)

[Ant.1]

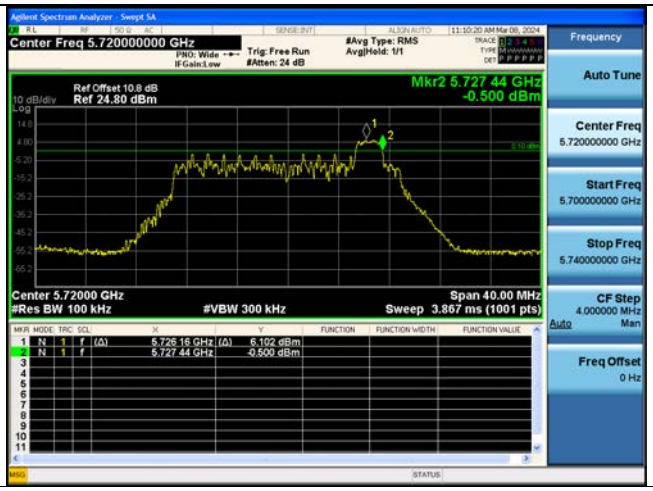
20M Ch.144(5720 MHz) 26 Tones RU 7



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

80M Ch.138(5690 MHz) 242 Tones RU 35

[Ant.2]

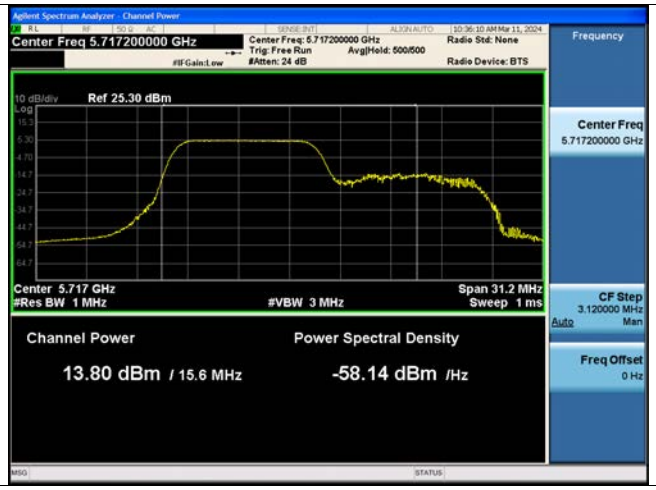
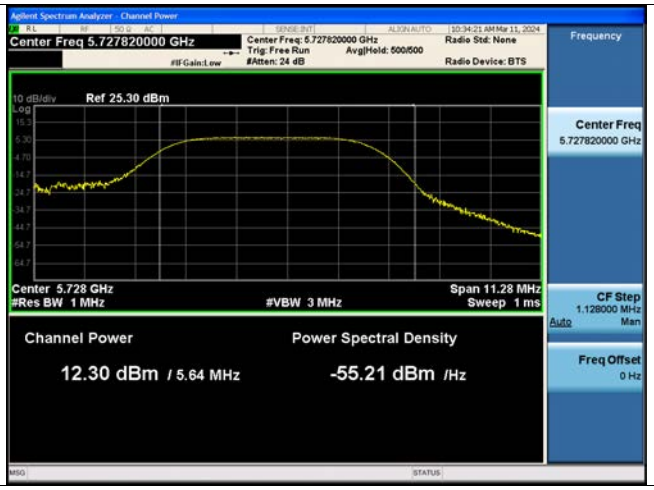
