74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383, Rep. of KOREA
TEL: +82-31-645-6300 FAX: +82-31-645-6401

FCC UNII REPORT

Certification

Applicant Name:
SAMSUNG Electronics Co., Ltd.

Address:
129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Rep. of Korea

Date of Issue:
October 17, 2023

Test Site/Location:
74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383 KOREA

Report No.: HCT-RF-2310-FC054

FCC ID:	**A3LSMS926B**
APPLICANT:	**SAMSUNG Electronics Co., Ltd.**

Model:	SM-S926B/DS
Additional Model:	SM-S926B
EUT Type:	Mobile phone
Modulation type	OFDMA,OFDM
FCC Classification:	Unlicensed National Information Infrastructure(NII)
FCC Rule Part(s):	Part 15.407

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.

REVIEWED BY

Report prepared by : Woong Jin Kim
Engineer of Telecommunication Testing Center

Report approved by : Jong Seok Lee
Manager of Telecommunication Testing Center

The result shown in this test report refer only to the sample(s) tested unless otherwise stated.
This test results were applied only to the test methods required by the standard.

Test Report Statement:
The above Test Report is not related to the accredited test result by (KS Q) ISO/IEC 17025 and KOLAS(Korea Laboratory Accreditation Scheme), which signed the ILAC-MRA.

Version

TEST REPORT NO.	DATE	DESCRIPTION
HCT-RF-2310-FC054	October 17, 2023	- First Approval Report

Table of Contents

1. GENERAL INFORMATION

EUT DESCRIPTION

Model	SM-S926B/DS	
Additional Model	SM-S926B	
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	
Date(s) of Tests	August 30, 2023 ~ October 13, 2023	
Serial number	Radiated: R3CW70NE1WX Conducted : 74189d99fd387ece	

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 6 GHz 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 + 5 GHz WiFi MIMO	on	on	on	on					Scenario1
2.4 GHz WiFi MIMO + 6 GHz WiFi MIMO	on	on			on	on			
Bluetooth ANT.1 + 2.4 GHz WiFi ANT.2 + 5 GHz WiFi MIMO		on	on	on			on		Scenario2
Bluetooth ANT.1 + 2.4 GHz WiFi ANT.2 + 6 GHz WiFi MIMO		on			on	on	on		
Dual Bluetooth + 5 GHz WiFi MIMO			on	on			on	on	Scenario3
Dual Bluetooth + 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)

$$\text{Directional gain(SDM)} = G_{max} + 10 \cdot \log(N_{ANT}/N_{ss}),$$

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

Band	Ant Gain (dBi)		N_{ANT}/N_{ss}	Directional Gain CDD (dBi)	Directional Gain SDM (dBi)
	ANT1	ANT2			
UNII 1	-5.14	-5.33	2 / 2	-2.22	-5.14
UNII 2A	-4.32	-4.76		-1.53	-4.32
UNII 2C	-3.65	-6.28		-1.86	-3.65
UNII 3	-4.06	-5.53		-1.75	-4.06
UNII 4	-4.49	-5.25		-1.85	-4.49

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.

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

$$\text{Directional gain(SDM)} = G_{max} + 10 \cdot \log(N_{ANT}/N_{ss}),$$

Sample Calculation (Conducted Power, MIMO):

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

Ant1 + Ant 2 = MIMO

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

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

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

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

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

2. MAXIMUM OUTPUT POWER

The transmitter has a maximum 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)	15.66	0.037	15.19	0.033	18.44	0.070
	802.11ax(HE40)	15.64	0.037	14.90	0.031	18.30	0.068
	802.11ax(HE80)	15.58	0.036	14.93	0.031	18.28	0.067
UNII2A	802.11ax(HE20)	15.44	0.035	15.31	0.034	18.39	0.069
	802.11ax(HE40)	14.77	0.030	14.98	0.031	17.89	0.061
	802.11ax(HE80)	14.81	0.030	14.90	0.031	17.86	0.061
UNII1&2A	802.11ax(HE160)	15.45	0.035	15.12	0.033	18.30	0.068
UNII2C	802.11ax(HE20)	15.64	0.037	15.05	0.032	18.36	0.069
	802.11ax(HE40)	14.97	0.031	14.75	0.030	17.88	0.061
	802.11ax(HE80)	14.84	0.031	14.64	0.029	17.75	0.060
	802.11ax(HE160)	15.13	0.033	15.40	0.035	18.28	0.067
UNII3	802.11ax(HE20)	15.63	0.037	15.09	0.032	18.38	0.069
	802.11ax(HE40)	15.04	0.032	15.09	0.032	18.08	0.064
	802.11ax(HE80)	15.14	0.033	14.93	0.031	18.05	0.064
UNII4	802.11ax(HE20)	15.59	0.036	15.38	0.035	18.49	0.071
	802.11ax(HE40)	15.35	0.034	14.89	0.031	18.14	0.065
	802.11ax(HE80)	15.06	0.032	14.65	0.029	17.87	0.061
UNII3&4	802.11ax(HE160)	15.21	0.033	14.38	0.027	17.82	0.061

Band	Mode	MIMO_CDD(Ant.1+ Ant.2)	
		(Ant 1 + Ant 2) EIRP Power	
		(dBm)	(W)
UNII4	802.11ax (HE20)	16.64	0.046
	802.11ax (HE40)	16.29	0.043
	802.11ax (HE80)	16.02	0.040
UNII4	802.11ax (HE160)	15.97	0.040

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 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 31, 2022 (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.

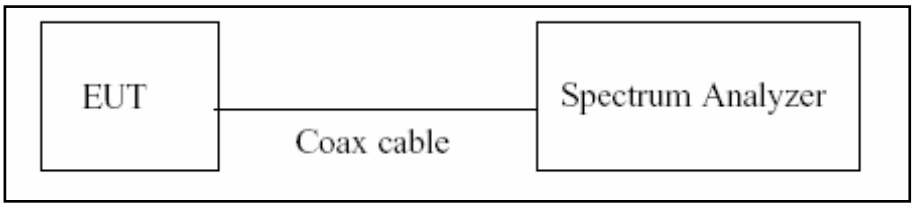
The measurement data shown herein meets or exceeds the U_{CISPR} measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Parameter	Expanded Uncertainty (dB)
Conducted Disturbance (150 kHz ~ 30 MHz)	1.90 (Confidence level about 95 %, k=2)
Radiated Disturbance (9 kHz ~ 30 MHz)	4.14 (Confidence level about 95 %, k=2)
Radiated Disturbance (30 MHz ~ 1 GHz)	5.82 (Confidence level about 95 %, k=2)
Radiated Disturbance (1 GHz ~ 18 GHz)	5.74 (Confidence level about 95 %, k=2)
Radiated Disturbance (18 GHz ~ 40 GHz)	5.76 (Confidence level about 95 %, k=2)
Radiated Disturbance (Above 40 GHz)	5.52 (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.

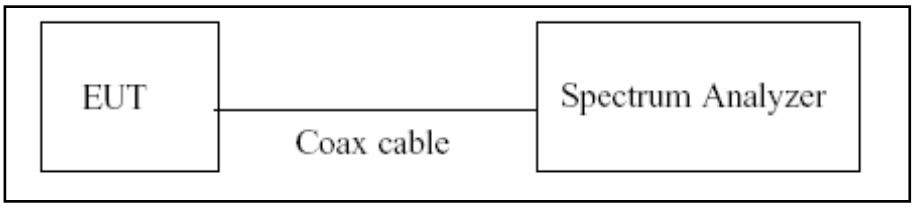
1. RBW = 8 MHz (the largest available value)
2. VBW = 8 MHz (≥ RBW)
3. SPAN = 0 Hz
4. Detector = Peak
5. Number of points in sweep > 100
6. Trace mode = Clear write
7. Measure T_{total} and T_{on}
8. Calculate Duty Cycle = T_{on}/ T_{total} and Duty Cycle Factor = 10log(1/Duty Cycle)

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.

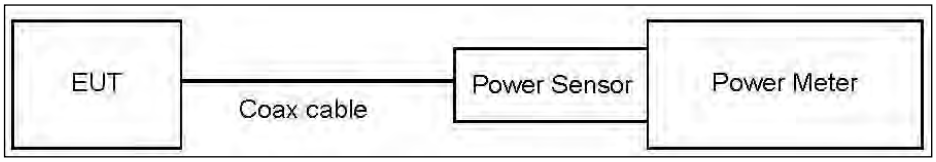
8.3. Output Power Measurement

Limit

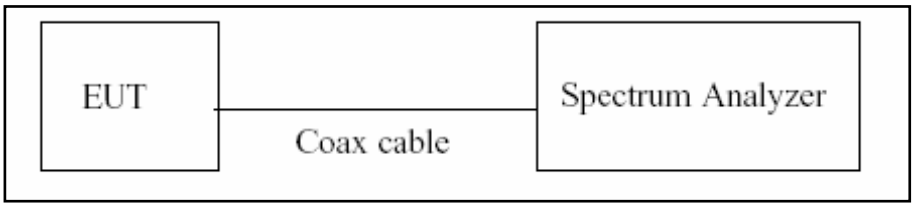
Band	Limit
UNII 1	- Master : Not exceed 1 W(=30 dBm) - Slave : Not exceed 250 mW(=23.98 dBm)
UNII 2A, 2C	Not exceed the lesser of 250 mW or 11 dBm + 10 log B, (where B is the 26 dB emission bandwidth in megahertz.)
UNII 3	Not exceed 1 W(=30 dBm)
UNII 4	EIRP 30 dBm

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(20 dB) + Cable loss + EUT Cable loss(0.75 dB)
   ANT2: Attenuator loss(20 dB) + Cable loss + EUT Cable loss(0.99 dB)
3. Actual value of loss for the attenuator and cable combination is below table.

Band	ANT1 Loss(dB)	ANT2 Loss(dB)
UNII 1	21.59	21.83
UNII 2A	21.59	21.83
UNII 2C	21.59	21.83
UNII 3&4	21.59	21.83

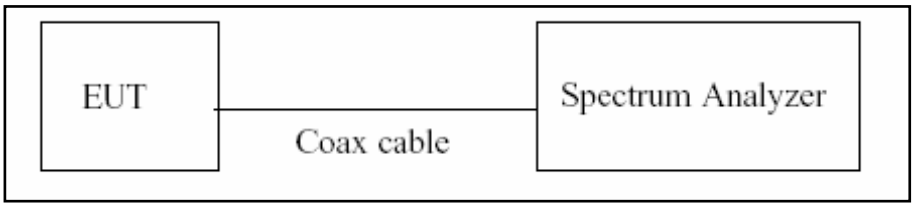
(Actual value of loss for the attenuator and cable combination)

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(20 dB) + Cable loss + EUT Cable loss(0.75 dB)
   ANT2: Attenuator loss(20 dB) + Cable loss + EUT Cable loss(0.99 dB)
3. Actual value of loss for the attenuator and cable combination is below table.

Band	ANT1 Loss(dB)	ANT2 Loss(dB)
UNII 1	21.59	21.83
UNII 2A	21.59	21.83
UNII 2C	21.59	21.83
UNII 3&4	21.59	21.83

(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.

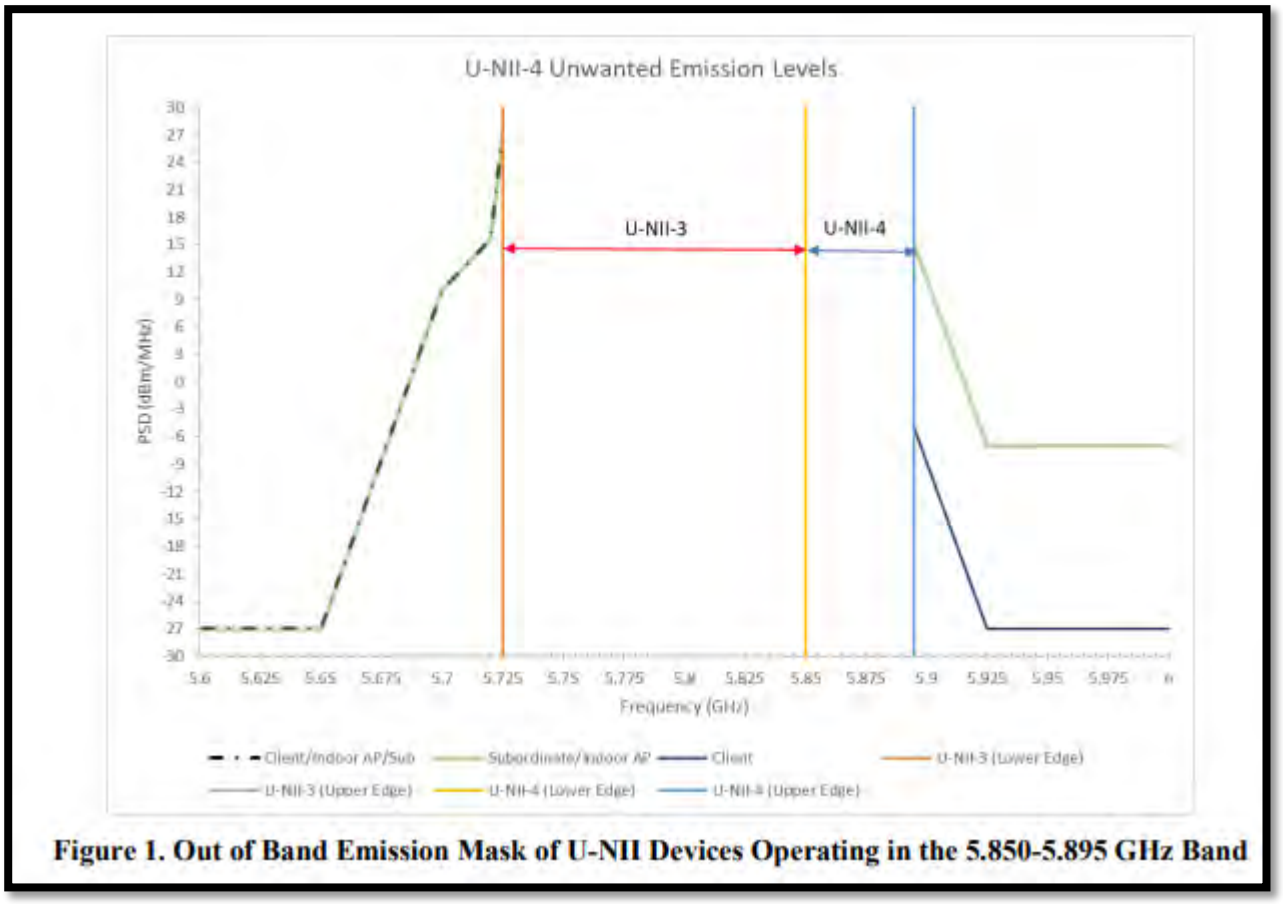


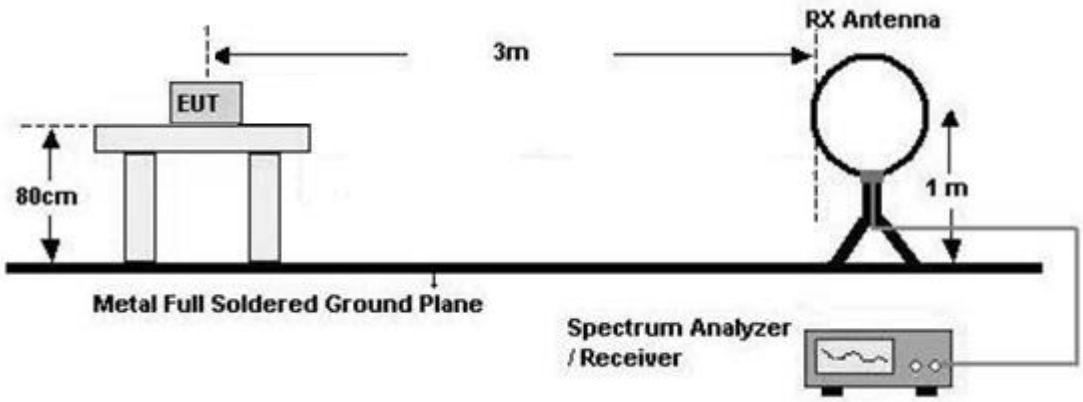
Figure 1. Out of Band Emission Mask of U-NII Devices Operating in the 5.850-5.895 GHz Band

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.

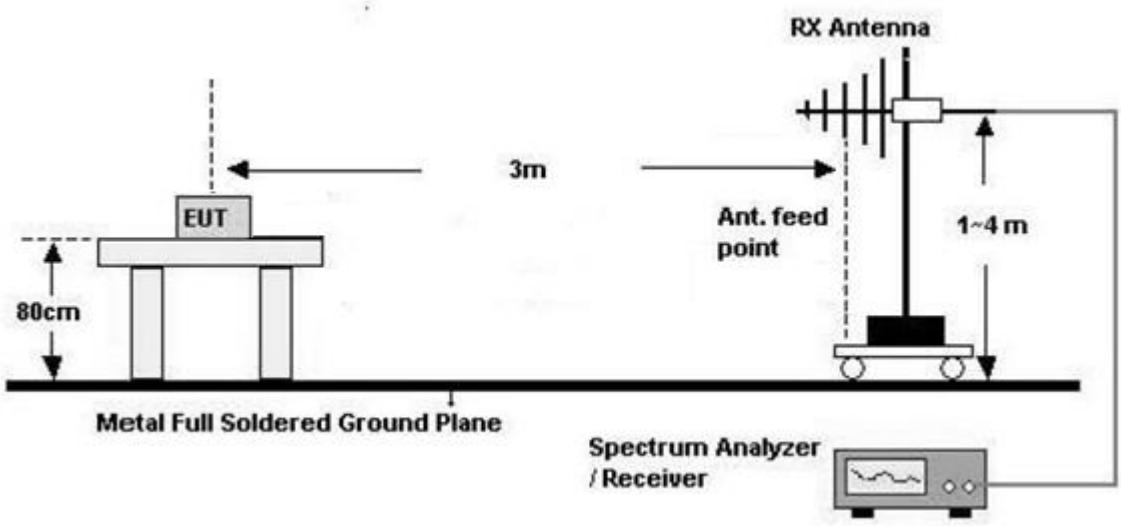
Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Test Configuration

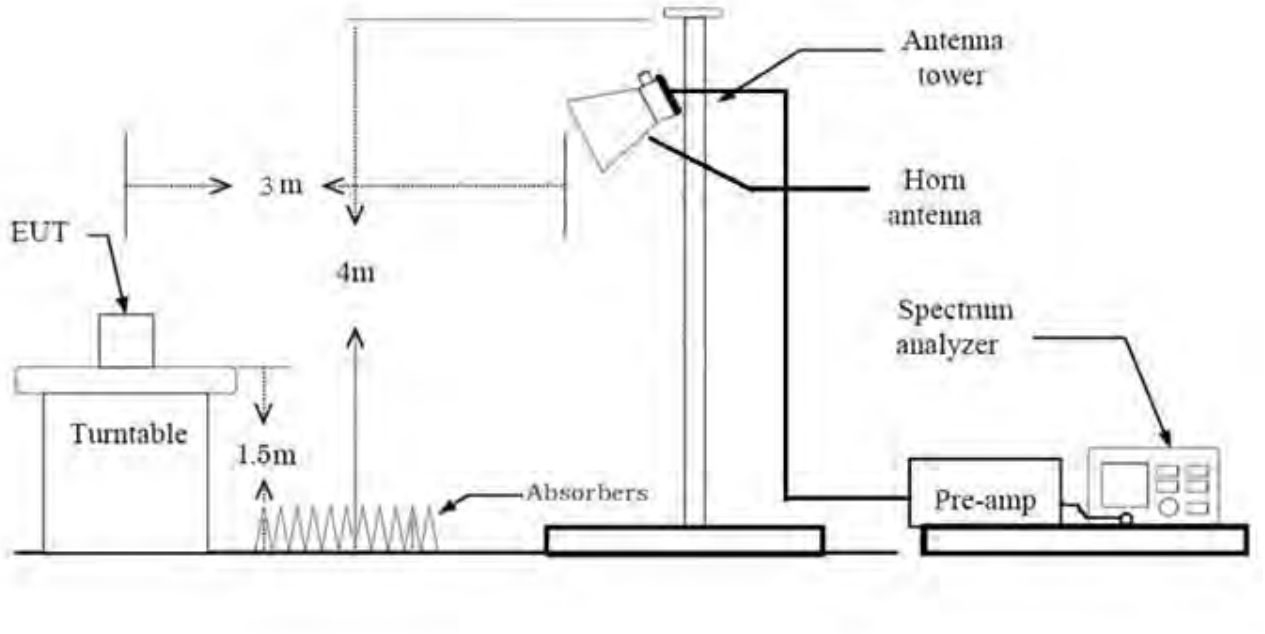
Below 30 MHz



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	0.017	0.218	1000
	52	MCS0	0.996	0.017	0.219	1000
	106	MCS0	0.992	0.035	0.402	1000
	242	MCS0	0.982	0.078	0.891	1000
802.11ax (HE40)	26	MCS0	0.996	0.017	0.218	1000
	52	MCS0	0.996	0.018	0.219	1000
	106	MCS0	0.993	0.031	0.402	1000
	242	MCS0	0.984	0.068	0.891	1000
	484	MCS0	0.974	0.114	1.644	3000
802.11ax (HE80)	26	MCS0	0.996	0.018	0.219	1000
	52	MCS0	0.996	0.018	0.219	1000
	106	MCS0	0.992	0.035	0.402	1000
	242	MCS0	0.984	0.068	0.891	1000
	484	MCS0	0.972	0.125	1.645	3000
	996	MCS0	0.971	0.126	1.666	3000
802.11ax (HE160)	26	MCS0	0.995	0.020	0.219	1000
	52	MCS0	0.996	0.017	0.219	1000
	106	MCS0	0.993	0.031	0.402	1000
	242	MCS0	0.984	0.068	0.891	1000
	484	MCS0	0.972	0.125	1.652	3000
	996	MCS0	0.971	0.126	1.666	3000
	2x996	MCS0	0.997	0.012	0.184	1000
802.11ax (SU)	BW 20	MCS0	0.997	0.015	0.184	1000
	BW 40	MCS0	0.997	0.015	0.184	1000
	BW 80	MCS0	0.997	0.012	0.184	1000
	BW 160	MCS0	0.996	0.016	0.184	1000

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-S926B/DS, SM-S926B were tested and the worst case results are reported.

(Worst case : SM-S926B/DS)

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. EUT Axis
   - Radiated Spurious Emissions : Z
   - Radiated Restricted Band Edge : X
3. All data rate of operation were investigated and the worst case results are reported.

   (Worst case : MCS0)
4. All Antenna of operation were investigated and the worst case results are reported
   - Mode : Ant1+Ant2(SDM), Ant1+Ant2(CDD)
   - Worstcase : Ant1+Ant2(CDD)
5. All position of loop antenna were investigated and the test result is a no critical peak found at all positions.
   - Position : Horizontal, Vertical, Parallel to the ground plane
6. All mode(Tone, RU Offset) of operation were investigated and the worst case configuration results are reported

TEST	TONE	RU OFFSET
RSE	[HE20] WORST CASE : 242T, SU	61, -
	[HE160] WORST CASE : 2x996T, SU	68, -
Band-Edge (UNII1,2A,2C)	[HE20] : 26T, 52T,106T, 242T, SU [HE40] : 26T, 52T, 106T, 242T, 484T, SU [HE80] : 26T, 52T, 106T, 242T, 484T, 996T, SU [HE160] : 26T, 52T, 106T, 242T, 484T, 996T, 2x996T, SU	[HE20] Low Edge: 0, 37, 53, 61 High Edge: 8, 40, 54, 61 [HE40] Low Edge: 0, 37, 53, 61, 65 High Edge: 17, 44, 56, 62, 65 [HE80] Low Edge: 0, 37, 53, 61, 65, 67 High Edge: 36, 52, 60, 64, 66, 67 [HE160_80L] Low Edge: 0, 37, 53, 61, 65, 67 [HE160_80U] High Edge: 36, 52, 60, 64, 66, 67 [HE160]: 68, -
Band-Edge (Straddle)	All supported RU tones were tested, and please refer to the attached test plot reduced to the worst case.	
Band-Edge (UNII3)		
Band-Edge (UNII4)		

7. SM-S926B/DS, SM-S926B were tested and the worst case results are reported.

(Worst case : SM-S926B/DS)

Radiated test(RSDB)

1. Please refer to the [DTS], [BT], [UNII] Test Report.
2. SM-S926B/DS, SM-S926B were tested and the worst case results are reported.

(Worst case : SM-S926B/DS)

AC Power line Conducted Emissions

1. Please refer to the [UNII] Test Report.
2. SM-S926B/DS, SM-S926B were tested and the worst case results are reported.

(Worst case : SM-S926B/DS)

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	4.579	4.597	0.996	0.017
	52	MCS0	4.566	4.585	0.996	0.017
	106	MCS0	2.488	2.508	0.992	0.035
	242	MCS0	1.122	1.143	0.982	0.078
802.11ax (HE40)	26	MCS0	4.579	4.597	0.996	0.017
	52	MCS0	4.564	4.583	0.996	0.018
	106	MCS0	2.490	2.508	0.993	0.031
	242	MCS0	1.122	1.140	0.984	0.068
	484	MCS0	0.608	0.625	0.974	0.114
802.11ax (HE80)	26	MCS0	4.575	4.594	0.996	0.018
	52	MCS0	4.564	4.583	0.996	0.018
	106	MCS0	2.488	2.508	0.992	0.035
	242	MCS0	1.122	1.140	0.984	0.068
	484	MCS0	0.608	0.626	0.972	0.125
	996	MCS0	0.600	0.618	0.971	0.126
802.11ax (HE160)	26	MCS0	4.575	4.597	0.995	0.020
	52	MCS0	4.569	4.588	0.996	0.017
	106	MCS0	2.490	2.508	0.993	0.031
	242	MCS0	1.122	1.140	0.984	0.068
	484	MCS0	0.605	0.623	0.972	0.125
	996	MCS0	0.600	0.618	0.971	0.126
	2x996	MCS0	5.445	5.461	0.997	0.012
802.11ax (SU)	BW 20	MCS0	5.445	5.464	0.997	0.015
	BW 40	MCS0	5.445	5.464	0.997	0.015
	BW 80	MCS0	5.445	5.461	0.997	0.012
	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}
2. Test was performed with continuous Tx.(Duty cycle ≥ 98% Continuous Signal)

10.2 26 dB BANDWIDTH & 99% BANDWIDTH

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

Straddle channel data were added in section 10.6.1.

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	19.37	18.37	19.47	18.110	16.964	18.217
	5200	40	19.50	18.27	19.48	18.133	17.050	17.756
	5240	48	19.50	18.15	19.72	18.137	17.125	18.070
UNII2A	5260	52	19.62	18.28	19.66	18.134	16.907	18.193
	5300	60	19.64	18.12	19.64	18.227	17.054	18.301
	5320	64	19.70	18.09	19.40	18.249	16.835	18.103
UNII2C	5500	100	19.65	18.03	19.63	18.098	16.811	18.076
	5600	120	19.52	18.15	19.53	18.235	16.781	18.203
	5720	144	19.67	18.09	19.43	18.233	16.941	18.059
UNII3	5745	149	19.59	18.23	19.75	18.090	17.041	18.177
	5785	157	19.48	18.25	19.28	18.130	17.206	17.985
	5825	165	19.68	18.39	19.64	18.210	17.221	18.093
UNII4	5845	169	19.87	18.33	19.70	18.215	17.057	18.355
	5865	173	19.77	18.24	19.54	18.236	16.585	18.152
	5885	177	19.53	18.33	19.52	18.152	16.798	18.238

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	19.78	18.64	19.78	18.175	17.160	17.903
	5200	40	20.03	18.29	20.01	18.216	16.793	18.090
	5240	48	20.08	18.34	20.04	17.705	16.617	18.102
UNII2A	5260	52	19.87	18.54	19.94	18.142	17.106	18.139
	5300	60	20.02	18.58	20.04	18.098	17.091	18.123
	5320	64	19.83	18.33	20.15	18.186	16.867	18.162
UNII2C	5500	100	19.85	18.57	20.00	18.247	16.988	18.155
	5600	120	20.11	18.80	19.71	18.188	17.014	18.093
	5720	144	19.91	18.71	20.00	18.184	16.984	18.151
UNII3	5745	149	19.80	18.40	19.98	18.260	17.048	17.823
	5785	157	19.99	18.46	20.03	18.247	17.097	18.138
	5825	165	19.87	18.68	19.82	17.743	17.117	18.208
UNII4	5845	169	20.13	18.32	19.79	17.768	16.589	17.966
	5865	173	19.98	18.72	19.84	18.083	17.095	18.226
	5885	177	20.02	18.79	19.65	18.187	16.964	18.144

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	20.19	-	20.06	18.232	-	18.170
	5200	40	20.20	-	20.08	18.205	-	18.129
	5240	48	20.01	-	19.87	18.013	-	18.197
UNII2A	5260	52	20.15	-	20.10	18.217	-	18.254
	5300	60	20.26	-	20.07	18.172	-	18.156
	5320	64	20.01	-	20.10	18.231	-	18.193
UNII2C	5500	100	20.18	-	20.03	18.215	-	18.064
	5600	120	20.25	-	20.00	18.126	-	18.116
	5720	144	20.26	-	20.02	18.234	-	18.236
UNII3	5745	149	20.03	-	20.01	18.193	-	18.179
	5785	157	20.01	-	20.16	18.218	-	18.258
	5825	165	20.07	-	20.11	18.187	-	18.232
UNII4	5845	169	20.10	-	20.03	18.197	-	18.264
	5865	173	20.10	-	20.18	18.193	-	18.272
	5885	177	20.24	-	20.12	18.160	-	18.154

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	-	-	19.018	-
	5200	40	-	21.17	-	-	19.025	-
	5240	48	-	21.06	-	-	19.024	-
UNII2A	5260	52	-	21.15	-	-	19.025	-
	5300	60	-	21.08	-	-	19.025	-
	5320	64	-	21.13	-	-	19.019	-
UNII2C	5500	100	-	21.09	-	-	19.024	-
	5600	120	-	21.00	-	-	19.032	-
	5720	144	-	20.94	-	-	19.032	-
UNII3	5745	149	-	20.93	-	-	19.032	-
	5785	157	-	21.03	-	-	19.025	-
	5825	165	-	20.92	-	-	19.027	-
UNII4	5845	169	-	20.94	-	-	18.993	-
	5865	173	-	21.09	-	-	19.087	-
	5885	177	-	21.06	-	-	19.015	-

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	-	21.49	-	-	19.013	-
	5200	40	-	21.29	-	-	18.991	-
	5240	48	-	21.30	-	-	19.044	-
UNII2A	5260	52	-	21.25	-	-	19.030	-
	5300	60	-	21.49	-	-	19.028	-
	5320	64	-	21.30	-	-	19.049	-
UNII2C	5500	100	-	21.51	-	-	19.040	-
	5600	120	-	21.28	-	-	19.006	-
	5720	144	-	21.46	-	-	19.013	-
UNII3	5745	149	-	21.30	-	-	19.024	-
	5785	157	-	21.26	-	-	19.038	-
	5825	165	-	21.64	-	-	19.043	-
UNII4	5845	169	-	21.47	-	-	19.014	-
	5865	173	-	21.34	-	-	19.038	-
	5885	177	-	21.52	-	-	19.021	-

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	19.76	22.46	20.31	18.306	20.325	18.298
	5230	46	20.25	21.70	20.09	18.456	20.201	18.244
UNII2A	5270	54	19.79	22.19	20.15	18.332	20.222	18.400
	5310	62	20.01	22.11	20.00	18.080	20.247	18.366
UNII2C	5510	102	20.10	22.48	20.22	18.443	20.526	18.332
	5590	118	20.12	23.19	20.04	18.386	20.713	18.326
	5710	142	19.81	22.26	20.30	18.407	19.908	18.356
UNII3	5755	151	19.91	22.39	19.99	18.315	20.331	18.306
	5795	159	19.79	22.26	20.38	18.299	20.264	18.397
UNII4	5835	167	20.02	21.86	20.25	18.330	19.014	18.288
	5875	175	19.90	22.74	20.25	18.229	20.590	18.404

Mode : HE40 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	20.37	23.19	20.26	18.169	19.915	17.962
	5230	46	23.06	22.64	20.55	18.253	19.675	18.081
UNII2A	5270	54	20.26	23.22	20.67	18.214	19.827	18.254
	5310	62	20.93	23.00	20.63	18.270	20.104	18.180
UNII2C	5510	102	20.27	23.75	20.39	18.114	20.174	18.233
	5590	118	20.87	23.80	20.38	18.086	20.200	17.999
	5710	142	20.68	23.67	22.04	18.054	20.060	18.195
UNII3	5755	151	21.07	22.91	20.38	18.085	19.874	18.061
	5795	159	21.06	23.26	20.64	18.186	19.779	18.098
UNII4	5835	167	21.05	23.53	22.19	18.126	19.967	18.171
	5875	175	20.46	23.22	20.31	18.168	20.033	17.661

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	29.74	28.41	29.38	18.025	19.429	18.033
	5230	46	29.46	28.41	22.58	17.998	19.328	18.072
UNII2A	5270	54	29.70	28.47	25.72	18.034	19.446	18.084
	5310	62	29.95	24.42	25.62	18.041	19.368	18.068
UNII2C	5510	102	29.59	28.48	22.35	18.005	19.233	18.072
	5590	118	29.79	22.84	29.79	18.007	19.276	18.054
	5710	142	25.47	28.48	29.76	18.025	19.701	18.130
UNII3	5755	151	29.75	23.18	29.69	17.952	19.149	18.077
	5795	159	29.90	28.36	29.69	18.016	19.444	17.968
UNII4	5835	167	29.47	28.51	29.61	17.993	19.284	18.138
	5875	175	29.72	28.57	29.66	18.079	19.303	18.036

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	34.32	-	33.37	19.650	-	19.374
	5230	46	33.86	-	33.60	19.685	-	19.379
UNII2A	5270	54	33.73	-	33.23	19.550	-	19.368
	5310	62	33.86	-	33.83	19.628	-	19.473
UNII2C	5510	102	33.85	-	33.43	19.557	-	19.378
	5590	118	33.77	-	33.59	19.565	-	19.497
	5710	142	33.78	-	33.53	19.530	-	19.410
UNII3	5755	151	33.51	-	33.30	19.463	-	19.519
	5795	159	33.74	-	33.53	19.503	-	19.417
UNII4	5835	167	33.72	-	33.52	19.513	-	19.560
	5875	175	33.98	-	33.67	19.513	-	19.703

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	-	41.60	-	-	37.998	-
	5230	46	-	41.82	-	-	37.979	-
UNII2A	5270	54	-	41.73	-	-	38.017	-
	5310	62	-	41.84	-	-	38.011	-
UNII2C	5510	102	-	41.75	-	-	38.009	-
	5590	118	-	41.64	-	-	38.013	-
	5710	142	-	41.88	-	-	38.009	-
UNII3	5755	151	-	41.78	-	-	38.007	-
	5795	159	-	41.76	-	-	38.001	-
UNII4	5835	167	-	41.85	-	-	37.982	-
	5875	175	-	41.87	-	-	38.041	-

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	-	42.26	-	-	37.938	-
	5230	46	-	42.58	-	-	37.952	-
UNII2A	5270	54	-	42.38	-	-	37.959	-
	5310	62	-	42.24	-	-	37.981	-
UNII2C	5510	102	-	42.38	-	-	37.972	-
	5590	118	-	42.40	-	-	37.992	-
	5710	142	-	42.82	-	-	37.983	-
UNII3	5755	151	-	42.37	-	-	37.939	-
	5795	159	-	42.68	-	-	37.970	-
UNII4	5835	167	-	42.45	-	-	37.933	-
	5875	175	-	42.36	-	-	37.962	-

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	22.68	77.76	22.68	19.895	74.777	20.063
UNII2A	5290	58	23.17	78.26	23.21	20.128	74.974	19.965
UNII2C	5530	106	23.26	77.96	21.90	20.216	74.550	19.734
	5610	122	22.41	77.67	22.25	19.859	74.540	20.006
	5690	138	22.95	78.29	22.14	20.242	75.163	19.851
UNII3	5775	155	21.85	78.11	22.73	19.842	74.831	19.893
UNII4	5855	171	22.76	78.04	22.20	20.124	74.624	19.921

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	24.37	25.41	24.41	20.237	20.884	19.556
UNII2A	5290	58	25.66	24.32	25.02	19.039	21.112	19.647
UNII2C	5530	106	24.74	25.23	24.17	19.854	21.255	19.529
	5610	122	25.03	26.02	24.06	19.926	21.106	19.618
	5690	138	23.83	26.23	24.76	20.033	21.541	19.670
UNII3	5775	155	25.56	25.59	24.41	20.146	21.672	19.630
UNII4	5855	171	23.51	26.71	23.84	19.919	21.971	19.900

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	23.82	26.44	24.47	18.914	19.144	18.631
UNII2A	5290	58	24.02	25.70	24.21	18.894	18.810	18.840
UNII2C	5530	106	23.24	25.48	24.54	18.812	19.444	19.013
	5610	122	25.27	25.93	25.09	18.976	19.522	18.951
	5690	138	24.09	23.92	23.75	18.829	19.444	18.918
UNII3	5775	155	23.52	25.01	24.08	19.006	19.427	18.950
UNII4	5855	171	23.72	25.41	23.38	18.739	19.464	18.967

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	33.40	33.14	31.40	21.769	20.888	20.637
UNII2A	5290	58	31.54	33.89	31.79	21.021	21.407	20.768
UNII2C	5530	106	31.66	34.01	31.68	21.398	21.292	20.966
	5610	122	31.40	32.92	33.22	21.278	20.704	20.951
	5690	138	31.49	29.33	35.99	21.062	20.525	22.575
UNII3	5775	155	32.88	33.85	34.54	21.410	21.051	21.587
UNII4	5855	171	31.69	35.53	31.93	20.978	21.779	20.750

