

TEST REPORT

FCC UNII ax Test for SM-X406B
Certification

APPLICANT
SAMSUNG Electronics Co., Ltd.

REPORT NO.
HCT-RF-2506-FC094

DATE OF ISSUE
June 19, 2025

Tested by
Jin Gwan Lee



Technical Manager
Jong Seok Lee



HCT CO., LTD.
Bongjai Huh
BongJai Huh / CEO



HCT CO.,LTD.

2-6, 73, 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, Republic of Korea
Tel. +82 31 645 6300 Fax. +82 31 645 6401

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Applicant

SAMSUNG Electronics Co., Ltd.

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

Product Name

Tablet

Model Name

SM-X406B

FCC ID

A3LSMX406B

Date of Test

May 7, 2025 ~ June 19, 2025

FCC Classification

Unlicensed National Information Infrastructure(NII)

Test Standard Used

FCC Rule Part(s): Part 15.407

Test Results

PASS

Location of Test

☒ Permanent Testing Lab ☐ On Site Testing Lab

(Address: 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, Republic of Korea)

REVISION HISTORY

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

Revision No.	Date of Issue	Description
0	June 19, 2025	Initial Release

Notice

Content

Engineering Statement:

The measurements shown in this report were made in accordance with the procedures indicated, and the emissions from this equipment were found to be within the limits applicable. I assume full responsibility for the accuracy and completeness of these measurements, and for the qualifications of all persons taking them. It is further stated that upon the basis of the measurements made, the equipment tested is capable of operation in accordance with the requirements of the FCC Rules under normal use and maintenance.

The results shown in this test report only apply to the sample(s), as received, provided by the applicant, unless otherwise stated.

The test results have only been applied with the test methods required by the standard(s).

The laboratory is not accredited for the test results marked *.

Information provided by the applicant is marked **.

Test results provided by external providers are marked ***.

When confirmation of authenticity of this test report is required, please contact www.hct.co.kr

The test results in this test report are not associated with the ((KS Q) ISO/IEC 17025) accreditation by KOLAS (Korea Laboratory Accreditation Scheme) / A2LA (American Association for Laboratory Accreditation) that are under the ILAC (International Laboratory Accreditation Cooperation) Mutual Recognition Agreement (MRA).

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1. GENERAL INFORMATION

EUT DESCRIPTION

Model	SM-X406B	
Additional Model	-	
EUT Type	Tablet	
Power Supply	DC 3.86 V	
Modulation Type	OFDMA, OFDM	
Frequency Range (MHz)	U-NII-1	20 MHz BW : 5180 - 5240 40 MHz BW : 5190 - 5230 80 MHz BW : 5210
	U-NII-2A	20 MHz BW : 5260 - 5320 40 MHz BW : 5270 - 5310 80 MHz BW : 5290
	U-NII-2C	20 MHz BW : 5500 - 5720 40 MHz BW : 5510 - 5710 80 MHz BW : 5530 - 5690
	U-NII-3	20 MHz BW : 5745 - 5825 40 MHz BW : 5755 - 5795 80 MHz BW : 5775
	U-NII-4	20 MHz BW : 5845 - 5885 40 MHz BW : 5835 - 5875 80 MHz BW : 5855
Straddle channel	Supported	
TDWR Band	Supported	
Dynamic Frequency Selection	Slave without radar detection	
Antenna Specification	Type: Metal	
Serial number	Conducted : R32Y40016RE Radiated : R32Y400CRTD	

ANTENNA CONFIGURATIONS

1. Antenna configuration

Configurations	SISO		MIMO	
	Ant.1	Ant.2	CDD	SDM
802.11ax (HE20/40/80)	X	O	X	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 bands simultaneously on each antenna.

Simultaneous transmission Scenario	5 GHz WiFi Ant.1	5 GHz WiFi Ant.2	BT	Test Case
Bluetooth + 5 GHz WiFi MIMO	on	on	on	Scenario1

3. Directional Gain Calculation

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

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

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

Band	Ant Gain (dBi)		N_{ANT}/N_{SS}	Directional Gain (dBi)	
	ANT1	ANT2		CDD	SDM
UNII 1	-4.10	-6.70	2 / 2	-2.29	-4.10
UNII 2A	-4.60	-7.00		-2.71	-4.60
UNII 2C	-4.10	-5.30		-1.67	-4.10
UNII 3	-4.30	-4.70		-1.49	-4.30
UNII 4	-5.20	-4.90		-2.04	-4.90

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.

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

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

Sample Calculation (Conducted Power, MIMO):

Ex) ANT1 : 11.58 dBm ANT2 : 12.08 dBm

$$\text{ANT1} + \text{ANT 2} = \text{MIMO}$$

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

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

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

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

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

2. MAXIMUM OUTPUT POWER

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

Band	Mode	MIMO_SDM(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)	15.61	0.036	16.12	0.041	18.88	0.077
	802.11ax(HE40)	14.04	0.025	13.92	0.025	16.99	0.050
	802.11ax(HE80)	11.41	0.014	11.71	0.015	14.57	0.029
UNII2A	802.11ax(HE20)	15.70	0.037	15.71	0.037	18.72	0.074
	802.11ax(HE40)	13.68	0.023	13.82	0.024	16.76	0.047
	802.11ax(HE80)	11.20	0.013	10.79	0.012	14.01	0.025
UNII2C	802.11ax(HE20)	16.02	0.040	16.39	0.044	19.22	0.084
	802.11ax(HE40)	13.45	0.022	14.06	0.025	16.78	0.048
	802.11ax(HE80)	11.46	0.014	11.79	0.015	14.64	0.029
UNII3	802.11ax(HE20)	16.28	0.042	16.87	0.049	19.60	0.091
	802.11ax(HE40)	14.04	0.025	14.46	0.028	17.26	0.053
	802.11ax(HE80)	11.39	0.014	11.41	0.014	14.41	0.028
UNII4	802.11ax(HE20)	16.61	0.046	16.37	0.043	19.50	0.089
	802.11ax(HE40)	14.29	0.027	14.19	0.026	17.25	0.053
	802.11ax(HE80)	11.82	0.015	11.45	0.014	14.65	0.029

Band	Mode	MIMO_SDM(Ant.1+ Ant.2)			
		(Ant.1 + Ant.2) Power		(Ant.1 + Ant.2) EIRP Power	
		(dBm)	ANTGain(dBi)	(dBm)	(W)
UNII4	802.11ax (HE20)	19.50	-4.90	14.60	0.029
	802.11ax (HE40)	17.25	-4.90	12.35	0.017
	802.11ax (HE80)	14.65	-4.90	9.75	0.009

3. TEST METHODOLOGY

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

EUT CONFIGURATION

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

EUT EXERCISE

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

GENERAL TEST PROCEDURES

Conducted Emissions

The EUT is placed on the turntable, which is 0.8 m above ground plane. According to the requirements in Section 6.2 of ANSI C63.10. (Version :2013) Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-peak and average detector modes.

Radiated Emissions

The EUT is placed on a turn table, which is 0.8 m above ground plane below 1 GHz. Above 1 GHz with 1.5m using absorbers between the EUT and receive antenna. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3 m away from the receiving antenna, which varied from 1 m to 4 m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this hand-held transmitter (EUT) was rotated through three orthogonal axes according to the requirements in Section 6.6.5 of ANSI C63.10. (Version: 2013)

DESCRIPTION OF TEST MODES

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

4. INSTRUMENT CALIBRATION

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment's, which is traceable to recognized national standards.

Especially, all antenna for measurement is calibrated in accordance with the requirements of ANSI C63.5 (Version : 2017).

5. FACILITIES AND ACCREDITATIONS

5.1 FACILITIES

The SAC(Semi-Anechoic Chamber) and conducted measurement facility used to collect the radiated data are located at the 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383, Rep. of KOREA. The site is constructed in conformance with the requirements of ANSI C63.4. (Version :2014) and CISPR Publication 22.

Detailed description of test facility was submitted to the Commission and accepted dated March 11, 2024 (Registration Number: KR0032).

5.2 EQUIPMENT

Radiated emissions are measured with one or more of the following types of Linearly polarized antennas: tuned dipole, bi-conical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with pre-selectors and quasi-peak detectors are used to perform radiated measurements. Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers. Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

6. ANTENNA REQUIREMENTS

According to FCC 47 CFR § 15.203, § 15.407:

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

- (1) The antennas of this E.U.T are permanently attached.
- (2) The E.U.T Complies with the requirement of § 15.203, § 15.407

7. MEASUREMENT UNCERTAINTY

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

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

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

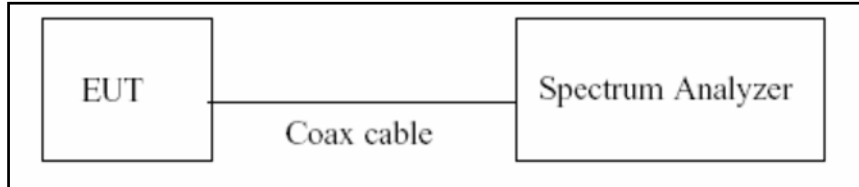
Parameter	Expanded Uncertainty ($\pm$ kHz)
X dB, 99% Bandwidth	95 (Confidence level about 95 %, $k=2$)
Frequency stability	28 (Confidence level about 95 %, $k=2$)

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

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.