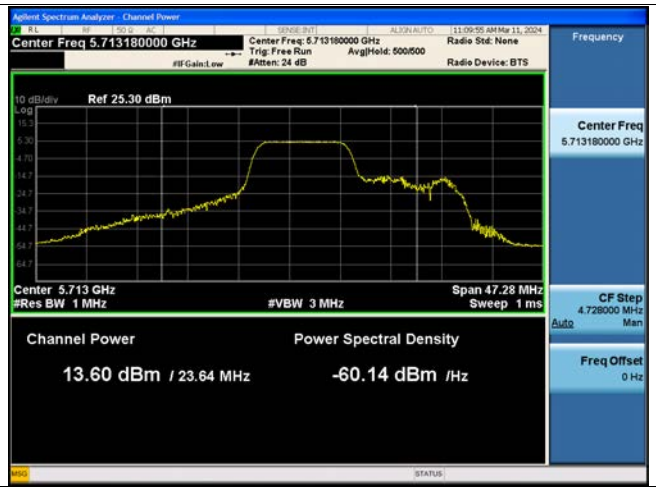
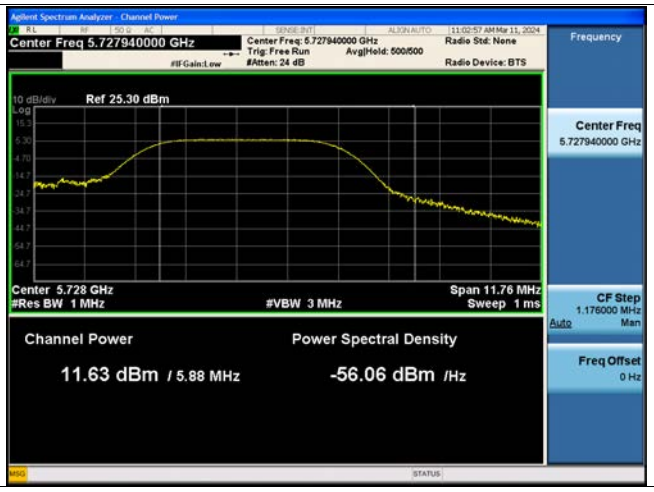
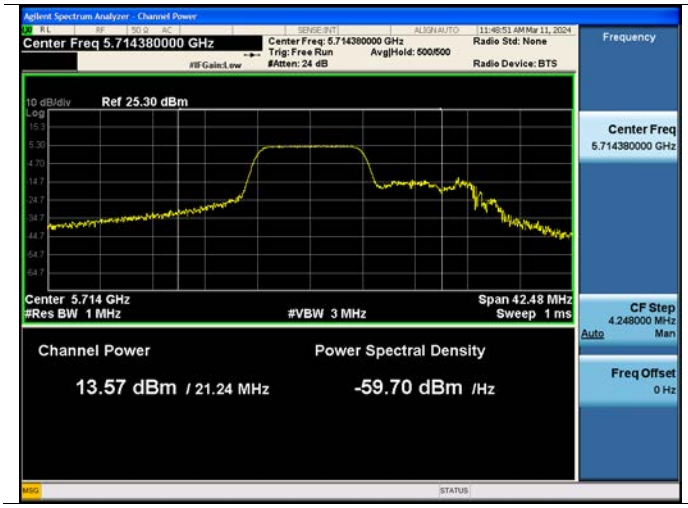
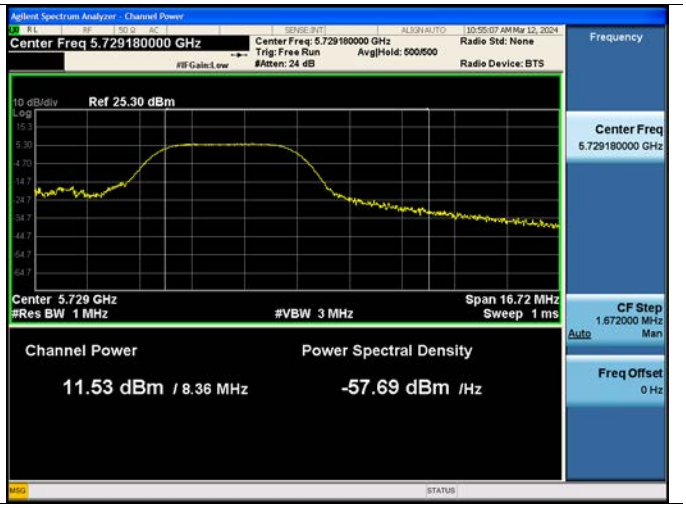
20M Ch.144(5720 MHz) 26 Tones RU 7	40M Ch.142(5710 MHz) 26 Tones RU 16
	