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	68.90	-	69.24	44.280	-	40.816
UNII2A	5290	58	69.04	-	69.18	45.449	-	41.539
UNII2C	5530	106	68.78	-	69.33	41.259	-	41.847
	5610	122	69.68	-	69.76	41.189	-	43.461
	5690	138	68.87	-	70.39	41.568	-	43.769
UNII3	5775	155	68.35	-	69.39	41.376	-	43.950
UNII4	5855	171	68.94	-	69.41	40.381	-	44.460

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	-	86.10	-	-	77.633	-
UNII2A	5290	58	-	86.89	-	-	77.674	-
UNII2C	5530	106	-	85.81	-	-	77.674	-
	5610	122	-	86.09	-	-	77.662	-
	5690	138	-	86.22	-	-	77.703	-
UNII3	5775	155	-	86.26	-	-	77.685	-
UNII4	5855	171	-	86.16	-	-	77.702	-

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	-	86.83	-	-	77.795	-
UNII2A	5290	58	-	87.73	-	-	77.741	-
UNII2C	5530	106	-	86.99	-	-	77.843	-
	5610	122	-	87.86	-	-	77.770	-
	5690	138	-	87.70	-	-	77.766	-
UNII3	5775	155	-	86.57	-	-	77.877	-
UNII4	5855	171	-	88.05	-	-	77.779	-

Mode : HE80L									
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	23.93	79.39	29.59	23.192	75.751	27.271
UNII 2C		5570	114	25.14	79.34	26.50	22.501	75.913	25.570
UNII 3-4		5815	163	27.25	78.87	27.66	22.553	75.684	26.295
UNII 1-2A	52T	5250	50	30.00	28.47	28.70	25.429	25.006	25.838
UNII 2C		5570	114	29.74	31.11	28.63	23.590	25.644	26.021
UNII 3-4		5815	163	24.73	32.12	29.29	21.225	26.216	26.136
UNII 1-2A	106T	5250	50	33.75	35.88	37.01	23.243	22.907	24.338
UNII 2C		5570	114	30.95	36.52	33.81	22.181	22.638	23.161
UNII 3-4		5815	163	33.88	34.08	35.50	22.735	22.710	23.936
UNII 1-2A	242T	5250	50	42.29	47.73	39.61	28.049	28.021	24.747
UNII 2C		5570	114	41.35	45.87	40.52	27.026	26.268	24.895
UNII 3-4		5815	163	46.43	48.33	39.85	28.728	25.374	24.912
UNII 1-2A	484T	5250	50	62.86	-	69.52	40.634	-	42.799
UNII 2C		5570	114	60.78	-	70.12	40.832	-	43.038
UNII 3-4		5815	163	60.66	-	72.76	40.345	-	43.443
UNII 1-2A	996T	5250	50	-	106.4	-	-	79.315	-
UNII 2C		5570	114	-	104.7	-	-	78.719	-
UNII 3-4		5815	163	-	98.3	-	-	78.626	-

Mode : HE80U									
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	27.57	79.14	26.04	25.731	75.151	23.037
UNII 2C		5570	114	27.89	78.62	25.59	26.909	75.200	23.087
UNII 3-4		5815	163	28.42	77.81	24.71	26.663	73.744	22.731
UNII 1-2A	52T	5250	50	29.49	32.10	27.73	24.478	27.944	22.088
UNII 2C		5570	114	33.25	32.76	27.21	26.093	29.390	22.614
UNII 3-4		5815	163	31.71	33.64	27.86	26.701	30.300	22.913
UNII 1-2A	106T	5250	50	32.15	34.34	30.78	23.795	24.846	21.541
UNII 2C		5570	114	32.60	31.75	33.22	25.135	25.089	22.151
UNII 3-4		5815	163	29.61	31.20	33.02	23.976	24.746	21.809
UNII 1-2A	242T	5250	50	43.29	45.53	41.72	25.251	26.482	27.870
UNII 2C		5570	114	43.79	51.76	45.22	25.798	28.461	29.919
UNII 3-4		5815	163	43.71	42.01	42.70	25.517	25.360	28.882
UNII 1-2A	484T	5250	50	73.53	-	68.05	43.939	-	45.141
UNII 2C		5570	114	66.77	-	64.35	43.580	-	45.230
UNII 3-4		5815	163	64.49	-	77.11	42.026	-	46.837
UNII 1-2A	996T	5250	50	-	98.28	-	-	78.714	-
UNII 2C		5570	114	-	95.9	-	-	78.552	-
UNII 3-4		5815	163	-	95.63	-	-	78.550	-

Mode : HE160									
Band	Tone	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
				RU Index : Low	RU Index : Low	RU Index : Low	RU Index : Low	RU Index : Low	RU Index : Low
				ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII 1-2A	SU	5250	50	-	175.3	-	-	157.09	-
UNII 2C		5570	114	-	171.5	-	-	156.98	-
UNII 3-4		5815	163	-	173.8	-	-	157.25	-
UNII 1-2A	2x996T	5250	50	-	172.0	-	-	156.92	-
UNII 2C		5570	114	-	172.8	-	-	157.26	-
UNII 3-4		5815	163	-	172.9	-	-	157.13	-

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
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	19.68	18.17	19.61	18.271	16.495	18.207
	5200	40	19.50	18.29	19.52	18.181	16.920	18.228
	5240	48	19.56	18.40	19.56	18.235	16.702	18.206
UNII2A	5260	52	19.55	18.25	19.57	18.191	16.982	18.321
	5300	60	19.73	18.28	19.52	17.864	16.874	18.094
	5320	64	19.65	18.39	19.78	18.278	17.205	18.303
UNII2C	5500	100	19.69	18.21	19.57	17.993	17.026	18.163
	5600	120	19.60	17.50	19.55	18.213	16.410	18.307
	5720	144	19.62	18.20	19.63	18.124	16.420	18.218
UNII3	5745	149	19.69	18.27	19.55	17.956	16.969	18.226
	5785	157	19.70	18.45	19.64	18.154	16.768	18.184
	5825	165	19.74	18.34	19.44	18.194	17.177	18.285
UNII4	5845	169	18.69	18.38	19.64	17.279	17.009	18.004
	5865	173	19.65	18.40	19.55	18.232	16.951	18.284
	5885	177	19.62	18.29	19.71	18.215	17.021	18.319

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	19.72	18.77	19.92	18.128	17.098	18.189
	5200	40	20.12	18.32	19.97	17.896	17.001	18.091
	5240	48	20.06	18.23	20.18	18.205	17.033	18.129
UNII2A	5260	52	19.90	18.45	19.73	18.265	16.930	18.229
	5300	60	20.08	18.29	20.10	18.117	16.954	18.021
	5320	64	19.82	18.51	20.05	17.837	16.656	18.059
UNII2C	5500	100	20.07	18.01	20.03	18.021	16.745	18.139
	5600	120	19.80	18.53	20.05	18.189	16.795	18.276
	5720	144	20.06	18.70	19.87	18.257	16.789	17.956
UNII3	5745	149	19.92	18.48	19.90	18.137	16.931	18.116
	5785	157	19.69	18.49	19.74	18.199	17.063	18.259
	5825	165	19.71	18.44	19.88	18.188	16.922	18.146
UNII4	5845	169	19.90	18.53	19.63	18.243	16.957	17.884
	5865	173	20.03	18.80	20.01	18.110	16.823	18.023
	5885	177	19.68	18.60	19.99	18.141	16.877	17.917

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	20.03	-	20.09	18.220	-	18.288
	5200	40	20.14	-	20.02	18.202	-	18.191
	5240	48	20.27	-	20.04	18.211	-	18.237
UNII2A	5260	52	20.24	-	19.80	18.219	-	18.154
	5300	60	20.13	-	20.17	18.217	-	18.249
	5320	64	20.29	-	20.06	18.225	-	18.291
UNII2C	5500	100	20.03	-	20.08	18.179	-	18.037
	5600	120	20.12	-	20.04	18.210	-	18.220
	5720	144	20.27	-	19.98	18.212	-	18.177
UNII3	5745	149	20.26	-	20.18	18.189	-	18.210
	5785	157	20.24	-	20.21	18.218	-	18.025
	5825	165	20.06	-	20.12	18.240	-	17.782
UNII4	5845	169	20.15	-	20.14	18.189	-	18.189
	5865	173	20.23	-	20.07	18.210	-	18.289
	5885	177	20.15	-	19.83	18.168	-	18.178

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	-	21.11	-	-	19.036	-
	5200	40	-	21.00	-	-	19.030	-
	5240	48	-	21.06	-	-	19.021	-
UNII2A	5260	52	-	21.08	-	-	19.013	-
	5300	60	-	21.08	-	-	19.018	-
	5320	64	-	21.08	-	-	19.020	-
UNII2C	5500	100	-	21.17	-	-	19.031	-
	5600	120	-	20.99	-	-	19.041	-
	5720	144	-	21.07	-	-	19.023	-
UNII3	5745	149	-	20.96	-	-	19.017	-
	5785	157	-	21.01	-	-	18.998	-
	5825	165	-	20.94	-	-	19.013	-
UNII4	5845	169	-	21.04	-	-	19.014	-
	5865	173	-	21.05	-	-	19.085	-
	5885	177	-	21.02	-	-	19.027	-

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	-	21.57	-	-	19.043	-
	5200	40	-	21.40	-	-	19.034	-
	5240	48	-	21.22	-	-	19.032	-
UNII2A	5260	52	-	21.32	-	-	19.028	-
	5300	60	-	21.37	-	-	19.030	-
	5320	64	-	21.34	-	-	19.027	-
UNII2C	5500	100	-	21.36	-	-	19.016	-
	5600	120	-	21.41	-	-	19.023	-
	5720	144	-	21.42	-	-	19.047	-
UNII3	5745	149	-	21.33	-	-	19.026	-
	5785	157	-	21.59	-	-	19.004	-
	5825	165	-	21.37	-	-	19.024	-
UNII4	5845	169	-	21.34	-	-	19.050	-
	5865	173	-	21.56	-	-	19.030	-
	5885	177	-	21.43	-	-	19.030	-

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	20.01	22.05	20.36	18.394	20.141	18.471
	5230	46	20.22	22.39	20.06	18.364	20.491	18.309
UNII2A	5270	54	20.09	22.68	19.75	18.080	20.301	18.205
	5310	62	20.00	22.72	20.22	18.374	20.297	18.375
UNII2C	5510	102	19.56	22.60	20.29	18.002	20.341	18.461
	5590	118	20.22	23.33	19.82	18.396	20.713	17.870
	5710	142	20.13	21.71	20.14	18.409	20.003	18.345
UNII3	5755	151	19.94	22.16	20.10	18.238	19.977	18.327
	5795	159	20.00	22.11	19.97	17.993	20.422	18.336
UNII4	5835	167	19.97	22.40	19.14	18.322	20.195	17.685
	5875	175	20.35	23.33	20.25	18.446	20.508	18.355

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	22.04	23.39	20.75	18.250	19.890	18.229
	5230	46	20.41	23.35	20.61	18.141	19.820	18.183
UNII2A	5270	54	21.02	23.29	20.59	18.198	19.538	18.156
	5310	62	20.45	23.44	20.33	18.238	19.862	18.146
UNII2C	5510	102	20.54	23.66	20.39	18.128	20.068	18.096
	5590	118	20.83	23.70	20.40	18.079	19.934	18.069
	5710	142	20.67	23.62	22.76	18.105	19.944	18.152
UNII3	5755	151	22.08	23.34	20.56	18.268	19.689	18.284
	5795	159	20.92	23.39	20.56	18.106	19.959	18.209
UNII4	5835	167	20.81	23.15	20.22	18.172	19.928	18.174
	5875	175	20.89	22.81	20.46	18.193	20.323	18.218

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	29.73	28.33	29.58	17.998	19.365	18.128
	5230	46	29.82	28.70	29.61	18.025	19.211	18.052
UNII2A	5270	54	25.52	28.37	29.75	18.036	19.156	18.068
	5310	62	29.53	28.43	22.81	17.991	19.369	18.103
UNII2C	5510	102	29.66	28.56	23.31	17.998	19.321	18.093
	5590	118	29.69	28.16	29.64	18.000	19.160	18.052
	5710	142	29.50	28.23	25.60	18.027	19.799	18.077
UNII3	5755	151	29.74	28.67	29.74	17.957	19.414	18.107
	5795	159	29.84	28.43	23.13	17.986	19.319	18.095
UNII4	5835	167	29.53	28.30	29.71	17.945	19.396	18.059
	5875	175	29.37	28.60	29.39	17.989	19.345	18.060

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	33.79	-	33.49	19.589	-	19.381
	5230	46	33.48	-	33.58	19.527	-	19.408
UNII2A	5270	54	33.55	-	33.57	19.564	-	19.488
	5310	62	33.81	-	33.76	19.620	-	19.422
UNII2C	5510	102	34.10	-	33.35	19.509	-	19.430
	5590	118	33.80	-	33.57	19.501	-	19.480
	5710	142	33.74	-	33.17	19.467	-	19.487
UNII3	5755	151	33.85	-	33.36	19.599	-	19.458
	5795	159	33.75	-	33.47	19.513	-	19.486
UNII4	5835	167	33.65	-	33.36	19.587	-	19.524
	5875	175	33.94	-	32.91	19.473	-	19.692

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	-	41.71	-	-	38.019	-
	5230	46	-	41.71	-	-	38.021	-
UNII2A	5270	54	-	41.82	-	-	38.024	-
	5310	62	-	41.54	-	-	38.025	-
UNII2C	5510	102	-	41.85	-	-	38.018	-
	5590	118	-	41.67	-	-	37.982	-
	5710	142	-	41.85	-	-	38.027	-
UNII3	5755	151	-	41.81	-	-	37.989	-
	5795	159	-	41.80	-	-	38.006	-
UNII4	5835	167	-	41.76	-	-	38.013	-
	5875	175	-	41.84	-	-	38.018	-

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	-	42.87	-	-	38.000	-
	5230	46	-	42.59	-	-	37.961	-
UNII2A	5270	54	-	42.70	-	-	37.961	-
	5310	62	-	42.72	-	-	37.985	-
UNII2C	5510	102	-	42.90	-	-	38.005	-
	5590	118	-	42.72	-	-	37.971	-
	5710	142	-	42.42	-	-	37.939	-
UNII3	5755	151	-	42.50	-	-	37.968	-
	5795	159	-	42.64	-	-	37.996	-
UNII4	5835	167	-	42.04	-	-	37.951	-
	5875	175	-	42.00	-	-	37.966	-

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	22.95	78.18	23.03	20.125	74.573	20.004
UNII2A	5290	58	22.14	78.19	21.98	20.160	74.828	19.732
UNII2C	5530	106	21.87	77.64	22.92	19.746	74.844	20.051
	5610	122	22.21	78.53	22.51	19.716	74.970	20.034
	5690	138	22.92	78.21	21.36	20.019	75.237	19.624
UNII3	5775	155	22.52	78.13	22.99	20.054	74.877	20.031
UNII4	5855	171	22.25	78.04	23.64	20.184	74.892	20.305

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	24.61	25.09	23.70	20.055	21.137	19.498
UNII2A	5290	58	25.39	25.84	24.04	20.253	21.320	19.527
UNII2C	5530	106	24.09	25.48	24.27	20.080	21.426	19.598
	5610	122	24.73	26.00	24.02	20.232	21.441	19.387
	5690	138	24.74	26.47	24.26	20.104	21.577	19.692
UNII3	5775	155	25.17	25.67	23.30	20.293	21.348	19.434
UNII4	5855	171	25.31	25.96	24.31	20.075	21.664	19.772

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	23.75	24.79	23.63	18.977	19.347	18.847
UNII2A	5290	58	23.00	24.94	24.02	18.861	19.416	19.035
UNII2C	5530	106	23.80	25.61	24.45	18.774	19.575	18.987
	5610	122	23.29	24.64	24.42	18.964	19.325	19.071
	5690	138	24.57	27.05	24.73	18.922	19.302	18.929
UNII3	5775	155	24.75	26.19	24.15	18.951	19.666	18.887
UNII4	5855	171	24.58	25.35	24.06	18.787	19.132	18.771

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	32.65	32.90	31.60	21.310	20.908	20.918
UNII2A	5290	58	31.26	34.00	30.89	20.799	21.017	20.843
UNII2C	5530	106	31.62	34.56	32.53	21.285	20.992	21.097
	5610	122	32.31	32.11	32.51	21.389	20.574	21.327
	5690	138	31.56	29.54	36.06	21.186	20.490	22.762
UNII3	5775	155	33.35	33.51	34.89	21.736	20.915	21.413
UNII4	5855	171	32.21	35.11	31.33	21.201	21.677	20.996

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	68.93	-	69.13	42.464	-	42.586
UNII2A	5290	58	68.96	-	68.99	41.283	-	42.809
UNII2C	5530	106	68.56	-	69.17	40.069	-	43.635
	5610	122	69.21	-	69.64	40.907	-	44.024
	5690	138	68.20	-	70.15	41.900	-	43.706
UNII3	5775	155	68.17	-	69.77	41.989	-	43.743
UNII4	5855	171	69.23	-	69.24	41.700	-	43.593

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	-	86.90	-	-	77.663	-
UNII2A	5290	58	-	86.54	-	-	77.673	-
UNII2C	5530	106	-	86.71	-	-	77.646	-
	5610	122	-	86.57	-	-	77.646	-
	5690	138	-	86.59	-	-	77.636	-
UNII3	5775	155	-	86.66	-	-	77.618	-
UNII4	5855	171	-	86.59	-	-	77.619	-

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	-	87.37	-	-	77.788	-
UNII2A	5290	58	-	86.94	-	-	77.819	-
UNII2C	5530	106	-	87.30	-	-	77.824	-
	5610	122	-	86.77	-	-	77.789	-
	5690	138	-	86.80	-	-	77.710	-
UNII3	5775	155	-	87.45	-	-	77.777	-
UNII4	5855	171	-	87.95	-	-	77.718	-

Mode : HE80L									
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	26.76	79.27	25.53	22.519	76.026	25.989
UNII 2C		5570	114	25.92	79.22	28.54	22.508	75.664	26.536
UNII 3-4		5815	163	24.60	78.58	29.35	21.739	74.712	26.509
UNII 1-2A	52T	5250	50	28.18	29.14	31.22	23.137	25.195	26.076
UNII 2C		5570	114	30.21	28.89	30.01	23.191	25.058	26.492
UNII 3-4		5815	163	27.48	29.03	31.90	22.963	23.817	27.211
UNII 1-2A	106T	5250	50	33.05	31.55	34.85	23.113	22.753	23.317
UNII 2C		5570	114	30.19	32.91	36.08	22.090	23.484	24.167
UNII 3-4		5815	163	33.70	31.04	35.95	22.498	22.569	23.682
UNII 1-2A	242T	5250	50	41.47	48.83	42.01	26.511	26.609	25.260
UNII 2C		5570	114	41.47	45.22	39.96	26.236	26.246	25.393
UNII 3-4		5815	163	46.26	46.93	42.03	29.289	25.713	25.678
UNII 1-2A	484T	5250	50	62.56	-	69.15	40.397	-	42.776
UNII 2C		5570	114	61.88	-	70.61	40.512	-	42.803
UNII 3-4		5815	163	62.35	-	69.89	40.148	-	42.967
UNII 1-2A	996T	5250	50	-	110.8	-	-	79.130	-
UNII 2C		5570	114	-	110.7	-	-	79.259	-
UNII 3-4		5815	163	-	107.9	-	-	79.077	-

Mode : HE80U									
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	26.63	79.07	25.69	25.906	75.524	23.761
UNII 2C		5570	114	27.62	79.13	24.24	27.017	75.010	24.101
UNII 3-4		5815	163	29.73	79.12	24.61	27.173	75.511	24.836
UNII 1-2A	52T	5250	50	34.61	32.05	29.62	26.240	28.393	23.349
UNII 2C		5570	114	30.13	30.18	27.54	27.057	28.911	23.244
UNII 3-4		5815	163	34.18	32.10	28.73	26.737	28.746	22.721
UNII 1-2A	106T	5250	50	33.64	34.99	33.01	24.253	25.182	22.462
UNII 2C		5570	114	35.97	35.93	32.03	25.157	25.405	22.522
UNII 3-4		5815	163	31.11	34.37	34.12	23.662	25.111	21.630
UNII 1-2A	242T	5250	50	44.11	48.75	42.58	25.236	27.532	28.809
UNII 2C		5570	114	43.93	50.43	46.51	25.199	27.588	30.313
UNII 3-4		5815	163	43.26	42.82	43.39	25.565	25.439	29.137
UNII 1-2A	484T	5250	50	72.78	-	71.63	43.432	-	47.204
UNII 2C		5570	114	70.05	-	65.03	42.761	-	46.495
UNII 3-4		5815	163	69.27	-	69.99	42.781	-	45.981
UNII 1-2A	996T	5250	50	-	101.26	-	-	78.572	-
UNII 2C		5570	114	-	98.6	-	-	78.563	-
UNII 3-4		5815	163	-	101.43	-	-	78.596	-

Mode : HE160									
Band	Tone	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
				RU Index : Low	RU Index : Low	RU Index : Low	RU Index : Low	RU Index : Low	RU Index : Low
				ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII 1-2A	SU	5250	50	-	171.9	-	-	156.99	-
UNII 2C		5570	114	-	169.0	-	-	157.02	-
UNII 3-4		5815	163	-	171.8	-	-	157.21	-
UNII 1-2A	2x996T	5250	50	-	172.8	-	-	157.10	-
UNII 2C		5570	114	-	171.3	-	-	157.04	-
UNII 3-4		5815	163	-	171.6	-	-	157.05	-

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	2.056	2.707	2.088
		5785	157	2.106	2.670	2.113
		5825	165	2.079	2.665	2.076
UNII4		5845	169	2.064	2.673	2.043
		5865	173	2.081	2.632	2.081
		5885	177	2.098	2.621	2.062
UNII3	52T	5745	149	17.03	13.86	17.04
		5785	157	17.08	15.05	15.84
		5825	165	14.56	14.99	17.00
UNII4		5845	169	17.06	15.10	17.05
		5865	173	17.07	15.10	17.03
		5885	177	17.00	15.04	17.02
UNII3	106T	5745	149	17.16	-	17.39
		5785	157	17.20	-	17.34
		5825	165	17.17	-	17.38
UNII4		5845	169	17.18	-	17.40
		5865	173	17.18	-	17.38
		5885	177	18.14	-	17.39
UNII3	242T	5745	149	-	19.08	-
		5785	157	-	19.08	-
		5825	165	-	19.08	-
UNII4		5845	169	-	19.07	-
		5865	173	-	19.05	-
		5885	177	-	19.09	-
UNII3	SUT	5745	149	-	19.04	-
		5785	157	-	19.05	-
		5825	165	-	19.07	-
UNII4		5845	169	-	19.10	-
		5865	173	-	19.10	-
		5885	177	-	19.06	-

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	2.133	2.061	2.097
		5795	159	2.142	2.111	2.154
UNII4		5835	167	2.162	2.113	2.122
		5875	175	2.135	2.089	2.140
UNII3	52T	5755	151	16.62	17.31	15.37
		5795	159	16.62	17.34	15.42
UNII4		5835	167	16.56	17.35	16.53
		5875	175	16.61	17.37	15.38
UNII3	106T	5755	151	16.65	17.55	16.69
		5795	159	16.66	17.39	16.67
UNII4		5835	167	16.69	17.52	16.67
		5875	175	16.66	17.32	16.68
UNII3	242T	5755	151	18.90	-	18.88
		5795	159	18.91	-	18.91
UNII4		5835	167	18.86	-	18.88
		5875	175	18.90	-	18.88
UNII3	484T	5755	151	-	38.26	-
		5795	159	-	38.28	-
UNII4		5835	167	-	38.26	-
		5875	175	-	38.30	-
UNII3	SU	5755	151	-	38.16	-
		5795	159	-	38.22	-
UNII4		5835	167	-	38.20	-
		5875	175	-	38.24	-

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	2.232	2.824	2.234
UNII4		5855	171	2.233	2.862	2.269
UNII3	52T	5775	155	14.22	13.80	15.53
UNII4		5855	171	16.70	16.34	16.63
UNII3	106T	5775	155	16.82	16.43	16.93
UNII4		5855	171	16.83	16.34	16.88
UNII3	242T	5775	155	18.97	18.95	18.94
UNII4		5855	171	18.96	18.96	18.91
UNII3	484T	5775	155	37.90	-	37.91
UNII4		5855	171	37.88	-	37.99
UNII3	996T	5775	155	-	77.92	-
UNII4		5855	171	-	77.95	-
UNII3	SU	5775	155	-	78.27	-
UNII4		5855	171	-	78.28	-

Mode : HE80L						
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	2.393	3.038	2.559
UNII 3-4	52T	5815	163	15.67	14.08	16.93
UNII 3-4	106T	5815	163	17.88	16.70	17.17
UNII 3-4	242T	5815	163	19.18	19.08	19.16
UNII 3-4	484T	5815	163	37.87	-	37.89
UNII 3-4	996T	5815	163	-	37.94	-

Mode : HE80U						
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	2.383	3.046	2.417
UNII 3-4	52T	5815	163	10.53	13.97	11.73
UNII 3-4	106T	5815	163	17.13	17.44	17.11
UNII 3-4	242T	5815	163	19.13	19.05	19.12
UNII 3-4	484T	5815	163	37.91	-	37.89
UNII 3-4	996T	5815	163	-	37.91	-

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	-	158.2	-
UNII 3-4	2x996T	5815	163	-	158.4	-

10.3.2 Ant. 2

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	2.085	2.619	2.043
		5785	157	2.065	2.700	2.053
		5825	165	2.066	2.704	2.110
UNII4		5845	169	2.078	2.626	2.125
		5865	173	2.093	2.692	2.050
		5885	177	2.074	2.682	2.082
UNII3	52T	5745	149	17.11	13.88	16.98
		5785	157	17.06	15.09	16.98
		5825	165	17.08	12.62	15.81
UNII4		5845	169	17.10	15.13	14.58
		5865	173	17.07	15.09	17.00
		5885	177	17.06	13.87	16.98
UNII3	106T	5745	149	17.19	-	17.17
		5785	157	17.20	-	17.39
		5825	165	17.20	-	17.35
UNII4		5845	169	17.18	-	17.39
		5865	173	17.19	-	17.38
		5885	177	17.18	-	17.39
UNII3	242T	5745	149	-	19.09	-
		5785	157	-	19.08	-
		5825	165	-	19.08	-
UNII4		5845	169	-	19.07	-
		5865	173	-	19.08	-
		5885	177	-	19.08	-
UNII3	SUT	5745	149	-	19.04	-
		5785	157	-	19.10	-
		5825	165	-	19.04	-
UNII4		5845	169	-	19.03	-
		5865	173	-	19.05	-
		5885	177	-	19.05	-

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	2.122	2.069	2.105
		5795	159	2.155	2.111	2.151
UNII4		5835	167	2.129	2.091	2.140
		5875	175	2.135	2.111	2.140
UNII3	52T	5755	151	16.62	17.34	7.841
		5795	159	16.63	17.35	16.61
UNII4		5835	167	16.62	17.37	16.60
		5875	175	16.61	16.11	15.39
UNII3	106T	5755	151	16.69	17.52	16.68
		5795	159	16.70	17.39	16.65
UNII4		5835	167	16.67	17.55	16.66
		5875	175	16.65	17.53	16.65
UNII3	242T	5755	151	18.88	-	18.89
		5795	159	18.90	-	18.89
UNII4		5835	167	18.91	-	18.87
		5875	175	18.87	-	18.88
UNII3	484T	5755	151	-	38.28	-
		5795	159	-	38.27	-
UNII4		5835	167	-	38.26	-
		5875	175	-	38.30	-
UNII3	SU	5755	151	-	38.22	-
		5795	159	-	38.26	-
UNII4		5835	167	-	38.25	-
		5875	175	-	38.23	-

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	2.233	2.794	2.269
UNII4		5855	171	2.250	2.860	2.238
UNII3	52T	5775	155	16.76	14.99	14.20
UNII4		5855	171	16.75	13.82	16.75
UNII3	106T	5775	155	16.69	16.49	16.90
UNII4		5855	171	16.70	16.50	16.87
UNII3	242T	5775	155	18.97	18.95	18.94
UNII4		5855	171	18.96	18.97	18.95
UNII3	484T	5775	155	37.94	-	37.91
UNII4		5855	171	37.93	-	37.90
UNII3	996T	5775	155	-	77.96	-
UNII4		5855	171	-	77.95	-
UNII3	SU	5775	155	-	78.31	-
UNII4		5855	171	-	78.34	-

Mode : HE80L						
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	2.391	3.036	2.450
UNII 3-4	52T	5815	163	14.35	15.23	14.38
UNII 3-4	106T	5815	163	17.06	16.71	17.14
UNII 3-4	242T	5815	163	19.13	19.12	19.18
UNII 3-4	484T	5815	163	37.89	-	37.88
UNII 3-4	996T	5815	163	-	37.88	-

Mode : HE80U						
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	2.400	3.029	2.528
UNII 3-4	52T	5815	163	16.95	5.349	15.65
UNII 3-4	106T	5815	163	17.13	17.45	17.16
UNII 3-4	242T	5815	163	19.16	19.09	19.15
UNII 3-4	484T	5815	163	38.01	-	37.88
UNII 3-4	996T	5815	163	-	37.92	-

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	-	158.2	-
UNII 3-4	2x996T	5815	163	-	158.3	-

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(Ant1+Ant2)

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	9.68	9.50	12.60	9.46	9.18	12.33	9.96	9.56	12.78	-	-
	5200	40	9.76	9.73	12.75	9.51	9.35	12.44	10.04	9.70	12.88	-	-
	5240	48	9.46	8.24	11.90	9.19	7.86	11.58	9.64	8.22	12.00	-	-
UNII2A	5260	52	9.00	9.78	12.42	8.66	9.34	12.02	9.15	9.67	12.43	-	-
	5300	60	9.66	9.78	12.73	9.38	9.30	12.35	9.84	9.60	12.73	-	-
	5320	64	7.69	9.63	11.78	7.36	9.22	11.40	7.83	9.58	11.80	-	-
UNII2C	5500	100	8.35	9.56	12.01	7.89	9.12	11.56	8.18	9.35	11.82	-	-
	5600	120	9.58	9.63	12.62	9.08	9.13	12.12	9.38	9.36	12.38	-	-
	5720	144	9.90	9.56	12.74	9.40	9.02	12.23	9.70	9.27	12.50	-	-
UNII3	5745	149	11.61	11.88	14.76	11.16	11.51	14.35	11.45	11.88	14.68	-	-
	5785	157	11.56	11.94	14.76	11.09	11.47	14.29	11.32	11.77	14.56	-	-
	5825	165	11.62	11.78	14.71	11.26	11.42	14.35	11.63	11.83	14.75	-	-
UNII4	5845	169	11.67	11.81	14.75	11.22	11.44	14.34	11.45	11.86	14.67	-1.85	12.90
	5865	173	11.68	11.76	14.73	11.18	11.40	14.30	11.51	11.82	14.68	-1.85	12.88
	5885	177	11.62	11.93	14.79	11.20	11.54	14.38	11.60	11.87	14.75	-1.85	12.94

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	12.29	12.65	15.48	12.15	12.46	15.32	12.52	12.68	15.61	-	-
	5200	40	12.31	12.83	15.59	12.20	12.63	15.43	12.61	12.80	15.72	-	-
	5240	48	12.87	11.78	15.37	12.73	11.58	15.20	13.03	11.76	15.45	-	-
UNII2A	5260	52	11.93	12.85	15.42	11.72	12.64	15.21	12.07	12.77	15.45	-	-
	5300	60	12.89	12.78	15.85	12.76	12.54	15.66	13.09	12.64	15.88	-	-
	5320	64	10.01	12.70	14.57	9.81	12.44	14.33	10.08	12.61	14.53	-	-
UNII2C	5500	100	11.71	12.67	15.23	11.45	12.43	14.98	11.55	12.50	15.06	-	-
	5600	120	12.42	12.83	15.64	12.16	12.57	15.38	12.12	12.59	15.37	-	-
	5720	144	12.71	12.60	15.67	12.46	12.35	15.42	12.55	12.36	15.47	-	-
UNII3	5745	149	14.61	14.30	17.47	14.38	14.11	17.26	14.47	14.31	17.40	-	-
	5785	157	14.54	14.38	17.47	14.25	14.12	17.19	14.29	14.19	17.25	-	-
	5825	165	14.61	14.06	17.36	14.39	13.86	17.14	14.60	14.11	17.37	-	-
UNII4	5845	169	14.68	14.11	17.41	14.43	13.90	17.18	14.47	14.12	17.31	-1.85	15.56
	5865	173	14.58	14.08	17.35	14.33	13.88	17.12	14.47	14.10	17.30	-1.85	15.50
	5885	177	14.68	14.52	17.61	14.49	14.31	17.41	14.75	14.45	17.61	-1.85	15.76

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	15.23	15.15	18.20	-	-	-	15.40	15.18	18.30	-	-
	5200	40	15.28	15.36	18.33	-	-	-	15.48	15.34	18.42	-	-
	5240	48	14.83	14.35	17.61	-	-	-	14.93	14.33	17.65	-	-
UNII2A	5260	52	15.35	15.39	18.38	-	-	-	15.44	15.31	18.39	-	-
	5300	60	15.25	15.37	18.32	-	-	-	15.35	15.26	18.32	-	-
	5320	64	14.74	15.35	18.07	-	-	-	14.85	15.29	18.09	-	-
UNII2C	5500	100	15.34	15.26	18.31	-	-	-	15.24	15.13	18.20	-	-
	5600	120	15.42	14.88	18.17	-	-	-	15.28	14.72	18.02	-	-
	5720	144	15.64	15.05	18.36	-	-	-	15.55	14.88	18.24	-	-
UNII3	5745	149	15.63	15.09	18.38	-	-	-	15.52	15.11	18.33	-	-
	5785	157	15.27	15.15	18.23	-	-	-	15.12	15.03	18.08	-	-
	5825	165	15.49	14.97	18.25	-	-	-	15.46	15.00	18.25	-	-
UNII4	5845	169	15.49	15.00	18.26	-	-	-	15.29	15.01	18.16	-1.85	16.41
	5865	173	15.36	14.97	18.18	-	-	-	15.25	14.99	18.13	-1.85	16.33
	5885	177	15.51	15.43	18.48	-	-	-	15.59	15.38	18.49	-1.85	16.64

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	-	-	-	15.13	15.06	18.11	-	-	-	-	-
	5200	40	-	-	-	15.19	15.24	18.22	-	-	-	-	-
	5240	48	-	-	-	15.66	15.19	18.44	-	-	-	-	-
UNII2A	5260	52	-	-	-	15.22	15.25	18.25	-	-	-	-	-
	5300	60	-	-	-	15.12	15.22	18.18	-	-	-	-	-
	5320	64	-	-	-	14.64	15.22	17.95	-	-	-	-	-
UNII2C	5500	100	-	-	-	15.11	15.09	18.11	-	-	-	-	-
	5600	120	-	-	-	15.17	14.70	17.95	-	-	-	-	-
	5720	144	-	-	-	15.48	14.86	18.19	-	-	-	-	-
UNII3	5745	149	-	-	-	15.47	15.00	18.25	-	-	-	-	-
	5785	157	-	-	-	15.05	14.98	18.02	-	-	-	-	-
	5825	165	-	-	-	15.33	14.87	18.11	-	-	-	-	-
UNII4	5845	169	-	-	-	15.25	14.90	18.09	-	-	-	-1.85	16.24
	5865	173	-	-	-	15.12	14.87	18.01	-	-	-	-1.85	16.16
	5885	177	-	-	-	15.37	15.29	18.34	-	-	-	-1.85	16.49

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	-	-	-	14.74	14.74	17.75	-	-	-	-	-
	5200	40	-	-	-	14.81	14.93	17.88	-	-	-	-	-
	5240	48	-	-	-	15.29	14.87	18.10	-	-	-	-	-
UNII2A	5260	52	-	-	-	14.84	14.90	17.88	-	-	-	-	-
	5300	60	-	-	-	14.73	14.87	17.81	-	-	-	-	-
	5320	64	-	-	-	14.20	14.86	17.56	-	-	-	-	-
UNII2C	5500	100	-	-	-	14.71	14.77	17.75	-	-	-	-	-
	5600	120	-	-	-	14.81	14.37	17.61	-	-	-	-	-
	5720	144	-	-	-	15.13	14.54	17.85	-	-	-	-	-
UNII3	5745	149	-	-	-	15.12	14.68	17.91	-	-	-	-	-
	5785	157	-	-	-	14.69	14.63	17.67	-	-	-	-	-
	5825	165	-	-	-	14.94	14.54	17.75	-	-	-	-	-
UNII4	5845	169	-	-	-	14.86	14.57	17.73	-	-	-	-1.85	15.88
	5865	173	-	-	-	14.74	14.54	17.65	-	-	-	-1.85	15.80
	5885	177	-	-	-	14.96	14.97	17.98	-	-	-	-1.85	16.13

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	9.02	8.82	11.93	8.82	8.66	11.75	9.30	8.79	12.07	-	-
	5230	46	10.16	8.90	12.59	10.02	8.82	12.47	10.43	8.97	12.77	-	-
UNII2A	5270	54	8.25	9.19	11.76	7.99	8.98	11.53	8.33	9.06	11.72	-	-
	5310	62	9.16	9.14	12.16	8.87	8.82	11.85	9.18	8.93	12.07	-	-
UNII2C	5510	102	9.11	9.18	12.16	8.83	8.89	11.87	8.92	8.88	11.91	-	-
	5590	118	8.81	9.14	11.99	8.55	8.95	11.77	8.52	8.84	11.69	-	-
	5710	142	9.29	7.63	11.55	9.07	7.45	11.35	9.09	7.38	11.33	-	-
UNII3	5755	151	11.20	11.71	14.47	11.01	11.51	14.28	10.87	11.64	14.29	-	-
	5795	159	11.18	11.69	14.45	10.82	11.35	14.10	10.92	11.37	14.16	-	-
UNII4	5835	167	11.12	11.38	14.26	10.97	11.17	14.08	10.93	11.28	14.12	-1.85	12.41
	5875	175	11.14	12.05	14.63	10.84	11.89	14.40	11.01	11.93	14.50	-1.85	12.78