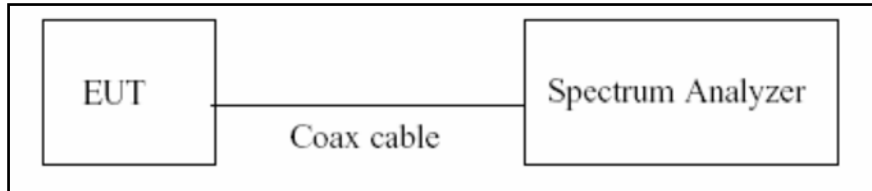
1. RBW = 8 MHz (the largest available value)
2. VBW = 8 MHz ($\geq$ RBW)
3. SPAN = 0 Hz
4. Detector = Peak
5. Number of points in sweep > 100
6. Trace mode = Clear write
7. Measure T_{total} and T_{on}
8. Calculate Duty Cycle = $T_{\text{on}} / T_{\text{total}}$ and Duty Cycle Factor = $10\log(1/\text{Duty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

8.2. 6 dB Bandwidth & 26 dB Bandwidth

Limit

Within the 5.725-5.85 GHz(NII-3) & 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 $\geq 3 \times$ RBW
3. Detector = Peak
4. Trace mode = Max Hold
5. Allow the trace to stabilize
6. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points(upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Note:

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

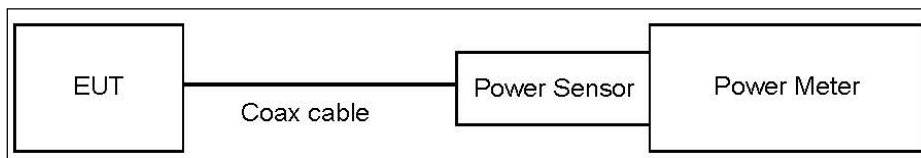
8.3. Output Power Measurement

Limit

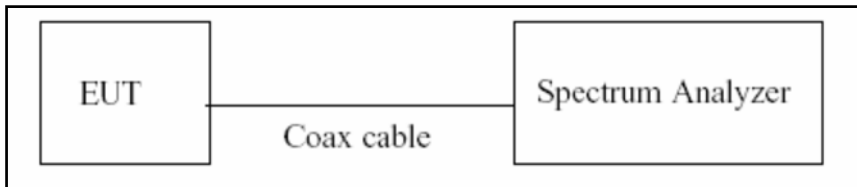
Band	Limit
UNII 1	- Master : Not exceed 1 W(=30 dBm) - Slave : Not exceed 250 mW(=23.98 dBm)
UNII 2A, 2C	Not exceed the lesser of 250 mW or 11 dBm + 10 log B, (where B is the 26 dB emission bandwidth in megahertz.)
UNII 3	Not exceed 1 W(=30 dBm)
UNII 4	EIRP 30 dBm

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 $\geq$ 3 MHz.
5. Number of points in sweep $\geq$ 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 $10\log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times.

Sample Calculation

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

Note

1. Spectrum Measured Values are not plot data.

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

2. Spectrum offset Attenuator loss(10 dB) + Cable loss + EUT Cable Loss

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

Band	Loss(dB)
UNII 1	12.04
UNII 2A	12.04
UNII 2C	12.04
UNII 3&4	12.04

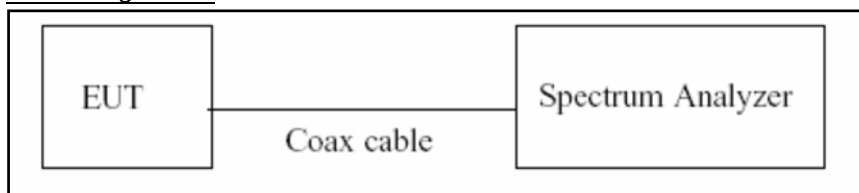
(Actual value of loss for the attenuator and cable combination)

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

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 Attenuator loss(10 dB) + Cable loss + EUT Cable Loss

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

Band	Loss(dB)
UNII 1	12.04
UNII 2A	12.04
UNII 2C	12.04
UNII 3&4	12.04

(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 μ H/50 ohms line impedance stabilization network (LISN).

Frequency Range (MHz)	Limits (dB μ V)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56 ^(a)	56 to 46 ^(a)
0.50 to 5	56	46
5 to 30	60	50

^(a)Decreases with the logarithm of the frequency.

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

Test Configuration

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

Test Procedure

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

Sample Calculation

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

8.6. Radiated Test

Limit

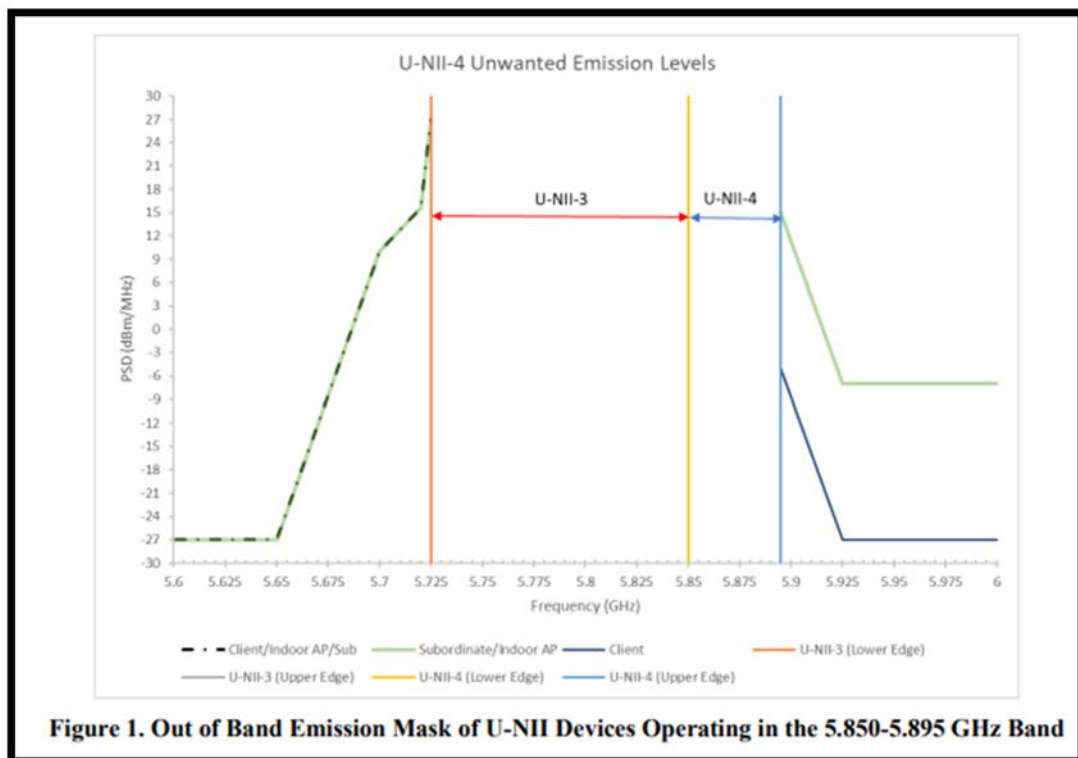
1. UNII 1: All emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.
2. UNII 2A, 2C: All emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.
3. UNII 3: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or 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.