80M Ch.138(5690 MHz) 242 Tones RU 35

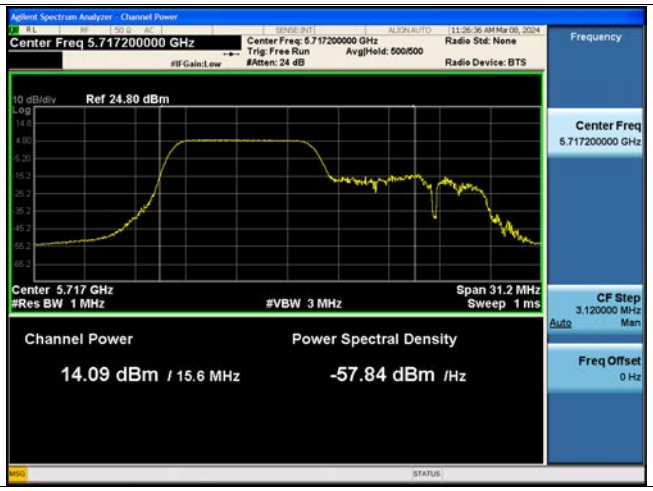
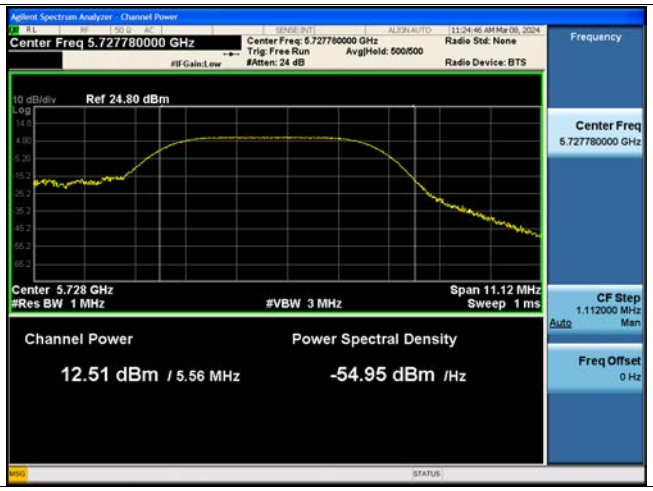
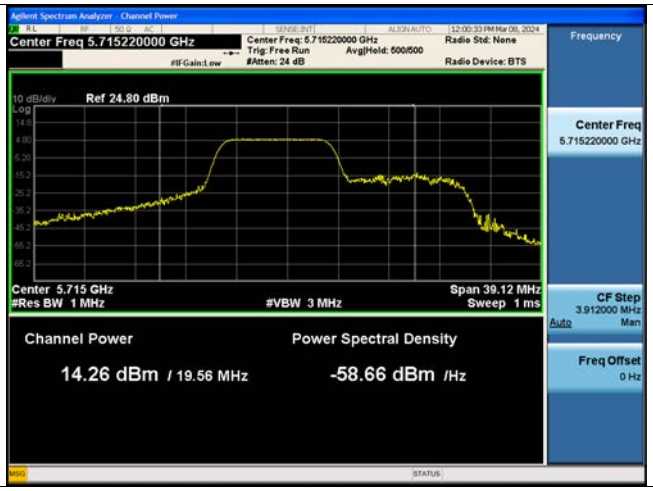
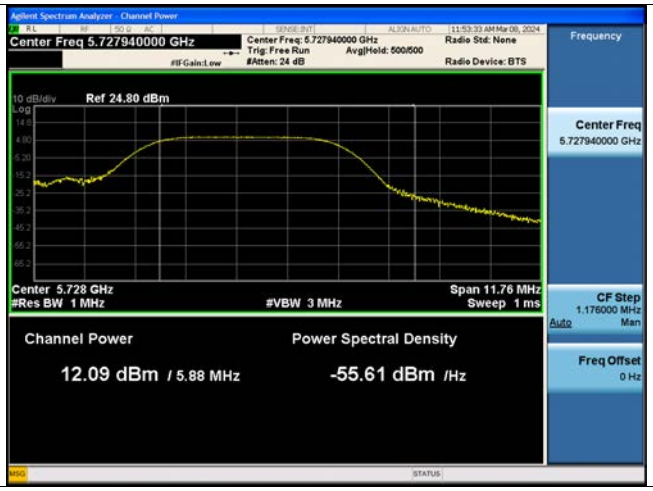
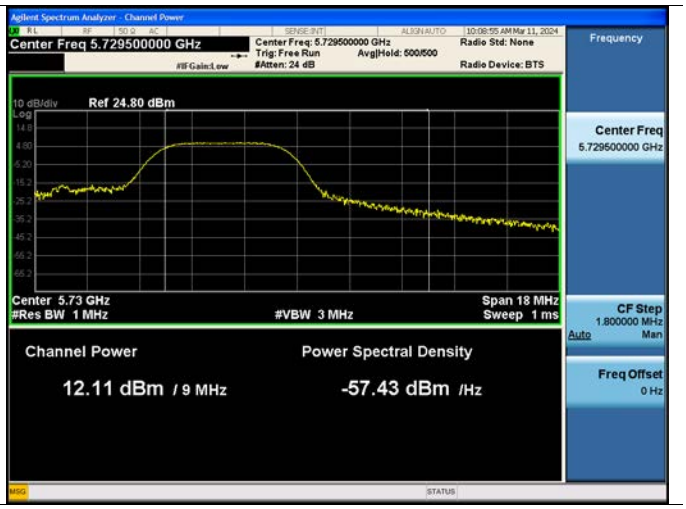
▣ Test Plots(Output Power)

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

[Ant.1]

UNII 2C	UNII 3
20M Ch.144(5720 MHz) 106 Tones RU 53	20M Ch.144(5720 MHz) 52 Tones RU 40
	
40M Ch.142(5710 MHz) 106 Tones RU 55	40M Ch.142(5710 MHz) 52 Tones RU 44
	
80M Ch.138(5690 MHz) 106 Tones RU 59	80M Ch.138(5690 MHz) 52 Tones RU 52
	

[Ant.2]

UNII 2C	UNII 3
20M Ch.144(5720 MHz) 106 Tones RU 53	20M Ch.144(5720 MHz) 52 Tones RU 40
	