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	11.60	11.98	14.80	11.47	11.82	14.66	11.92	11.99	14.97	-	-
	5230	46	12.22	12.10	15.17	12.10	11.96	15.04	12.45	12.15	15.32	-	-
UNII2A	5270	54	11.21	12.21	14.75	10.96	12.00	14.52	11.31	12.09	14.73	-	-
	5310	62	12.45	12.22	15.35	12.21	11.90	15.07	12.49	12.04	15.28	-	-
UNII2C	5510	102	12.05	12.50	15.29	11.74	12.28	15.02	11.83	12.27	15.06	-	-
	5590	118	11.66	12.50	15.11	11.41	12.31	14.89	11.43	12.28	14.88	-	-
	5710	142	12.07	8.53	13.66	11.81	7.23	13.11	11.86	6.88	13.06	-	-
UNII3	5755	151	14.00	13.99	17.01	13.76	13.82	16.80	13.70	13.99	16.86	-	-
	5795	159	14.01	13.99	17.01	13.64	13.67	16.67	13.80	13.72	16.77	-	-
UNII4	5835	167	14.07	13.75	16.92	13.86	13.54	16.71	13.84	13.69	16.78	-1.85	15.07
	5875	175	14.04	13.75	16.91	13.73	13.57	16.66	13.99	13.71	16.86	-1.85	15.06

Mode : HE40 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	5190	38	14.83	14.72	17.78	14.83	14.59	17.72	15.04	14.74	17.90	-	-
	5230	46	15.49	14.85	18.19	15.54	14.75	18.17	15.64	14.90	18.30	-	-
UNII2A	5270	54	14.64	15.06	17.87	14.59	14.88	17.75	14.73	14.98	17.87	-	-
	5310	62	14.77	14.98	17.89	14.71	14.75	17.74	14.73	14.83	17.79	-	-
UNII2C	5510	102	14.97	14.75	17.88	14.72	14.49	17.62	14.76	14.54	17.67	-	-
	5590	118	14.74	14.74	17.75	14.48	14.51	17.50	14.52	14.60	17.57	-	-
	5710	142	14.81	14.42	17.63	14.53	14.16	17.36	14.67	14.20	17.45	-	-
UNII3	5755	151	15.04	15.09	18.08	14.83	14.79	17.82	14.77	14.97	17.89	-	-
	5795	159	14.95	14.97	17.97	14.65	14.70	17.68	14.79	14.72	17.77	-	-
UNII4	5835	167	15.16	14.75	17.97	15.00	14.63	17.83	14.98	14.78	17.89	-1.85	16.12
	5875	175	15.35	14.89	18.14	15.14	14.75	17.96	15.28	14.87	18.09	-1.85	16.29

Mode : HE40 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	5190	38	14.78	14.53	17.67	-	-	-	14.83	14.52	17.69	-	-
	5230	46	15.45	14.66	18.08	-	-	-	15.44	14.70	18.10	-	-
UNII2A	5270	54	14.54	14.84	17.70	-	-	-	14.49	14.81	17.66	-	-
	5310	62	14.66	14.73	17.71	-	-	-	14.55	14.64	17.60	-	-
UNII2C	5510	102	14.76	14.50	17.64	-	-	-	14.66	14.41	17.55	-	-
	5590	118	14.53	14.49	17.52	-	-	-	14.42	14.42	17.43	-	-
	5710	142	14.60	14.07	17.35	-	-	-	14.53	13.93	17.25	-	-
UNII3	5755	151	14.84	14.77	17.82	-	-	-	14.70	14.81	17.76	-	-
	5795	159	14.69	14.73	17.72	-	-	-	14.62	14.59	17.62	-	-
UNII4	5835	167	15.00	14.59	17.81	-	-	-	14.89	14.61	17.76	-1.85	15.96
	5875	175	15.16	14.71	17.95	-	-	-	15.10	14.72	17.92	-1.85	16.10

Mode : HE40 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	5190	38	-	-	-	13.65	13.34	16.51	-	-	-	-	-
	5230	46	-	-	-	14.26	13.41	16.86	-	-	-	-	-
UNII2A	5270	54	-	-	-	13.68	13.66	16.68	-	-	-	-	-
	5310	62	-	-	-	13.66	13.39	16.53	-	-	-	-	-
UNII2C	5510	102	-	-	-	13.58	13.19	16.40	-	-	-	-	-
	5590	118	-	-	-	13.37	13.26	16.33	-	-	-	-	-
	5710	142	-	-	-	13.68	13.11	16.42	-	-	-	-	-
UNII3	5755	151	-	-	-	13.66	13.74	16.71	-	-	-	-	-
	5795	159	-	-	-	13.66	13.56	16.62	-	-	-	-	-
UNII4	5835	167	-	-	-	13.75	13.44	16.61	-	-	-	-1.85	14.76
	5875	175	-	-	-	13.68	13.46	16.58	-	-	-	-1.85	14.73

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	-	-	-	13.62	13.27	16.46	-	-	-	-	-
	5230	46	-	-	-	14.25	13.30	16.81	-	-	-	-	-
UNII2A	5270	54	-	-	-	13.65	13.56	16.62	-	-	-	-	-
	5310	62	-	-	-	13.59	13.32	16.47	-	-	-	-	-
UNII2C	5510	102	-	-	-	13.61	13.18	16.41	-	-	-	-	-
	5590	118	-	-	-	13.37	13.19	16.29	-	-	-	-	-
	5710	142	-	-	-	13.55	12.98	16.29	-	-	-	-	-
UNII3	5755	151	-	-	-	13.55	13.61	16.59	-	-	-	-	-
	5795	159	-	-	-	13.57	13.49	16.54	-	-	-	-	-
UNII4	5835	167	-	-	-	13.84	13.42	16.65	-	-	-	-1.85	14.80
	5875	175	-	-	-	13.74	13.48	16.62	-	-	-	-1.85	14.77

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	11.01	9.62	13.38	11.19	9.60	13.48	11.36	9.68	13.61	-	-
UNII2A	5290	58	10.09	9.81	12.96	10.06	9.69	12.89	10.02	9.54	12.80	-	-
UNII2C	5530	106	9.63	9.77	12.71	9.44	9.56	12.51	9.59	9.60	12.60	-	-
	5610	122	9.70	10.08	12.90	9.53	9.95	12.75	9.60	9.84	12.73	-	-
	5690	138	11.10	8.61	13.04	10.98	8.79	13.03	10.96	8.64	12.96	-	-
UNII3	5775	155	11.91	12.58	15.27	11.57	12.58	15.12	11.49	12.33	14.94	-	-
UNII4	5855	171	12.12	12.32	15.23	11.81	12.28	15.06	11.78	12.20	15.01	-1.85	13.38

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	12.05	12.03	15.05	12.14	12.04	15.10	12.42	12.15	15.29	-	-
UNII2A	5290	58	12.44	12.11	15.29	12.31	12.01	15.18	12.34	11.86	15.12	-	-
UNII2C	5530	106	11.78	12.04	14.92	11.65	11.91	14.79	11.77	11.85	14.82	-	-
	5610	122	11.82	12.40	15.13	11.71	12.27	15.01	11.74	12.12	14.94	-	-
	5690	138	11.95	8.25	13.49	11.97	7.21	13.22	11.86	6.65	13.00	-	-
UNII3	5775	155	14.11	13.86	17.00	13.78	13.81	16.80	13.58	13.59	16.59	-	-
UNII4	5855	171	14.24	13.60	16.94	13.89	13.52	16.72	13.83	13.44	16.65	-1.85	15.09

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	15.35	14.83	18.11	15.42	14.87	18.17	15.58	14.93	18.28	-	-
UNII2A	5290	58	14.81	14.90	17.86	14.70	14.79	17.75	14.68	14.64	17.67	-	-
UNII2C	5530	106	14.73	14.56	17.65	14.63	14.46	17.55	14.73	14.46	17.61	-	-
	5610	122	14.84	14.64	17.75	14.71	14.57	17.65	14.82	14.45	17.65	-	-
	5690	138	14.78	13.98	17.41	14.78	14.17	17.50	14.71	14.03	17.39	-	-
UNII3	5775	155	15.14	14.93	18.05	14.77	14.84	17.82	14.61	14.64	17.64	-	-
UNII4	5855	171	15.06	14.65	17.87	14.69	14.52	17.62	14.64	14.45	17.56	-1.85	16.02

Mode : HE80 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	5210	42	15.30	14.77	18.06	15.36	14.78	18.09	15.40	14.85	18.15	-	-
UNII2A	5290	58	14.75	14.81	17.79	14.70	14.75	17.74	14.54	14.59	17.58	-	-
UNII2C	5530	106	14.56	14.37	17.47	14.48	14.27	17.38	14.64	14.40	17.53	-	-
	5610	122	14.67	14.52	17.60	14.60	14.46	17.54	14.71	14.40	17.57	-	-
	5690	138	14.65	13.89	17.30	14.71	14.05	17.40	14.66	13.98	17.34	-	-
UNII3	5775	155	14.97	14.83	17.91	14.81	14.85	17.84	14.49	14.55	17.53	-	-
UNII4	5855	171	14.92	14.52	17.74	14.75	14.49	17.63	14.40	14.33	17.37	-1.85	15.89

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	14.23	13.55	16.91	-	-	-	14.34	13.60	16.99	-	-
UNII2A	5290	58	13.86	13.54	16.71	-	-	-	13.74	13.39	16.58	-	-
UNII2C	5530	106	13.44	13.14	16.31	-	-	-	13.52	13.16	16.35	-	-
	5610	122	13.49	13.41	16.46	-	-	-	13.46	13.33	16.40	-	-
	5690	138	13.82	13.09	16.48	-	-	-	13.81	13.16	16.51	-	-
UNII3	5775	155	13.92	13.81	16.88	-	-	-	13.59	13.62	16.61	-	-
UNII4	5855	171	14.06	13.49	16.79	-	-	-	13.68	13.34	16.52	-1.85	14.94

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	-	-	-	14.20	13.49	16.87	-	-	-	-	-
UNII2A	5290	58	-	-	-	13.72	13.40	16.57	-	-	-	-	-
UNII2C	5530	106	-	-	-	13.39	13.08	16.25	-	-	-	-	-
	5610	122	-	-	-	13.39	13.31	16.36	-	-	-	-	-
	5690	138	-	-	-	13.75	13.09	16.44	-	-	-	-	-
UNII3	5775	155	-	-	-	13.72	13.64	16.69	-	-	-	-	-
UNII4	5855	171	-	-	-	13.79	13.34	16.58	-	-	-	-1.85	14.73

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	-	-	-	13.95	13.25	16.62	-	-	-	-	-
UNII2A	5290	58	-	-	-	13.43	13.13	16.29	-	-	-	-	-
UNII2C	5530	106	-	-	-	13.13	12.82	15.99	-	-	-	-	-
	5610	122	-	-	-	13.13	13.02	16.08	-	-	-	-	-
	5690	138	-	-	-	13.46	12.74	16.13	-	-	-	-	-
UNII3	5775	155	-	-	-	13.42	13.34	16.39	-	-	-	-	-
UNII4	5855	171	-	-	-	13.51	13.14	16.34	-	-	-	-1.85	14.49

Mode : HE80L														
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	9.68	9.72	12.71	10.09	9.96	13.03	10.24	10.00	13.13	-	-
UNII 2C		5570	114	9.77	9.97	12.88	9.82	10.04	12.94	9.91	10.03	12.98	-	-
UNII 3-4		5815	163	11.96	11.76	14.87	11.66	11.90	14.79	11.32	11.47	14.41	-1.85	13.02
UNII 1-2A	52T	5250	50	11.80	12.14	14.98	12.00	12.27	15.15	12.27	12.37	15.33	-	-
UNII 2C		5570	114	11.77	12.09	14.95	11.83	12.13	14.99	11.90	12.05	14.99	-	-
UNII 3-4		5815	163	14.11	13.09	16.64	13.79	13.16	16.50	13.55	12.82	16.21	-1.85	14.79
UNII 1-2A	106T	5250	50	15.08	14.93	18.01	15.27	15.06	18.17	15.45	15.12	18.30	-	-
UNII 2C		5570	114	14.91	15.34	18.14	14.93	15.29	18.12	15.08	15.30	18.20	-	-
UNII 3-4		5815	163	15.21	14.38	17.82	14.82	14.37	17.61	14.59	14.08	17.35	-1.85	15.97
UNII 1-2A	242T	5250	50	15.21	14.84	18.04	15.26	14.87	18.08	15.35	14.98	18.18	-	-
UNII 2C		5570	114	14.87	15.08	17.99	14.79	14.99	17.90	15.00	15.14	18.08	-	-
UNII 3-4		5815	163	15.07	14.29	17.71	14.91	14.31	17.63	14.50	14.00	17.27	-1.85	15.86
UNII 1-2A	484T	5250	50	14.22	13.73	17.00	-	-	-	14.39	13.82	17.13	-	-
UNII 2C		5570	114	13.55	13.85	16.71	-	-	-	13.70	13.91	16.82	-	-
UNII 3-4		5815	163	14.09	13.21	16.68	-	-	-	13.63	13.02	16.35	-1.85	14.83
UNII 1-2A	996T	5250	50	-	-	-	14.28	13.76	17.04	-	-	-	-	-
UNII 2C		5570	114	-	-	-	13.61	13.86	16.75	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	13.84	13.12	16.50	-	-	-	-1.85	14.65

Mode : HE80U														
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	9.98	10.00	13.00	10.03	9.94	13.00	9.82	9.64	12.74	-	-
UNII 2C		5570	114	9.97	10.18	13.09	9.89	10.14	13.03	9.85	9.88	12.87	-	-
UNII 3-4		5815	163	11.40	11.45	14.43	11.11	11.33	14.23	10.87	10.94	13.92	-1.85	12.58
UNII 1-2A	52T	5250	50	12.06	12.31	15.20	11.98	12.31	15.16	11.90	12.00	14.96	-	-
UNII 2C		5570	114	11.98	12.20	15.10	11.93	12.14	15.04	11.85	11.90	14.88	-	-
UNII 3-4		5815	163	13.58	12.80	16.21	13.28	12.61	15.97	13.06	12.33	15.72	-1.85	14.36
UNII 1-2A	106T	5250	50	15.29	15.12	18.22	15.21	15.03	18.13	15.12	14.81	17.98	-	-
UNII 2C		5570	114	15.13	15.40	18.28	15.06	15.32	18.20	15.07	15.15	18.12	-	-
UNII 3-4		5815	163	14.64	14.02	17.35	14.28	13.83	17.07	14.13	13.61	16.89	-1.85	15.50
UNII 1-2A	242T	5250	50	15.18	14.88	18.04	15.15	14.81	17.99	14.97	14.65	17.82	-	-
UNII 2C		5570	114	14.93	15.11	18.03	14.85	15.04	17.96	14.99	14.98	17.99	-	-
UNII 3-4		5815	163	14.47	13.86	17.18	14.32	13.79	17.08	14.03	13.53	16.79	-1.85	15.33
UNII 1-2A	484T	5250	50	14.28	13.74	17.03	-	-	-	14.15	13.58	16.89	-	-
UNII 2C		5570	114	13.66	13.91	16.80	-	-	-	13.73	13.83	16.79	-	-
UNII 3-4		5815	163	13.50	12.73	16.14	-	-	-	13.16	12.50	15.85	-1.85	14.29
UNII 1-2A	996T	5250	50	-	-	-	14.18	13.64	16.93	-	-	-	-	-
UNII 2C		5570	114	-	-	-	13.67	13.85	16.77	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	13.31	12.60	15.98	-	-	-	-1.85	14.13

Mode : HE160														
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	SU	5250	50	-	-	-	13.34	13.29	16.33	-	-	-	-	-
UNII 2C		5570	114	-	-	-	13.10	13.05	16.09	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	13.67	13.15	16.43	-	-	-	-1.85	14.58
UNII 1-2A	2x996T	5250	50	-	-	-	14.38	13.82	17.12	-	-	-	-	-
UNII 2C		5570	114	-	-	-	13.77	13.98	16.89	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	14.48	14.11	17.31	-	-	-	-1.85	15.46

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(Ant1+Ant2)

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	7.183	6.910	10.059	5.908	5.391	8.668	7.300	6.828	10.081	-	-
	5200	40	7.266	7.308	10.298	5.861	5.576	8.732	7.388	6.954	10.187	-	-
	5240	48	6.902	5.665	9.338	5.435	4.281	7.907	7.079	5.627	9.424	-	-
UNII2A	5260	52	6.445	7.167	9.832	4.933	5.667	8.326	6.770	7.026	9.911	-	-
	5300	60	6.990	7.125	10.069	5.640	5.481	8.572	7.240	7.058	10.161	-	-
	5320	64	5.145	6.795	9.059	3.688	5.455	7.671	5.266	6.836	9.132	-	-
UNII2C	5500	100	5.723	6.868	9.344	4.318	5.479	7.948	5.519	6.671	9.144	-	-
	5600	120	6.982	7.066	10.035	5.636	5.348	8.505	6.681	6.786	9.745	-	-
	5720	144	7.433	6.977	10.222	6.064	5.634	8.865	7.213	7.084	10.160	-	-
UNII3	5745	149	6.568	6.799	9.696	5.808	6.419	9.135	6.513	7.008	9.778	-	-
	5785	157	6.556	6.939	9.762	5.387	5.998	8.714	6.068	6.739	9.427	-	-
	5825	165	6.201	6.224	9.223	5.589	5.991	8.805	6.200	6.685	9.460	-	-
UNII4	5845	169	8.932	9.161	12.059	7.293	7.535	10.426	8.648	9.299	11.996	-1.85	10.209
	5865	173	8.798	9.062	11.943	7.312	7.425	10.380	8.735	8.889	11.823	-1.85	10.093
	5885	177	8.788	8.974	11.893	7.062	7.575	10.337	8.610	9.024	11.833	-1.85	10.043

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	6.772	7.097	9.948	6.823	6.816	9.830	7.264	7.117	10.202	-	-
	5200	40	6.876	7.490	10.205	6.797	6.999	9.910	7.188	7.363	10.287	-	-
	5240	48	7.367	6.346	9.897	7.162	6.127	9.686	7.542	6.267	9.962	-	-
UNII2A	5260	52	6.483	7.498	10.031	6.270	7.253	9.800	6.728	7.295	10.032	-	-
	5300	60	7.488	7.263	10.388	7.320	6.865	10.109	7.614	7.151	10.399	-	-
	5320	64	4.552	7.190	9.079	4.258	6.974	8.836	4.635	7.207	9.119	-	-
UNII2C	5500	100	6.168	7.247	9.752	5.876	6.805	9.376	5.985	6.972	9.517	-	-
	5600	120	7.041	7.388	10.229	6.771	7.230	10.017	6.838	7.300	10.086	-	-
	5720	144	7.447	7.338	10.403	7.336	7.011	10.187	7.503	7.265	10.396	-	-
UNII3	5745	149	6.776	6.352	9.580	6.491	6.201	9.359	6.625	6.399	9.524	-	-
	5785	157	6.645	6.436	9.553	6.228	6.006	9.129	6.288	6.113	9.212	-	-
	5825	165	6.365	5.877	9.139	6.187	5.690	8.956	6.394	6.009	9.217	-	-
UNII4	5845	169	9.300	8.826	12.080	9.057	8.411	11.757	8.959	8.599	11.793	-1.85	10.230
	5865	173	9.182	8.519	11.874	8.700	8.464	11.594	8.923	8.540	11.746	-1.85	10.024
	5885	177	9.079	9.009	12.055	9.017	8.839	11.940	9.293	8.884	12.104	-1.85	10.254

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	6.912	6.806	9.870	-	-	-	7.079	6.872	9.987	-	-
	5200	40	6.879	6.988	9.944	-	-	-	7.130	6.938	10.046	-	-
	5240	48	6.355	6.042	9.212	-	-	-	6.568	5.931	9.272	-	-
UNII2A	5260	52	7.092	7.074	10.094	-	-	-	7.173	6.956	10.076	-	-
	5300	60	6.972	6.995	9.994	-	-	-	6.966	6.906	9.947	-	-
	5320	64	6.287	7.142	9.746	-	-	-	6.564	6.918	9.755	-	-
UNII2C	5500	100	7.019	6.821	9.932	-	-	-	7.021	6.672	9.861	-	-
	5600	120	7.220	6.806	10.028	-	-	-	7.036	6.401	9.741	-	-
	5720	144	7.539	6.982	10.280	-	-	-	7.408	7.040	10.238	-	-
UNII3	5745	149	4.735	4.488	7.624	-	-	-	4.632	4.326	7.492	-	-
	5785	157	4.200	4.282	7.252	-	-	-	3.980	4.371	7.190	-	-
	5825	165	4.438	3.829	7.155	-	-	-	4.418	3.906	7.180	-	-
UNII4	5845	169	7.234	6.606	9.942	-	-	-	6.905	6.595	9.763	-1.85	8.092
	5865	173	7.056	6.544	9.818	-	-	-	6.828	6.521	9.688	-1.85	7.968
	5885	177	7.148	7.000	10.085	-	-	-	7.127	6.972	10.061	-1.85	8.235

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	-	-	-	3.327	3.232	6.290	-	-	-	-	-
	5200	40	-	-	-	3.610	3.465	6.548	-	-	-	-	-
	5240	48	-	-	-	4.059	3.341	6.725	-	-	-	-	-
UNII2A	5260	52	-	-	-	3.444	3.608	6.537	-	-	-	-	-
	5300	60	-	-	-	3.593	3.471	6.542	-	-	-	-	-
	5320	64	-	-	-	2.815	3.311	6.080	-	-	-	-	-
UNII2C	5500	100	-	-	-	3.427	3.255	6.352	-	-	-	-	-
	5600	120	-	-	-	3.633	2.993	6.335	-	-	-	-	-
	5720	144	-	-	-	3.969	3.464	6.734	-	-	-	-	-
UNII3	5745	149	-	-	-	1.115	0.728	3.936	-	-	-	-	-
	5785	157	-	-	-	0.823	0.647	3.746	-	-	-	-	-
	5825	165	-	-	-	0.904	0.310	3.627	-	-	-	-	-
UNII4	5845	169	-	-	-	3.746	3.195	6.489	-	-	-	-1.85	4.639
	5865	173	-	-	-	3.576	2.947	6.283	-	-	-	-1.85	4.433
	5885	177	-	-	-	3.532	3.319	6.437	-	-	-	-1.85	4.587

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	-	-	-	2.987	2.717	5.865	-	-	-	-	-
	5200	40	-	-	-	3.058	2.969	6.024	-	-	-	-	-
	5240	48	-	-	-	3.475	3.110	6.307	-	-	-	-	-
UNII2A	5260	52	-	-	-	3.288	3.161	6.235	-	-	-	-	-
	5300	60	-	-	-	3.001	3.026	6.024	-	-	-	-	-
	5320	64	-	-	-	2.425	3.016	5.741	-	-	-	-	-
UNII2C	5500	100	-	-	-	3.096	2.848	5.984	-	-	-	-	-
	5600	120	-	-	-	3.136	2.660	5.915	-	-	-	-	-
	5720	144	-	-	-	3.667	3.235	6.467	-	-	-	-	-
UNII3	5745	149	-	-	-	0.808	0.380	3.610	-	-	-	-	-
	5785	157	-	-	-	0.373	0.368	3.381	-	-	-	-	-
	5825	165	-	-	-	0.615	-0.159	3.256	-	-	-	-	-
UNII4	5845	169	-	-	-	3.275	2.758	6.035	-	-	-	-1.85	4.185
	5865	173	-	-	-	2.940	2.512	5.742	-	-	-	-1.85	3.892
	5885	177	-	-	-	3.107	3.016	6.072	-	-	-	-1.85	4.222

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	6.422	6.372	9.408	6.310	5.904	9.122	6.878	5.959	9.453	-	-
	5230	46	7.380	6.559	10.000	7.362	6.129	9.800	7.819	6.258	10.119	-	-
UNII2A	5270	54	5.659	6.436	9.076	5.477	6.274	8.904	5.742	6.302	9.042	-	-
	5310	62	6.374	6.366	9.381	6.080	6.249	9.176	6.614	6.123	9.386	-	-
UNII2C	5510	102	6.394	6.853	9.640	6.256	6.180	9.229	6.193	6.176	9.195	-	-
	5590	118	6.259	6.429	9.356	5.779	6.152	8.980	5.809	6.245	9.043	-	-
	5710	142	6.610	5.149	8.951	6.260	4.735	8.575	6.411	4.897	8.730	-	-
UNII3	5755	151	5.689	6.141	8.932	5.773	6.369	9.092	5.507	6.576	9.085	-	-
	5795	159	5.781	6.359	9.090	5.375	6.206	8.821	5.437	5.939	8.706	-	-
UNII4	5835	167	8.465	8.492	11.489	8.140	8.482	11.325	7.920	8.596	11.282	-1.85	9.639
	5875	175	8.137	9.513	11.890	7.834	9.317	11.649	8.091	9.531	11.881	-1.85	10.040

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	6.155	6.748	9.472	5.986	6.261	9.136	6.528	6.375	9.463	-	-
	5230	46	6.896	6.628	9.774	6.694	6.435	9.577	7.154	6.745	9.965	-	-
UNII2A	5270	54	5.750	6.764	9.297	5.436	6.631	9.085	5.905	6.580	9.266	-	-
	5310	62	6.967	6.708	9.850	6.834	6.437	9.650	7.031	6.598	9.830	-	-
UNII2C	5510	102	6.498	7.033	9.784	6.414	6.748	9.595	6.481	6.717	9.611	-	-
	5590	118	6.111	6.852	9.508	6.082	6.807	9.470	6.143	6.897	9.547	-	-
	5710	142	6.559	3.584	8.332	6.438	2.095	7.799	6.699	1.932	7.949	-	-
UNII3	5755	151	6.118	5.590	8.872	5.582	5.736	8.670	5.697	5.676	8.697	-	-
	5795	159	6.069	5.659	8.879	5.533	5.423	8.489	5.565	5.414	8.500	-	-
UNII4	5835	167	8.574	8.119	11.363	8.473	8.102	11.302	8.283	8.391	11.348	-1.85	9.513
	5875	175	8.484	8.279	11.393	8.076	8.119	11.108	8.582	8.221	11.416	-1.85	9.566

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	6.342	6.249	9.306	6.461	6.179	9.332	6.667	6.226	9.462	-	-
	5230	46	6.968	6.366	9.688	7.212	6.303	9.791	7.244	6.417	9.860	-	-
UNII2A	5270	54	6.253	6.639	9.460	6.178	6.528	9.367	6.257	6.455	9.367	-	-
	5310	62	6.311	6.587	9.461	6.289	6.214	9.262	6.307	6.224	9.276	-	-
UNII2C	5510	102	6.549	6.365	9.468	6.484	5.855	9.191	6.401	6.111	9.269	-	-
	5590	118	6.549	6.360	9.466	6.086	6.164	9.135	6.304	6.139	9.232	-	-
	5710	142	6.656	5.795	9.257	6.315	5.705	9.031	6.639	5.914	9.302	-	-
UNII3	5755	151	3.891	3.959	6.935	3.700	3.624	6.672	3.733	3.886	6.820	-	-
	5795	159	3.776	3.836	6.816	3.383	3.327	6.365	3.527	3.429	6.488	-	-
UNII4	5835	167	6.676	6.368	9.535	6.443	6.178	9.323	6.321	6.325	9.333	-1.85	7.685
	5875	175	6.650	6.353	9.514	6.497	6.084	9.306	6.625	6.268	9.460	-1.85	7.664

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	2.760	2.660	5.721	-	-	-	2.994	2.762	5.890	-	-
	5230	46	3.461	2.820	6.163	-	-	-	3.580	2.676	6.162	-	-
UNII2A	5270	54	2.581	2.996	5.804	-	-	-	2.816	3.032	5.936	-	-
	5310	62	2.774	2.989	5.893	-	-	-	2.683	2.743	5.723	-	-
UNII2C	5510	102	3.034	2.669	5.866	-	-	-	2.801	2.452	5.640	-	-
	5590	118	2.769	2.591	5.691	-	-	-	2.541	2.745	5.655	-	-
	5710	142	2.857	2.379	5.635	-	-	-	2.965	2.309	5.660	-	-
UNII3	5755	151	0.204	0.261	3.243	-	-	-	0.227	0.357	3.303	-	-
	5795	159	0.101	0.129	3.125	-	-	-	-0.196	-0.071	2.877	-	-
UNII4	5835	167	3.102	2.689	5.911	-	-	-	2.916	2.710	5.825	-1.85	4.061
	5875	175	3.154	2.824	6.003	-	-	-	3.027	2.733	5.893	-1.85	4.153

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	-	-	-	-0.935	-1.395	1.852	-	-	-	-	-
	5230	46	-	-	-	-0.299	-1.539	2.136	-	-	-	-	-
UNII2A	5270	54	-	-	-	-1.089	-0.976	1.978	-	-	-	-	-
	5310	62	-	-	-	-1.031	-1.334	1.831	-	-	-	-	-
UNII2C	5510	102	-	-	-	-0.910	-1.361	1.881	-	-	-	-	-
	5590	118	-	-	-	-1.242	-1.310	1.735	-	-	-	-	-
	5710	142	-	-	-	-0.714	-1.453	1.943	-	-	-	-	-
UNII3	5755	151	-	-	-	-3.633	-3.546	-0.579	-	-	-	-	-
	5795	159	-	-	-	-3.799	-3.723	-0.750	-	-	-	-	-
UNII4	5835	167	-	-	-	-0.999	-1.382	1.824	-	-	-	-1.85	-0.026
	5875	175	-	-	-	-1.145	-1.288	1.795	-	-	-	-1.85	-0.055

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	-	-	-	-1.090	-1.653	1.648	-	-	-	-	-
	5230	46	-	-	-	-0.441	-1.588	2.034	-	-	-	-	-
UNII2A	5270	54	-	-	-	-1.279	-1.361	1.691	-	-	-	-	-
	5310	62	-	-	-	-1.285	-1.499	1.620	-	-	-	-	-
UNII2C	5510	102	-	-	-	-1.127	-1.671	1.620	-	-	-	-	-
	5590	118	-	-	-	-1.346	-1.645	1.517	-	-	-	-	-
	5710	142	-	-	-	-1.177	-1.703	1.578	-	-	-	-	-
UNII3	5755	151	-	-	-	-3.739	-4.032	-0.873	-	-	-	-	-
	5795	159	-	-	-	-4.009	-3.972	-0.980	-	-	-	-	-
UNII4	5835	167	-	-	-	-1.035	-1.531	1.735	-	-	-	-1.85	-0.115
	5875	175	-	-	-	-1.261	-1.558	1.603	-	-	-	-1.85	-0.247

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	8.237	6.707	10.549	7.464	5.614	9.647	8.471	6.690	10.681	-	-
UNII2A	5290	58	7.395	6.917	10.173	6.388	6.002	9.210	7.164	6.576	9.890	-	-
UNII2C	5530	106	6.791	6.971	9.892	5.802	5.438	8.634	6.672	6.867	9.781	-	-
	5610	122	6.827	7.096	9.974	5.239	5.962	8.626	6.755	6.913	9.845	-	-
	5690	138	8.226	5.635	10.131	6.943	4.518	8.908	7.978	5.894	10.070	-	-
UNII3	5775	155	6.117	6.554	9.351	5.650	6.577	9.148	5.663	6.580	9.156	-	-
UNII4	5855	171	9.234	9.176	12.215	7.700	8.348	11.046	9.048	9.589	12.337	-1.85	10.487

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	6.698	6.404	9.564	6.705	6.408	9.569	6.959	6.533	9.762	-	-
UNII2A	5290	58	6.800	6.410	9.620	6.729	6.390	9.573	6.793	6.298	9.563	-	-
UNII2C	5530	106	6.259	6.284	9.282	6.231	6.159	9.205	6.171	6.516	9.357	-	-
	5610	122	6.390	6.518	9.465	6.094	6.699	9.417	6.175	6.572	9.388	-	-
	5690	138	6.399	2.560	7.901	6.136	1.508	7.422	6.093	1.148	7.300	-	-
UNII3	5775	155	5.241	5.266	8.264	5.165	5.128	8.157	5.370	5.116	8.255	-	-
UNII4	5855	171	8.517	8.028	11.290	8.418	8.178	11.310	8.253	7.964	11.121	-1.85	9.460

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	6.823	6.261	9.562	6.735	6.310	9.538	6.948	6.260	9.628	-	-
UNII2A	5290	58	6.091	6.266	9.190	6.038	6.317	9.190	5.979	5.932	8.966	-	-
UNII2C	5530	106	6.275	6.012	9.156	6.108	5.757	8.947	6.361	5.809	9.104	-	-
	5610	122	6.183	6.197	9.201	5.947	5.940	8.954	6.243	5.875	9.073	-	-
	5690	138	5.927	5.253	8.614	5.915	5.456	8.702	6.010	5.430	8.740	-	-
UNII3	5775	155	3.539	3.389	6.475	3.093	3.367	6.243	2.994	3.168	6.092	-	-
UNII4	5855	171	6.442	5.996	9.235	6.181	5.910	9.058	6.125	5.879	9.014	-1.85	7.385

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	3.183	2.706	5.961	3.434	2.737	6.110	3.345	2.917	6.147	-	-
UNII2A	5290	58	2.568	2.951	5.774	2.402	2.703	5.565	2.407	2.712	5.573	-	-
UNII2C	5530	106	2.821	2.465	5.657	2.529	2.352	5.452	2.691	2.389	5.553	-	-
	5610	122	2.472	2.433	5.463	2.554	2.387	5.482	2.538	2.393	5.476	-	-
	5690	138	2.453	1.623	5.068	2.449	1.840	5.166	2.583	1.921	5.275	-	-
UNII3	5775	155	-0.112	-0.374	2.769	-0.137	-0.104	2.890	-0.291	-0.305	2.712	-	-
UNII4	5855	171	2.976	2.542	5.775	2.964	2.400	5.702	2.406	2.410	5.418	-1.85	3.925

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	-0.663	-1.428	1.981	-	-	-	-0.635	-1.346	2.034	-	-
UNII2A	5290	58	-0.974	-1.376	1.840	-	-	-	-1.226	-1.529	1.635	-	-
UNII2C	5530	106	-1.319	-1.682	1.513	-	-	-	-1.361	-1.637	1.513	-	-
	5610	122	-1.428	-1.423	1.585	-	-	-	-1.366	-1.605	1.526	-	-
	5690	138	-1.231	-2.005	1.409	-	-	-	-1.342	-1.759	1.465	-	-
UNII3	5775	155	-3.848	-4.328	-1.071	-	-	-	-4.412	-4.322	-1.357	-	-
UNII4	5855	171	-0.857	-1.592	1.801	-	-	-	-1.269	-1.566	1.595	-1.85	-0.049

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	-	-	-	-3.522	-4.495	-0.971	-	-	-	-	-
UNII2A	5290	58	-	-	-	-4.124	-4.395	-1.247	-	-	-	-	-
UNII2C	5530	106	-	-	-	-4.504	-4.488	-1.485	-	-	-	-	-
	5610	122	-	-	-	-4.567	-4.434	-1.489	-	-	-	-	-
	5690	138	-	-	-	-4.418	-5.172	-1.768	-	-	-	-	-
UNII3	5775	155	-	-	-	-7.115	-7.411	-4.250	-	-	-	-	-
UNII4	5855	171	-	-	-	-4.126	-4.542	-1.318	-	-	-	-1.85	-3.168

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	-	-	-	-3.758	-4.773	-1.226	-	-	-	-	-
UNII2A	5290	58	-	-	-	-4.493	-4.867	-1.666	-	-	-	-	-
UNII2C	5530	106	-	-	-	-4.797	-4.925	-1.850	-	-	-	-	-
	5610	122	-	-	-	-4.743	-4.796	-1.759	-	-	-	-	-
	5690	138	-	-	-	-4.639	-5.354	-1.971	-	-	-	-	-
UNII3	5775	155	-	-	-	-7.242	-7.614	-4.414	-	-	-	-	-
UNII4	5855	171	-	-	-	-4.388	-4.953	-1.651	-	-	-	-1.85	-3.501

Mode : HE80L														
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	6.601	6.546	9.584	5.730	5.596	8.674	7.106	6.683	9.910	-	-
UNII 2C		5570	114	6.577	7.147	9.882	5.480	5.834	8.671	7.077	7.117	10.107	-	-
UNII 3-4		5815	163	8.912	9.181	12.059	7.622	8.129	10.894	7.958	8.565	11.283	-1.85	10.209
UNII 1-2A	52T	5250	50	6.155	6.381	9.280	6.009	6.356	9.197	6.324	6.331	9.338	-	-
UNII 2C		5570	114	6.085	6.117	9.112	6.274	6.247	9.271	6.203	6.167	9.196	-	-
UNII 3-4		5815	163	8.414	7.512	10.997	7.907	7.503	10.720	7.849	7.201	10.548	-1.85	9.147
UNII 1-2A	106T	5250	50	6.095	6.328	9.223	6.221	5.943	9.094	6.337	5.927	9.147	-	-
UNII 2C		5570	114	6.282	6.474	9.389	6.224	6.595	9.424	6.319	6.526	9.434	-	-
UNII 3-4		5815	163	6.412	5.760	9.108	6.259	5.722	9.009	6.087	5.559	8.841	-1.85	7.258
UNII 1-2A	242T	5250	50	2.954	2.447	5.718	2.800	2.402	5.616	2.825	2.361	5.610	-	-
UNII 2C		5570	114	2.651	3.001	5.840	2.635	2.761	5.709	2.855	2.995	5.936	-	-
UNII 3-4		5815	163	2.688	2.238	5.479	2.714	2.229	5.489	2.235	2.048	5.153	-1.85	3.639
UNII 1-2A	484T	5250	50	-0.919	-1.473	1.823	-	-	-	-1.018	-1.647	1.690	-	-
UNII 2C		5570	114	-1.559	-1.340	1.563	-	-	-	-1.546	-1.109	1.689	-	-
UNII 3-4		5815	163	-1.027	-1.653	1.682	-	-	-	-1.402	-1.938	1.349	-1.85	-0.168
UNII 1-2A	996T	5250	50	-	-	-	-3.867	-4.468	-1.146	-	-	-	-	-
UNII 2C		5570	114	-	-	-	-4.642	-4.184	-1.396	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	-4.168	-4.870	-1.494	-	-	-	-1.85	-3.344