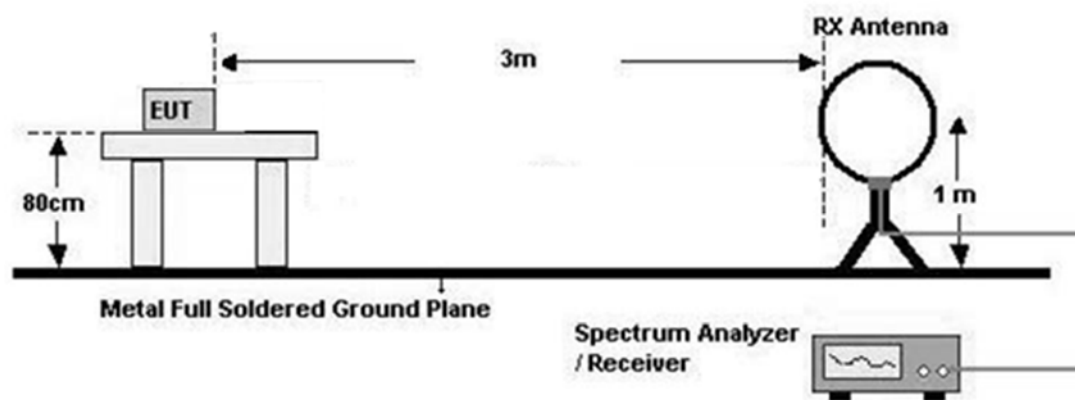


5. All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Section 15.209.

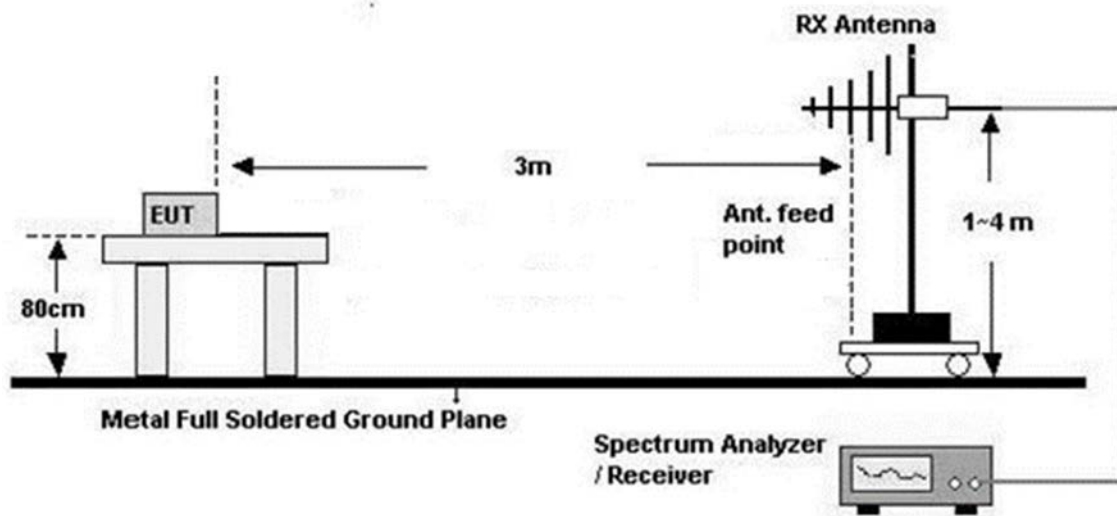
Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (m)
0.009 – 0.490	$2400/F(\text{kHz})$	300
0.490 – 1.705	$24000/F(\text{kHz})$	30
1.705 – 30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Test Configuration

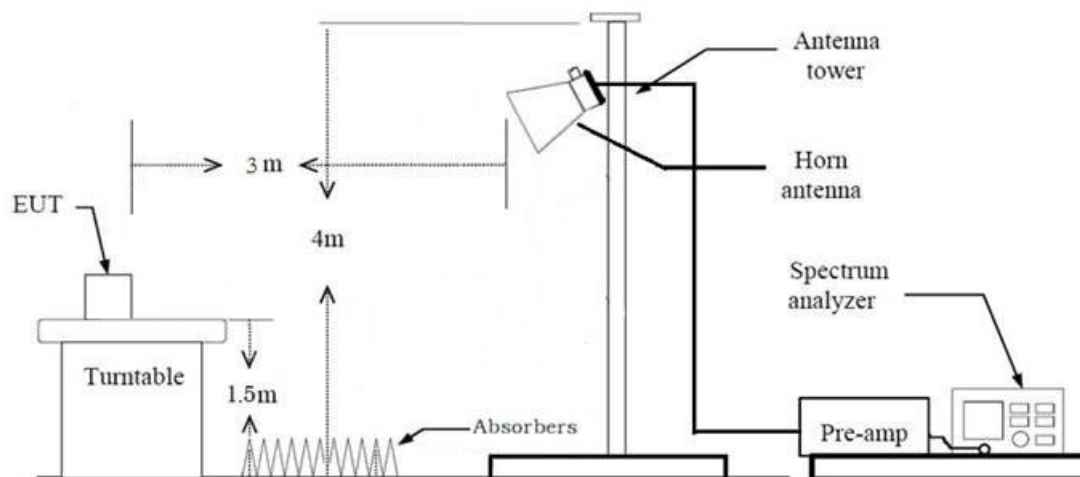
Below 30 MHz



30 MHz - 1 GHz



Above 1 GHz



Test Procedure of Radiated spurious emissions(Below 30 MHz)

1. The EUT was placed on a non-conductive table located on semi-anechoic chamber.
2. The loop antenna was placed at a location 3 m from the EUT
3. The EUT is placed on a turntable, which is 0.8m above ground plane.
4. We have done x, y, z planes in EUT and horizontal and vertical polarization and Parallel to the ground plane in detecting antenna.
5. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
6. Distance Correction Factor(0.009 MHz – 0.490 MHz) = $40\log(3 \text{ m}/300 \text{ m}) = -80 \text{ dB}$
Measurement Distance : 3 m
7. Distance Correction Factor(0.490 MHz – 30 MHz) = $40\log(3 \text{ m}/30 \text{ m}) = -40 \text{ dB}$

Measurement Distance : 3 m

8. Spectrum Setting

- Frequency Range = 9 kHz ~ 30 MHz
- Detector = Peak
- Trace = Max Hold
- RBW = 9 kHz
- VBW $\geq 3 \times$ RBW

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

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

KDB 414788 OFS and Chamber Correlation Justification

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

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

Test Procedure of Radiated spurious emissions(Below 1 GHz)

1. The EUT was placed on a non-conductive table located on semi-anechoic chamber.
2. The EUT is placed on a turntable, which is 0.8m above ground plane.
3. The Hybrid antenna was placed at a location 3 m from the EUT, which is varied from 1 m to 4 m to find out the highest emissions.
4. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
5. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.

6. Spectrum Setting

(1) Measurement Type(Peak):

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

(2) Measurement Type(Quasi-peak):

- Measured Frequency Range : 30 MHz – 1 GHz
- Detector = Quasi-Peak
- RBW = 120 kHz

※In general, (1) is used mainly

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

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

Test Procedure of Radiated spurious emissions (Above 1 GHz)

1. The EUT is placed on a turntable, which is 1.5 m above ground plane.
2. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
3. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
4. EUT is set 3 m away from the receiving antenna, which is varied from 1 m to 4 m to find out the highest emissions.
5. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
6. Each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
7. 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 $\geq$ 3 MHz
- Detector = Peak
- Sweep Time = auto
- Trace mode = Max Hold
- Allow sweeps to continue until the trace stabilizes.

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

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

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

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 = $20\log(\text{test distance} / \text{specific distance})$ (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 $\geq$ 3 MHz
- Detector = Peak
- Sweep Time = auto
- Trace mode = Max Hold
- Allow sweeps to continue until the trace stabilizes.

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

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

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

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 = $20\log(\text{test distance} / \text{specific distance})$ (dB)
- 11. Total
 - (1) Measurement(Peak)
= Measured Value(Peak)
 - (2) Measurement(Avg)
= Measured Value (Avg)
 - We apply to the offset in the range 1 GHz - 18 GHz.
 - The offset = Antenna Factor(A.F) + Cable Loss(C.L) + Distance Factor(D.F) – Amp. Gain(A.G) + Attenuator (ATT)

The actual setting value of VBW(SISO)

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	0.981	0.000	0.180	1 000
	52	MCS0	0.981	0.000	0.195	1 000
	106	MCS0	0.965	0.157	0.410	1 000
	242	MCS0	0.917	0.377	0.910	1 000
802.11ax (HE40)	26	MCS0	0.979	0.090	0.180	1 000
	52	MCS0	0.983	0.000	0.195	1 000
	106	MCS0	0.967	0.146	0.410	1 000
	242	MCS0	0.917	0.377	0.910	1 000
	484	MCS0	0.877	0.571	1.722	2 000
802.11ax (HE80)	26	MCS0	0.981	0.000	0.180	1 000
	52	MCS0	0.983	0.000	0.195	1 000
	106	MCS0	0.960	0.179	0.410	1 000
	242	MCS0	0.917	0.377	0.910	1 000
	484	MCS0	0.854	0.688	1.722	2 000
	996	MCS0	0.738	1.317	3.257	5 000
802.11ax (SU)	BW 20	MCS0	0.924	0.344	0.912	1 000
	BW 40	MCS0	0.852	0.693	1.734	2 000
	BW 80	MCS0	0.754	1.224	3.289	5 000

The actual setting value of VBW(MIMO_SDM(Ant.1+Ant.2))