40M Ch.142(5710 MHz) 106 Tones RU 55	40M Ch.142(5710 MHz) 52 Tones RU 44
	
80M Ch.138(5690 MHz) 106 Tones RU 59	80M Ch.138(5690 MHz) 52 Tones RU 52
	

▣ Test Plots(Power Spectral Density)

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

[Ant.1]

UNII 2C	UNII 3
20M Ch.144(5720 MHz) 52 Tones RU 37	20M Ch.144(5720 MHz) 52 Tones RU 40
	
40M Ch.142(5710 MHz) 52 Tones RU 43	40M Ch.142(5710 MHz) 52 Tones RU 44
	
80M Ch.138(5690 MHz) 52 Tones RU 51	80M Ch.138(5690 MHz) 26 Tones RU 35
	

[Ant.2]

UNII 2C	UNII 3
20M Ch.144(5720 MHz) 26 Tones RU 0	20M Ch.144(5720 MHz) 26 Tones RU 8
	
40M Ch.142(5710 MHz) 26 Tones RU 9	40M Ch.142(5710 MHz) 26 Tones RU 17
	
80M Ch.138(5690 MHz) 52 Tones RU 51	80M Ch.138(5690 MHz) 26 Tones RU 35
	

10.7 RADIATED SPURIOUS EMISSIONS (9 kHz – 1 GHz)

Frequency Range : 9 kHz – 30 MHz

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

Note:

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

Frequency Range : Below 1 GHz

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

Note:

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

10.8 RADIATED SPURIOUS EMISSIONS (Above 1 GHz)

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

[Open Mode]

[802.11ax(HE20)]

1) SU

Band :	UNII 1
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10360	51.80	-0.60	V	51.20	68.20	17.00	PK
15540	52.71	2.65	V	55.36	73.98	18.62	PK
15540	39.81	2.65	V	42.46	53.98	11.52	AV
10360	51.59	-0.60	H	50.99	68.20	17.21	PK
15540	53.30	2.65	H	55.95	73.98	18.03	PK
15540	40.31	2.65	H	42.96	53.98	11.02	AV

Band :	UNII 1
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10400	51.44	0.64	V	52.08	68.20	16.12	PK
15600	53.64	2.37	V	56.01	73.98	17.97	PK
15600	39.98	2.37	V	42.35	53.98	11.63	AV
10400	51.27	0.64	H	51.91	68.20	16.29	PK
15600	53.15	2.37	H	55.52	73.98	18.46	PK
15600	39.92	2.37	H	42.29	53.98	11.69	AV

Band :	UNII 1
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10480	51.86	-0.35	V	51.51	68.20	16.69	PK
15720	53.43	1.42	V	54.85	73.98	19.13	PK
15720	38.89	1.42	V	40.31	53.98	13.67	AV
10480	51.18	-0.35	H	50.83	68.20	17.37	PK
15720	51.22	1.42	H	52.64	73.98	21.34	PK
15720	38.08	1.42	H	39.50	53.98	14.48	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10520	51.55	-0.53	V	51.02	68.20	17.19	PK
15780	51.38	1.47	V	52.85	73.98	21.13	PK
15780	38.02	1.47	V	39.49	53.98	14.49	AV
10520	51.40	-0.53	H	50.87	68.20	17.34	PK
15780	49.94	1.47	H	51.41	73.98	22.57	PK
15780	36.80	1.47	H	38.27	53.98	15.71	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10600	50.86	0.02	V	50.88	73.98	23.10	PK
10600	37.99	0.02	V	38.01	53.98	15.97	AV
15900	49.99	0.86	V	50.85	73.98	23.13	PK
15900	37.06	0.86	V	37.92	53.98	16.06	AV
10600	50.77	0.02	H	50.79	73.98	23.19	PK
10600	37.96	0.02	H	37.98	53.98	16.00	AV
15900	49.64	0.86	H	50.50	73.98	23.48	PK
15900	36.98	0.86	H	37.84	53.98	16.14	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10640	51.29	-0.44	V	50.85	73.98	23.13	PK
10640	37.80	-0.44	V	37.36	53.98	16.62	AV
15960	49.92	1.04	V	50.96	73.98	23.02	PK
15960	36.81	1.04	V	37.85	53.98	16.13	AV
10640	51.01	-0.44	H	50.57	73.98	23.41	PK
10640	37.59	-0.44	H	37.15	53.98	16.83	AV
15960	48.95	1.04	H	49.99	73.98	23.99	PK
15960	36.14	1.04	H	37.18	53.98	16.80	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11000	50.65	0.51	V	51.16	73.98	22.82	PK
11000	37.55	0.51	V	38.06	53.98	15.92	AV
16500	49.07	0.85	V	49.92	68.20	18.28	PK
11000	49.88	0.51	H	50.39	73.98	23.59	PK
11000	37.04	0.51	H	37.55	53.98	16.43	AV
16500	49.49	0.85	H	50.34	68.20	17.86	PK