Mode : HE80U														
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	6.653	6.753	9.714	5.629	5.407	8.530	6.397	5.951	9.190	-	-
UNII 2C		5570	114	6.942	7.030	9.997	5.828	5.722	8.786	6.879	6.606	9.755	-	-
UNII 3-4		5815	163	8.246	8.779	11.531	6.403	7.178	9.818	7.123	8.028	10.610	-1.85	9.681
UNII 1-2A	52T	5250	50	5.783	6.068	8.939	5.718	6.012	8.878	5.415	5.444	8.440	-	-
UNII 2C		5570	114	6.455	6.262	9.370	6.202	6.466	9.347	6.053	6.225	9.151	-	-
UNII 3-4		5815	163	7.671	7.029	10.373	7.042	6.990	10.027	6.903	6.424	9.681	-1.85	8.523
UNII 1-2A	106T	5250	50	5.955	6.084	9.030	5.770	5.818	8.804	5.641	5.408	8.536	-	-
UNII 2C		5570	114	6.284	6.847	9.585	6.388	6.372	9.390	6.230	6.331	9.291	-	-
UNII 3-4		5815	163	5.675	5.404	8.552	5.347	5.328	8.348	4.736	4.902	7.830	-1.85	6.702
UNII 1-2A	242T	5250	50	2.525	2.316	5.432	2.357	2.212	5.295	2.170	1.787	4.993	-	-
UNII 2C		5570	114	2.683	3.014	5.862	2.738	2.953	5.857	2.899	2.853	5.886	-	-
UNII 3-4		5815	163	2.068	1.956	5.023	1.804	1.782	4.803	1.299	1.470	4.396	-1.85	3.173
UNII 1-2A	484T	5250	50	-1.350	-1.781	1.451	-	-	-	-1.779	-1.872	1.185	-	-
UNII 2C		5570	114	-1.459	-1.104	1.733	-	-	-	-1.470	-1.139	1.709	-	-
UNII 3-4		5815	163	-1.886	-2.151	0.994	-	-	-	-2.290	-2.386	0.673	-1.85	-0.856
UNII 1-2A	996T	5250	50	-	-	-	-4.636	-4.862	-1.737	-	-	-	-	-
UNII 2C		5570	114	-	-	-	-4.366	-4.035	-1.187	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	-4.639	-5.121	-1.863	-	-	-	-1.85	-3.713

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	-	-	-	-8.040	-7.855	-4.936	-	-	-	-	-
UNII 2C		5570	114	-	-	-	-7.852	-7.671	-4.750	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	-6.908	-7.797	-4.319	-	-	-	-1.85	-6.169
UNII 1-2A	2x996T	5250	50	-	-	-	-6.973	-7.277	-4.112	-	-	-	-	-
UNII 2C		5570	114	-	-	-	-7.045	-6.760	-3.890	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	-5.902	-6.549	-3.203	-	-	-	-1.85	-5.053

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(UNII 2C) : 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
Power Spectral Density	1. Limit(UNII 2C) : 11.0 dBm/MHz 2. Limit(UNII 3) : 30.0 dBm/500 kHz

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 Ant1

Mode : HE20										
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
5720	144	26T	(1) 0	15.52	3.96	-	9.85	-19.19	7.240	-21.480
			(1) 4	14.12	4.28	-	9.35	-18.12	5.600	-21.903
			7	14.20	4.28	2.52	-6.35	9.56	-1.876	4.261
			8	14.16	5.56	4.52	-12.89	9.73	-17.641	4.526
		52T	(1) 37	15.72	4.40	-	12.74	-15.26	7.396	-16.774
			(1) 38	14.24	4.44	-	12.49	-14.89	7.052	-18.510
			39	14.36	4.48	2.56	11.98	2.45	7.013	3.283
			40	14.12	5.52	4.52	-5.11	12.63	-2.516	4.466
		106T	(1) 53	15.76	4.60	-	15.88	-9.65	7.427	-15.394
			54	14.44	5.64	4.60	12.27	13.32	7.365	4.653
		242T	61	15.48	5.56	4.52	14.50	9.64	3.820	0.975
		SU	-	15.48	5.60	4.52	14.45	9.63	3.775	0.855

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	18.44	4.20	-	9.13	-20.19	6.267	-20.926
			16	14.20	4.20	2.04	-0.49	8.86	3.222	3.735
			17	14.44	6.12	4.12	-12.03	9.26	-18.833	3.669
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1) 41	18.76	4.20	-	11.93	-17.21	6.195	-19.833
			43	16.12	4.12	1.32	11.93	-4.35	6.246	-7.125
			44	14.68	5.96	4.12	-0.38	11.83	3.219	3.448
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 54	-	-	-	-	-	-	-
			55	23.64	4.92	2.68	14.92	-10.52	6.286	-15.245
			56	23.56	6.20	4.12	12.18	11.93	6.186	3.531
		242T	(1)(2) 61	-	-	-	-	-	-	-
			62	27.72	6.04	4.12	13.73	8.32	2.628	-0.301
		484T	65	36.28	5.64	4.12	13.27	4.42	-1.044	-4.215
		SU	-	36.20	5.64	4.20	13.33	4.30	-1.150	-4.034

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	14.68	5.96	2.12	1.37	10.63	4.022	5.163
			36	15.16	7.40	4.20	-9.93	11.05	-17.115	4.878
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1)(2) 45	-	-	-	-	-	-	-
			51	16.12	5.64	2.76	11.87	-4.34	5.916	-9.248
			52	15.96	8.04	4.20	-0.59	11.69	1.658	3.036
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 57	-	-	-	-	-	-	-
			59	22.20	6.28	2.76	14.90	-11.18	5.940	-15.410
			60	17.56	8.04	4.20	12.05	11.67	5.903	3.238
		242T	(1)(2) 61	-	-	-	-	-	-	-
			(1)(2) 62	-	-	-	-	-	-	-
			(1)(2) 63	-	-	-	-	-	-	-
			64	22.36	8.52	4.20	13.79	8.21	2.236	-0.735
		484T	(1)(2) 65	-	-	-	-	-	-	-
			66	60.12	8.36	4.20	13.15	4.31	-1.543	-4.866
		996T	67	78.20	7.72	4.20	13.06	0.92	-4.691	-7.932
		SU	-	77.88	7.72	4.20	13.01	0.79	-4.716	-8.075

10.6.2 Ant2

Mode : HE20										
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
5720	144	26T	(1) 0	15.48	4.20	-	9.80	-19.10	7.284	-20.075
			(1) 4	14.08	4.16	-	9.33	-18.74	5.497	-19.263
			7	14.16	4.20	2.52	-6.61	9.53	-1.943	4.143
			8	14.20	5.52	4.52	-12.02	9.66	-18.448	4.279
		52T	(1) 37	15.52	4.44	-	12.81	-16.04	7.272	-18.361
			(1) 38	14.32	4.48	-	12.55	-15.70	7.138	-30.480
			39	14.36	4.44	2.56	12.03	2.49	7.023	3.576
			40	14.16	5.48	4.52	-5.56	12.61	-2.079	4.555
		106T	(1) 53	15.64	4.68	-	15.51	-10.59	7.048	-13.186
			54	14.52	5.64	4.60	11.88	12.88	6.799	4.284
		242T	61	15.48	5.56	4.52	14.08	9.20	3.452	0.448
		SU	-	15.52	5.60	4.52	14.04	9.15	3.438	0.308

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	18.52	4.12	-	7.50	-21.73	4.673	-25.746
			16	14.36	4.12	2.04	-2.18	7.13	1.428	2.134
			17	14.28	5.72	4.12	-13.89	7.53	-19.674	2.096
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1) 41	18.76	4.20	-	6.04	-22.38	0.361	-25.202
			43	16.36	4.20	2.60	5.53	-10.88	-0.087	-13.356
			44	14.68	5.96	4.12	-7.20	4.95	-3.890	-3.039
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 54	-	-	-	-	-	-	-
			55	23.72	4.84	2.68	14.32	-12.26	5.849	-15.900
			56	23.64	6.04	4.12	11.57	11.24	5.748	2.966
		242T	(1)(2) 61	-	-	-	-	-	-	-
			62	27.72	5.96	4.12	13.14	7.64	2.301	-0.604
		484T	65	36.36	5.72	4.12	12.75	3.65	-1.565	-4.605
		SU	-	36.20	5.72	4.12	12.73	3.57	-1.691	-4.660

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	6.60	2.12	-1.06	8.28	1.298	2.620
			36	14.36	7.24	4.20	-12.81	8.67	-17.771	2.732
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1)(2) 45	-	-	-	-	-	-	-
			51	15.96	5.48	2.76	5.34	-10.91	-0.541	-15.277
			52	15.64	8.20	4.20	-7.26	5.01	-4.440	-3.540
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 57	-	-	-	-	-	-	-
			59	22.68	5.96	2.76	14.25	-11.21	5.288	-14.000
			60	17.08	8.04	4.20	11.35	10.97	5.189	2.119
		242T	(1)(2) 61	-	-	-	-	-	-	-
			(1)(2) 62	-	-	-	-	-	-	-
			(1)(2) 63	-	-	-	-	-	-	-
			64	23.48	8.36	4.20	13.13	7.45	1.663	-1.413
		484T	(1)(2) 65	-	-	-	-	-	-	-
			66	60.28	8.04	4.20	12.58	3.53	-2.166	-5.169
		996T	67	77.72	7.72	4.20	12.46	0.19	-5.310	-8.644
		SU	-	78.04	7.56	4.20	12.36	0.06	-5.295	-8.678

10.7 RADIATED SPURIOUS EMISSIONS (9 kHz – 1 GHz)

Frequency Range : 9 kHz – 30 MHz

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

Note:

1. The Measured 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(Ant1+Ant2)

10.8.1 802.11ax(HE20)

1) SU

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10360	43.51	8.54	V	52.05	68.20	16.15	PK
15540	40.10	13.37	V	53.47	73.98	20.51	PK
15540	27.00	13.37	V	40.37	53.98	13.61	AV
10360	44.08	8.54	H	52.62	68.20	15.58	PK
15540	40.56	13.37	H	53.93	73.98	20.05	PK
15540	27.34	13.37	H	40.71	53.98	13.27	AV

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10400	43.89	8.59	V	52.48	68.20	15.72	PK
15600	39.84	13.39	V	53.23	73.98	20.75	PK
15600	26.89	13.39	V	40.28	53.98	13.70	AV
10400	43.90	8.59	H	52.49	68.20	15.71	PK
15600	40.29	13.39	H	53.68	73.98	20.30	PK
15600	26.83	13.39	H	40.22	53.98	13.76	AV

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10480	43.72	8.93	V	52.65	68.20	15.55	PK
15720	39.72	13.32	V	53.04	73.98	20.94	PK
15720	26.63	13.32	V	39.95	53.98	14.03	AV
10480	43.76	8.93	H	52.69	68.20	15.51	PK
15720	39.96	13.32	H	53.28	73.98	20.70	PK
15720	26.62	13.32	H	39.94	53.98	14.04	AV

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10520	42.69	9.45	V	52.14	68.20	16.06	PK
15780	40.25	13.43	V	53.68	73.98	20.30	PK
15780	27.26	13.43	V	40.69	53.98	13.29	AV
10520	42.80	9.45	H	52.25	68.20	15.95	PK
15780	40.70	13.43	H	54.13	73.98	19.85	PK
15780	27.39	13.43	H	40.82	53.98	13.16	AV

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10600	42.35	9.94	V	52.29	73.98	21.69	PK
10600	29.40	9.94	V	39.34	53.98	14.64	AV
15900	41.23	12.86	V	54.09	73.98	19.89	PK
15900	27.61	12.86	V	40.47	53.98	13.51	AV
10600	42.49	9.94	H	52.43	73.98	21.55	PK
10600	29.24	9.94	H	39.18	53.98	14.80	AV
15900	41.20	12.86	H	54.06	73.98	19.92	PK
15900	27.71	12.86	H	40.57	53.98	13.41	AV

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10640	42.16	9.88	V	52.04	73.98	21.94	PK
10640	29.16	9.88	V	39.04	53.98	14.94	AV
15960	40.98	12.40	V	53.38	73.98	20.60	PK
15960	27.61	12.40	V	40.01	53.98	13.97	AV
10640	42.89	9.88	H	52.77	73.98	21.21	PK
10640	29.34	9.88	H	39.22	53.98	14.76	AV
15960	40.76	12.40	H	53.16	73.98	20.82	PK
15960	27.58	12.40	H	39.98	53.98	14.00	AV

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11000	42.05	10.60	V	52.65	73.98	21.33	PK
11000	29.04	10.60	V	39.64	53.98	14.34	AV
16500	41.37	12.41	V	53.78	68.20	14.42	PK
11000	42.33	10.60	H	52.93	73.98	21.05	PK
11000	28.96	10.60	H	39.56	53.98	14.42	AV
16500	41.60	12.41	H	54.01	68.20	14.19	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11200	41.90	10.51	V	52.41	73.98	21.57	PK
11200	28.67	10.51	V	39.18	53.98	14.80	AV
16800	40.89	13.31	V	54.20	68.20	14.00	PK
11200	42.10	10.51	H	52.61	73.98	21.37	PK
11200	28.78	10.51	H	39.29	53.98	14.69	AV
16800	41.71	13.31	H	55.02	68.20	13.18	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11440	41.90	11.11	V	53.01	73.98	20.97	PK
11440	28.04	11.11	V	39.15	53.98	14.83	AV
17160	40.98	13.99	V	54.97	68.20	13.23	PK
11440	41.21	11.11	H	52.32	73.98	21.66	PK
11440	28.01	11.11	H	39.12	53.98	14.86	AV
17160	40.60	13.99	H	54.59	68.20	13.61	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11490	42.27	10.96	V	53.23	73.98	20.75	PK
11490	28.59	10.96	V	39.55	53.98	14.43	AV
17235	41.11	14.71	V	55.82	68.20	12.38	PK
11490	41.36	10.96	H	52.32	73.98	21.66	PK
11490	28.44	10.96	H	39.40	53.98	14.58	AV
17235	41.60	14.71	H	56.31	68.20	11.89	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11570	41.82	10.17	V	51.99	73.98	21.99	PK
11570	28.58	10.17	V	38.75	53.98	15.23	AV
17355	40.58	15.76	V	56.34	68.20	11.86	PK
11570	42.16	10.17	H	52.33	73.98	21.65	PK
11570	28.54	10.17	H	38.71	53.98	15.27	AV
17355	40.76	15.76	H	56.52	68.20	11.68	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11650	42.17	12.41	V	54.58	73.98	19.40	PK
11650	28.63	12.41	V	41.04	53.98	12.94	AV
17475	41.39	17.11	V	58.50	68.20	9.70	PK
11650	41.66	12.41	H	54.07	73.98	19.91	PK
11650	28.60	12.41	H	41.01	53.98	12.97	AV
17475	40.53	17.11	H	57.64	68.20	10.56	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11690	42.20	9.79	V	51.99	73.98	21.99	PK
11690	28.87	9.79	V	38.66	53.98	15.32	AV
17535	40.19	17.76	V	57.95	68.20	10.25	PK
11690	42.92	9.79	H	52.71	73.98	21.27	PK
11690	28.75	9.79	H	38.54	53.98	15.44	AV
17535	39.94	17.76	H	57.70	68.20	10.50	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11730	42.33	9.36	V	51.69	73.98	22.29	PK
11730	28.73	9.36	V	38.09	53.98	15.89	AV
17595	40.80	17.85	V	58.65	68.20	9.55	PK
11730	41.82	9.36	H	51.18	73.98	22.80	PK
11730	28.90	9.36	H	38.26	53.98	15.72	AV
17595	41.43	17.85	H	59.28	68.20	8.92	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11770	41.72	8.99	V	50.71	73.98	23.27	PK
11770	28.88	8.99	V	37.87	53.98	16.11	AV
17655	40.57	18.20	V	58.77	68.20	9.43	PK
11770	41.86	8.99	H	50.85	73.98	23.13	PK
11770	28.86	8.99	H	37.85	53.98	16.13	AV
17655	41.52	18.20	H	59.72	68.20	8.48	PK

2) 242 Tone RU 61

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10360	44.14	8.54	V	52.68	68.20	15.52	PK
15540	40.19	13.37	V	53.56	73.98	20.42	PK
15540	27.24	13.37	V	40.61	53.98	13.37	AV
10360	43.43	8.54	H	51.97	68.20	16.23	PK
15540	40.10	13.37	H	53.47	73.98	20.51	PK
15540	26.97	13.37	H	40.34	53.98	13.64	AV

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10400	43.45	8.59	V	52.04	68.20	16.16	PK
15600	39.85	13.39	V	53.24	73.98	20.74	PK
15600	26.73	13.39	V	40.12	53.98	13.86	AV
10400	43.73	8.59	H	52.32	68.20	15.88	PK
15600	40.02	13.39	H	53.41	73.98	20.57	PK
15600	27.45	13.39	H	40.84	53.98	13.14	AV

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10480	43.29	8.93	V	52.22	68.20	15.98	PK
15720	42.00	13.32	V	55.32	73.98	18.66	PK
15720	27.85	13.32	V	41.17	53.98	12.81	AV
10480	43.30	8.93	H	52.23	68.20	15.97	PK
15720	39.83	13.32	H	53.15	73.98	20.83	PK
15720	26.58	13.32	H	39.90	53.98	14.08	AV

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10520	43.76	9.45	V	53.21	68.20	14.99	PK
15780	39.92	13.43	V	53.35	73.98	20.63	PK
15780	27.32	13.43	V	40.75	53.98	13.23	AV
10520	43.63	9.45	H	53.08	68.20	15.12	PK
15780	40.44	13.43	H	53.87	73.98	20.11	PK
15780	27.25	13.43	H	40.68	53.98	13.30	AV

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10600	42.28	9.94	V	52.22	73.98	21.76	PK
10600	29.24	9.94	V	39.18	53.98	14.80	AV
15900	41.87	12.86	V	54.73	73.98	19.25	PK
15900	27.69	12.86	V	40.55	53.98	13.43	AV
10600	43.01	9.94	H	52.95	73.98	21.03	PK
10600	29.23	9.94	H	39.17	53.98	14.81	AV
15900	40.65	12.86	H	53.51	73.98	20.47	PK
15900	27.80	12.86	H	40.66	53.98	13.32	AV

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10640	43.24	9.88	V	53.12	73.98	20.86	PK
10640	29.34	9.88	V	39.22	53.98	14.76	AV
15960	41.03	12.40	V	53.43	73.98	20.55	PK
15960	27.38	12.40	V	39.78	53.98	14.20	AV
10640	42.37	9.88	H	52.25	73.98	21.73	PK
10640	29.21	9.88	H	39.09	53.98	14.89	AV
15960	40.69	12.40	H	53.09	73.98	20.89	PK
15960	27.54	12.40	H	39.94	53.98	14.04	AV

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11000	42.64	10.60	V	53.24	73.98	20.74	PK
11000	28.86	10.60	V	39.46	53.98	14.52	AV
16500	41.71	12.41	V	54.12	68.20	14.08	PK
11000	42.34	10.60	H	52.94	73.98	21.04	PK
11000	28.87	10.60	H	39.47	53.98	14.51	AV
16500	41.52	12.41	H	53.93	68.20	14.27	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11200	42.00	10.51	V	52.51	73.98	21.47	PK
11200	28.69	10.51	V	39.20	53.98	14.78	AV
16800	41.16	13.31	V	54.47	68.20	13.73	PK
11200	42.32	10.51	H	52.83	73.98	21.15	PK
11200	28.81	10.51	H	39.32	53.98	14.66	AV
16800	41.00	13.31	H	54.31	68.20	13.89	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11440	41.30	11.11	V	52.41	73.98	21.57	PK
11440	28.02	11.11	V	39.13	53.98	14.85	AV
17160	41.22	13.99	V	55.21	68.20	12.99	PK
11440	41.70	11.11	H	52.81	73.98	21.17	PK
11440	27.97	11.11	H	39.08	53.98	14.90	AV
17160	40.82	13.99	H	54.81	68.20	13.39	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11490	41.82	10.96	V	52.78	73.98	21.20	PK
11490	28.50	10.96	V	39.46	53.98	14.52	AV
17235	41.00	14.71	V	55.71	68.20	12.49	PK
11490	41.65	10.96	H	52.61	73.98	21.37	PK
11490	28.37	10.96	H	39.33	53.98	14.65	AV
17235	40.55	14.71	H	55.26	68.20	12.94	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11570	41.56	10.17	V	51.73	73.98	22.25	PK
11570	28.54	10.17	V	38.71	53.98	15.27	AV
17355	40.37	15.76	V	56.13	68.20	12.07	PK
11570	41.60	10.17	H	51.77	73.98	22.21	PK
11570	28.54	10.17	H	38.71	53.98	15.27	AV
17355	40.39	15.76	H	56.15	68.20	12.05	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11650	41.53	12.41	V	53.94	73.98	20.04	PK
11650	28.70	12.41	V	41.11	53.98	12.87	AV
17475	40.52	17.11	V	57.63	68.20	10.57	PK
11650	42.61	12.41	H	55.02	73.98	18.96	PK
11650	28.68	12.41	H	41.09	53.98	12.89	AV
17475	40.07	17.11	H	57.18	68.20	11.02	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11690	42.37	9.79	V	52.16	73.98	21.82	PK
11690	28.83	9.79	V	38.62	53.98	15.36	AV
17535	39.73	17.76	V	57.49	68.20	10.71	PK
11690	41.80	9.79	H	51.59	73.98	22.39	PK
11690	28.83	9.79	H	38.62	53.98	15.36	AV
17535	39.81	17.76	H	57.57	68.20	10.63	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11730	42.04	9.36	V	51.40	73.98	22.58	PK
11730	28.83	9.36	V	38.19	53.98	15.79	AV
17595	41.01	17.85	V	58.86	68.20	9.34	PK
11730	42.36	9.36	H	51.72	73.98	22.26	PK
11730	28.87	9.36	H	38.23	53.98	15.75	AV
17595	40.61	17.85	H	58.46	68.20	9.74	PK

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

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11770	43.47	8.99	V	52.46	73.98	21.52	PK
11770	28.91	8.99	V	37.90	53.98	16.08	AV
17655	40.66	18.20	V	58.86	68.20	9.34	PK
11770	42.76	8.99	H	51.75	73.98	22.23	PK
11770	28.97	8.99	H	37.96	53.98	16.02	AV
17655	41.82	18.20	H	60.02	68.20	8.18	PK

Note:

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

10.8.2 802.11ax(HE160)

1) SU

Band :	UNII 1&2A
Operation Mode:	802.11ax(HE160)
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10500	43.12	9.02	V	52.14	68.20	16.06	PK
15750	39.32	13.45	V	52.77	73.98	21.21	PK
15750	28.41	13.45	V	41.86	53.98	12.12	AV
10500	43.29	9.02	H	52.31	68.20	15.89	PK
15750	39.57	13.45	H	53.02	73.98	20.96	PK
15750	28.52	13.45	H	41.97	53.98	12.01	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE160)
Transfer MCS Index:	MCS0
Operating Frequency	5570 MHz
Channel No.	114 Ch

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11140	41.71	10.66	V	52.37	73.98	21.61	PK
11140	29.69	10.66	V	40.35	53.98	13.63	AV
16710	40.32	12.72	V	53.04	68.20	15.16	PK
11140	41.89	10.66	H	52.55	73.98	21.43	PK
11140	29.82	10.66	H	40.48	53.98	13.50	AV
16710	40.44	12.72	H	53.16	68.20	15.04	PK

Band :	UNII 3&4
Operation Mode:	802.11ax(HE160)
Transfer MCS Index:	MCS0
Operating Frequency	5815 MHz
Channel No.	163 Ch

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11630	42.32	9.84	V	52.16	73.98	21.82	PK
11630	29.88	9.84	V	39.72	53.98	14.26	AV
17445	39.82	16.96	V	56.78	68.20	11.42	PK
11630	42.45	9.84	H	52.29	73.98	21.69	PK
11630	29.95	9.84	H	39.79	53.98	14.19	AV
17445	39.92	16.96	H	56.88	68.20	11.32	PK

Note:

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

10.8.3 802.11ax(HE160)

1) 996 Tone x2 RU68

Band :	UNII 1&2A
Operation Mode:	802.11ax(HE160)
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
10500	42.77	9.02	V	51.79	68.20	16.41	PK
15750	40.02	13.45	V	53.47	73.98	20.51	PK
15750	28.21	13.45	V	41.66	53.98	12.32	AV
10500	42.87	9.02	H	51.89	68.20	16.31	PK
15750	40.15	13.45	H	53.60	73.98	20.38	PK
15750	28.37	13.45	H	41.82	53.98	12.16	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE160)
Transfer MCS Index:	MCS0
Operating Frequency	5570 MHz
Channel No.	114 Ch

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11140	42.33	10.66	V	52.99	73.98	20.99	PK
11140	29.62	10.66	V	40.28	53.98	13.70	AV
16710	40.85	12.72	V	53.57	68.20	14.63	PK
11140	42.44	10.66	H	53.10	73.98	20.88	PK
11140	29.77	10.66	H	40.43	53.98	13.55	AV
16710	40.95	12.72	H	53.67	68.20	14.53	PK

Band :	UNII 3&4
Operation Mode:	802.11ax(HE160)
Transfer MCS Index:	MCS0
Operating Frequency	5815 MHz
Channel No.	163 Ch

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11630	41.51	9.84	V	51.35	73.98	22.63	PK
11630	29.94	9.84	V	39.78	53.98	14.20	AV
17445	40.95	16.96	V	57.91	68.20	10.29	PK
11630	41.70	9.84	H	51.54	73.98	22.44	PK
11630	30.07	9.84	H	39.91	53.98	14.07	AV
17445	41.02	16.96	H	57.98	68.20	10.22	PK

Note:

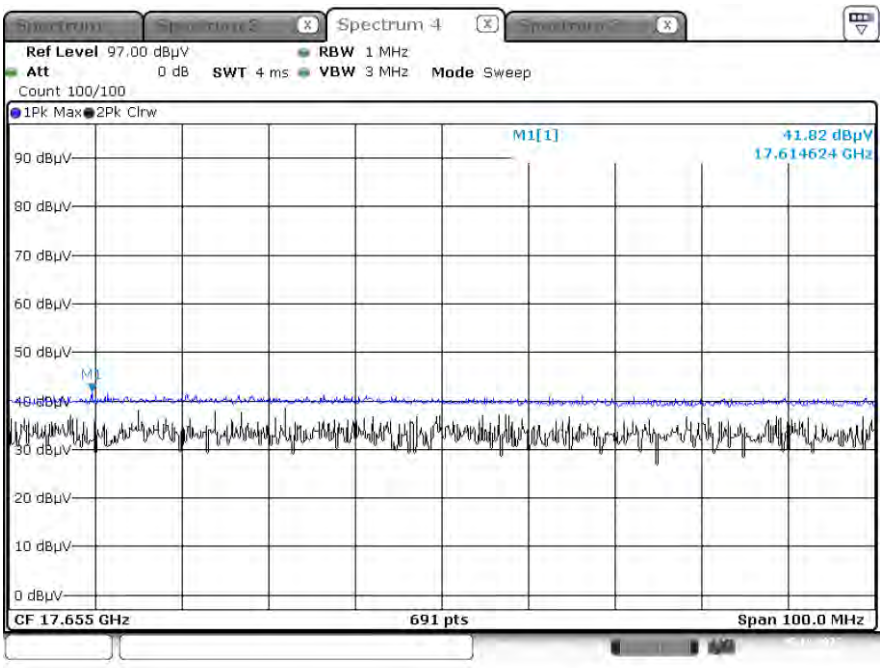
All Modes of operation were investigated and the worst case configuration results are reported.
In order to simplify the report, We only have attached RSE result of worst case.

▣ Test Plots

[MIMO_CDD(Ant1+Ant2)]

Radiated Spurious Emissions plot - Peak result

(802.11ax HE20, Ch.177 242 Tone RU61 3rd Spurious Emission, Z-H)



Note:

Only the worst case plots for Radiated Spurious Emissions.

10.9 RADIATED RESTRICTED BAND EDGE

10.9.1 MIMO_CDD(Ant1+Ant2)

1) 802.11ax(HE20)

1.1) 26 Tone

Band :	UNII 1
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5180 MHz
Channel No.	36 Ch
RU offset.	0

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	41.02	14.04	H	55.06	73.98	18.92	PK
5150	28.27	14.04	H	42.31	53.98	11.67	AV
5150	40.86	14.04	V	54.90	73.98	19.08	PK
5150	28.22	14.04	V	42.26	53.98	11.72	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5320 MHz
Channel No.	64 Ch
RU offset.	8

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	40.37	13.83	H	54.20	73.98	19.78	PK
5350	27.62	13.83	H	41.45	53.98	12.53	AV
5350	40.12	13.83	V	53.95	73.98	20.03	PK
5350	27.58	13.83	V	41.41	53.98	12.57	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5500 MHz
Channel No.	100 Ch
RU offset.	0

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	40.89	14.65	H	55.54	73.98	18.44	PK
5460	27.70	14.65	H	42.35	53.98	11.63	AV
5470	40.83	14.64	H	55.47	68.20	12.73	PK
5460	40.65	14.65	V	55.30	73.98	18.68	PK
5460	27.46	14.65	V	42.11	53.98	11.87	AV
5470	40.66	14.64	V	55.30	68.20	12.90	PK

1.2) 52 Tone

Band :	UNII 1
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5180 MHz
Channel No.	36 Ch
RU offset.	37

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	41.66	14.04	H	55.70	73.98	18.28	PK
5150	28.32	14.04	H	42.36	53.98	11.62	AV
5150	41.46	14.04	V	55.50	73.98	18.48	PK
5150	28.01	14.04	V	42.05	53.98	11.93	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5320 MHz
Channel No.	64 Ch
RU offset.	40

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	40.86	13.83	H	54.69	73.98	19.29	PK
5350	27.95	13.83	H	41.78	53.98	12.20	AV
5350	40.64	13.83	V	54.47	73.98	19.51	PK
5350	27.78	13.83	V	41.61	53.98	12.37	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5500 MHz
Channel No.	100 Ch
RU offset.	37

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	40.96	14.65	H	55.61	73.98	18.37	PK
5460	27.91	14.65	H	42.56	53.98	11.42	AV
5470	42.03	14.64	H	56.67	68.20	11.53	PK
5460	40.68	14.65	V	55.33	73.98	18.65	PK
5460	27.77	14.65	V	42.42	53.98	11.56	AV
5470	41.82	14.64	V	56.46	68.20	11.74	PK

1.3) 106 Tone

Band :	UNII 1
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5180 MHz
Channel No.	36 Ch
RU offset.	53

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	40.72	14.04	H	54.76	73.98	19.22	PK
5150	28.27	14.04	H	42.31	53.98	11.67	AV
5150	40.43	14.04	V	54.47	73.98	19.51	PK
5150	28.02	14.04	V	42.06	53.98	11.92	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5320 MHz
Channel No.	64 Ch
RU offset.	54

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	41.53	13.83	H	55.36	73.98	18.62	PK
5350	28.42	13.83	H	42.25	53.98	11.73	AV
5350	41.20	13.83	V	55.03	73.98	18.95	PK
5350	28.16	13.83	V	41.99	53.98	11.99	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5500 MHz
Channel No.	100 Ch
RU offset.	53

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	41.62	14.65	H	56.27	73.98	17.71	PK
5460	28.11	14.65	H	42.76	53.98	11.22	AV
5470	44.51	14.64	H	59.15	68.20	9.05	PK
5460	41.34	14.65	V	55.99	73.98	17.99	PK
5460	27.99	14.65	V	42.64	53.98	11.34	AV
5470	44.22	14.64	V	58.86	68.20	9.34	PK

1.4) 242 Tone

Band :	UNII 1
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5180 MHz
Channel No.	36 Ch
RU offset.	61

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	43.42	14.04	H	57.46	73.98	16.52	PK
5150	29.09	14.04	H	43.13	53.98	10.85	AV
5150	43.18	14.04	V	57.22	73.98	16.76	PK
5150	28.88	14.04	V	42.92	53.98	11.06	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5320 MHz
Channel No.	64 Ch
RU offset.	61

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	45.65	13.83	H	59.48	73.98	14.50	PK
5350	29.08	13.83	H	42.91	53.98	11.07	AV
5350	45.33	13.83	V	59.16	73.98	14.82	PK
5350	28.90	13.83	V	42.73	53.98	11.25	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5500 MHz
Channel No.	100 Ch
RU offset.	61

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	49.39	14.65	H	64.04	73.98	9.94	PK
5460	30.06	14.65	H	44.71	53.98	9.27	AV
# 5470	47.39	14.64	H	62.03	68.20	6.17	PK
5460	48.91	14.65	V	63.56	73.98	10.42	PK
5460	29.67	14.65	V	44.32	53.98	9.66	AV
# 5470	47.03	14.64	V	61.67	68.20	6.53	PK

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

1.5) SU

Band :	UNII 1
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5180 MHz
Channel No.	36 Ch
RU offset.	None

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	42.03	14.04	H	56.07	73.98	17.91	PK
5150	28.38	14.04	H	42.42	53.98	11.56	AV
5150	41.78	14.04	V	55.82	73.98	18.16	PK
5150	28.11	14.04	V	42.15	53.98	11.83	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5320 MHz
Channel No.	64 Ch
RU offset.	None

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	41.45	13.83	H	55.28	73.98	18.70	PK
5350	28.55	13.83	H	42.38	53.98	11.60	AV
5350	41.24	13.83	V	55.07	73.98	18.91	PK
5350	28.23	13.83	V	42.06	53.98	11.92	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5500 MHz
Channel No.	100 Ch
RU offset.	None

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	40.98	14.65	H	55.63	73.98	18.35	PK
5460	27.98	14.65	H	42.63	53.98	11.35	AV
5470	41.58	14.64	H	56.22	68.20	11.98	PK
5460	40.76	14.65	V	55.41	73.98	18.57	PK
5460	27.73	14.65	V	42.38	53.98	11.60	AV
5470	41.23	14.64	V	55.87	68.20	12.33	PK

2) 802.11ax(HE40)

2.1) 26 Tone

Band :	UNII 1
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5190 MHz
Channel No.	38 Ch
RU offset.	0

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	41.11	14.04	H	55.15	73.98	18.83	PK
5150	29.01	14.04	H	43.05	53.98	10.93	AV
5150	40.87	14.04	V	54.91	73.98	19.07	PK
5150	28.76	14.04	V	42.80	53.98	11.18	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5310 MHz
Channel No.	62 Ch
RU offset.	17

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	40.38	13.83	H	54.21	73.98	19.77	PK
5350	27.41	13.83	H	41.24	53.98	12.74	AV
5350	40.12	13.83	V	53.95	73.98	20.03	PK
5350	27.35	13.83	V	41.18	53.98	12.80	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5510 MHz
Channel No.	102 Ch
RU offset.	0

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	40.58	14.65	H	55.23	73.98	18.75	PK
5460	27.45	14.65	H	42.10	53.98	11.88	AV
5470	40.38	14.64	H	55.02	68.20	13.18	PK
5460	40.37	14.65	V	55.02	73.98	18.96	PK
5460	27.33	14.65	V	41.98	53.98	12.00	AV
5470	40.02	14.64	V	54.66	68.20	13.54	PK

2.2) 52 Tone

Band :	UNII 1
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5190 MHz
Channel No.	38 Ch
RU offset.	37

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	41.22	14.04	H	55.26	73.98	18.72	PK
5150	28.32	14.04	H	42.36	53.98	11.62	AV
5150	40.87	14.04	V	54.91	73.98	19.07	PK
5150	28.04	14.04	V	42.08	53.98	11.90	AV

Band :	UNII 1
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5310 MHz
Channel No.	62 Ch
RU offset.	44

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	41.51	13.83	H	55.34	73.98	18.64	PK
5350	28.41	13.83	H	42.24	53.98	11.74	AV
5350	41.25	13.83	V	55.08	73.98	18.90	PK
5350	28.12	13.83	V	41.95	53.98	12.03	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5510 MHz
Channel No.	102 Ch
RU offset.	37

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	40.72	14.65	H	55.37	73.98	18.61	PK
5460	27.75	14.65	H	42.40	53.98	11.58	AV
5470	40.46	14.64	H	55.10	68.20	13.10	PK
5460	40.43	14.65	V	55.08	73.98	18.90	PK
5460	27.46	14.65	V	42.11	53.98	11.87	AV
5470	40.22	14.64	V	54.86	68.20	13.34	PK

2.3) 106 Tone

Band :	UNII 1
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5190 MHz
Channel No.	38 Ch
RU offset.	53

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	41.02	14.04	H	55.06	73.98	18.92	PK
5150	28.29	14.04	H	42.33	53.98	11.65	AV
5150	40.88	14.04	V	54.92	73.98	19.06	PK
5150	27.87	14.04	V	41.91	53.98	12.07	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5310 MHz
Channel No.	62 Ch
RU offset.	56