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	0.982	0.000	0.194	1 000
	52	MCS0	0.966	0.152	0.384	1 000
	106	MCS0	0.925	0.336	0.799	1 000
	242	MCS0	0.855	0.681	1.698	2 000
802.11ax (HE40)	26	MCS0	0.981	0.000	0.195	1 000
	52	MCS0	0.963	0.165	0.384	1 000
	106	MCS0	0.920	0.363	0.799	1 000
	242	MCS0	0.855	0.680	1.699	2 000
	484	MCS0	0.767	1.150	3.034	5 000
802.11ax (HE80)	26	MCS0	0.981	0.000	0.195	1 000
	52	MCS0	0.963	0.162	0.384	1 000
	106	MCS0	0.920	0.363	0.799	1 000
	242	MCS0	0.855	0.679	1.697	2 000
	484	MCS0	0.768	1.146	3.033	5 000
	996	MCS0	0.672	1.725	5.379	10 000
802.11ax (SU)	BW 20	MCS0	0.854	0.683	1.709	2 000
	BW 40	MCS0	0.765	1.163	3.071	5 000
	BW 80	MCS0	0.690	1.611	5.504	10 000

8.7. Test RU for Tones

BW (MHz)	Tones (T)	RU offset	Test RU offset		
			Low	Mid	High
20	26	0~8	0	4	8
	52	37~40	37	38	40
	106	53~54	53	-	54
	242	61	-	61	-
40	26	0~17	0	9	17
	52	37~44	37	41	44
	106	53~56	53	54	56
	242	61~62	61	-	62
	484	65	-	65	-
80	26	0~36	0	18	36
	52	37~52	37	45	52
	106	53~60	53	57	60
	242	61~64	61	62	64
	484	65~66	65	-	66
	996	67	-	67	-

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 : MCS0

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. All data rate of operation were investigated and the worst case results are reported.
(Worst case : MCS0)
3. All Antenna of operation were investigated and the worst case results are reported
 - Antenna Operation Type : SISO_Ant.2, MIMO_SDM(Ant.1+Ant.2)
 - Worstcase : MIMO_SDM(Ant.1+Ant.2)
4. EUT Axis
 - Radiated Spurious Emissions : Z
 - Radiated Restricted Band Edge : X
5. All position of loop antenna were investigated and the test result is a no critical peak found at all positions.
 - Position : Horizontal, Vertical, Parallel to the ground plane
6. All mode(Tone, RU Offset) of operation were investigated and the worst case configuration results are reported

AC Power line Conducted Emissions

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

[RSE Worst case]

Test	BW (MHz)	Tones (T)	Offset
RSE	20	26	4
		SU	-
	40	26	9
		SU	-
	80	26	18
		SU	-

[BandEdge Worst case]

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

Radiated test(Simultaneous transmission Scenario)

1. 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 : X

3. All of Simultaneous transmission Scenario Scenario were investigated and the worst case configuration results are reported.

Simultaneous transmission Scenario	5 GHz WiFi Ant.1	5 GHz WiFi Ant.2	BT	Test Case
Bluetooth + 5 GHz WiFi MIMO	on	on	on	Scenario1

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

And the worst results were reported.

- Worst result: Radiated spurious emissions

- Intermodulation: No signals are generated.

- Radiated spurious emissions: cf. Section 10.8

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

Description	Bluetooth Emission	5 GHz Emission
Antenna	BT ANT	Ant All(MIMO)
Channel	78	177
Data Rate	1 Mbps	MCS 0
Mode	GFSK	802.11ax(HE20)
Tone, RU	N/A	SU

Note : BT DBS Data refer to [BT] Test Report.

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) <1 W (5850-5895 MHz)		PASS
Maximum EIRP Output Power	§ 15.407(a)(3)(iii)	< EIRP 30dBm (5850-5895 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(5850-5895 MHz)		PASS
Frequency Stability	§ 15.407(g) § 2.1055	Maintained within the band		PASS (Note1)
AC Conducted Emissions 150 kHz-30 MHz	15.207 15.407(b)(9)	<FCC 15.207 limits		PASS (Note1)
Undesirable Emissions	§ 15.407(b) (1),(2),(3),(4) § 15.407(b)(5)(ii),(iii)	<-27 dBm/MHz EIRP (UNII1, 2A, 2C) cf. Section 8.6 (UNII 3&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

Note:

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

10. TEST RESULT

10.1 DUTY CYCLE

[SISO]

Mode	Tone	Worst Data rate (Mbps)	T _{on} (ms)	T _{total} (ms)	Duty Cycle	Duty Cycle Factor (dB)
802.11ax (HE20)	26	MCS0	5.548	5.654	0.981	0.000
	52	MCS0	5.127	5.229	0.981	0.000
	106	MCS0	2.439	2.528	0.965	0.157
	242	MCS0	1.099	1.199	0.917	0.377
802.11ax (HE40)	26	MCS0	5.548	5.665	0.979	0.090
	52	MCS0	5.133	5.224	0.983	0.000
	106	MCS0	2.438	2.522	0.967	0.146
	242	MCS0	1.099	1.198	0.917	0.377
	484	MCS0	0.581	0.662	0.877	0.571
802.11ax (HE80)	26	MCS0	5.548	5.654	0.981	0.000
	52	MCS0	5.127	5.219	0.983	0.000
	106	MCS0	2.438	2.541	0.960	0.179
	242	MCS0	1.099	1.199	0.917	0.377
	484	MCS0	0.581	0.680	0.854	0.688
	996	MCS0	0.307	0.416	0.738	1.317
802.11ax (SU)	BW 20	MCS0	1.096	1.187	0.924	0.344
	BW 40	MCS0	0.577	0.677	0.852	0.693
	BW 80	MCS0	0.304	0.403	0.754	1.224

Note:

1. Duty Cycle Factor = $10 \cdot \log(1/\text{Duty Cycle})$. where, Duty Cycle = $T_{\text{on}} / T_{\text{total}}$

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

Mode	Tone	Worst Data rate (Mbps)	T _{on} (ms)	T _{total} (ms)	Duty Cycle	Duty Cycle Factor (dB)
802.11ax (HE20)	26	MCS0	5.143	5.239	0.982	0.000
	52	MCS0	2.605	2.698	0.966	0.152
	106	MCS0	1.251	1.352	0.925	0.336
	242	MCS0	0.589	0.689	0.855	0.681
802.11ax (HE40)	26	MCS0	5.138	5.239	0.981	0.000
	52	MCS0	2.603	2.704	0.963	0.165
	106	MCS0	1.251	1.361	0.920	0.363
	242	MCS0	0.588	0.688	0.855	0.680
	484	MCS0	0.330	0.429	0.767	1.150
802.11ax (HE80)	26	MCS0	5.138	5.239	0.981	0.000
	52	MCS0	2.605	2.704	0.963	0.162
	106	MCS0	1.251	1.361	0.920	0.363
	242	MCS0	0.589	0.689	0.855	0.679
	484	MCS0	0.330	0.429	0.768	1.146
	996	MCS0	0.186	0.277	0.672	1.725
802.11ax (SU)	BW 20	MCS0	0.585	0.685	0.854	0.683
	BW 40	MCS0	0.326	0.426	0.765	1.163
	BW 80	MCS0	0.182	0.263	0.690	1.611

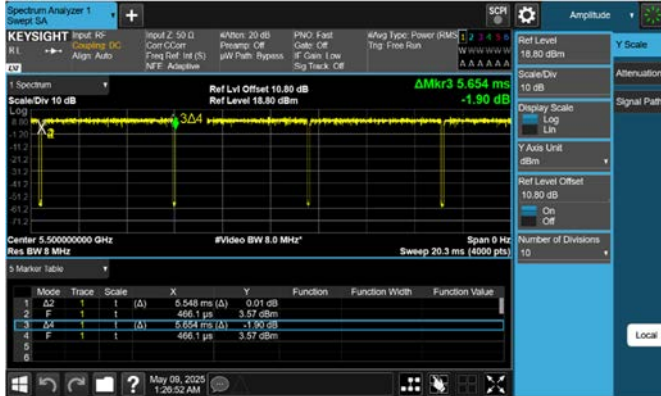
Note:

1. Duty Cycle Factor = $10 \cdot \log(1/\text{Duty Cycle})$. where, Duty Cycle = T_{on} / T_{total}

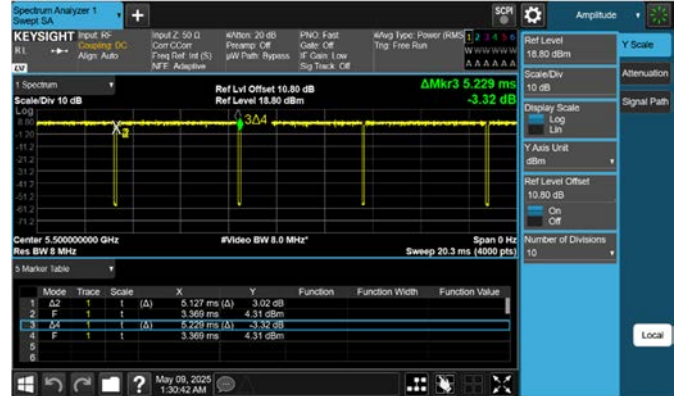
Test Plots[SISO]