Band :	UNII 2C
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5600 MHz
Channel No.	120 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11200	49.09	-0.31	V	48.78	73.98	25.20	PK
11200	36.41	-0.31	V	36.10	53.98	17.88	AV
16800	49.14	0.08	V	49.22	68.20	18.98	PK
11200	49.01	-0.31	H	48.70	73.98	25.28	PK
11200	36.19	-0.31	H	35.88	53.98	18.10	AV
16800	49.16	0.08	H	49.24	68.20	18.96	PK

Band :	UNII 2C
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11440	51.03	-0.02	V	51.01	73.98	22.97	PK
11440	37.68	-0.02	V	37.66	53.98	16.32	AV
17160	49.15	1.01	V	50.16	68.20	18.04	PK
11440	50.70	-0.02	H	50.68	73.98	23.30	PK
11440	37.60	-0.02	H	37.58	53.98	16.40	AV
17160	49.04	1.01	H	50.05	68.20	18.15	PK

Band :	UNII 3
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5745MHz
Channel No.	149 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11490	51.10	0.27	V	51.37	73.98	22.61	PK
11490	37.33	0.27	V	37.60	53.98	16.38	AV
17235	48.54	1.48	V	50.02	68.20	18.18	PK
11490	50.11	0.27	H	50.38	73.98	23.60	PK
11490	37.19	0.27	H	37.46	53.98	16.52	AV
17235	48.54	1.48	H	50.02	68.20	18.18	PK

Band :	UNII 3
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11570	50.15	0.41	V	50.56	73.98	23.43	PK
11570	37.38	0.41	V	37.79	53.98	16.20	AV
17355	49.37	1.45	V	50.82	68.20	17.39	PK
11570	50.86	0.41	H	51.27	73.98	22.72	PK
11570	37.31	0.41	H	37.72	53.98	16.27	AV
17355	48.96	1.45	H	50.41	68.20	17.80	PK

Band :	UNII 3
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11650	50.22	0.85	V	51.07	73.98	22.91	PK
11650	37.34	0.85	V	38.19	53.98	15.79	AV
17475	48.02	2.45	V	50.47	68.20	17.73	PK
11650	50.51	0.85	H	51.36	73.98	22.62	PK
11650	37.05	0.85	H	37.90	53.98	16.08	AV
17475	49.32	2.45	H	51.77	68.20	16.43	PK

Band :	UNII 4
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5845 MHz
Channel No.	169 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11690	50.99	0.05	V	51.04	73.98	22.94	PK
11690	37.38	0.05	V	37.43	53.98	16.55	AV
17535	47.72	3.69	V	51.41	68.20	16.79	PK
11690	50.67	0.05	H	50.72	73.98	23.26	PK
11690	37.29	0.05	H	37.34	53.98	16.64	AV
17535	47.14	3.69	H	50.83	68.20	17.37	PK

Band :	UNII 4
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5865 MHz
Channel No.	173 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11730	50.50	-0.53	V	49.97	73.98	24.01	PK
11730	37.54	-0.53	V	37.01	53.98	16.97	AV
17595	47.46	3.62	V	51.08	68.20	17.12	PK
11730	50.60	-0.53	H	50.07	73.98	23.91	PK
11730	37.38	-0.53	H	36.85	53.98	17.13	AV
17595	47.56	3.62	H	51.18	68.20	17.02	PK

Band :	UNII 4
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5885 MHz
Channel No.	177 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11770	50.53	0.26	V	50.79	73.98	23.20	PK
11770	37.49	0.26	V	37.75	53.98	16.24	AV
17655	47.53	4.59	V	52.12	68.20	16.09	PK
11770	50.70	0.26	H	50.96	73.98	23.03	PK
11770	37.24	0.26	H	37.50	53.98	16.49	AV
17655	48.00	4.59	H	52.59	68.20	15.62	PK

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Band :	UNII 1
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10360	51.02	-0.60	V	50.42	68.20	17.78	PK
15540	55.75	2.65	V	58.40	73.98	15.58	PK
15540	40.57	2.65	V	43.22	53.98	10.76	AV
10360	51.51	-0.60	H	50.91	68.20	17.29	PK
15540	55.80	2.65	H	58.45	73.98	15.53	PK
15540	41.04	2.65	H	43.69	53.98	10.29	AV

Band :	UNII 1
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10400	51.31	0.64	V	51.95	68.20	16.25	PK
15600	53.79	2.37	V	56.16	73.98	17.82	PK
15600	40.35	2.37	V	42.72	53.98	11.26	AV
10400	52.38	0.64	H	53.02	68.20	15.18	PK
15600	57.52	2.37	H	59.89	73.98	14.09	PK
15600	40.49	2.37	H	42.86	53.98	11.12	AV