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	42.62	13.83	H	56.45	73.98	17.53	PK
5350	28.25	13.83	H	42.08	53.98	11.90	AV
5350	42.23	13.83	V	56.06	73.98	17.92	PK
5350	27.90	13.83	V	41.73	53.98	12.25	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5510 MHz
Channel No.	102 Ch
RU offset.	53

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	40.68	14.65	H	55.33	73.98	18.65	PK
5460	27.94	14.65	H	42.59	53.98	11.39	AV
5470	43.24	14.64	H	57.88	68.20	10.32	PK
5460	40.26	14.65	V	54.91	73.98	19.07	PK
5460	27.76	14.65	V	42.41	53.98	11.57	AV
5470	42.97	14.64	V	57.61	68.20	10.59	PK

2.4) 242 Tone

Band :	UNII 1
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5190 MHz
Channel No.	38 Ch
RU offset.	61

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	42.25	14.04	H	56.29	73.98	17.69	PK
5150	28.41	14.04	H	42.45	53.98	11.53	AV
5150	41.87	14.04	V	55.91	73.98	18.07	PK
5150	28.13	14.04	V	42.17	53.98	11.81	AV

Band :	UNII 1
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5310 MHz
Channel No.	62 Ch
RU offset.	62

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	43.09	13.83	H	56.92	73.98	17.06	PK
5350	29.05	13.83	H	42.88	53.98	11.10	AV
5350	42.76	13.83	V	56.59	73.98	17.39	PK
5350	28.87	13.83	V	42.70	53.98	11.28	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5510 MHz
Channel No.	102 Ch
RU offset.	61

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	41.06	14.65	H	55.71	73.98	18.27	PK
5460	28.35	14.65	H	43.00	53.98	10.98	AV
5470	45.85	14.64	H	60.49	68.20	7.71	PK
5460	40.82	14.65	V	55.47	73.98	18.51	PK
5460	28.10	14.65	V	42.75	53.98	11.23	AV
5470	45.67	14.64	V	60.31	68.20	7.89	PK

2.5) 484 Tone

Band :	UNII 1
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5190 MHz
Channel No.	38 Ch
RU offset.	65

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	43.36	14.04	H	57.40	73.98	16.58	PK
5150	30.35	14.04	H	44.39	53.98	9.59	AV
5150	42.86	14.04	V	56.90	73.98	17.08	PK
5150	30.08	14.04	V	44.12	53.98	9.86	AV

Band :	UNII 1
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5310 MHz
Channel No.	62 Ch
RU offset.	65

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	44.89	13.83	H	58.72	73.98	15.26	PK
5350	30.47	13.83	H	44.30	53.98	9.68	AV
5350	44.50	13.83	V	58.33	73.98	15.65	PK
5350	30.12	13.83	V	43.95	53.98	10.03	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5510 MHz
Channel No.	102 Ch
RU offset.	65

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	43.83	14.65	H	58.48	73.98	15.50	PK
5460	30.23	14.65	H	44.88	53.98	9.10	AV
5470	48.24	14.64	H	62.88	68.20	5.32	PK
5460	43.55	14.65	V	58.20	73.98	15.78	PK
5460	29.99	14.65	V	44.64	53.98	9.34	AV
5470	47.83	14.64	V	62.47	68.20	5.73	PK

2.6) SU

Band :	UNII 1
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5190 MHz
Channel No.	38 Ch
RU offset.	None

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	42.22	14.04	H	56.26	73.98	17.72	PK
5150	29.95	14.04	H	43.99	53.98	9.99	AV
5150	41.96	14.04	V	56.00	73.98	17.98	PK
5150	29.78	14.04	V	43.82	53.98	10.16	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5310 MHz
Channel No.	62 Ch
RU offset.	None

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	42.57	13.83	H	56.40	73.98	17.58	PK
5350	29.96	13.83	H	43.79	53.98	10.19	AV
5350	42.23	13.83	V	56.06	73.98	17.92	PK
5350	29.67	13.83	V	43.50	53.98	10.48	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5510 MHz
Channel No.	102 Ch
RU offset.	None

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	42.01	14.65	H	56.66	73.98	17.32	PK
5460	28.82	14.65	H	43.47	53.98	10.51	AV
5470	42.51	14.64	H	57.15	68.20	11.05	PK
5460	41.76	14.65	V	56.41	73.98	17.57	PK
5460	28.67	14.65	V	43.32	53.98	10.66	AV
5470	42.24	14.64	V	56.88	68.20	11.32	PK

3) 802.11ax(HE80)

3.1) 26 Tone

Band :	UNII 1
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5210 MHz
Channel No.	42 Ch
RU offset.	0

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	40.55	14.04	H	54.59	73.98	19.39	PK
5150	28.14	14.04	H	42.18	53.98	11.80	AV
5150	40.40	14.04	V	54.44	73.98	19.54	PK
5150	28.08	14.04	V	42.12	53.98	11.86	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5290 MHz
Channel No.	58 Ch
RU offset.	36

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	42.41	13.83	H	56.24	73.98	17.74	PK
5350	27.38	13.83	H	41.21	53.98	12.77	AV
5350	42.33	13.83	V	56.16	73.98	17.82	PK
5350	27.35	13.83	V	41.18	53.98	12.80	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5530 MHz
Channel No.	106 Ch
RU offset.	0

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	41.24	14.65	H	55.89	73.98	18.09	PK
5460	27.89	14.65	H	42.54	53.98	11.44	AV
5470	42.64	14.64	H	57.28	68.20	10.92	PK
5460	41.14	14.65	V	55.79	73.98	18.19	PK
5460	27.81	14.65	V	42.46	53.98	11.52	AV
5470	42.50	14.64	V	57.14	68.20	11.06	PK

3.2) 52 Tone

Band :	UNII 1
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5210 MHz
Channel No.	42 Ch
RU offset.	37

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	42.54	14.04	H	56.58	73.98	17.40	PK
5150	28.24	14.04	H	42.28	53.98	11.70	AV
5150	42.25	14.04	V	56.29	73.98	17.69	PK
5150	28.03	14.04	V	42.07	53.98	11.91	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5290 MHz
Channel No.	58 Ch
RU offset.	52

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	42.93	13.83	H	56.76	73.98	17.22	PK
5350	27.99	13.83	H	41.82	53.98	12.16	AV
5350	42.62	13.83	V	56.45	73.98	17.53	PK
5350	27.73	13.83	V	41.56	53.98	12.42	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5530 MHz
Channel No.	106 Ch
RU offset.	37

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	41.36	14.65	H	56.01	73.98	17.97	PK
5460	27.73	14.65	H	42.38	53.98	11.60	AV
5470	42.64	14.64	H	57.28	68.20	10.92	PK
5460	41.08	14.65	V	55.73	73.98	18.25	PK
5460	27.62	14.65	V	42.27	53.98	11.71	AV
5470	42.19	14.64	V	56.83	68.20	11.37	PK

3.3) 106 Tone

Band :	UNII 1
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5210 MHz
Channel No.	42 Ch
RU offset.	53

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	46.15	14.04	H	60.19	73.98	13.79	PK
5150	28.45	14.04	H	42.49	53.98	11.49	AV
5150	45.92	14.04	V	59.96	73.98	14.02	PK
5150	28.33	14.04	V	42.37	53.98	11.61	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5290 MHz
Channel No.	58 Ch
RU offset.	60

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	42.57	13.83	H	56.40	73.98	17.58	PK
5350	28.35	13.83	H	42.18	53.98	11.80	AV
5350	42.38	13.83	V	56.21	73.98	17.77	PK
5350	28.12	13.83	V	41.95	53.98	12.03	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5530 MHz
Channel No.	106 Ch
RU offset.	53

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	47.58	14.65	H	62.23	73.98	11.75	PK
5460	28.21	14.65	H	42.86	53.98	11.12	AV
5470	50.47	14.64	H	65.11	68.20	3.09	PK
5460	47.23	14.65	V	61.88	73.98	12.10	PK
5460	28.09	14.65	V	42.74	53.98	11.24	AV
5470	50.19	14.64	V	64.83	68.20	3.37	PK

3.4) 242 Tone

Band :	UNII 1
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5210 MHz
Channel No.	42 Ch
RU offset.	61

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	46.77	14.04	H	60.81	73.98	13.17	PK
5150	29.12	14.04	H	43.16	53.98	10.82	AV
5150	46.52	14.04	V	60.56	73.98	13.42	PK
5150	28.89	14.04	V	42.93	53.98	11.05	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5290 MHz
Channel No.	58 Ch
RU offset.	64

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	45.95	13.83	H	59.78	73.98	14.20	PK
5350	28.79	13.83	H	42.62	53.98	11.36	AV
5350	45.60	13.83	V	59.43	73.98	14.55	PK
5350	28.43	13.83	V	42.26	53.98	11.72	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5530 MHz
Channel No.	106 Ch
RU offset.	61

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	45.35	14.65	H	60.00	73.98	13.98	PK
5460	28.42	14.65	H	43.07	53.98	10.91	AV
5470	50.10	14.64	H	64.74	68.20	3.46	PK
5460	45.09	14.65	V	59.74	73.98	14.24	PK
5460	28.12	14.65	V	42.77	53.98	11.21	AV
5470	49.76	14.64	V	64.40	68.20	3.80	PK

3.5) 484 Tone

Band :	UNII 1
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5210 MHz
Channel No.	42 Ch
RU offset.	65

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	42.55	14.04	H	56.59	73.98	17.39	PK
5150	29.51	14.04	H	43.55	53.98	10.43	AV
5150	42.21	14.04	V	56.25	73.98	17.73	PK
5150	29.04	14.04	V	43.08	53.98	10.90	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5290 MHz
Channel No.	58 Ch
RU offset.	66

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	41.86	13.83	H	55.69	73.98	18.29	PK
5350	29.57	13.83	H	43.4	53.98	10.58	AV
5350	41.49	13.83	V	55.32	73.98	18.66	PK
5350	29.23	13.83	V	43.06	53.98	10.92	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5530 MHz
Channel No.	106 Ch
RU offset.	65

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	43.46	14.65	H	58.11	73.98	15.87	PK
5460	28.76	14.65	H	43.41	53.98	10.57	AV
5470	45.35	14.64	H	59.99	68.20	8.21	PK
5460	43.11	14.65	V	57.76	73.98	16.22	PK
5460	28.45	14.65	V	43.10	53.98	10.88	AV
5470	45.09	14.64	V	59.73	68.20	8.47	PK

3.6) 996 Tone

Band :	UNII 1
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5210 MHz
Channel No.	42 Ch
RU offset.	67

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	44.04	14.04	H	58.08	73.98	15.90	PK
5150	30.22	14.04	H	44.26	53.98	9.72	AV
5150	43.83	14.04	V	57.87	73.98	16.11	PK
5150	29.87	14.04	V	43.91	53.98	10.07	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5290 MHz
Channel No.	58 Ch
RU offset.	67

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	45.61	13.83	H	59.44	73.98	14.54	PK
5350	31.65	13.83	H	45.48	53.98	8.50	AV
5350	45.25	13.83	V	59.08	73.98	14.90	PK
5350	31.34	13.83	V	45.17	53.98	8.81	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5530 MHz
Channel No.	106 Ch
RU offset.	67

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	46.43	14.65	H	61.08	73.98	12.90	PK
5460	31.08	14.65	H	45.73	53.98	8.25	AV
5470	46.65	14.64	H	61.29	68.20	6.91	PK
5460	46.12	14.65	V	60.77	73.98	13.21	PK
5460	30.82	14.65	V	45.47	53.98	8.51	AV
5470	46.25	14.64	V	60.89	68.20	7.31	PK

3.7) SU

Band :	UNII 1
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5210 MHz
Channel No.	42 Ch
RU offset.	None

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	41.77	14.04	H	55.81	73.98	18.17	PK
5150	29.53	14.04	H	43.57	53.98	10.41	AV
5150	41.43	14.04	V	55.47	73.98	18.51	PK
5150	29.38	14.04	V	43.42	53.98	10.56	AV

Band :	UNII 2A
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5290 MHz
Channel No.	58 Ch
RU offset.	None

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	43.25	13.83	H	57.08	73.98	16.90	PK
5350	30.68	13.83	H	44.51	53.98	9.47	AV
5350	43.09	13.83	V	56.92	73.98	17.06	PK
5350	30.28	13.83	V	44.11	53.98	9.87	AV

Band :	UNII 2C
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5530 MHz
Channel No.	106 Ch
RU offset.	None

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	41.72	14.65	H	56.37	73.98	17.61	PK
5460	29.53	14.65	H	44.18	53.98	9.80	AV
5470	41.55	14.64	H	56.19	68.20	12.01	PK
5460	41.47	14.65	V	56.12	73.98	17.86	PK
5460	29.33	14.65	V	43.98	53.98	10.00	AV
5470	41.28	14.64	V	55.92	68.20	12.28	PK

4) 802.11ax(HE160)

4.1) 26 Tone

Band :	UNII 1 Low edge
Operation Mode:	802.11ax_HE160(80L)
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	0

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	41.12	14.04	H	55.16	73.98	18.82	PK
5150	28.12	14.04	H	42.16	53.98	11.82	AV
5150	41.02	14.04	V	55.06	73.98	18.92	PK
5150	28.04	14.04	V	42.08	53.98	11.90	AV

Band :	UNII 2A Upper edge
Operation Mode:	802.11ax_HE160(80U)
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	36

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	48.94	13.83	H	62.77	73.98	11.21	PK
5350	28.32	13.83	H	42.15	53.98	11.83	AV
5350	48.76	13.83	V	62.59	73.98	11.39	PK
5350	28.22	13.83	V	42.05	53.98	11.93	AV

Band :	UNII 2C Low edge
Operation Mode:	802.11ax_HE160(80L)
Transfer MCS Index:	MCS0
Operating Frequency	5570 MHz
Channel No.	114 Ch
RU offset.	0

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	50.54	14.65	H	65.19	73.98	8.79	PK
5460	27.87	14.65	H	42.52	53.98	11.46	AV
# 5470	45.62	14.64	H	60.26	68.20	7.94	PK
5460	50.23	14.65	V	64.88	73.98	9.10	PK
5460	27.67	14.65	V	42.32	53.98	11.66	AV
# 5470	45.33	14.64	V	59.97	68.20	8.23	PK

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

4.2) 52 Tone

Band :	UNII 1 Low edge
Operation Mode:	802.11ax_HE160(80L)
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	37

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	47.22	14.04	H	61.26	73.98	12.72	PK
5150	28.45	14.04	H	42.49	53.98	11.49	AV
5150	46.87	14.04	V	60.91	73.98	13.07	PK
5150	28.15	14.04	V	42.19	53.98	11.79	AV

Band :	UNII 2A Upper edge
Operation Mode:	802.11ax_HE160(80U)
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	52

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	54.05	13.83	H	67.88	73.98	6.10	PK
5350	28.18	13.83	H	42.01	53.98	11.97	AV
5350	53.78	13.83	V	67.61	73.98	6.37	PK
5350	27.88	13.83	V	41.71	53.98	12.27	AV

Band :	UNII 2C Low edge
Operation Mode:	802.11ax_HE160(80L)
Transfer MCS Index:	MCS0
Operating Frequency	5570 MHz
Channel No.	114 Ch
RU offset.	37

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	41.35	14.65	H	56.00	73.98	17.98	PK
5460	28.32	14.65	H	42.97	53.98	11.01	AV
5470	44.62	14.64	H	59.26	68.20	8.94	PK
5460	41.12	14.65	V	55.77	73.98	18.21	PK
5460	28.06	14.65	V	42.71	53.98	11.27	AV
5470	44.36	14.64	V	59.00	68.20	9.20	PK

4.3) 106 Tone

Band :	UNII 1 Low edge
Operation Mode:	802.11ax_HE160(80L)
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	53

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	52.60	14.04	H	66.64	73.98	7.34	PK
5150	28.78	14.04	H	42.82	53.98	11.16	AV
5150	52.29	14.04	V	66.33	73.98	7.65	PK
5150	28.43	14.04	V	42.47	53.98	11.51	AV

Band :	UNII 2A Upper edge
Operation Mode:	802.11ax_HE160(80U)
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	60

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	52.74	13.83	H	66.57	73.98	7.41	PK
5350	29.25	13.83	H	43.08	53.98	10.90	AV
5350	52.37	13.83	V	66.20	73.98	7.78	PK
5350	29.06	13.83	V	42.89	53.98	11.09	AV

Band :	UNII 2C Low edge
Operation Mode:	802.11ax_HE160(80L)
Transfer MCS Index:	MCS0
Operating Frequency	5570 MHz
Channel No.	114 Ch
RU offset.	53

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	50.99	14.65	H	65.64	73.98	8.34	PK
5460	28.78	14.65	H	43.43	53.98	10.55	AV
# 5470	45.32	14.64	H	59.96	68.20	8.24	PK
5460	50.67	14.65	V	65.32	73.98	8.66	PK
5460	28.47	14.65	V	43.12	53.98	10.86	AV
# 5470	45.12	14.64	V	59.76	68.20	8.44	PK

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

4.4) 242 Tone

Band :	UNII 1 Low edge
Operation Mode:	802.11ax_HE160(80L)
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	61

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
# 5150	48.55	14.04	H	62.59	73.98	11.39	PK
5150	29.68	14.04	H	43.72	53.98	10.26	AV
# 5150	48.06	14.04	V	62.10	73.98	11.88	PK
5150	29.23	14.04	V	43.27	53.98	10.71	AV

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

Band :	UNII 2A Upper edge
Operation Mode:	802.11ax_HE160(80U)
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	64

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	54.59	13.83	H	68.42	73.98	5.56	PK
5350	29.86	13.83	H	43.69	53.98	10.29	AV
5350	54.13	13.83	V	67.96	73.98	6.02	PK
5350	29.67	13.83	V	43.50	53.98	10.48	AV

Band :	UNII 2C Low edge
Operation Mode:	802.11ax_HE160(80L)
Transfer MCS Index:	MCS0
Operating Frequency	5570 MHz
Channel No.	114 Ch
RU offset.	61

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	51.56	14.65	H	66.21	73.98	7.77	PK
5460	28.32	14.65	H	42.97	53.98	11.01	AV
# 5470	47.12	14.64	H	61.76	68.20	6.44	PK
5460	51.34	14.65	V	65.99	73.98	7.99	PK
5460	28.13	14.65	V	42.78	53.98	11.20	AV
# 5470	46.82	14.64	V	61.46	68.20	6.74	PK

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

4.5) 484 Tone

Band :	UNII 1 Low edge
Operation Mode:	802.11ax_HE160(80L)
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	65

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	52.99	14.04	H	67.03	73.98	6.95	PK
5150	29.32	14.04	H	43.36	53.98	10.62	AV
5150	52.67	14.04	V	66.71	73.98	7.27	PK
5150	28.90	14.04	V	42.94	53.98	11.04	AV

Band :	UNII 2A Upper edge
Operation Mode:	802.11ax_HE160(80U)
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	66

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	51.56	13.83	H	65.39	73.98	8.59	PK
5350	31.25	13.83	H	45.08	53.98	8.90	AV
5350	51.27	13.83	V	65.10	73.98	8.88	PK
5350	30.96	13.83	V	44.79	53.98	9.19	AV

Band :	UNII 2C Low edge
Operation Mode:	802.11ax_HE160(80L)
Transfer MCS Index:	MCS0
Operating Frequency	5570 MHz
Channel No.	114 Ch
RU offset.	65

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	47.35	14.65	H	62.00	73.98	11.98	PK
5460	29.19	14.65	H	43.84	53.98	10.14	AV
# 5470	47.08	14.64	H	61.72	68.20	6.48	PK
5460	46.96	14.65	V	61.61	73.98	12.37	PK
5460	28.83	14.65	V	43.48	53.98	10.50	AV
# 5470	46.88	14.64	V	61.52	68.20	6.68	PK

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

4.6) 996 Tone

Band :	UNII 1 Low edge
Operation Mode:	802.11ax_HE160(80L)
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	67

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	51.43	14.04	H	65.47	73.98	8.51	PK
5150	30.45	14.04	H	44.49	53.98	9.49	AV
5150	51.12	14.04	V	65.16	73.98	8.82	PK
5150	30.06	14.04	V	44.10	53.98	9.88	AV

Band :	UNII 2A Upper edge
Operation Mode:	802.11ax_HE160(80U)
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	67

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	51.64	13.83	H	65.47	73.98	8.51	PK
5350	33.38	13.83	H	47.21	53.98	6.77	AV
5350	51.18	13.83	V	65.01	73.98	8.97	PK
5350	33.05	13.83	V	46.88	53.98	7.10	AV

Band :	UNII 2C Low edge
Operation Mode:	802.11ax_HE160(80L)
Transfer MCS Index:	MCS0
Operating Frequency	5570 MHz
Channel No.	114 Ch
RU offset.	67

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	48.55	14.65	H	63.20	73.98	10.78	PK
5460	30.57	14.65	H	45.22	53.98	8.76	AV
# 5470	47.98	14.64	H	62.62	68.20	5.58	PK
5460	48.15	14.65	V	62.80	73.98	11.18	PK
5460	30.17	14.65	V	44.82	53.98	9.16	AV
# 5470	47.67	14.64	V	62.31	68.20	5.89	PK

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

4.7) 802.11ax(HE160)_2x996 Tone

Band :	UNII 1 Low edge
Operation Mode:	802.11ax_HE160
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	68

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	48.96	14.04	H	63.00	73.98	10.98	PK
5150	31.22	14.04	H	45.26	53.98	8.72	AV
5150	48.72	14.04	V	62.76	73.98	11.22	PK
5150	30.89	14.04	V	44.93	53.98	9.05	AV

Band :	UNII 2A Upper edge
Operation Mode:	802.11ax_HE160
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	68

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	51.51	13.83	H	65.34	73.98	8.64	PK
5350	32.33	13.83	H	46.16	53.98	7.82	AV
5350	51.18	13.83	V	65.01	73.98	8.97	PK
5350	30.92	13.83	V	44.75	53.98	9.23	AV

Band :	UNII 2C Low edge
Operation Mode:	802.11ax_HE160
Transfer MCS Index:	MCS0
Operating Frequency	5570 MHz
Channel No.	114 Ch
RU offset.	68

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	48.60	14.65	H	63.25	73.98	10.73	PK
5460	31.85	14.65	H	46.50	53.98	7.48	AV
# 5470	44.22	14.64	H	58.86	68.20	9.34	PK
5460	47.78	14.65	V	62.43	73.98	11.55	PK
5460	31.67	14.65	V	46.32	53.98	7.66	AV
# 5470	43.73	14.64	V	58.37	68.20	9.83	PK

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

5) 802.11ax(HE160)_SU

Band :	UNII 1 Low edge
Operation Mode:	802.11ax_HE160
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	none

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5150	47.62	14.04	H	61.66	73.98	12.32	PK
5150	29.63	14.04	H	43.67	53.98	10.31	AV
5150	47.28	14.04	V	61.32	73.98	12.66	PK
5150	29.28	14.04	V	43.32	53.98	10.66	AV

Band :	UNII 2A Upper edge
Operation Mode:	802.11ax_HE160
Transfer MCS Index:	MCS0
Operating Frequency	5250 MHz
Channel No.	50 Ch
RU offset.	none

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5350	51.32	13.83	H	65.15	73.98	8.83	PK
5350	31.76	13.83	H	45.59	53.98	8.39	AV
5350	51.09	13.83	V	64.92	73.98	9.06	PK
5350	31.53	13.83	V	45.36	53.98	8.62	AV

Band :	UNII 2C Low edge
Operation Mode:	802.11ax_HE160
Transfer MCS Index:	MCS0
Operating Frequency	5570 MHz
Channel No.	114 Ch
RU offset.	none

Frequency [MHz]	Measured Value [dBµV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5460	48.26	14.65	H	62.91	73.98	11.07	PK
5460	29.89	14.65	H	44.54	53.98	9.44	AV
5470	49.68	14.64	H	64.32	68.20	3.88	PK
5460	47.99	14.65	V	62.64	73.98	11.34	PK
5460	29.67	14.65	V	44.32	53.98	9.66	AV
5470	49.21	14.64	V	63.85	68.20	4.35	PK

Note:

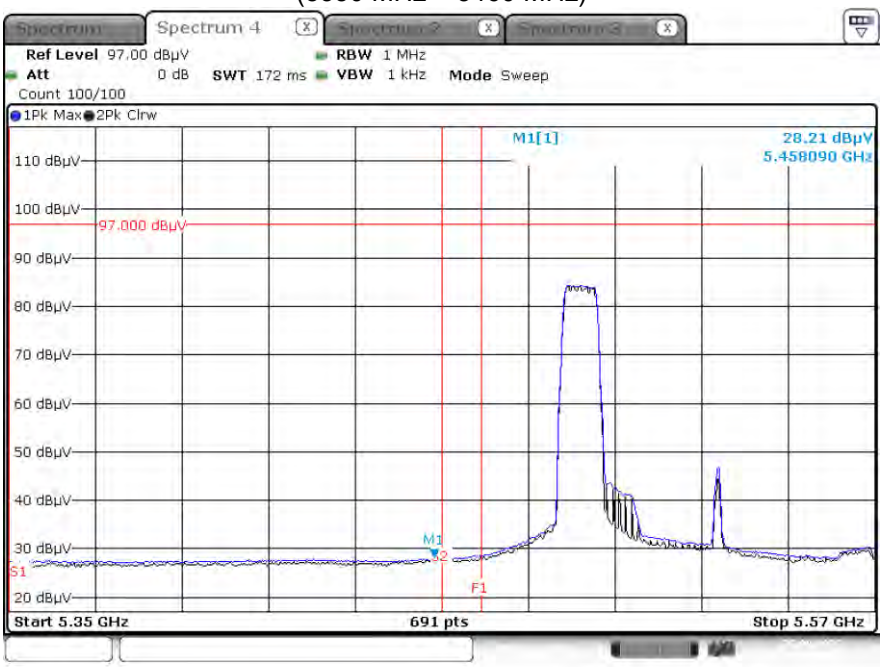
All Modes of operation were investigated and the worst case configuration results are reported.

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

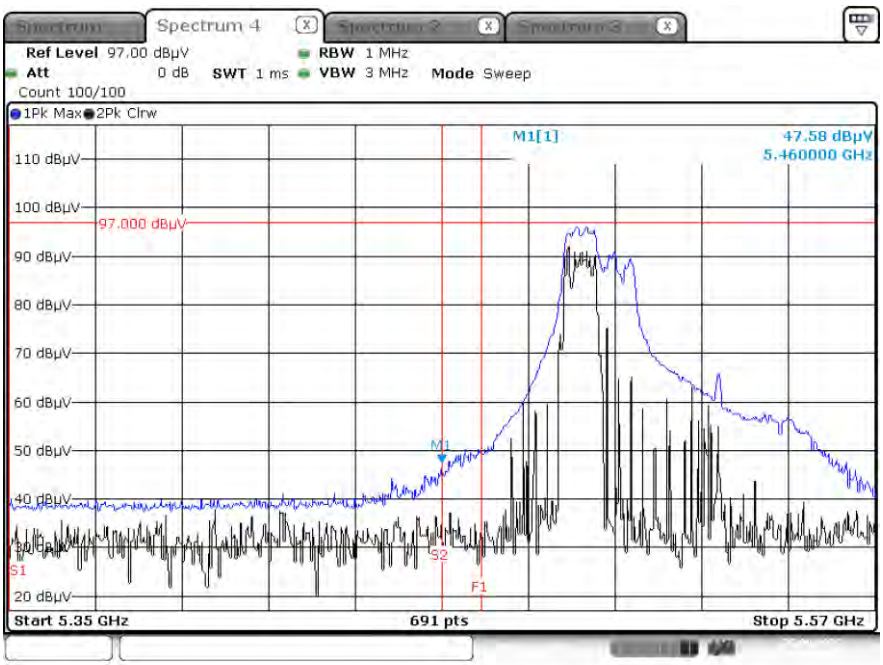
▣ Test Plots(UNII 1, 2A, 2C),

[MIMO_CDD(Ant1+Ant2)]

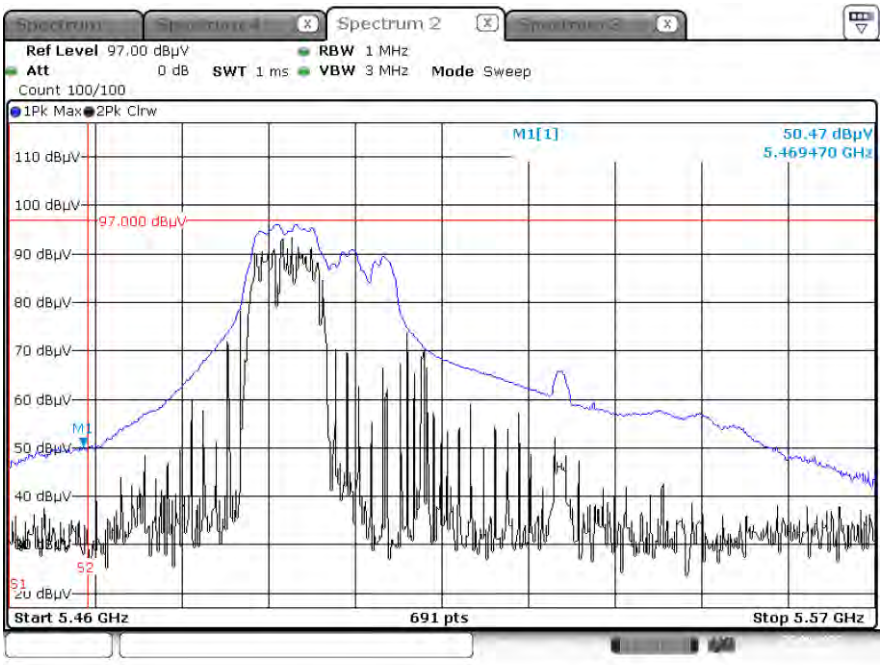
Radiated Restricted Band Edges plot - Average result (802.11ax_HE80, Ch.106, X-H) – 106T RU53 (5350 MHz ~ 5460 MHz)



Radiated Restricted Band Edges plot - Peak result (802.11ax_HE80, Ch.106, X-H) – 106T RU53 (5350 MHz ~ 5460 MHz)



Radiated Restricted Band Edges plot - Peak result (802.11ax_HE80, Ch.106, X-H) – 106T RU53
(5460 MHz ~ 5470 MHz)



Note:

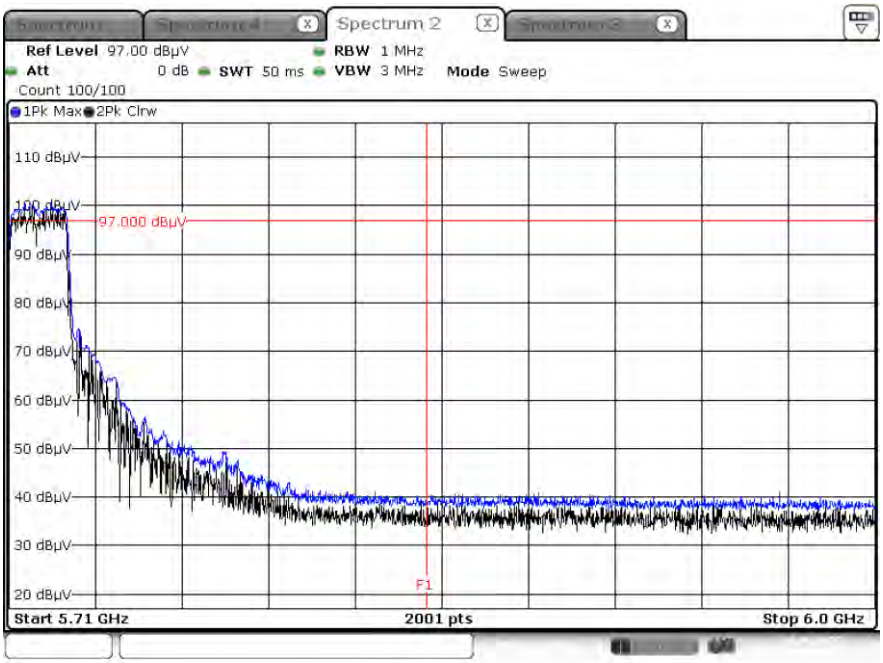
Only the worst case plots for Radiated Restricted Band Edge.