(Bandwidth 20M Ch.100(5500 MHz))

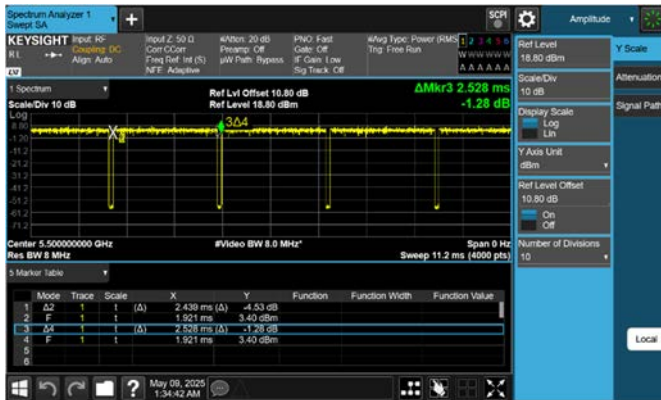
26Tone MCS0



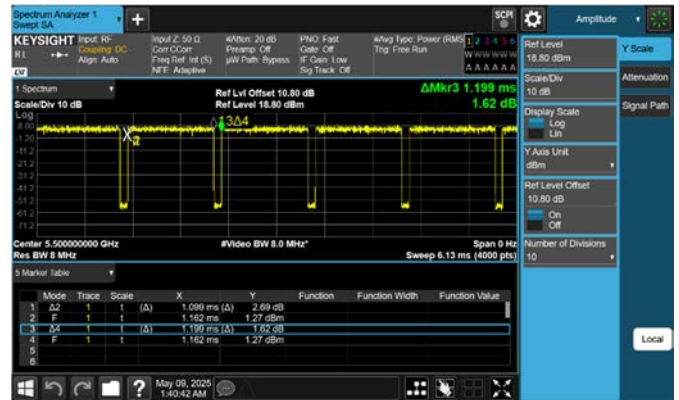
52Tone MCS0



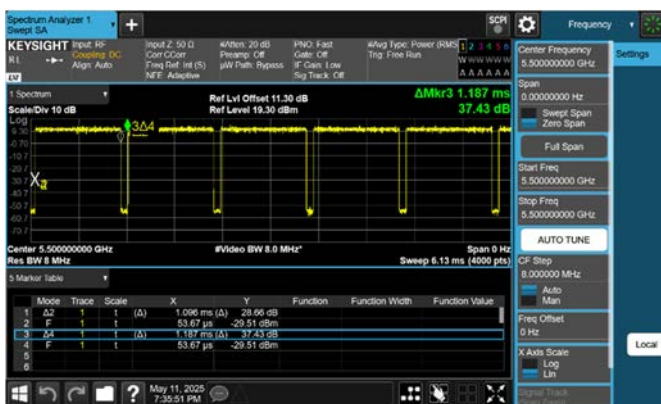
106Tone MCS0



242Tone MCS0

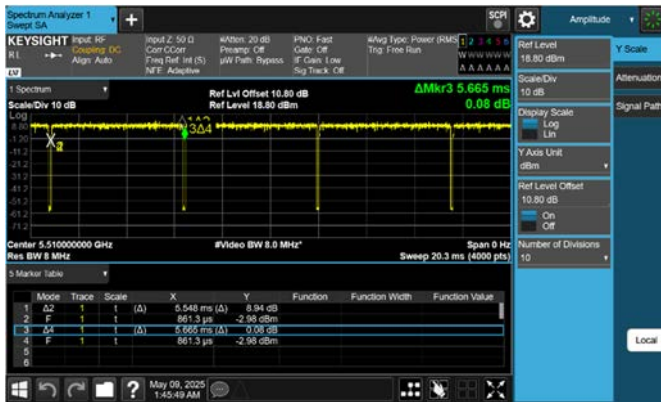


SU MCS0

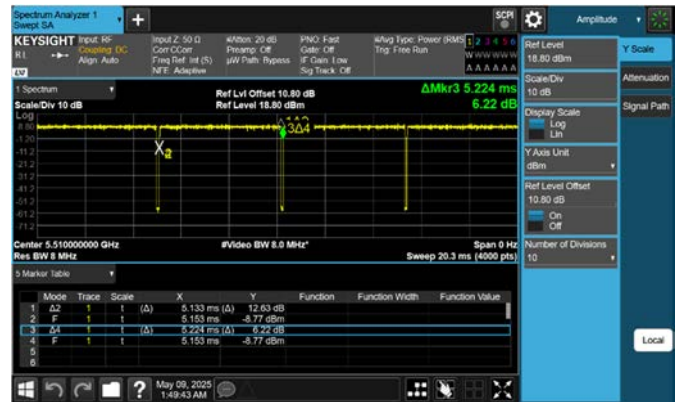


Test Plots(Bandwidth 40M Ch.102(5510 MHz))