Band :	UNII 1
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10480	51.20	-0.35	V	50.85	68.20	17.35	PK
15720	53.94	1.42	V	55.36	73.98	18.62	PK
15720	39.28	1.42	V	40.70	53.98	13.28	AV
10480	51.64	-0.35	H	51.29	68.20	16.91	PK
15720	53.25	1.42	H	54.67	73.98	19.31	PK
15720	38.74	1.42	H	40.16	53.98	13.82	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10520	51.21	-0.53	V	50.68	68.20	17.53	PK
15780	54.59	1.47	V	56.06	73.98	17.92	PK
15780	38.35	1.47	V	39.82	53.98	14.16	AV
10520	50.98	-0.53	H	50.45	68.20	17.76	PK
15780	50.95	1.47	H	52.42	73.98	21.56	PK
15780	37.46	1.47	H	38.93	53.98	15.05	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10600	50.39	0.02	V	50.41	73.98	23.57	PK
10600	37.70	0.02	V	37.72	53.98	16.26	AV
15900	53.38	0.86	V	54.24	73.98	19.74	PK
15900	37.85	0.86	V	38.71	53.98	15.27	AV
10600	50.36	0.02	H	50.38	73.98	23.60	PK
10600	37.74	0.02	H	37.76	53.98	16.22	AV
15900	51.69	0.86	H	52.55	73.98	21.43	PK
15900	37.77	0.86	H	38.63	53.98	15.35	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10640	50.81	-0.44	V	50.37	73.98	23.61	PK
10640	38.01	-0.44	V	37.57	53.98	16.41	AV
15960	51.90	1.04	V	52.94	73.98	21.04	PK
15960	37.22	1.04	V	38.26	53.98	15.72	AV
10640	50.43	-0.44	H	49.99	73.98	23.99	PK
10640	37.52	-0.44	H	37.08	53.98	16.90	AV
15960	49.60	1.04	H	50.64	73.98	23.34	PK
15960	36.25	1.04	H	37.29	53.98	16.69	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11000	49.57	0.51	V	50.08	73.98	23.90	PK
11000	37.42	0.51	V	37.93	53.98	16.05	AV
16500	49.91	0.85	V	50.76	68.20	17.44	PK
11000	49.60	0.51	H	50.11	73.98	23.87	PK
11000	36.81	0.51	H	37.32	53.98	16.66	AV
16500	49.76	0.85	H	50.61	68.20	17.59	PK

Band :	UNII 2C
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5600 MHz
Channel No.	120 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11200	48.97	-0.31	V	48.66	73.98	25.32	PK
11200	36.35	-0.31	V	36.04	53.98	17.94	AV
16800	49.03	0.08	V	49.11	68.20	19.09	PK
11200	49.06	-0.31	H	48.75	73.98	25.23	PK
11200	36.29	-0.31	H	35.98	53.98	18.00	AV
16800	49.45	0.08	H	49.53	68.20	18.67	PK

Band :	UNII 2C
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11440	50.64	-0.02	V	50.62	73.98	23.36	PK
11440	37.56	-0.02	V	37.54	53.98	16.44	AV
17160	48.68	1.01	V	49.69	68.20	18.51	PK
11440	50.04	-0.02	H	50.02	73.98	23.96	PK
11440	37.43	-0.02	H	37.41	53.98	16.57	AV
17160	49.29	1.01	H	50.30	68.20	17.90	PK

Band :	UNII 3
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5745MHz
Channel No.	149 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11490	50.58	0.27	V	50.85	73.98	23.13	PK
11490	37.13	0.27	V	37.40	53.98	16.58	AV
17235	48.72	1.48	V	50.20	68.20	18.00	PK
11490	50.54	0.27	H	50.81	73.98	23.17	PK
11490	37.13	0.27	H	37.40	53.98	16.58	AV
17235	49.38	1.48	H	50.86	68.20	17.34	PK

Band :	UNII 3
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11570	50.46	0.41	V	50.87	73.98	23.12	PK
11570	37.23	0.41	V	37.64	53.98	16.35	AV
17355	49.41	1.45	V	50.86	68.20	17.35	PK
11570	50.34	0.41	H	50.75	73.98	23.24	PK
11570	37.21	0.41	H	37.62	53.98	16.37	AV
17355	48.78	1.45	H	50.23	68.20	17.98	PK

Band :	UNII 3
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11650	50.07	0.85	V	50.92	73.98	23.06	PK
11650	37.32	0.85	V	38.17	53.98	15.81	AV
17475	48.58	2.45	V	51.03	68.20	17.17	PK
11650	49.54	0.85	H	50.39	73.98	23.59	PK
11650	36.98	0.85	H	37.83	53.98	16.15	AV
17475	48.52	2.45	H	50.97	68.20	17.23	PK