▣ Test Plots(Straddle Channel)_Upper edge

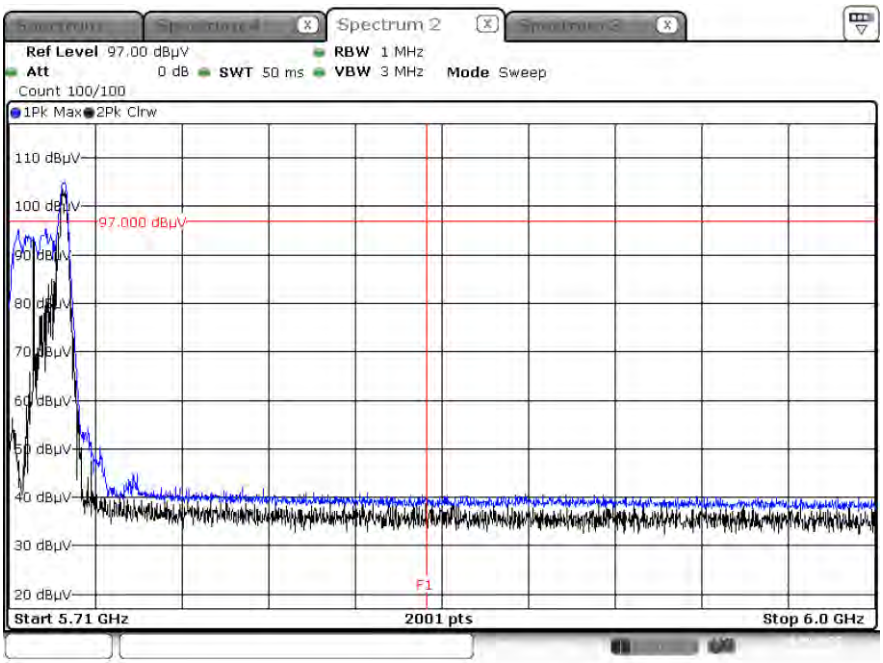
[MIMO_CDD(Ant1+Ant2)]

[HE20]

Peak result (802.11ax(HE20) Ch.144, 242T RU 61)

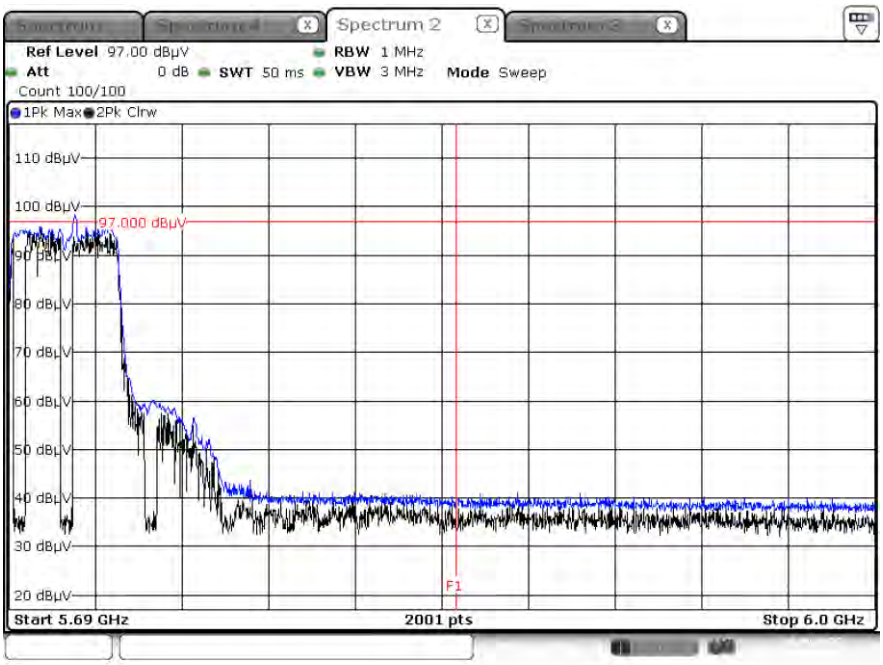


Peak result (802.11ax(HE20) Ch.144, 26T RU 8)

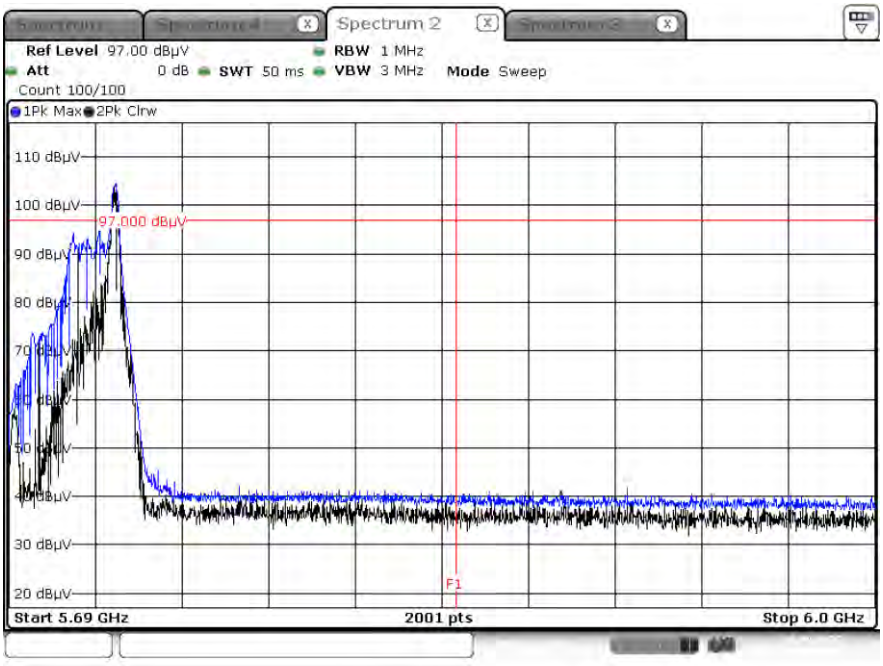


[HE40]

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

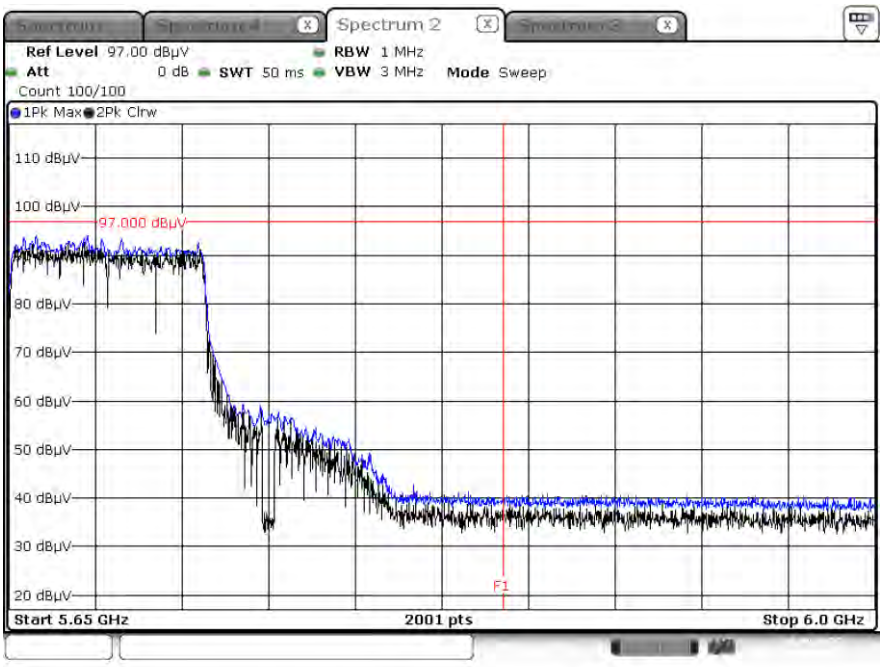


Peak result (802.11ax(HE40) Ch.142, 26T RU 17)

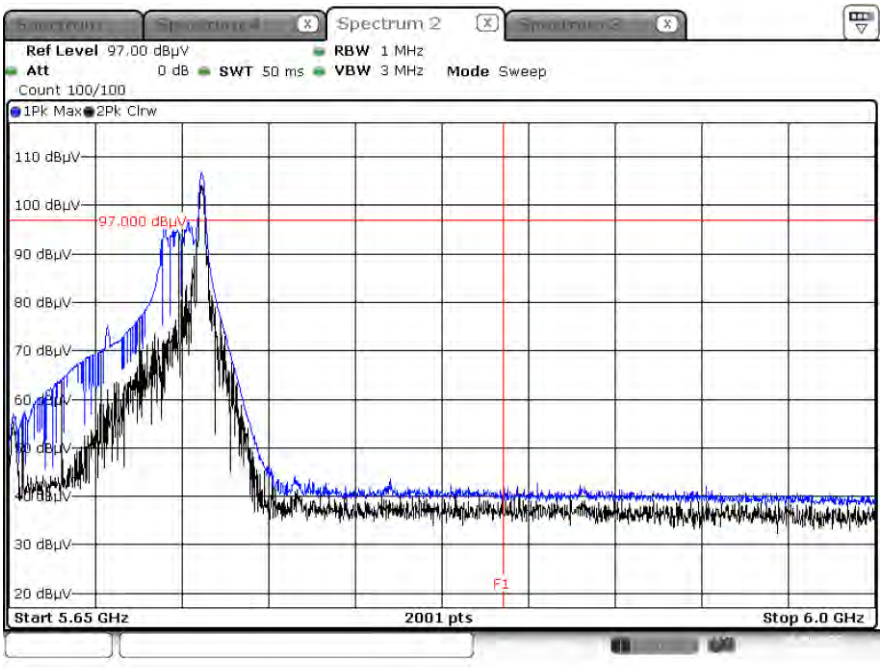


[HE80]

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



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



Note :

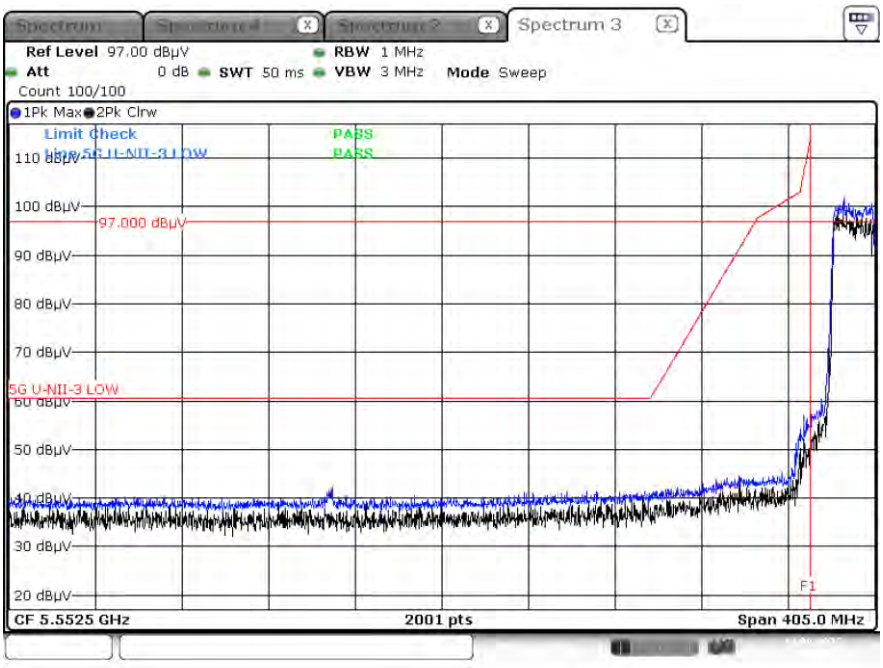
1. Only the worst case plots for Radiated Restricted Band Edge.
2. Red line : 5850 MHz
3. Ambient Noise (Because of ambient noise, We attached only the worst plot without a data table)

▣ Test Plots(UNII 3)_Low Edge

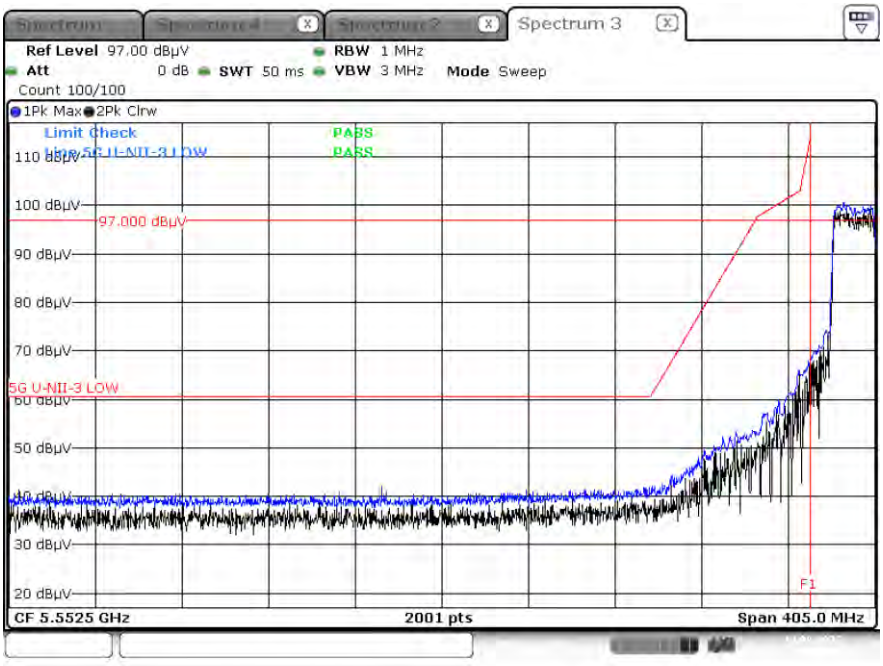
[MIMO_CDD(Ant1+Ant2)]

[HE20]

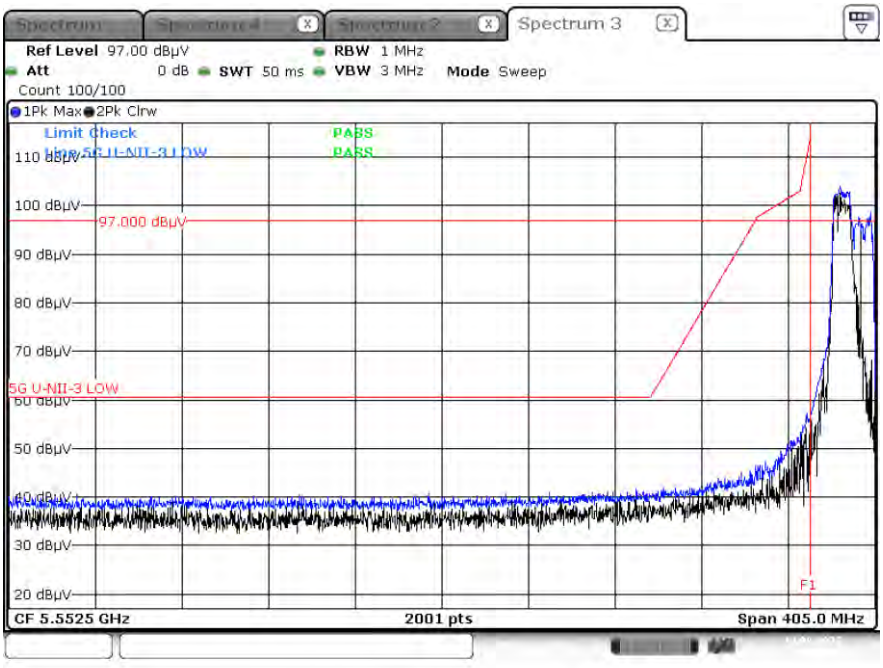
Peak result (802.11ax(HE20) Ch.149, SU)



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

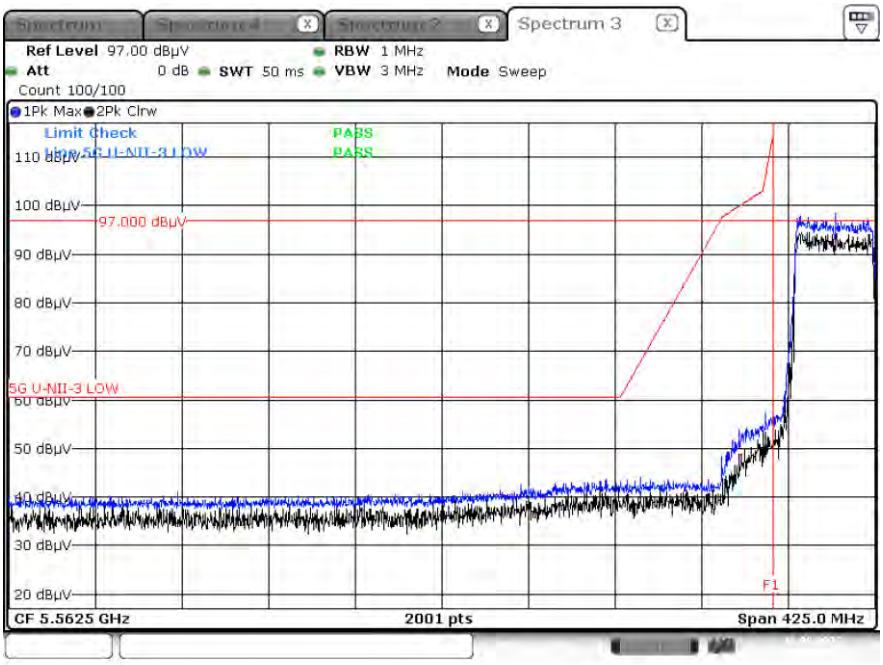


Peak result (802.11ax(HE20) Ch.149, 106T RU 53)

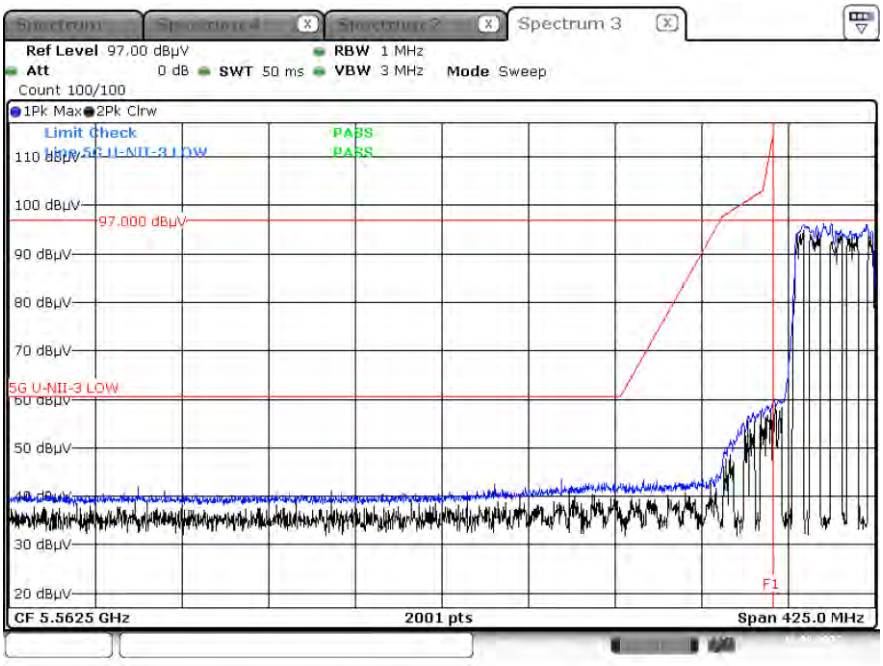


[HE40]

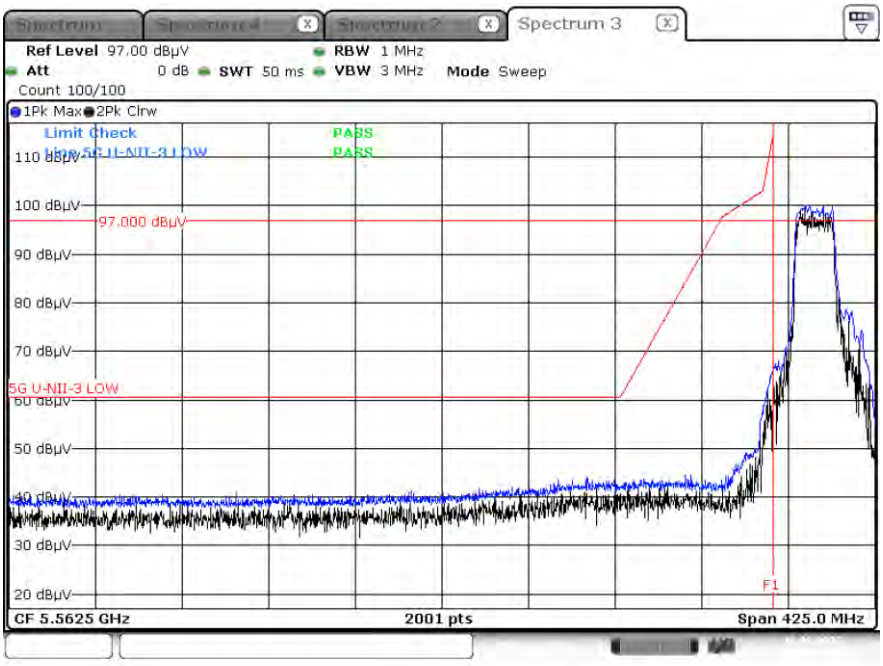
Peak result (802.11ax(HE40) Ch.151, SU)



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

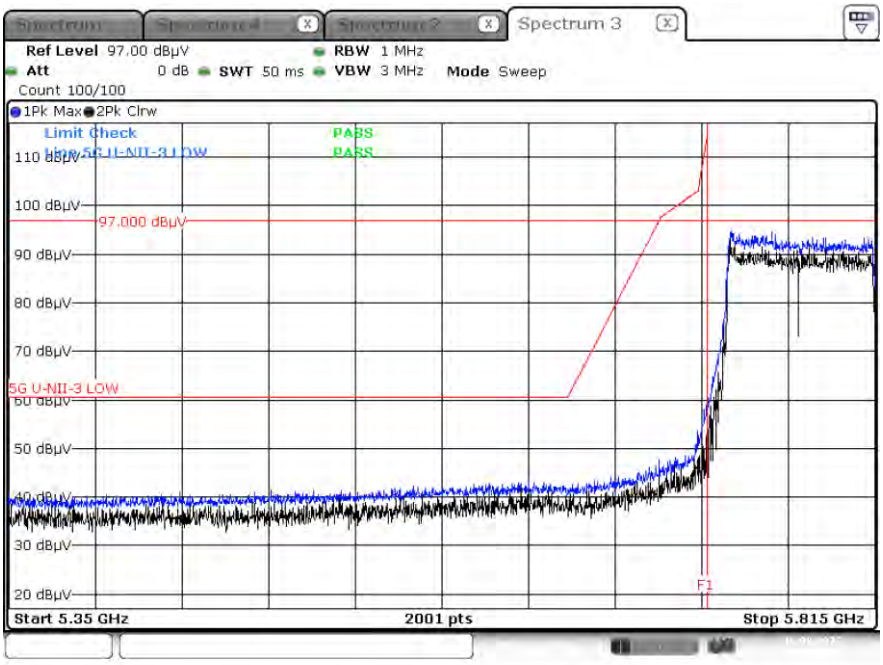


Peak result (802.11ax(HE40) Ch.151, 242T RU 61)

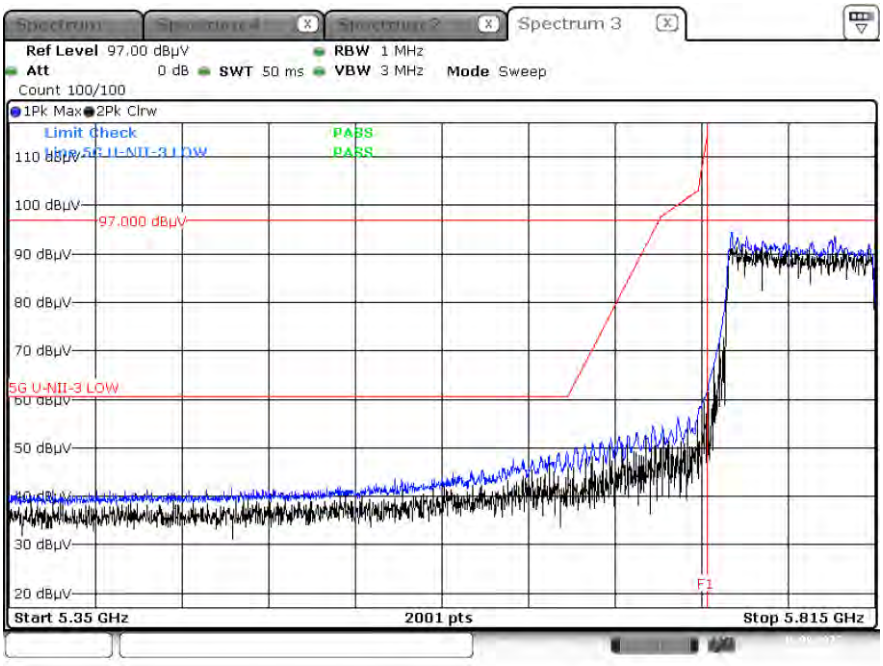


[HE80]

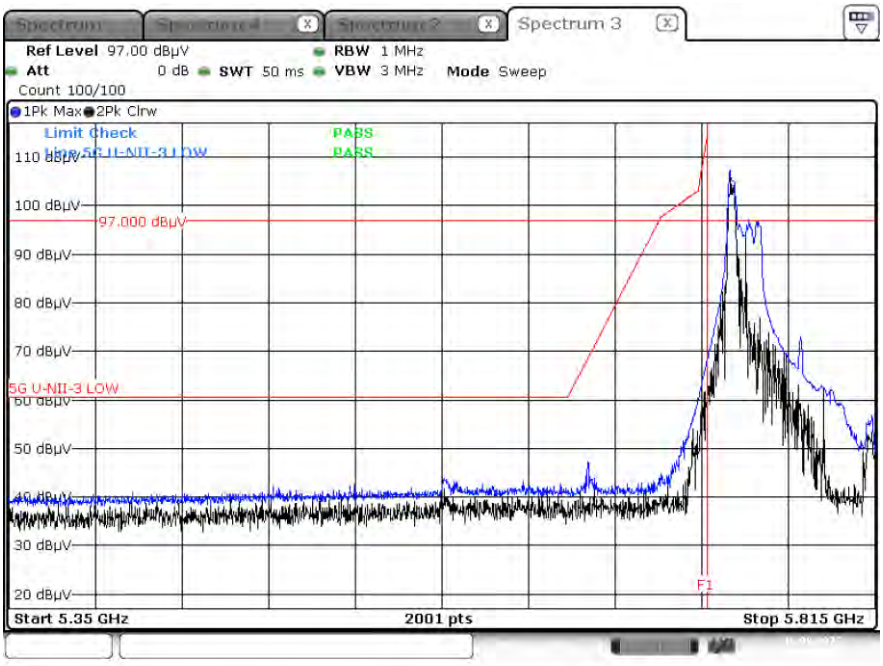
Peak result (802.11ax(HE80) Ch.155, SU)



Peak result (802.11ax(HE80) Ch.155, 996T RU 65)



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

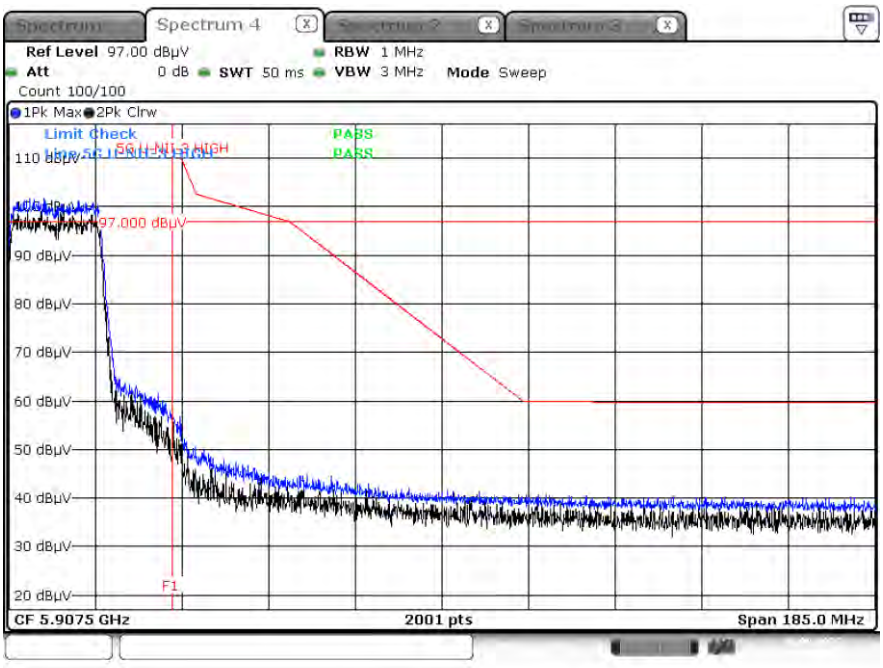


▣ Test Plots(UNII 3)_High Edge

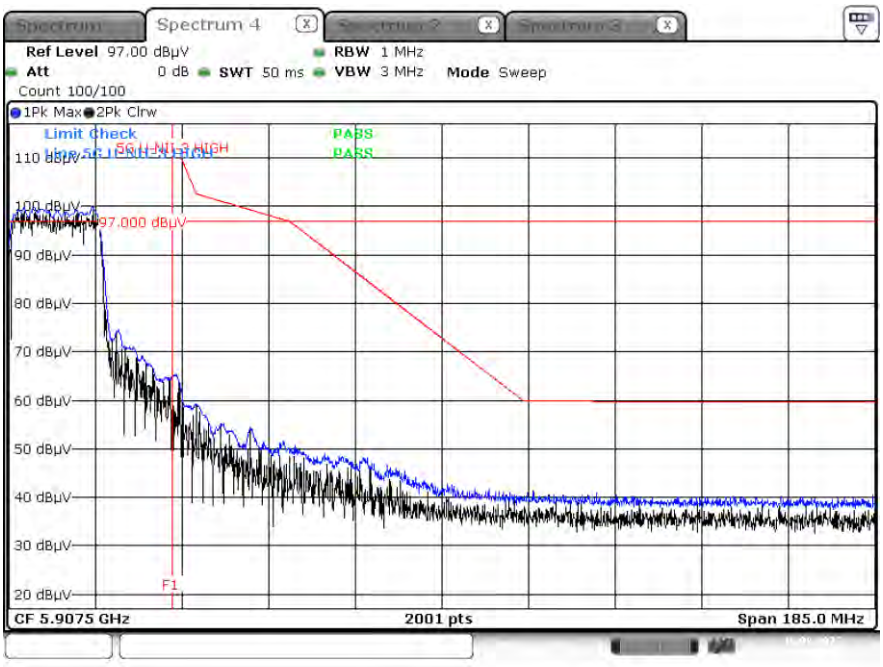
[MIMO_CDD(Ant1+Ant2)]

[HE20]

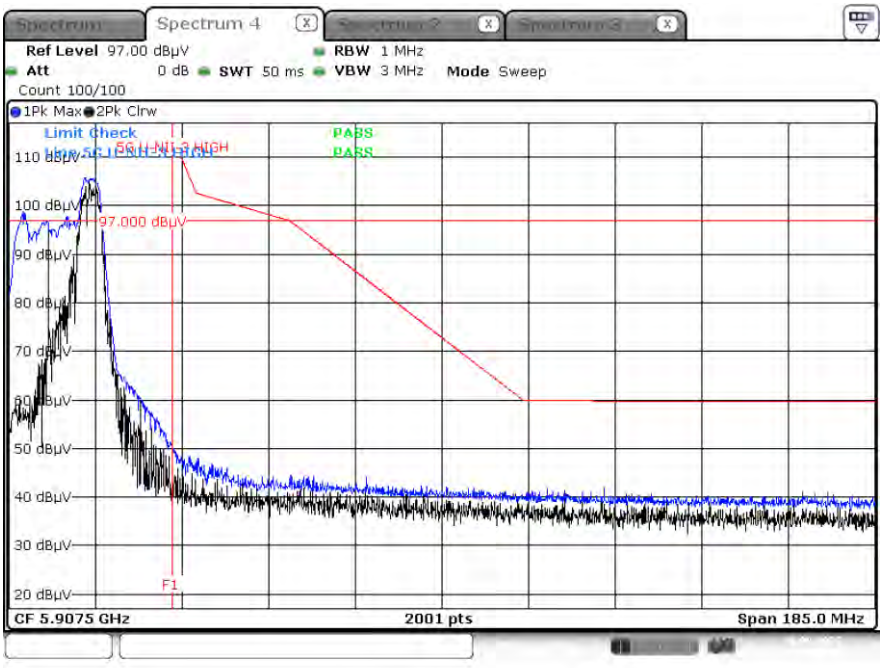
Peak result (802.11ax(HE20) Ch.165, SU)



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

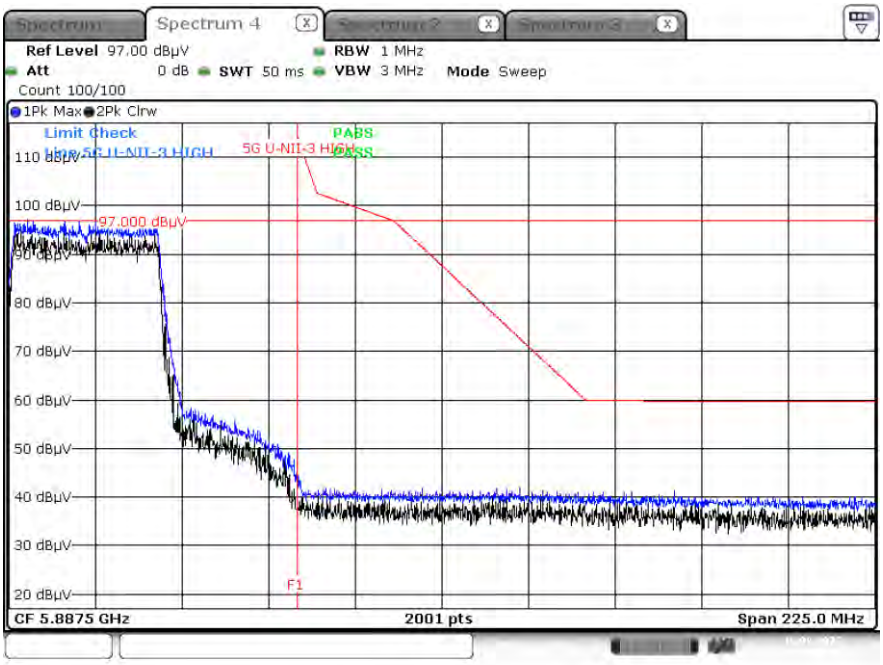


Peak result (802.11ax(HE20) Ch.165, 52T RU 40)

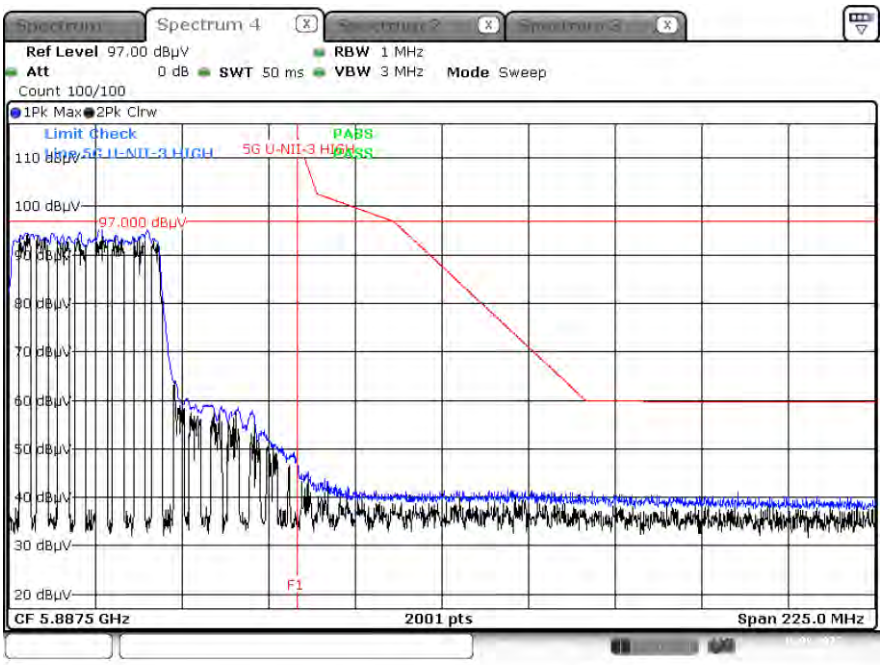


[HE40]

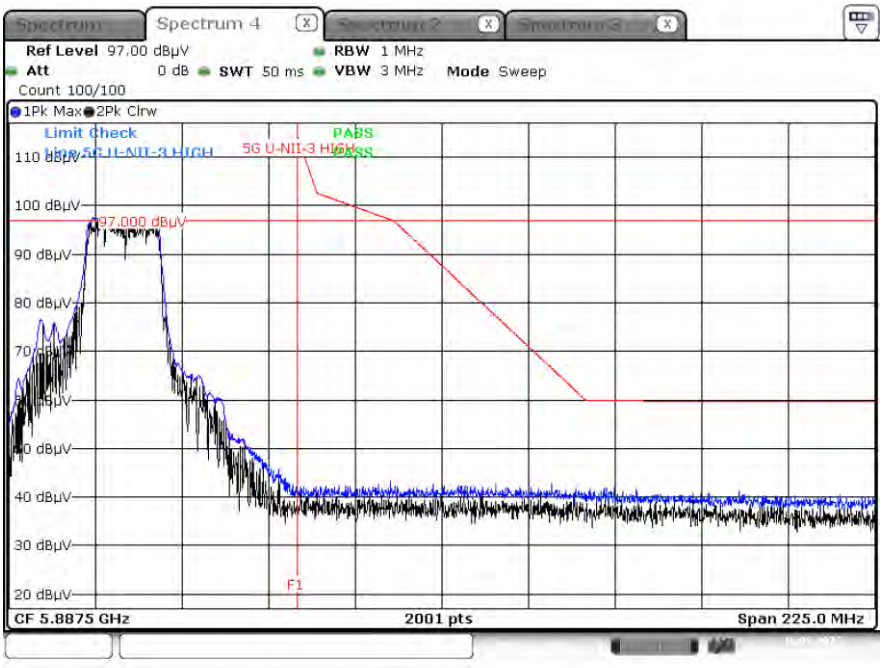
Peak result (802.11ax(HE40) Ch.159, SU)



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

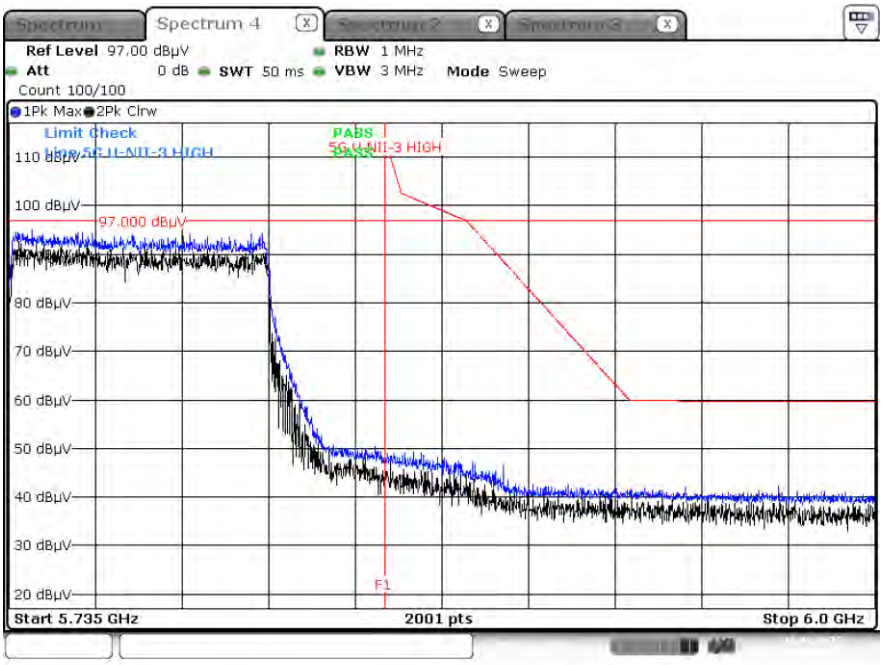


Peak result (802.11ax(HE40) Ch.159, 242T RU 62)

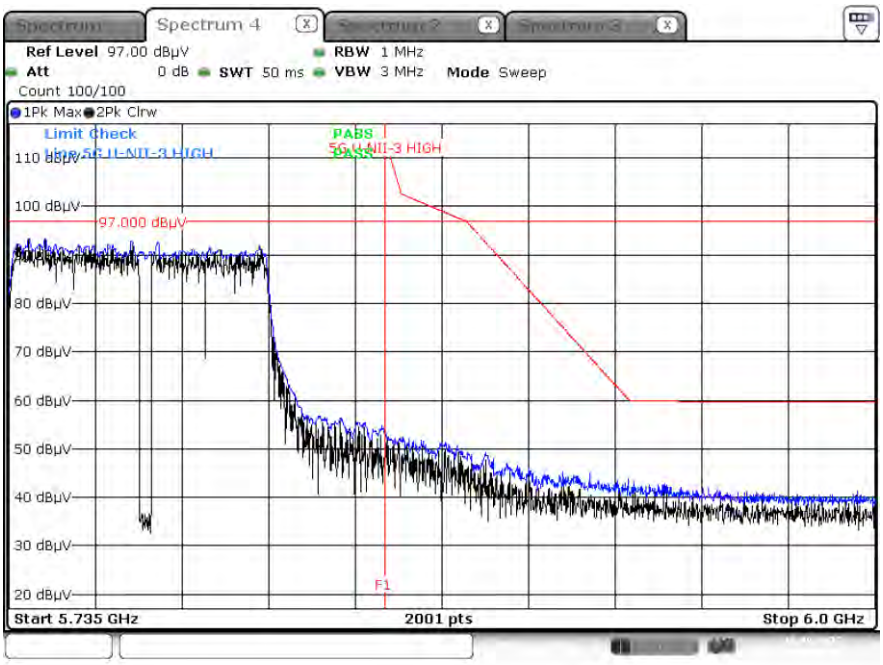


[HE80]

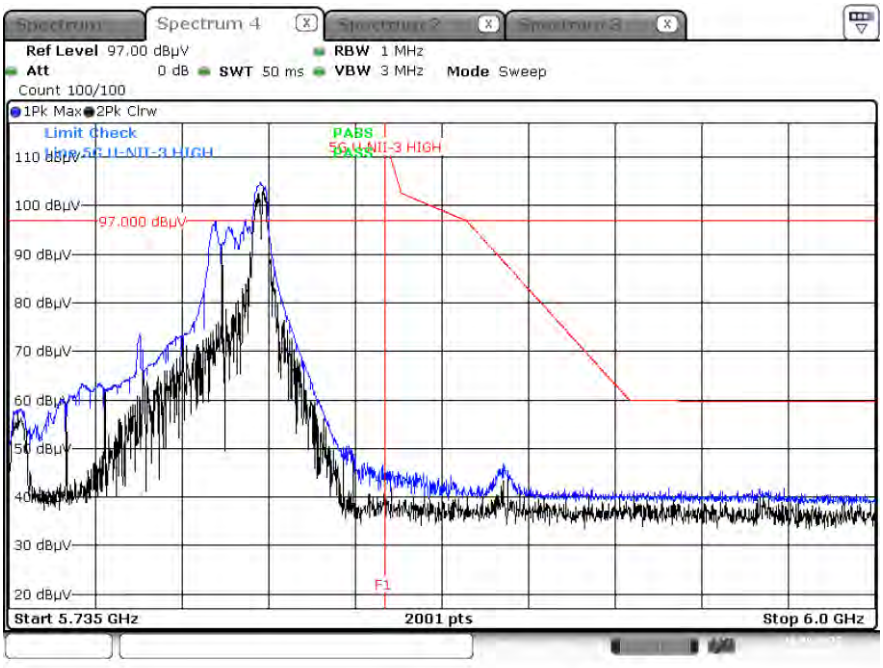
Peak result (802.11ax(HE80) Ch.155, SU)



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



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



Note :

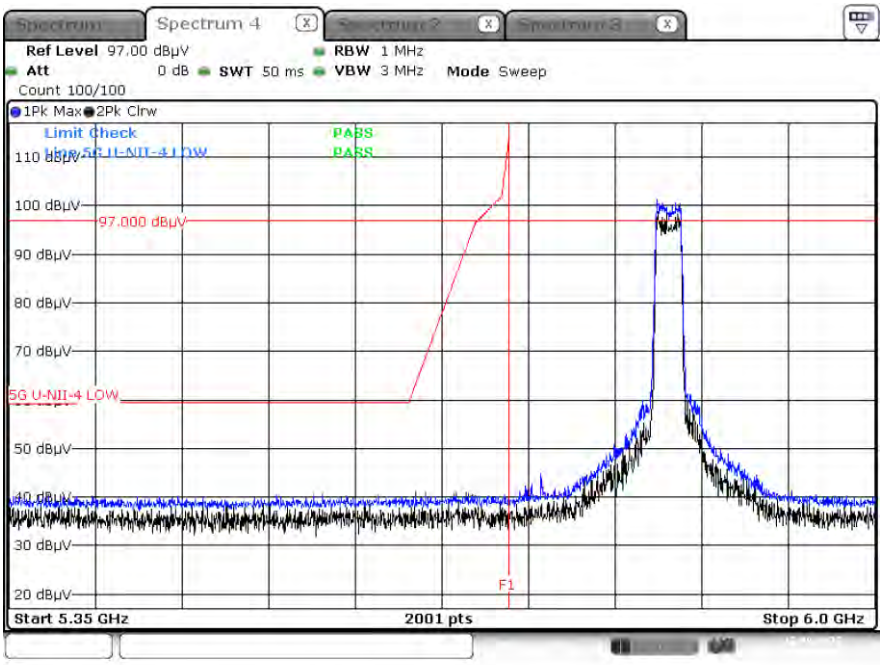
1. Only the worst case plots for U-NII-3 Out of Band e.i.r.p Emission.
2. U-NII-3 Low & High Band Edge Red Line is Final Test Limit about factor value compensation.