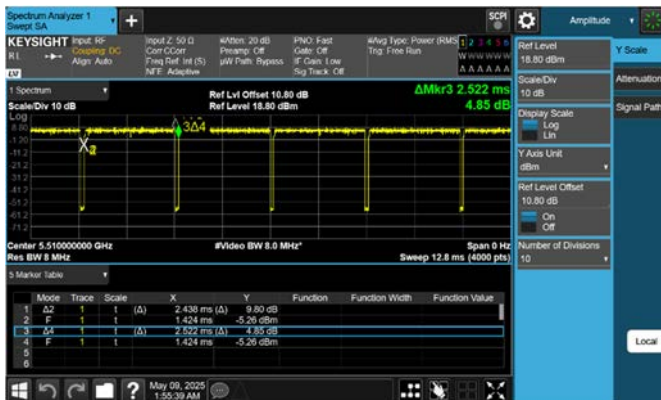
26Tone MCS0



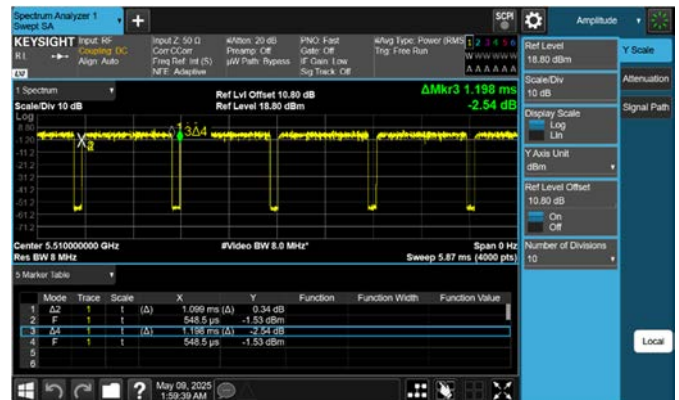
52Tone MCS0



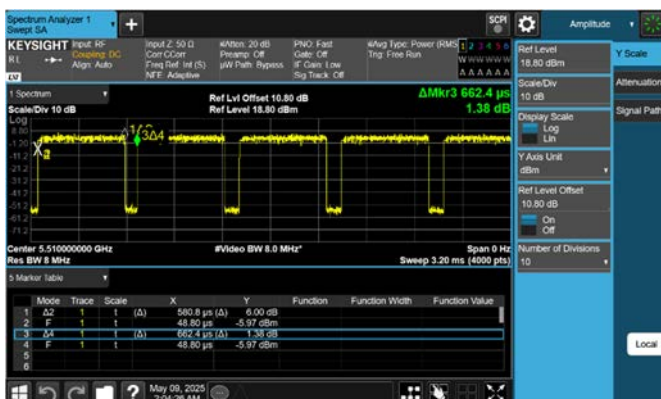
106Tone MCS0



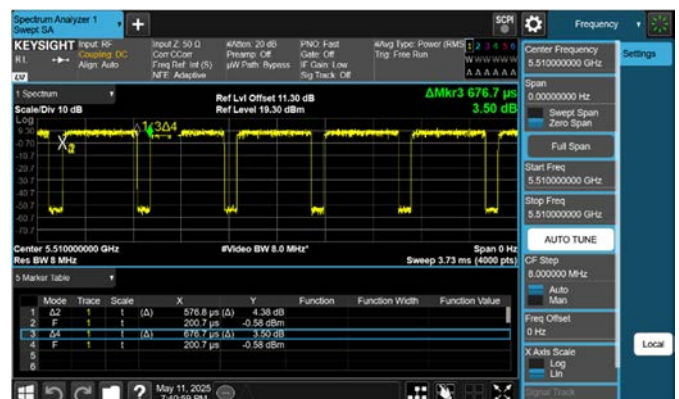
242Tone MCS0



484Tone MCS0

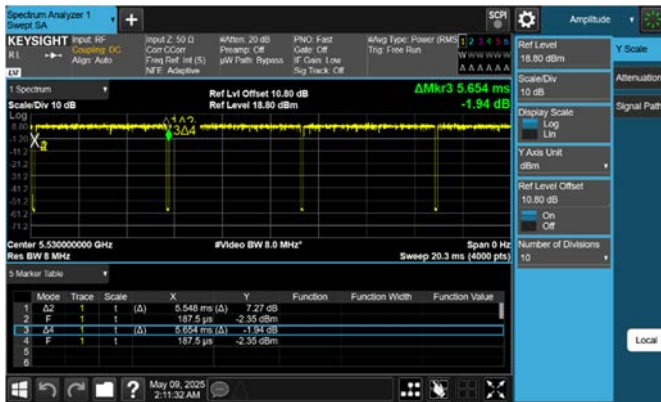


SU

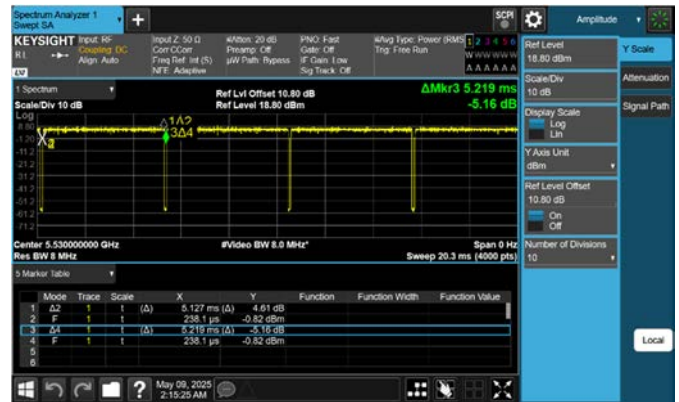


Test Plots(Bandwidth 80M Ch.106(5530 MHz))

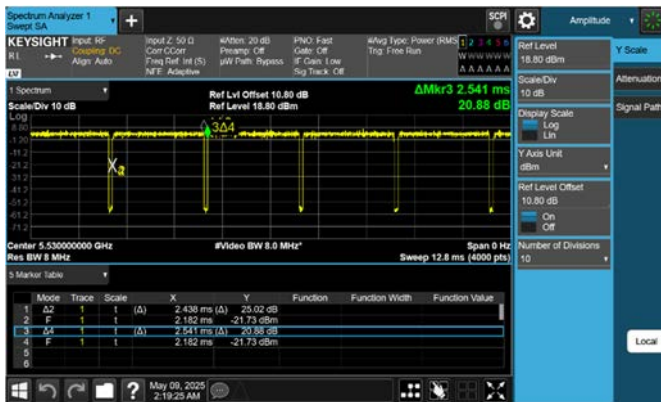
26Tone MCS0



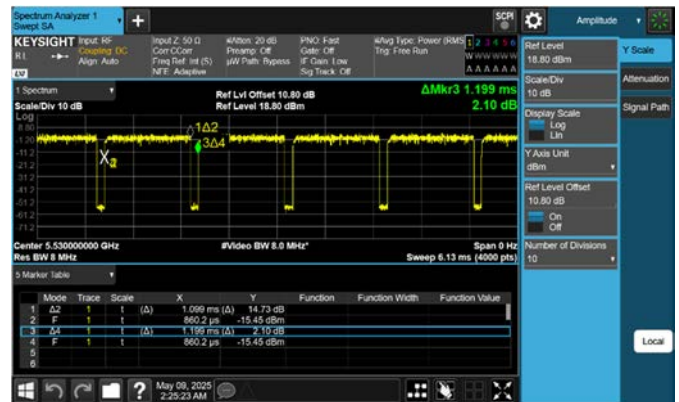
52Tone MCS0



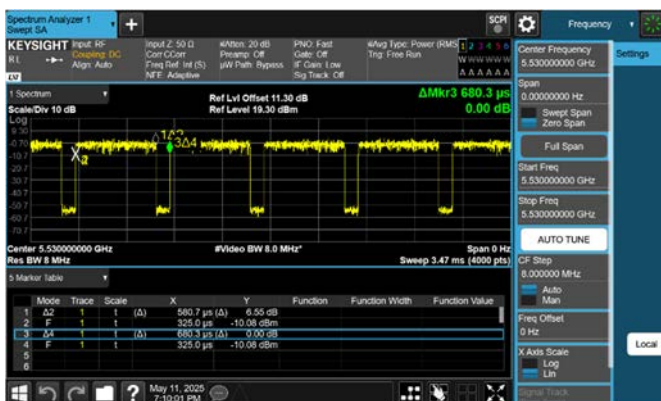
106Tone MCS0



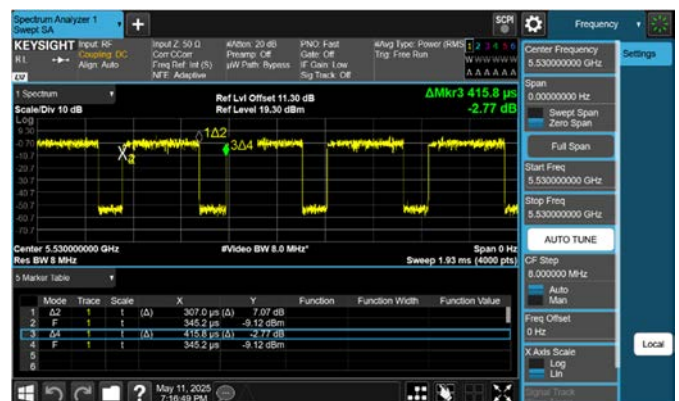
242Tone MCS0



484Tone MCS0



996Tone MCS0



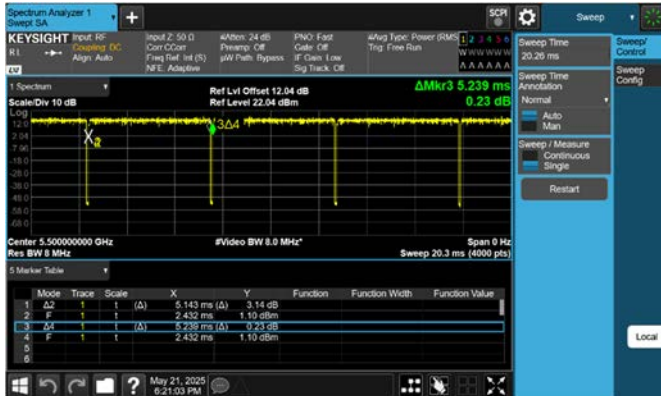
SU



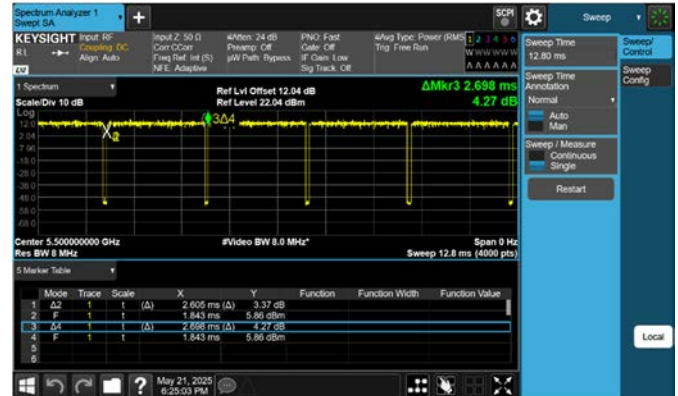
Note: In order to simplify the report, attached plots were only the lowest datarate.