Band :	UNII 4
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5845 MHz
Channel No.	169 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11690	50.38	0.05	V	50.43	73.98	23.55	PK
11690	37.39	0.05	V	37.44	53.98	16.54	AV
17535	47.39	3.69	V	51.08	68.20	17.12	PK
11690	50.69	0.05	H	50.74	73.98	23.24	PK
11690	37.46	0.05	H	37.51	53.98	16.47	AV
17535	48.01	3.69	H	51.70	68.20	16.50	PK

Band :	UNII 4
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5865 MHz
Channel No.	173 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11730	50.86	-0.53	V	50.33	73.98	23.65	PK
11730	37.89	-0.53	V	37.36	53.98	16.62	AV
17595	46.91	3.62	V	50.53	68.20	17.67	PK
11730	50.44	-0.53	H	49.91	73.98	24.07	PK
11730	37.48	-0.53	H	36.95	53.98	17.03	AV
17595	47.50	3.62	H	51.12	68.20	17.08	PK

Band :	UNII 4
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5885 MHz
Channel No.	177 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11770	50.22	0.26	V	50.48	73.98	23.51	PK
11770	37.50	0.26	V	37.76	53.98	16.23	AV
17655	47.19	4.59	V	51.78	68.20	16.43	PK
11770	50.49	0.26	H	50.75	73.98	23.24	PK
11770	37.11	0.26	H	37.37	53.98	16.62	AV
17655	47.85	4.59	H	52.44	68.20	15.77	PK

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Band :	UNII 1
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10360	51.64	-0.60	V	51.04	68.20	17.16	PK
15540	56.60	2.65	V	59.25	73.98	14.73	PK
15540	41.09	2.65	V	43.74	53.98	10.24	AV
10360	50.36	-0.60	H	49.76	68.20	18.44	PK
15540	**57.36**	**2.65**	**H**	**60.01**	**73.98**	**13.97**	**PK**
15540	**41.47**	**2.65**	**H**	**44.12**	**53.98**	**9.86**	**AV**

Band :	UNII 1
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10400	51.51	0.64	V	52.15	68.20	16.05	PK
15600	54.97	2.37	V	57.34	73.98	16.64	PK
15600	40.38	2.37	V	42.75	53.98	11.23	AV
10400	50.98	0.64	H	51.62	68.20	16.58	PK
15600	54.87	2.37	H	57.24	73.98	16.74	PK
15600	40.19	2.37	H	42.56	53.98	11.42	AV

Band :	UNII 1
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10480	50.98	-0.35	V	50.63	68.20	17.57	PK
15720	55.53	1.42	V	56.95	73.98	17.03	PK
15720	40.30	1.42	V	41.72	53.98	12.26	AV
10480	50.95	-0.35	H	50.60	68.20	17.60	PK
15720	54.14	1.42	H	55.56	73.98	18.42	PK
15720	39.38	1.42	H	40.80	53.98	13.18	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10520	51.44	-0.53	V	50.91	68.20	17.30	PK
15780	54.22	1.47	V	55.69	73.98	18.29	PK
15780	39.55	1.47	V	41.02	53.98	12.96	AV
10520	50.75	-0.53	H	50.22	68.20	17.99	PK
15780	51.73	1.47	H	53.20	73.98	20.78	PK
15780	37.93	1.47	H	39.40	53.98	14.58	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10600	50.72	0.02	V	50.74	73.98	23.24	PK
10600	37.67	0.02	V	37.69	53.98	16.29	AV
15900	54.25	0.86	V	55.11	73.98	18.87	PK
15900	38.18	0.86	V	39.04	53.98	14.94	AV
10600	50.53	0.02	H	50.55	73.98	23.43	PK
10600	37.45	0.02	H	37.47	53.98	16.51	AV
15900	52.62	0.86	H	53.48	73.98	20.50	PK
15900	37.96	0.86	H	38.82	53.98	15.16	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10640	50.55	-0.44	V	50.11	73.98	23.87	PK
10640	37.65	-0.44	V	37.21	53.98	16.77	AV
15960	52.94	1.04	V	53.98	73.98	20.00	PK
15960	37.97	1.04	V	39.01	53.98	14.97	AV
10640	50.67	-0.44	H	50.23	73.98	23.75	PK
10640	37.47	-0.44	H	37.03	53.98	16.95	AV
15960	51.68	1.04	H	52.72	73.98	21.26	PK
15960	36.97	1.04	H	38.01	53.98	15.97	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11000	49.69	0.51	V	50.20	73.98	23.78	PK
11000	36.97	0.51	V	37.48	53.98	16.50	AV
16500	50.77	0.85	V	51.62	68.20	16.58	PK
11000	50.10	0.51	H	50.61	73.98	23.37	PK
11000	36.66	0.51	H	37.17	53.98	16.81	AV
16500	50.22	0.85	H	51.07	68.20	17.13	PK