▣ Test Plots(UNII 4)_Low Edge

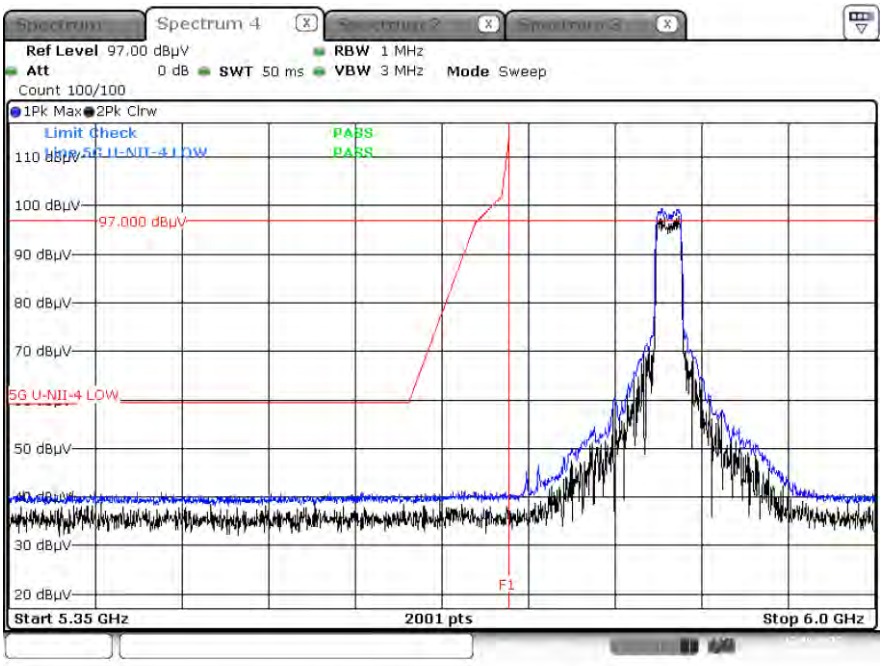
[MIMO_CDD(Ant1+Ant2)]

[HE20]

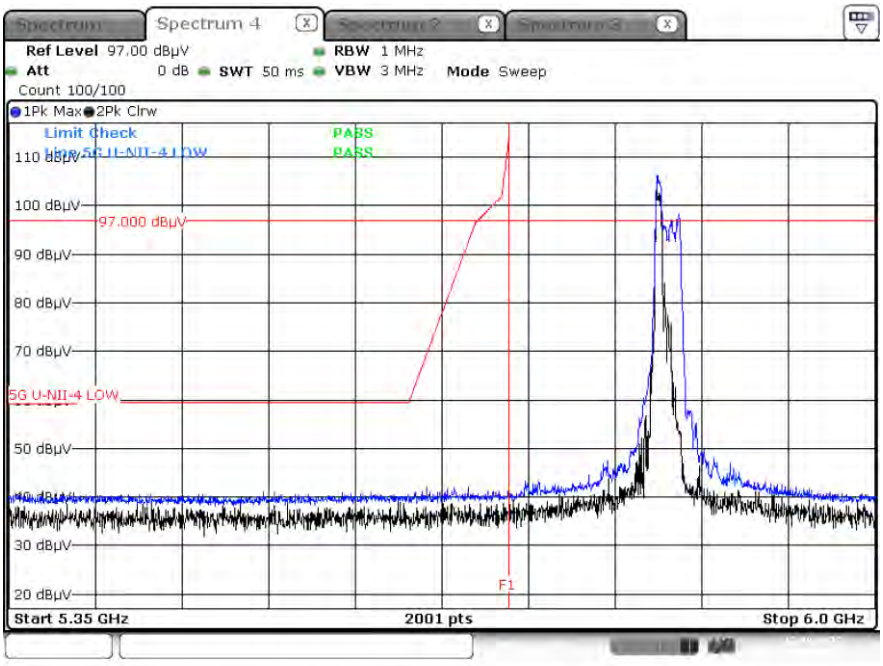
Peak result (802.11ax(HE20), Ch.169, SU)



Peak result (802.11ax(HE20), Ch.169, 242 Tones RU 61)

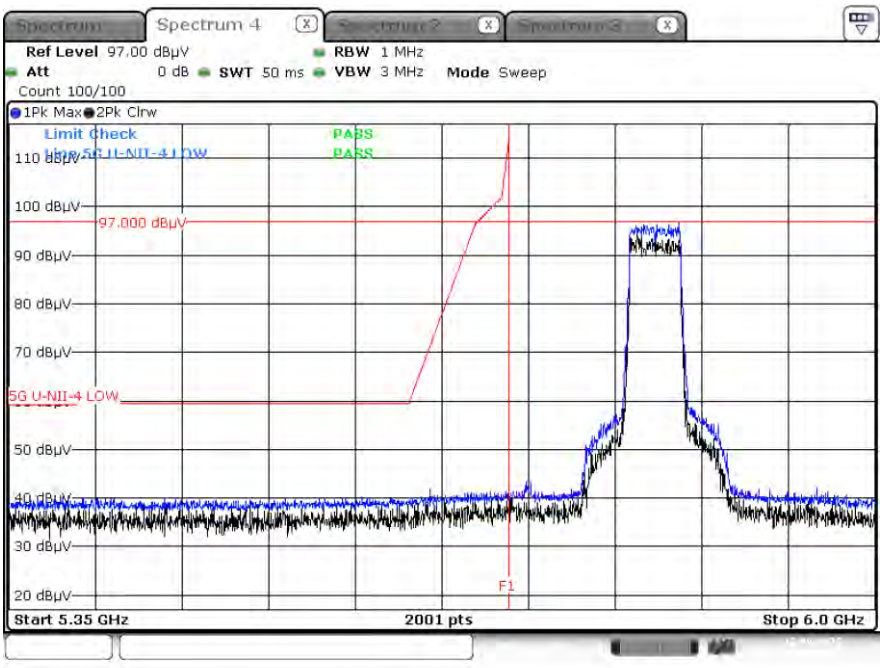


Peak result (802.11ax(HE20), Ch.169, 52 Tones RU 37)

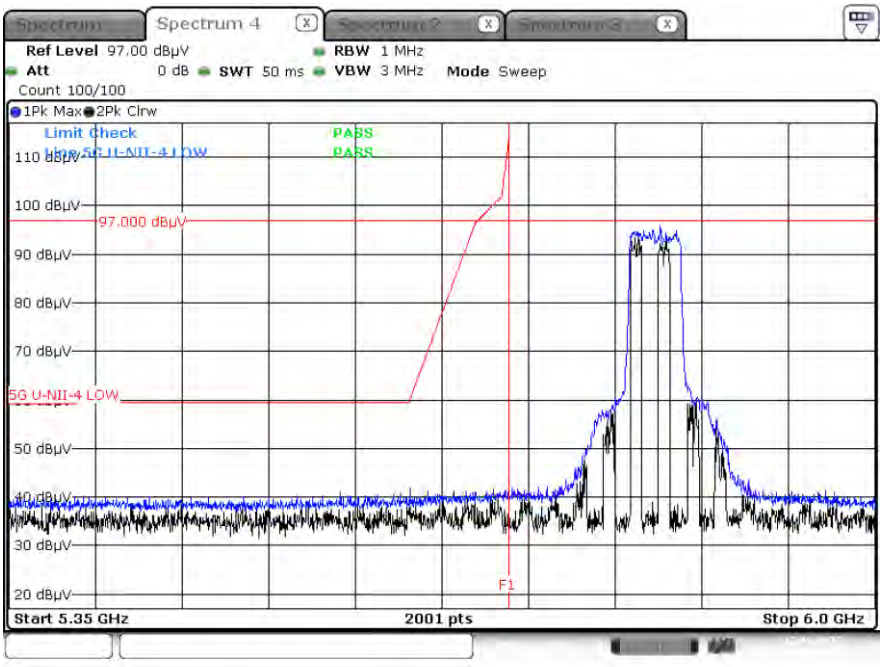


[HE40]

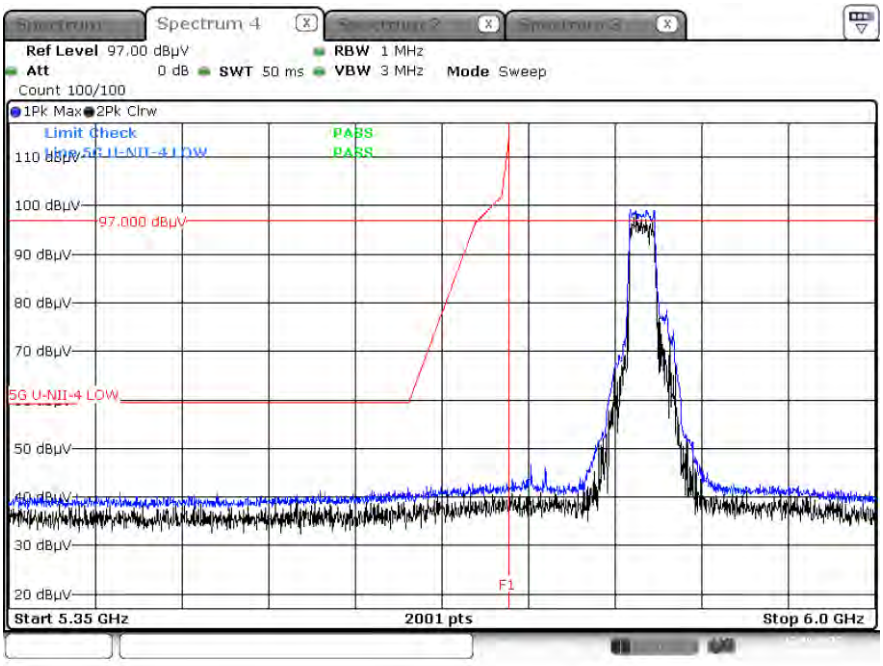
Peak result (802.11ax(HE40), Ch.167, SU)



Peak result (802.11ax(HE40), Ch.167, 484 Tones RU 65)

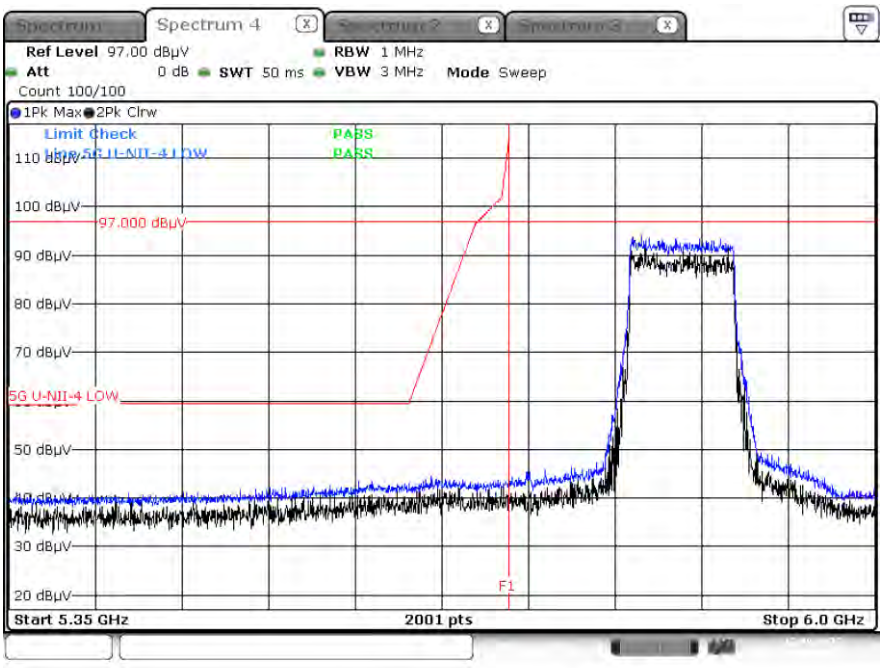


Peak result (802.11ax(HE40), Ch.167, 242 Tones RU 61)

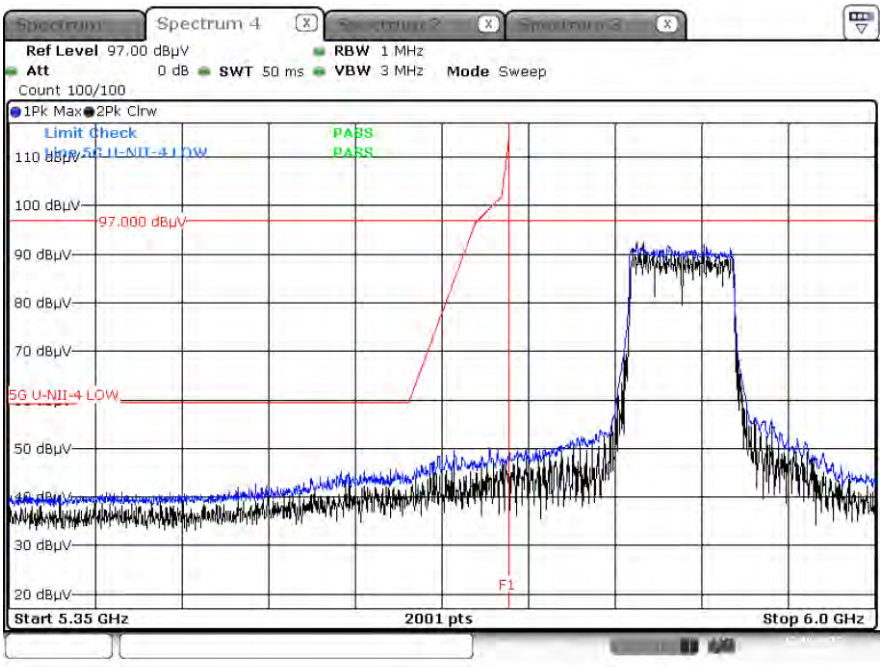


[HE80]

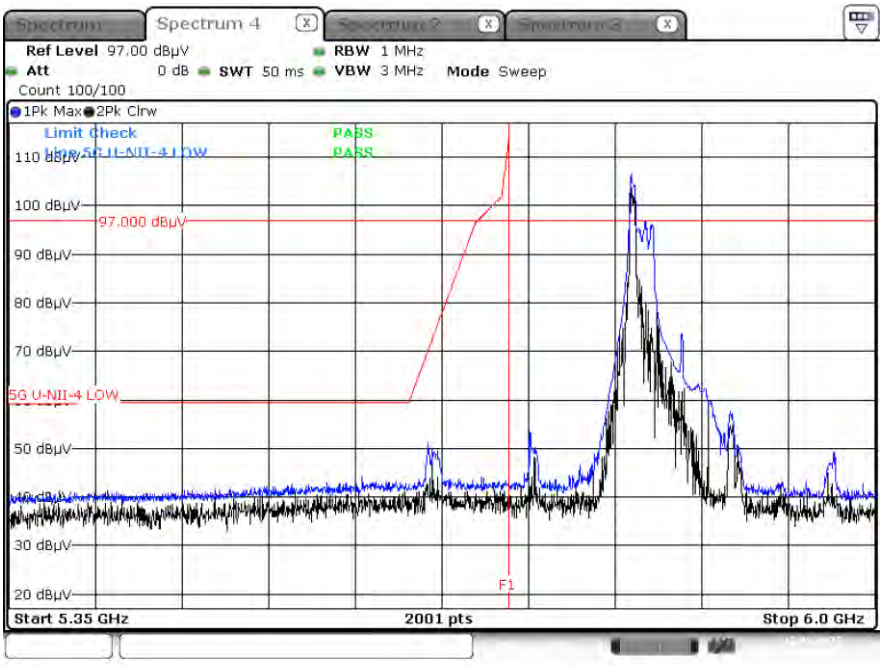
Peak result (802.11ax(HE80), Ch.171, SU)



Peak result (802.11ax(HE80), Ch.171, 997 Tones RU 67)

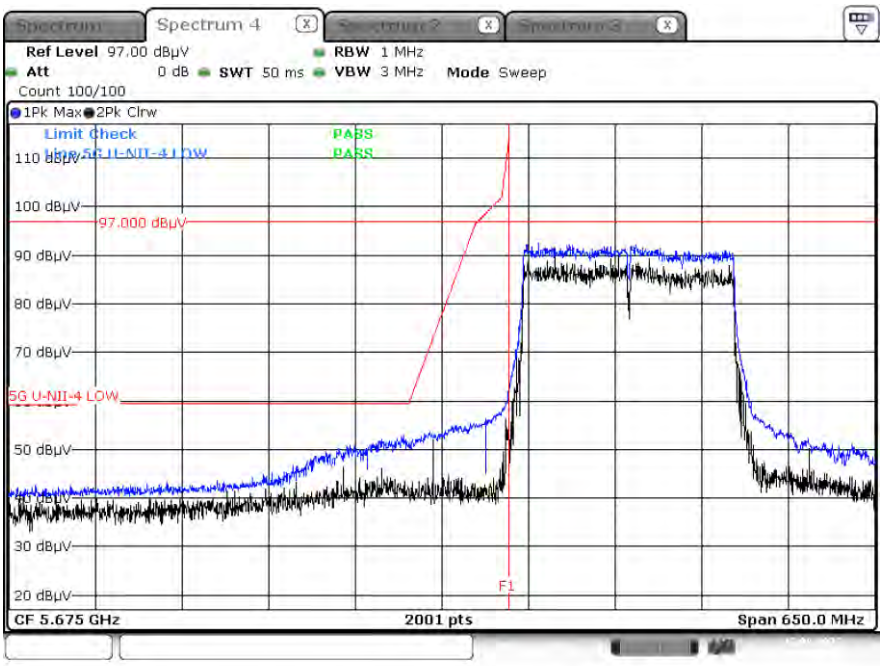


Peak result (802.11ax(HE80), Ch.171, 52 Tones RU 37)

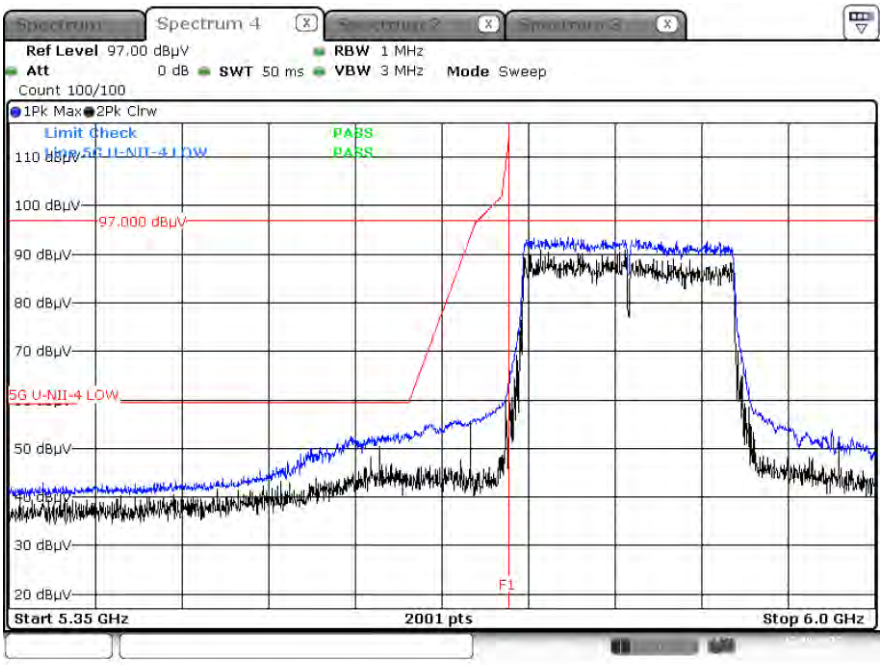


[HE160]

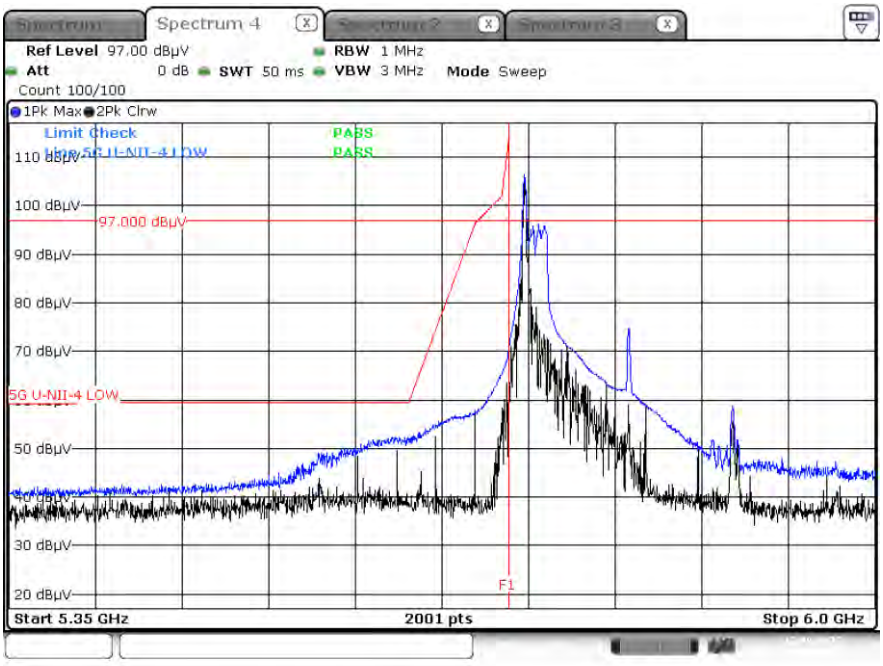
Peak result (802.11ax(HE160), Ch.163, SU)



Peak result (802.11ax(HE160), Ch.163, 2x996 Tones RU 68)



Peak result (802.11ax(HE160(80L)), Ch.163, 26 Tones RU 0)

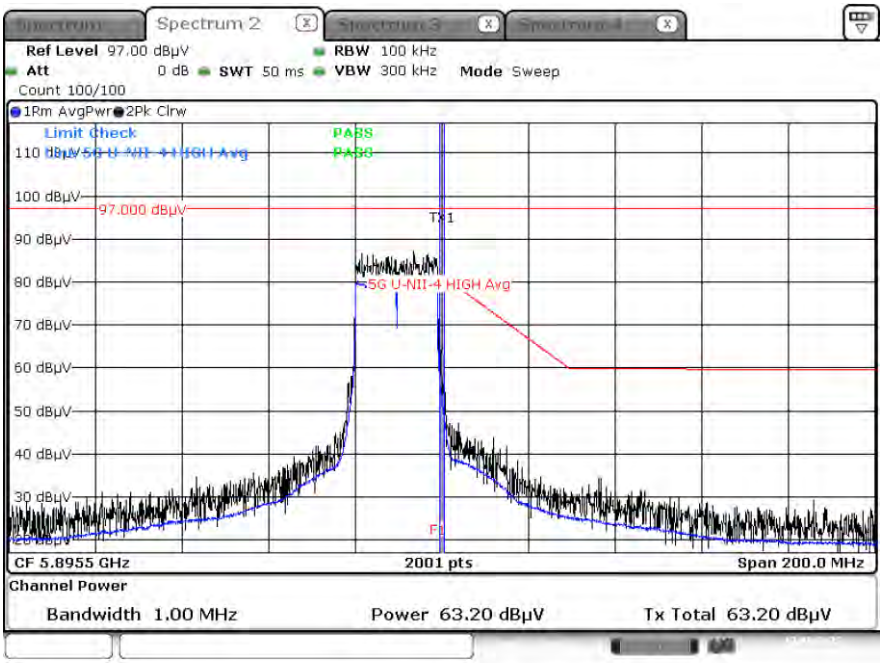


▣ Test Plots(UNII 4)_High Edge

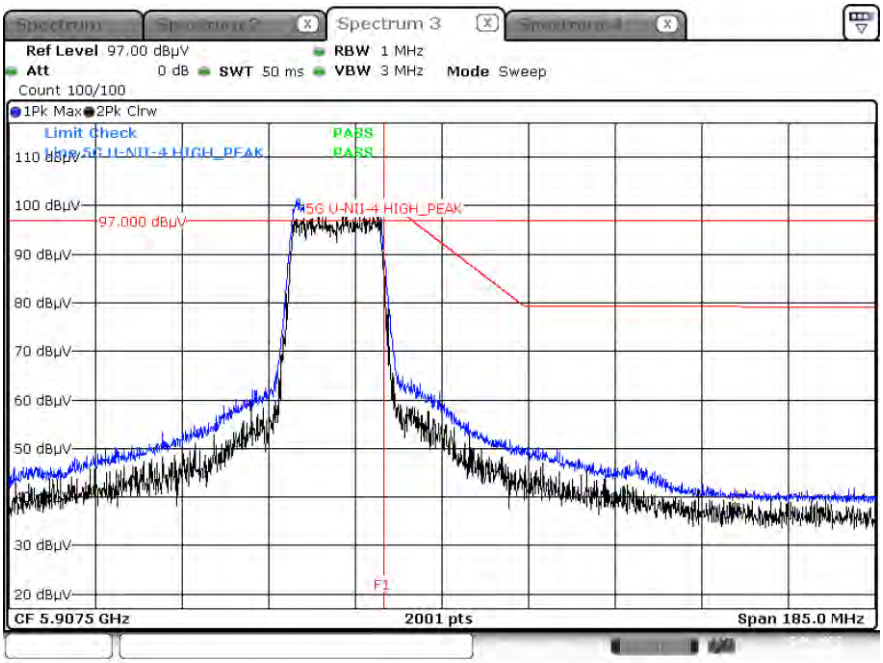
[MIMO_CDD(Ant1+Ant2)]

[HE20]

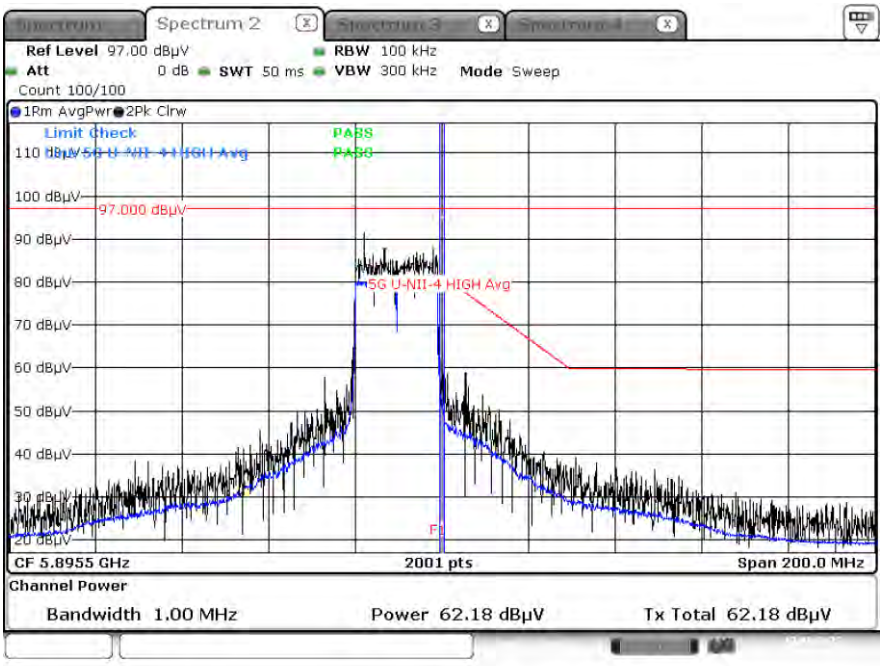
Average result (802.11ax(HE20), Ch.177, SU)



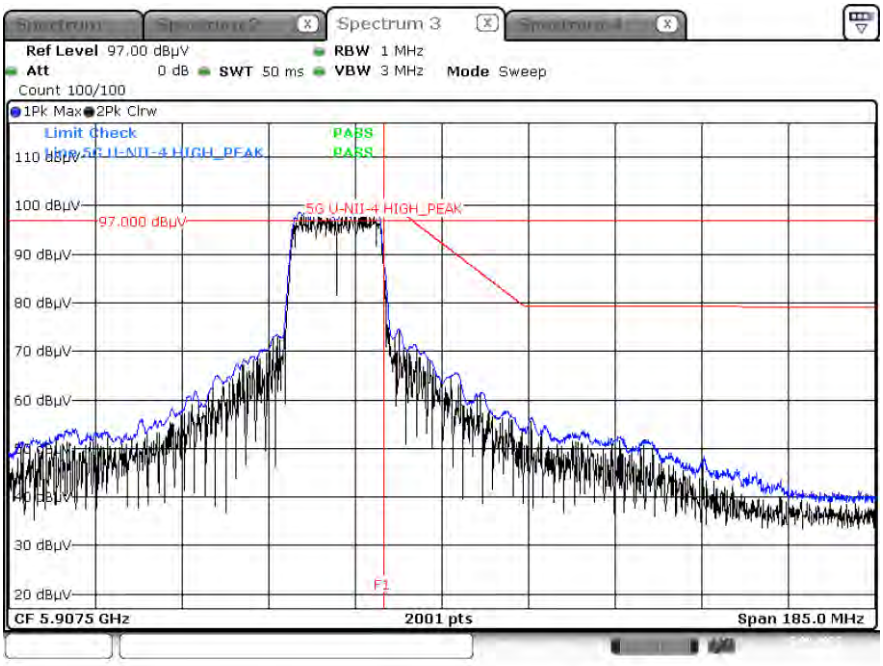
Peak result (802.11ax(HE20), Ch.177, SU)



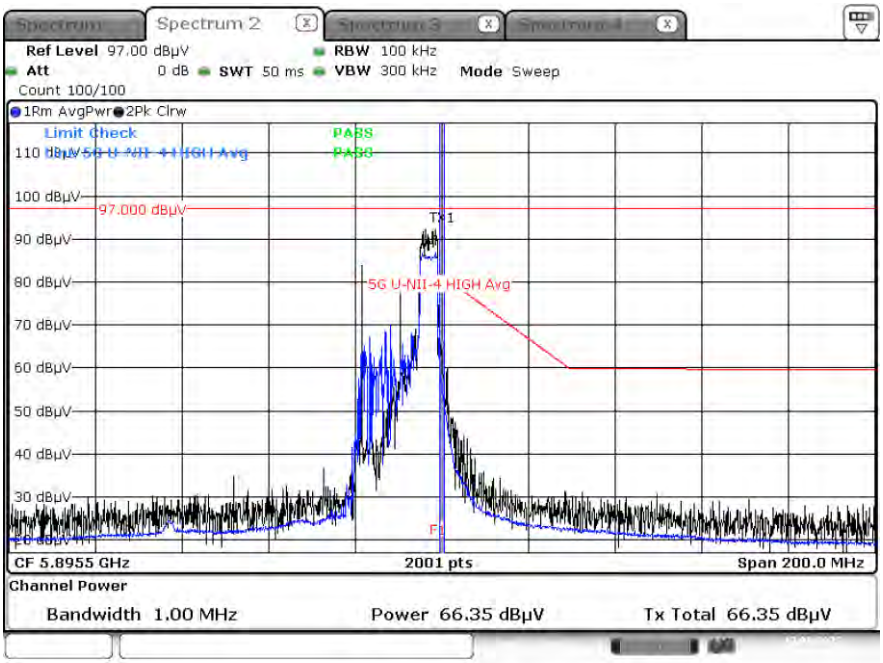
Average result (802.11ax(HE20), Ch.177, 242 Tones RU 61)



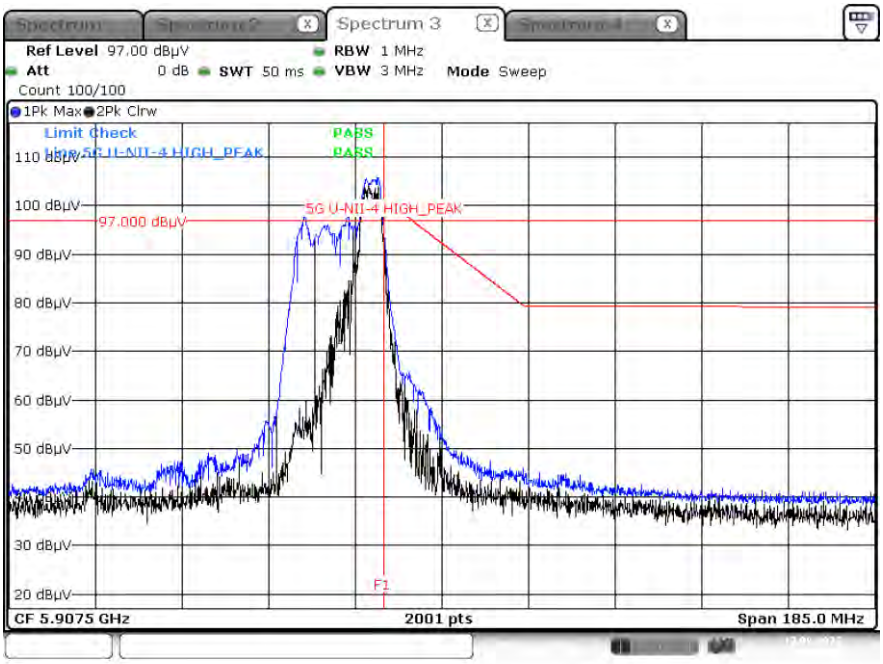
Peak result (802.11ax(HE20), Ch.177, 242 Tones RU 61)



Average result (802.11ax(HE20), Ch.177, 52 Tones RU 40)

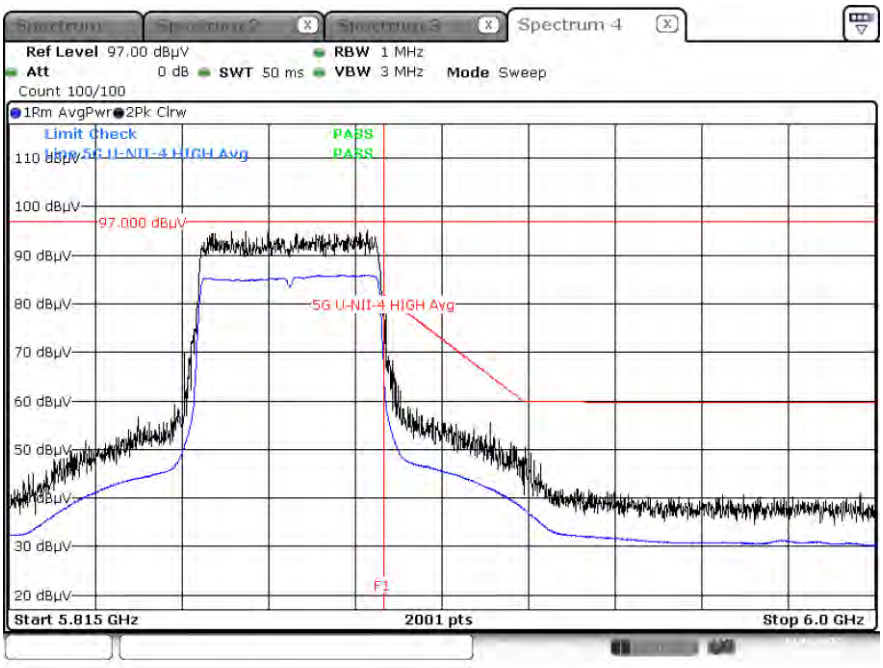


Peak result (802.11ax(HE20), Ch.177, 52 Tones RU 40)