■ Test Plots[MIMO_SDM(Ant.1+Ant.2)]
(Bandwidth 20M Ch.100(5500 MHz))

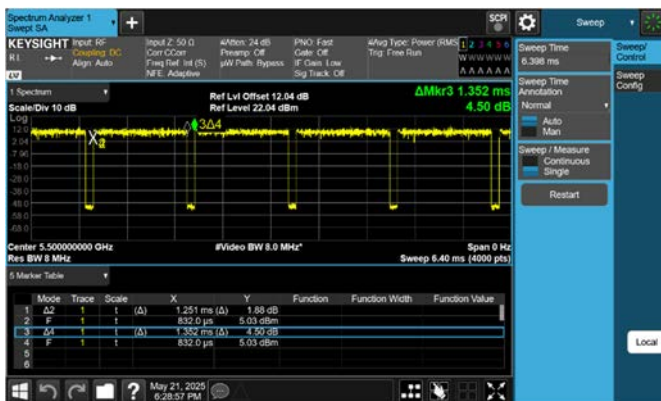
26Tone MCS0



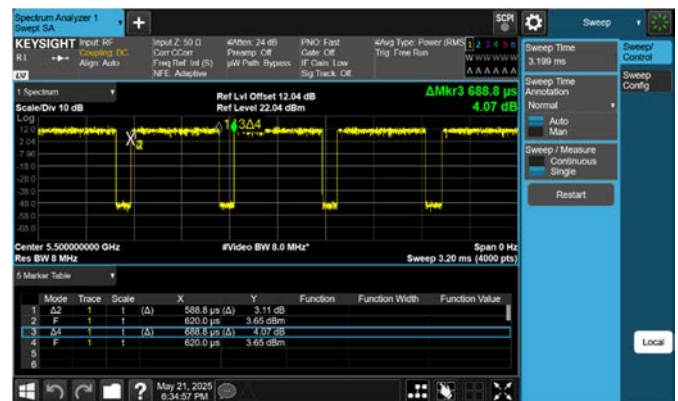
52Tone MCS0



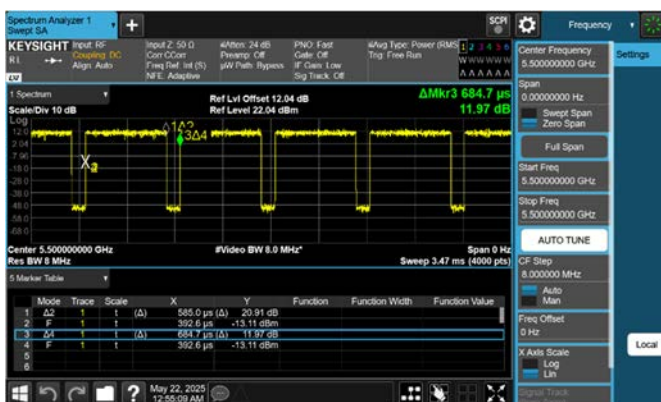
106Tone MCS0



242Tone MCS0

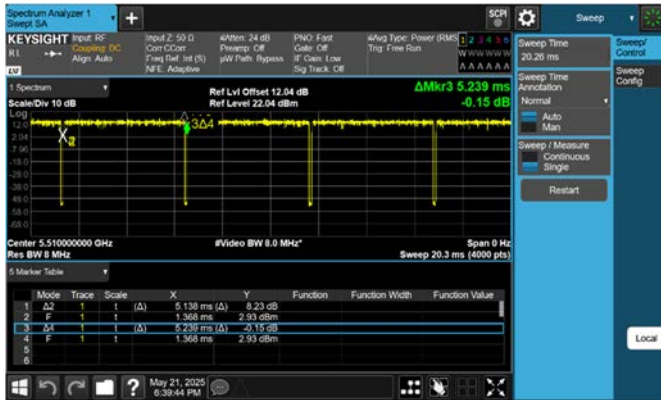


SU MCS0

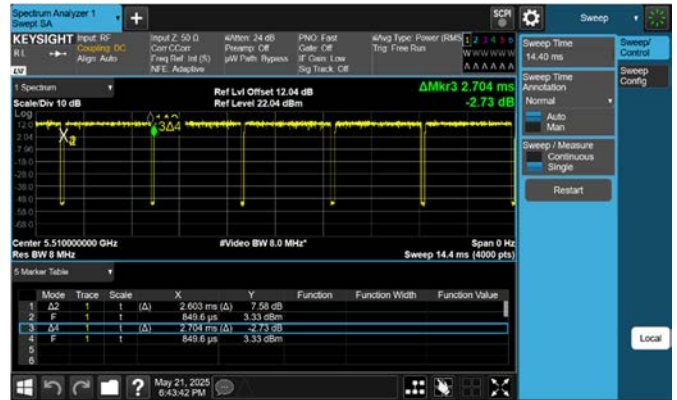


Test Plots(Bandwidth 40M Ch.102(5510 MHz))

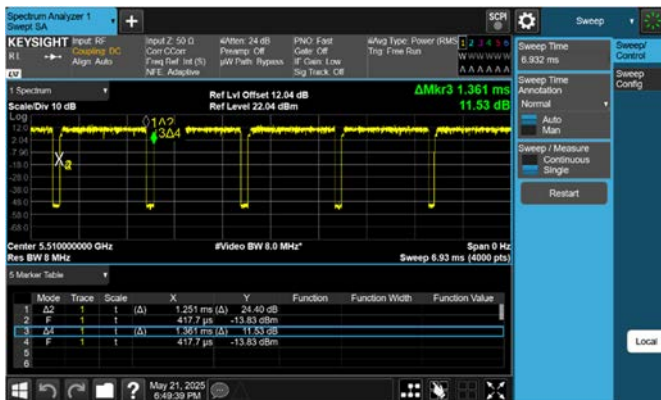
26Tone MCS0



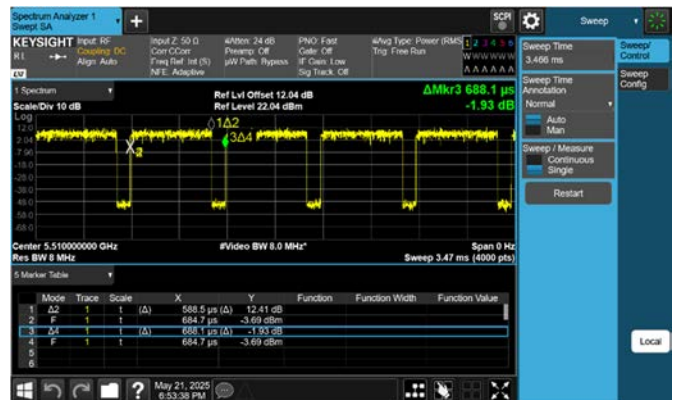
52Tone MCS0



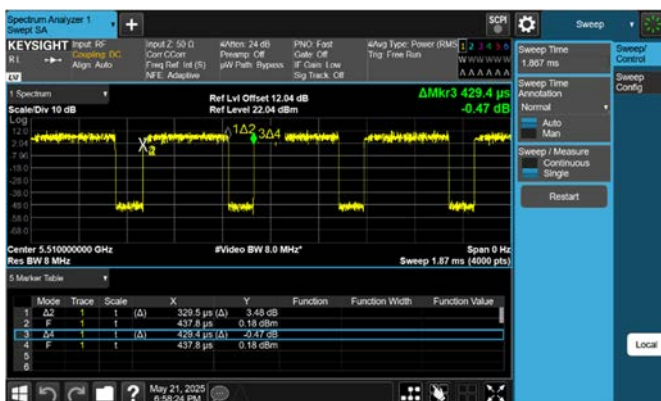
106Tone MCS0



242Tone MCS0



484Tone MCS0

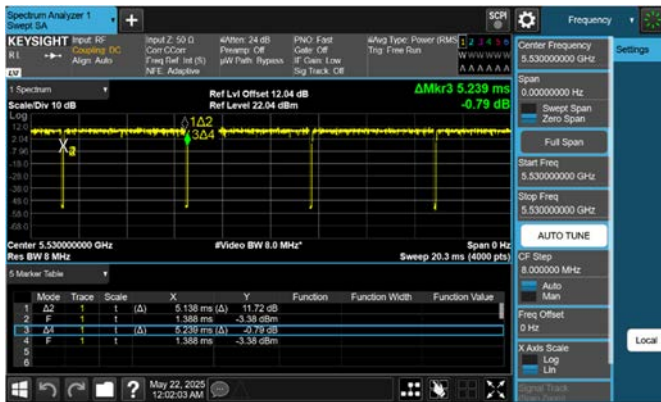


SU

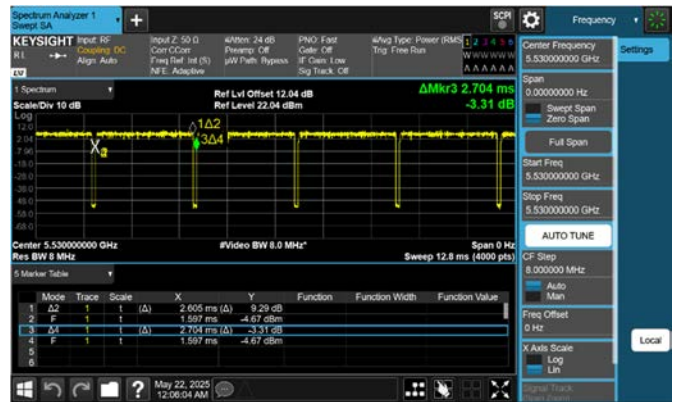


☐ Test Plots(Bandwidth 80M Ch.106(5530 MHz))