Band :	UNII 2C
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5600 MHz
Channel No.	120 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11200	49.08	-0.31	V	48.77	73.98	25.21	PK
11200	36.04	-0.31	V	35.73	53.98	18.25	AV
16800	49.01	0.08	V	49.09	68.20	19.11	PK
11200	48.84	-0.31	H	48.53	73.98	25.45	PK
11200	35.86	-0.31	H	35.55	53.98	18.43	AV
16800	49.80	0.08	H	49.88	68.20	18.32	PK

Band :	UNII 2C
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11440	51.01	-0.02	V	50.99	73.98	22.99	PK
11440	37.48	-0.02	V	37.46	53.98	16.52	AV
17160	48.70	1.01	V	49.71	68.20	18.49	PK
11440	50.40	-0.02	H	50.38	73.98	23.60	PK
11440	37.31	-0.02	H	37.29	53.98	16.69	AV
17160	48.97	1.01	H	49.98	68.20	18.22	PK

Band :	UNII 3
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5745MHz
Channel No.	149 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11490	50.12	0.27	V	50.39	73.98	23.59	PK
11490	37.19	0.27	V	37.46	53.98	16.52	AV
17235	49.13	1.48	V	50.61	68.20	17.59	PK
11490	49.77	0.27	H	50.04	73.98	23.94	PK
11490	37.13	0.27	H	37.40	53.98	16.58	AV
17235	48.44	1.48	H	49.92	68.20	18.28	PK

Band :	UNII 3
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11570	50.30	0.41	V	50.71	73.98	23.28	PK
11570	37.07	0.41	V	37.48	53.98	16.51	AV
17355	49.05	1.45	V	50.50	68.20	17.71	PK
11570	49.70	0.41	H	50.11	73.98	23.88	PK
11570	37.10	0.41	H	37.51	53.98	16.48	AV
17355	48.83	1.45	H	50.28	68.20	17.93	PK

Band :	UNII 3
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11650	49.84	0.85	V	50.69	73.98	23.29	PK
11650	37.06	0.85	V	37.91	53.98	16.07	AV
17475	48.16	2.45	V	50.61	68.20	17.59	PK
11650	50.29	0.85	H	51.14	73.98	22.84	PK
11650	36.95	0.85	H	37.80	53.98	16.18	AV
17475	48.18	2.45	H	50.63	68.20	17.57	PK

Band :	UNII 4
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5845 MHz
Channel No.	169 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11690	50.21	0.05	V	50.26	73.98	23.72	PK
11690	37.34	0.05	V	37.39	53.98	16.59	AV
17535	47.02	3.69	V	50.71	68.20	17.49	PK
11690	50.50	0.05	H	50.55	73.98	23.43	PK
11690	37.43	0.05	H	37.48	53.98	16.50	AV
17535	47.20	3.69	H	50.89	68.20	17.31	PK

Band :	UNII 4
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5865 MHz
Channel No.	173 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11730	50.60	-0.53	V	50.07	73.98	23.91	PK
11730	37.35	-0.53	V	36.82	53.98	17.16	AV
17595	47.43	3.62	V	51.05	68.20	17.15	PK
11730	50.78	-0.53	H	50.25	73.98	23.73	PK
11730	37.23	-0.53	H	36.70	53.98	17.28	AV
17595	47.35	3.62	H	50.97	68.20	17.23	PK

Band :	UNII 4
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5885 MHz
Channel No.	177 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
11770	50.31	0.26	V	50.57	73.98	23.42	PK
11770	37.19	0.26	V	37.45	53.98	16.54	AV
17655	47.74	4.59	V	52.33	68.20	15.88	PK
11770	49.99	0.26	H	50.25	73.98	23.74	PK
11770	37.08	0.26	H	37.34	53.98	16.65	AV
17655	47.35	4.59	H	51.94	68.20	16.27	PK

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Band :	UNII 1
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10380	52.00	1.14	V	53.14	68.20	15.06	PK
15570	48.79	2.21	V	51.00	73.98	22.99	PK
15570	37.32	2.21	V	39.53	53.98	14.46	AV
10380	52.09	1.14	H	53.23	68.20	14.97	PK
15570	49.12	2.21	H	51.33	73.98	22.66	PK
15570	37.72	2.21	H	39.93	53.98	14.06	AV

Band :	UNII 1
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5230 MHz
Channel No.	46 Ch

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBµV]	[dB/m]	[H/V]	[dBµV/m]	[dBµV/m]	[dB]	
10460	51.33	-0.60	V	50.73	68.20	17.47	PK
15690	49.92	1.85	V	51.77	73.98	22.21	PK
15690	37.27	1.85	V	39.12	53.98	14.86	AV
10460	51.20	-0.60	H	50.60	68.20	17.60	PK
15690	49.26	1.85	H	51.11	73.98	22.87	PK
15690	38.00	1.85	H	39.85	53.98	14.13	AV