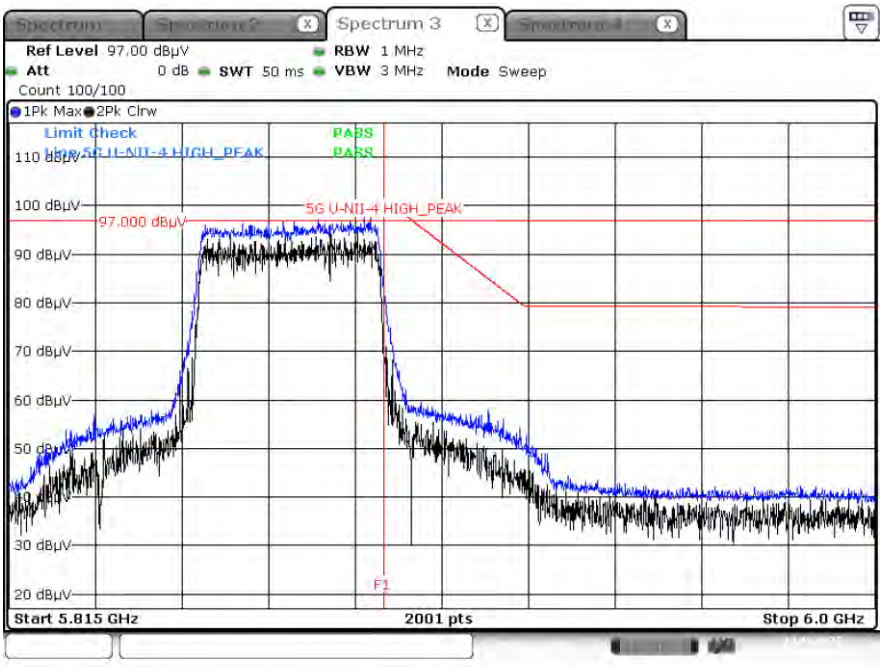


[HE40]

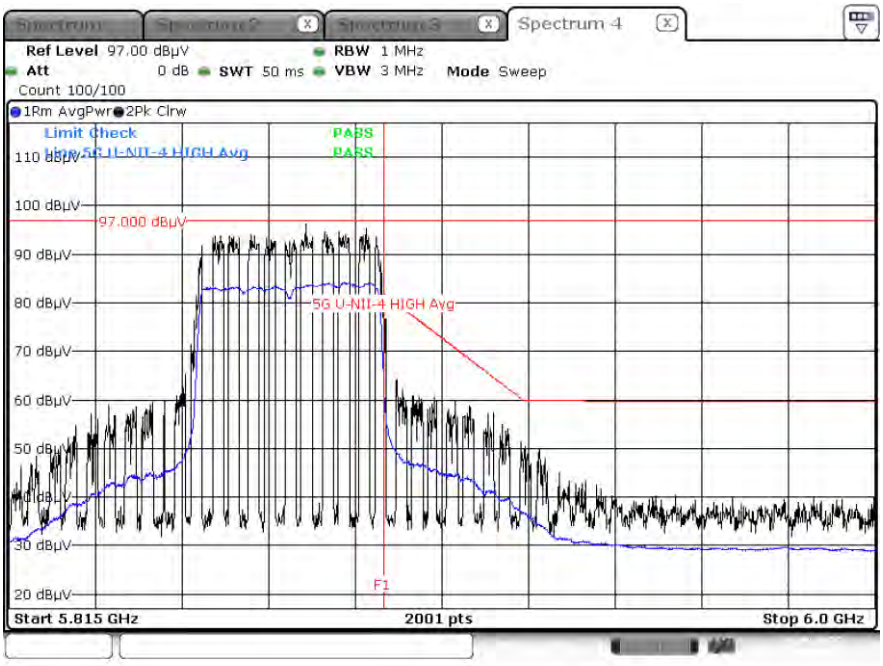
Average result (802.11ax(HE40), Ch.175, SU)



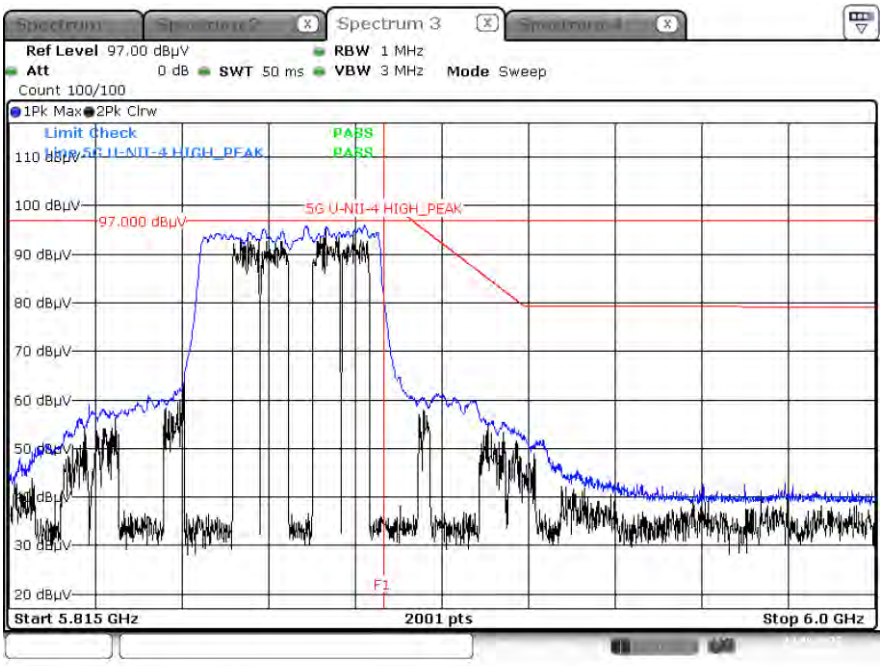
Peak result (802.11ax(HE40), Ch.175, SU)



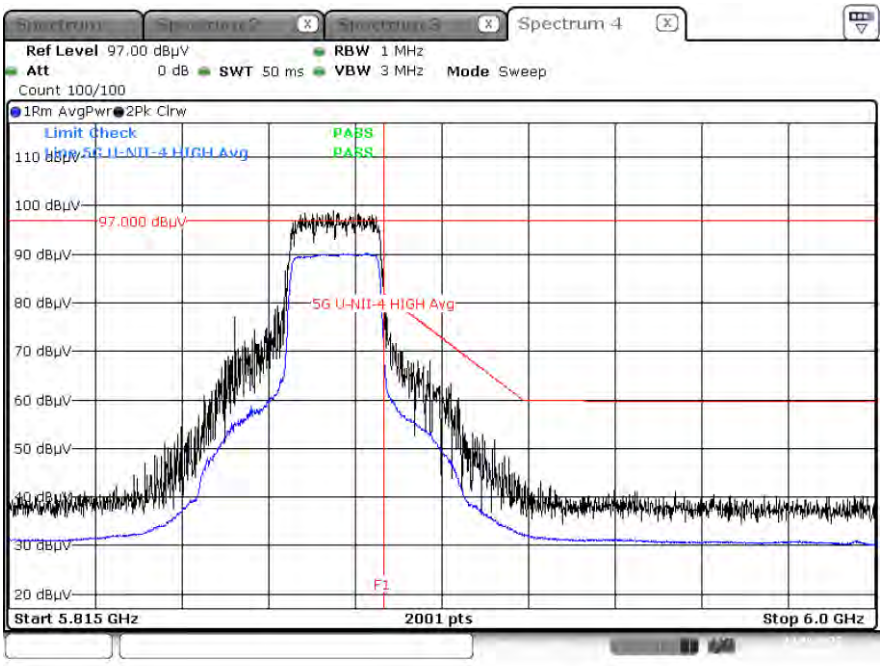
Average result (802.11ax(HE40), Ch.175, 484 Tones RU 65)



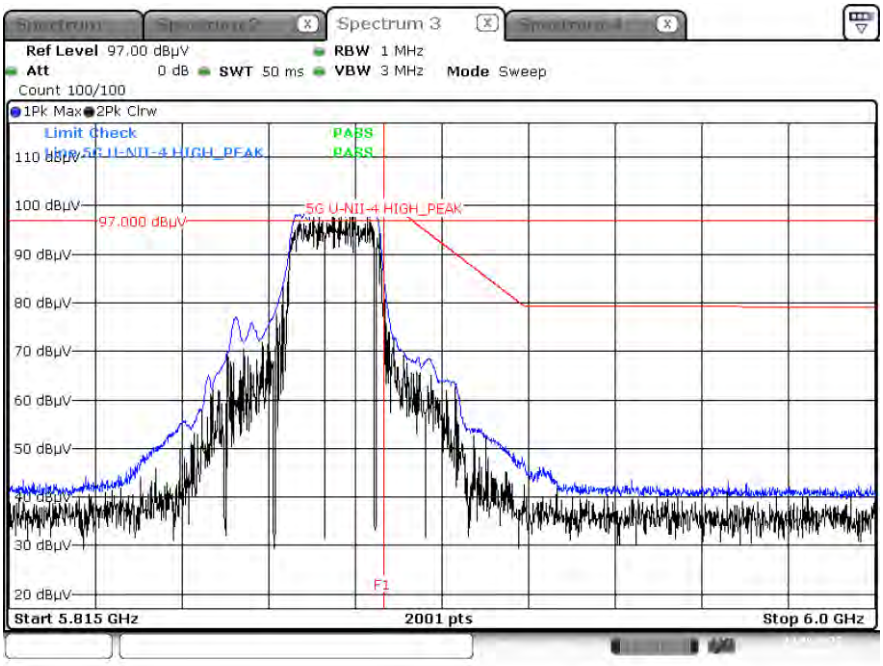
Peak result (802.11ax(HE40), Ch.175, 484 Tones RU 65)



Average result (802.11ax(HE40), Ch.175, 242 Tones RU 62)

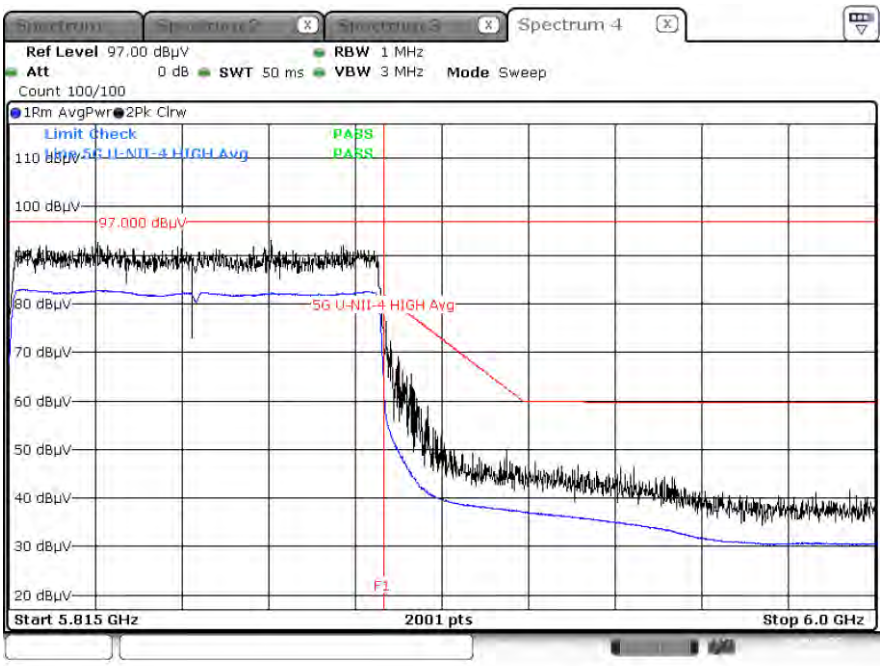


Peak result (802.11ax(HE40), Ch.175, 242 Tones RU 62)

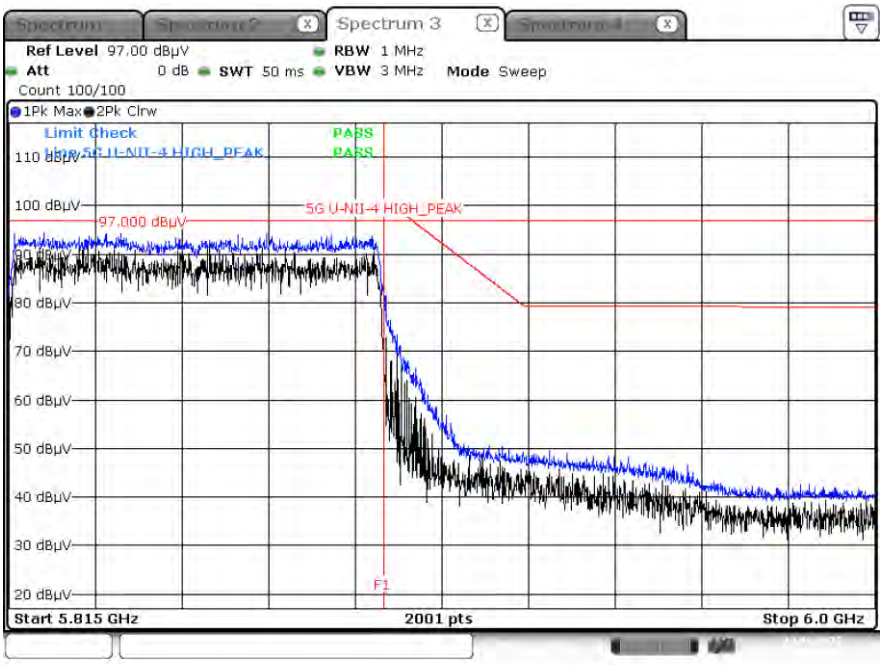


[HE80]

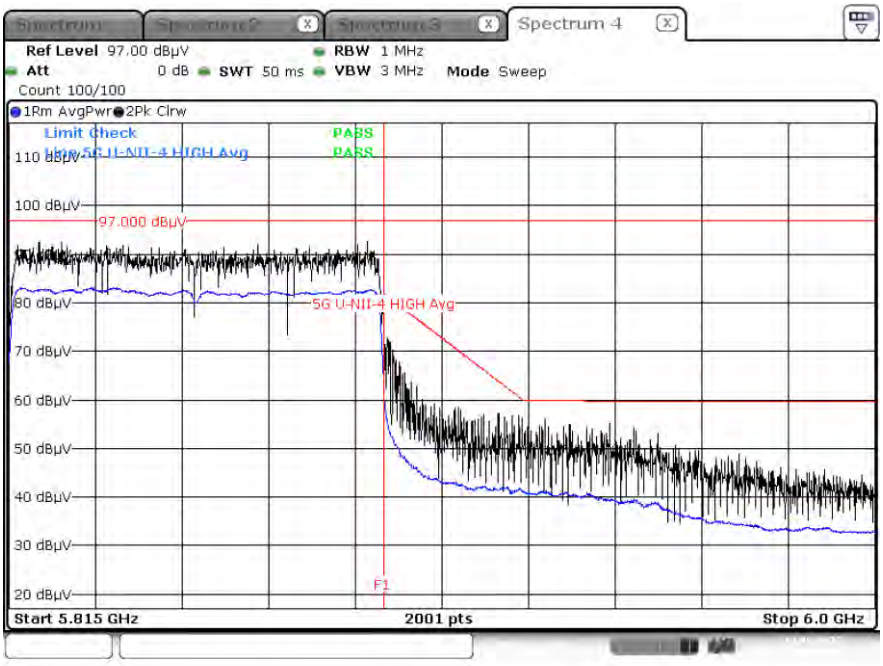
Average result (802.11ax(HE80), Ch.171, SU)



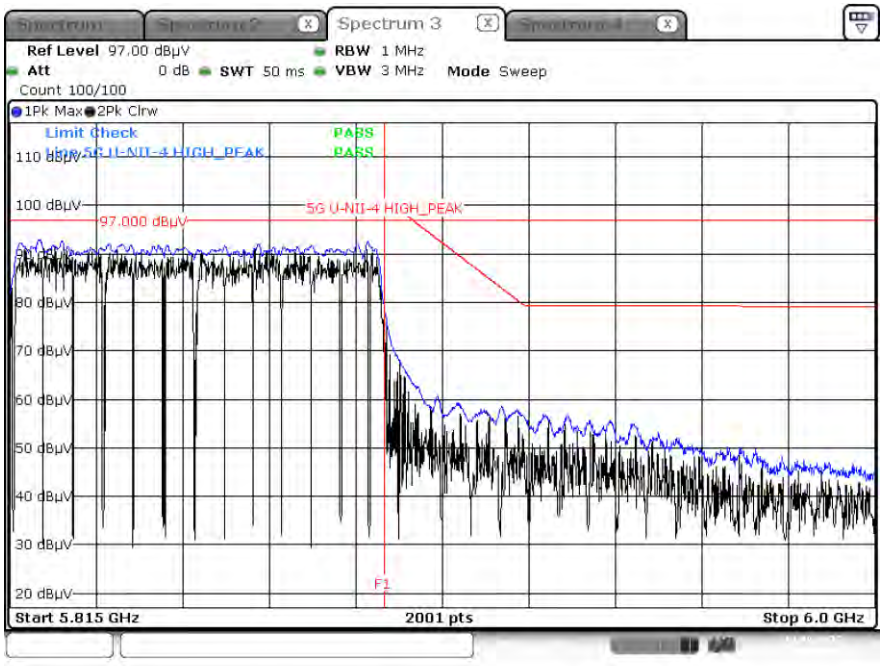
Peak result (802.11ax(HE80), Ch.171, SU)



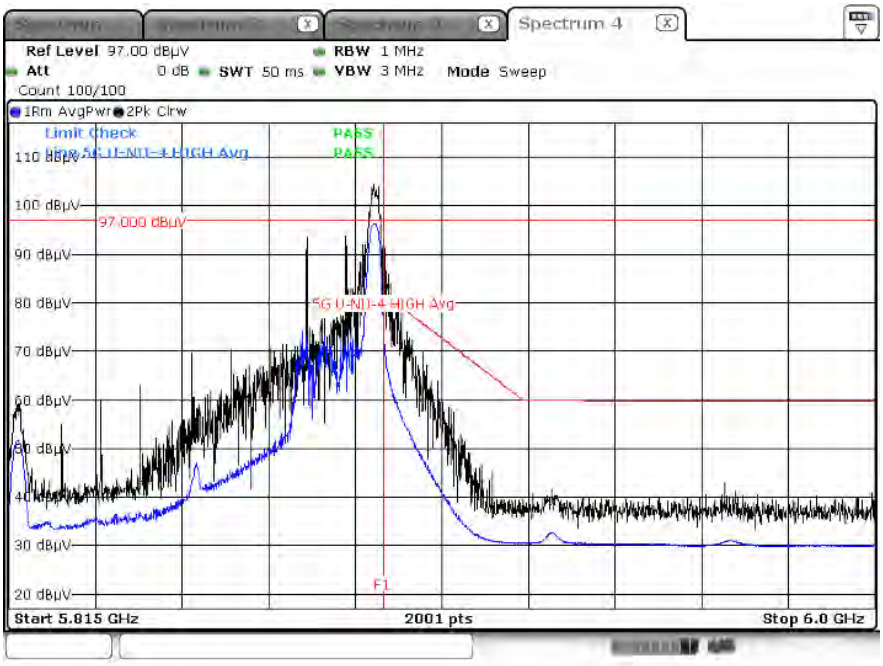
Average result (802.11ax(HE80), Ch.171, 996 Tones RU 67)



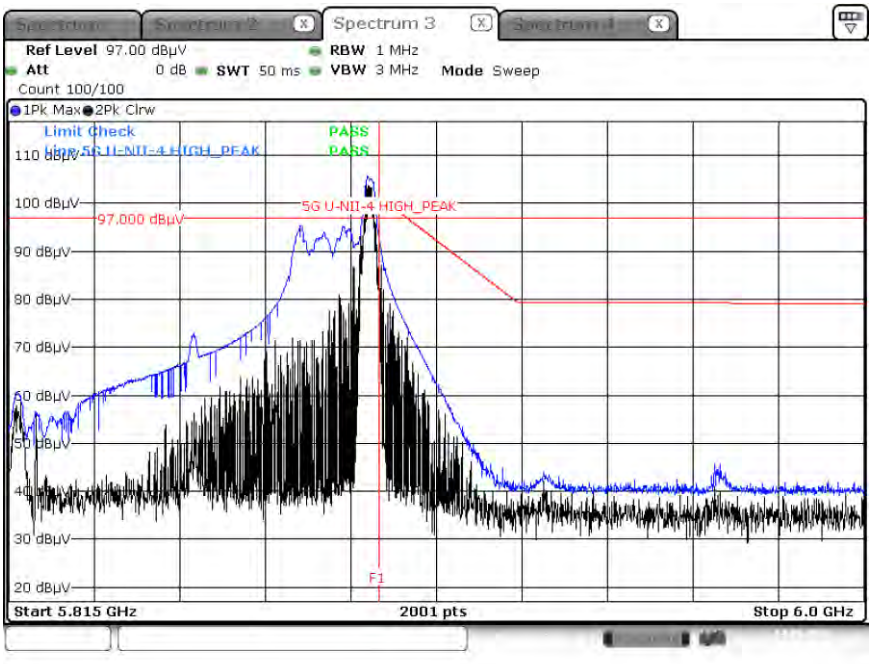
Peak result (802.11ax(HE80), Ch.171, 996 Tones RU 67)



Average result (802.11ax(HE80), Ch.171, 26 Tones RU 36)

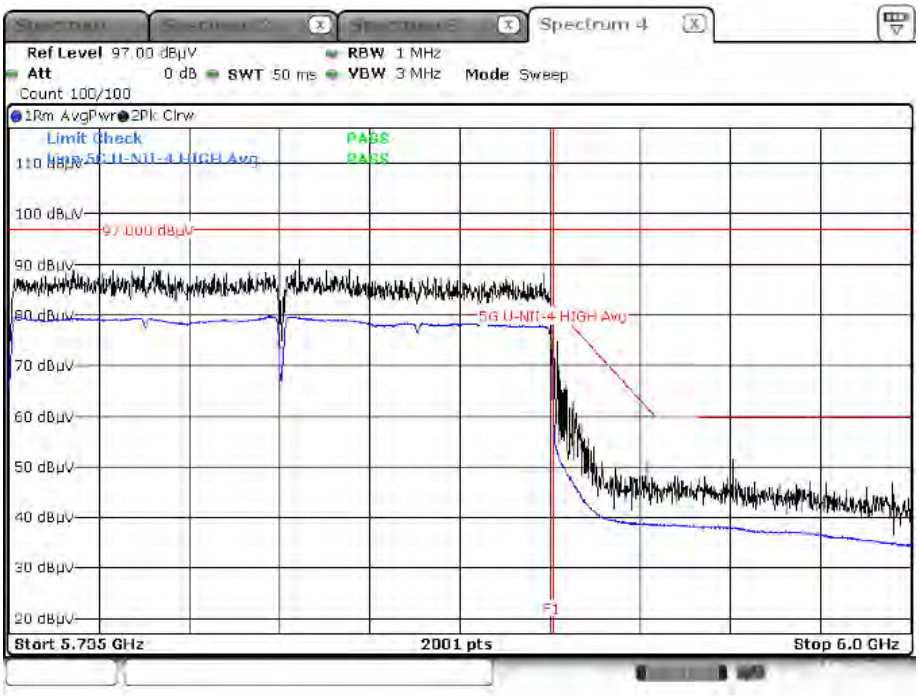


Peak result (802.11ax(HE80), Ch.171, 26 Tones RU 36)

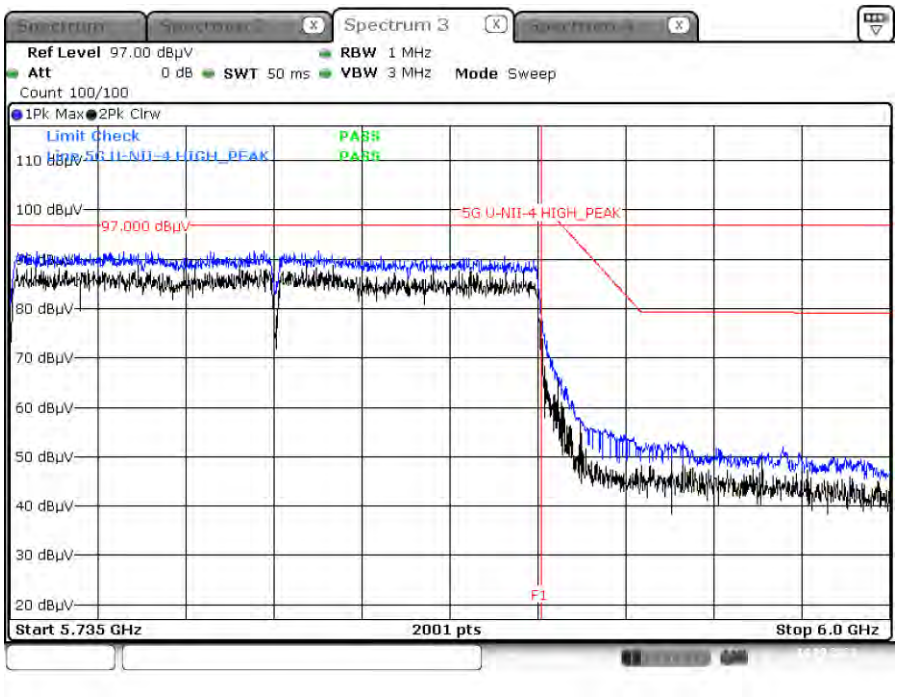


[HE160]

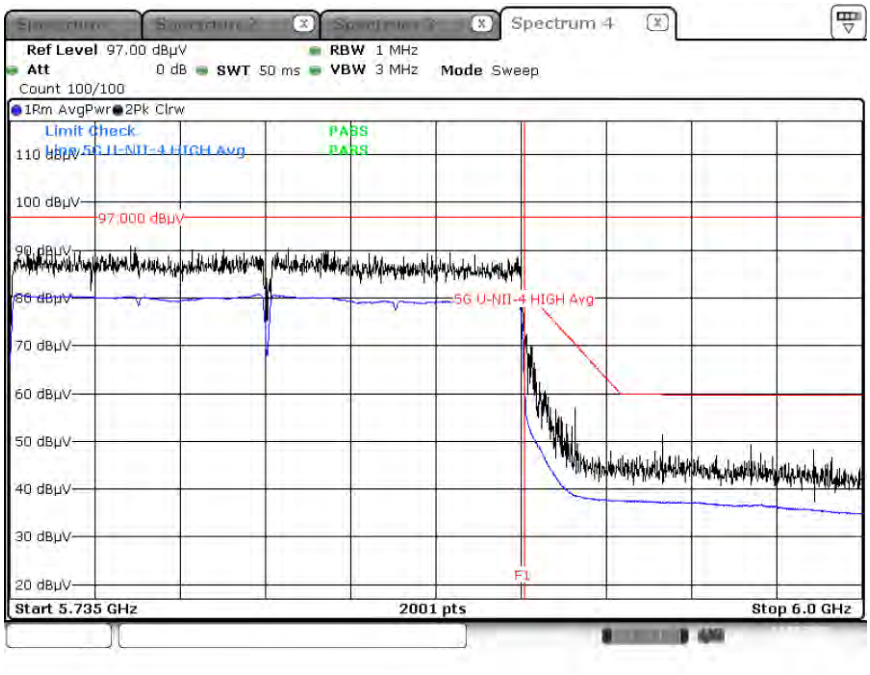
Average result (802.11ax(HE160), Ch.163, SU)



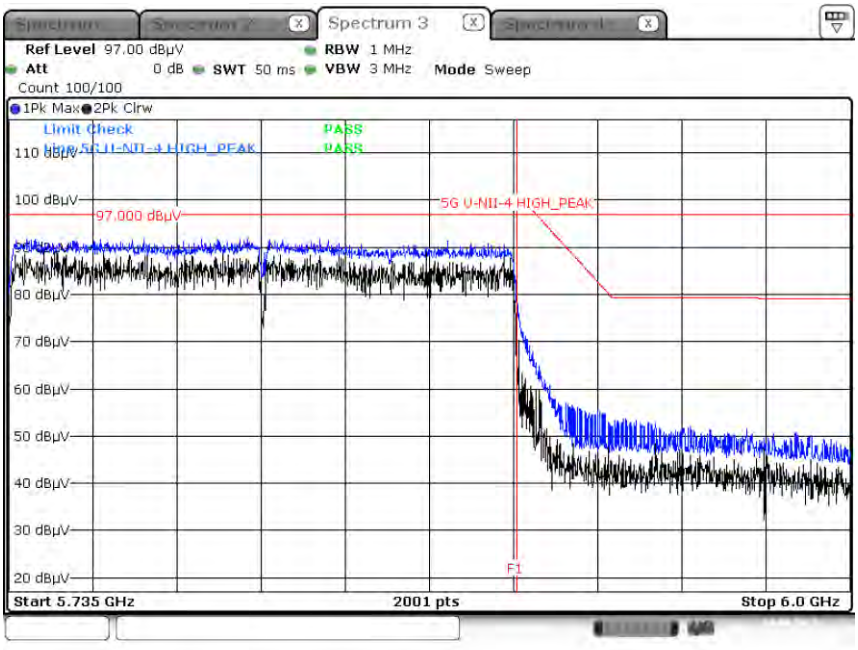
Peak result (802.11ax(HE160), Ch.163, SU)



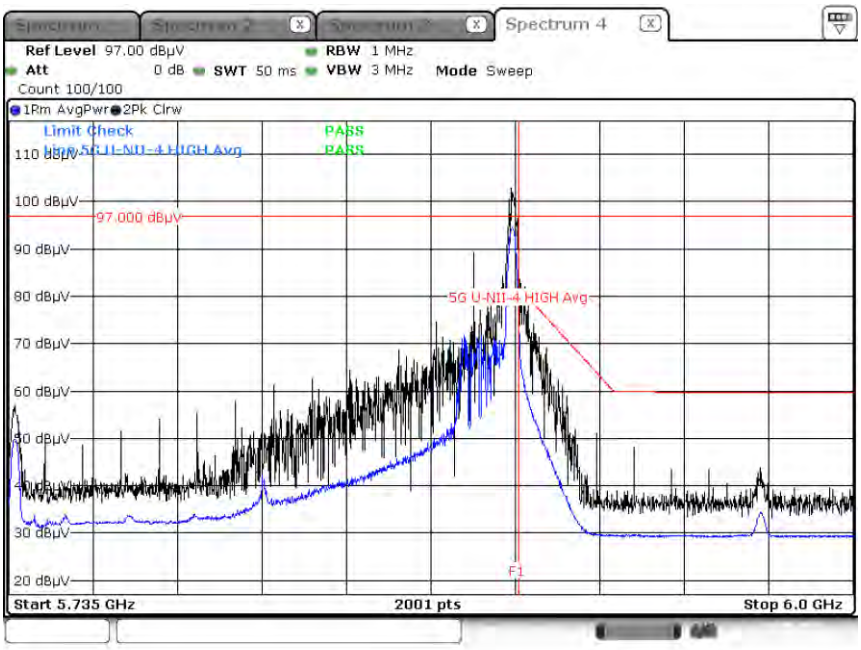
Average result (802.11ax(HE160), Ch.163, 2x996 Tones RU 68)



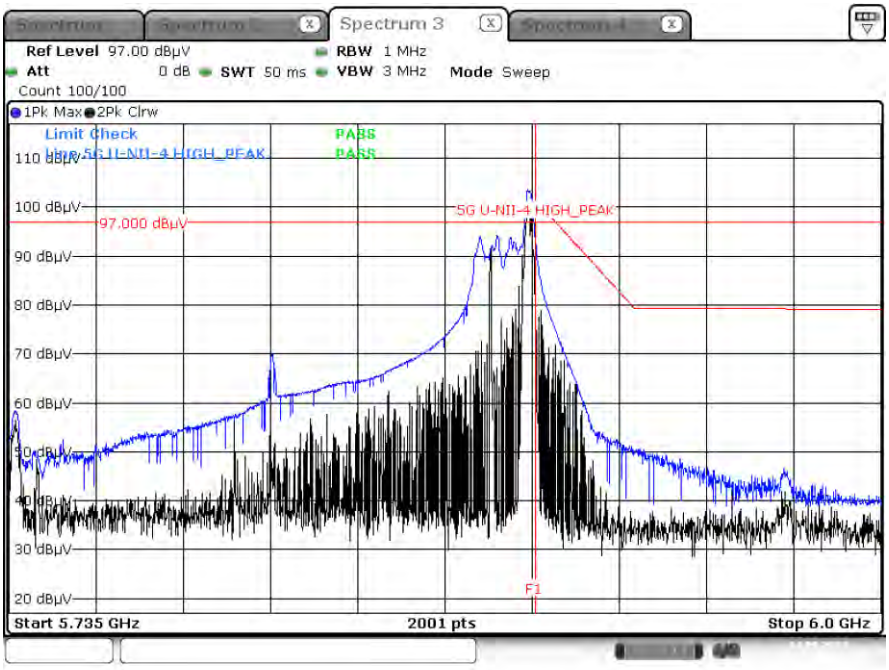
Peak result (802.11ax(HE160), Ch.163, 2x 996 Tones RU 68)



Average result (802.11ax(HE160(80U)), Ch.163, 26 Tones RU 36)



Peak result (802.11ax(HE160(80U)), Ch.163, 26 Tones RU 36)



Note :

1. Only the worst case plots for U-NII-4 O.O.B.E
2. U-NII-4 Low & High O.O.B.E RedLine is Final Test Limit about factor value compensation.

11. LIST OF TESTEQUIPMENT

Conducted Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
LISN	ENV216	Rohde & Schwarz	102245	08/02/2024	Annual
EMI Test Receiver	ESR	Rohde & Schwarz	101910	05/26/2024	Annual
Temperature Chamber	SU-642	ESPEC	0093008124	02/22/2024	Annual
Signal Analyzer	N9030A	Agilent	MY49432108	03/02/2024	Annual
Power Measurement Set	OSP 120	Rohde & Schwarz	101231	06/09/2024	Annual
Power Meter	N1911A	Agilent	MY45100523	03/06/2024	Annual
Power Sensor	N1921A	Agilent	MY57820067	03/06/2024	Annual
Directional Coupler	87300B	Agilent	3116A03621	11/02/2023	Annual
Power Splitter	11667B	Hewlett Packard	10545	02/06/2024	Annual
DC Power Supply	E3632A	Agilent	KR75303243	04/24/2024	Annual
Attenuator(10 dB)(DC-26.5 GHz)	8493C	HP	07560	06/12/2024	Annual
Attenuator(10 dB)(DC-26.5 GHz)	8493C	HP	08285	06/02/2024	Annual
Attenuator(20 dB)	18N-20dB	Rohde & Schwarz	8	03/08/2024	Annual
Software	EMC32	Rohde & Schwarz	N/A	N/A	N/A
FCC WLAN&BT&BLE Conducted Test Software v3.0	N/A	HCT CO., LTD.	N/A	N/A	N/A
Bluetooth Tester	CBT	Rohde & Schwarz	100808	02/16/2024	Annual

Note:

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

Radiated Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
Controller(Antenna mast)	CO3000	Innco system	CO3000-4p	N/A	N/A
Antenna Position Tower	MA4640/800-XP-EP	Innco system	N/A	N/A	N/A
EM1000 / Controller	EM1000	Audix	060520	N/A	N/A
Turn Table	N/A	Audix	N/A	N/A	N/A
Amp & Filter Bank Switch Controller	FBSM-01B	T&M system	TM19050002	N/A	N/A
Loop Antenna	1513	Schwarzbeck	1513-333	03/17/2024	Biennial
Hybrid Antenna	VULB 9168	Schwarzbeck	9168-0895	08/16/2024	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	9120D-1300	01/18/2024	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	9120D-2296	05/18/2024	Biennial
Horn Antenna(15 GHz ~ 40 GHz)	BBHA9170	Schwarzbeck	BBHA9170342	09/29/2024	Biennial
Spectrum Analyzer	FSV(10 Hz ~ 40 GHz)	Rohde & Schwarz	101055	05/12/2024	Annual
Band Reject Filter	WRCJV2400/2483.5-2370/2520-60/12SS	Wainwright Instruments	2	01/05/2024	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments	5	06/12/2024	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments	6	06/12/2024	Annual
High Pass Filter(7 GHz ~ 18 GHz)	WHKX10-7150-8000-18000-50SS	Wainwright Instruments	1	03/02/2024	Annual
Power Amplifier	CBL18265035	CERNEX	22966	12/01/2023	Annual
Power Amplifier	CBL26405040	CERNEX	25956	03/02/2024	Annual
RF Switching System	FMSR-05B (HPF(3~18GHz) + LNA1(1~18GHz))	T&M system	S1L1	01/17/2024	Annual
RF Switching System	FMSR -05B (ATT(10dB) + LNA1(1~18GHz))	T&M system	S1L2	01/17/2024	Annual
RF Switching System	FMSR -05B (ATT(3dB) + LNA1(1~18GHz))	T&M system	S1L3	01/17/2024	Annual
RF Switching System	FMSR -05B (LNA1(1~18GHz))	T&M system	S1L4	01/17/2024	Annual
RF Switching System	FMSR -05B (HPF(7~18GHz) + LNA2(6~18GHz))	T&M system	S1L5	01/17/2024	Annual
RF Switching System	FMSR -05B (Thru(30MHz ~ 18GHz))	T&M system	S1L6	01/17/2024	Annual

Note:

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

12. ANNEX A_ TEST SETUP PHOTO

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

No.	Description
1	HCT-RF-2310-FC054-P

13. ANNEX B_ TEST PLOT

-See Annex B Test Plot