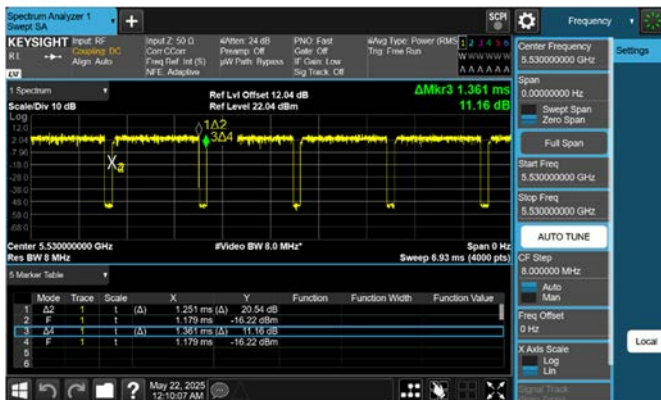
26Tone MCS0



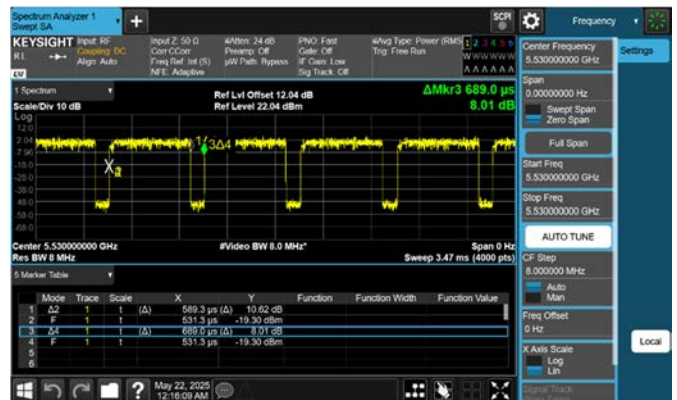
52Tone MCS0



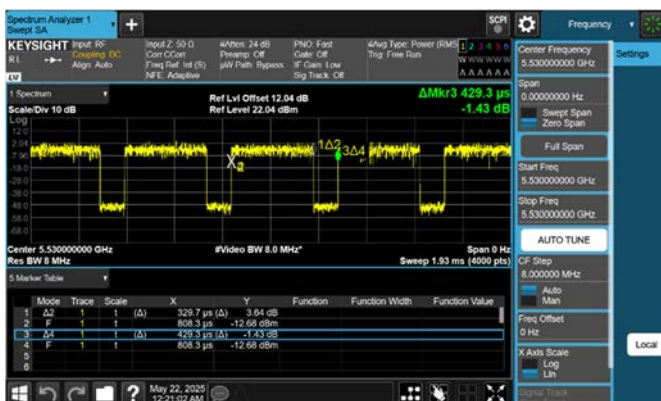
106Tone MCS0



242Tone MCS0



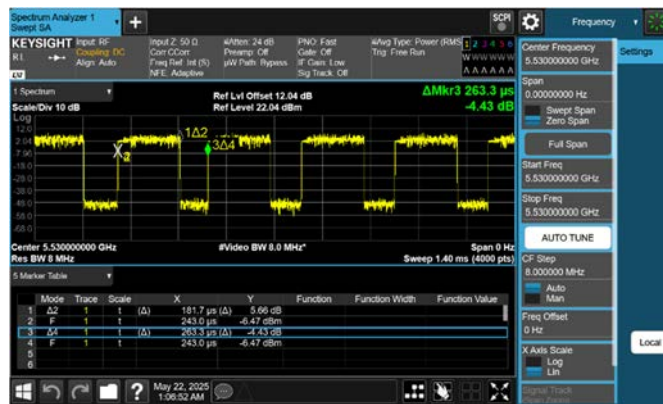
484Tone MCS0



996Tone MCS0



SU



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

10.2 26 dB BANDWIDTH & 99% BANDWIDTH

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

Straddle channel data were added in section 10.6.1.

10.2.1 Ant.1

Mode : HE20 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	20.66	18.13	20.38	18.474	16.623	18.310
	5200	40	20.51	18.16	20.41	18.524	16.629	18.326
	5240	48	20.55	18.13	20.42	18.503	16.595	18.341
UNII2A	5260	52	20.60	18.20	20.60	18.500	16.639	18.362
	5300	60	20.46	18.09	20.24	18.469	16.555	18.297
	5320	64	20.32	18.17	20.40	18.519	16.618	18.303
UNII2C	5500	100	20.47	18.09	20.61	18.588	16.576	18.476
	5580	116	20.55	18.08	20.65	18.447	16.593	18.580
	5720	144	20.97	18.01	20.88	18.587	16.589	18.585
UNII3	5745	149	20.50	18.12	20.51	18.551	16.601	18.537
	5785	157	20.93	18.18	20.59	18.593	16.602	18.583
	5825	165	21.16	18.16	20.41	18.534	16.590	18.510
UNII4	5845	169	20.62	18.11	20.40	18.449	16.570	18.427
	5865	173	20.61	18.12	20.51	18.594	16.557	18.537
	5885	177	20.69	18.21	20.53	18.482	16.620	18.482

Mode : HE20 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	20.64	18.40	20.12	18.232	16.696	17.995
	5200	40	20.64	18.41	20.23	18.214	16.740	17.993
	5240	48	20.82	18.37	20.34	18.251	16.760	18.005
UNII2A	5260	52	20.83	18.42	20.21	18.211	16.732	18.009
	5300	60	20.88	18.40	20.37	18.250	16.735	18.018
	5320	64	20.89	18.42	20.15	18.225	16.774	17.999
UNII2C	5500	100	20.74	18.31	20.27	18.155	16.728	18.089
	5580	116	20.68	18.31	20.30	18.212	16.726	18.095
	5720	144	20.80	18.28	20.21	18.143	16.789	18.174
UNII3	5745	149	21.01	20.21	20.58	18.213	17.058	18.238
	5785	157	20.50	19.16	20.62	18.190	17.025	18.232
	5825	165	20.57	18.36	20.41	18.178	16.979	18.181
UNII4	5845	169	20.84	18.29	20.19	18.185	16.689	18.141
	5865	173	20.38	18.31	20.43	18.128	16.754	18.194
	5885	177	20.60	18.34	20.27	18.129	16.735	18.147

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	20.90	-	20.82	18.137	-	17.998
	5200	40	20.92	-	20.73	18.154	-	17.993
	5240	48	20.75	-	20.71	18.168	-	18.018
UNII2A	5260	52	20.94	-	20.96	18.150	-	18.008
	5300	60	20.94	-	21.10	18.170	-	18.024
	5320	64	20.61	-	20.79	18.165	-	17.991
UNII2C	5500	100	20.89	-	20.78	18.137	-	18.071
	5580	116	20.99	-	20.71	18.101	-	18.052
	5720	144	20.78	-	20.77	18.094	-	18.140
UNII3	5745	149	21.27	-	23.20	18.163	-	18.178
	5785	157	20.96	-	20.79	18.163	-	18.166
	5825	165	20.56	-	20.69	18.142	-	18.180
UNII4	5845	169	20.63	-	20.70	18.088	-	18.103
	5865	173	20.97	-	20.41	18.126	-	18.093
	5885	177	20.52	-	20.60	18.097	-	18.106

Mode : HE20 242T

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	-	22.79	-	-	18.986	-
	5200	40	-	22.17	-	-	18.973	-
	5240	48	-	22.52	-	-	18.974	-
UNII2A	5260	52	-	22.05	-	-	18.990	-
	5300	60	-	23.06	-	-	18.975	-
	5320	64	-	22.11	-	-	18.962	-
UNII2C	5500	100	-	22.23	-	-	18.980	-
	5580	116	-	22.26	-	-	18.965	-
	5720	144	-	22.17	-	-	18.978	-
UNII3	5745	149	-	22.27	-	-	18.990	-
	5785	157	-	22.77	-	-	18.982	-
	5825	165	-	24.11	-	-	19.012	-
UNII4	5845	169	-	22.21	-	-	18.992	-
	5865	173	-	22.74	-	-	18.976	-
	5885	177	-	22.97	-	-	19.003	-

Mode : HE20 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	-	22.23	-	-	18.973	-
	5200	40	-	22.07	-	-	18.961	-
	5240	48	-	22.52	-	-	18.974	-
UNII2A	5260	52	-	22.73	-	-	18.999	-
	5300	60	-	22.61	-	-	18.973	-
	5320	64	-	22.55	-	-	19.002	-
UNII2C	5500	100	-	22.28	-	-	18.973	-
	5580	116	-	22.34	-	-	18.962	-
	5720	144	-	22.21	-	-	18.988	-
UNII3	5745	149	-	29.22	-	-	19.040	-
	5785	157	-	28.95	-	-	19.036	-
	5825	165	-	27.39	-	-	19.050	-
UNII4	5845	169	-	22.84	-	-	18.973	-
	5865	173	-	22.00	-	-	18.990	-
	5885	177	-	23.16	-	-	19.012	-

Mode : HE40 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	20.67	22.62	20.77	18.524	19.931	18.463
	5230	46	20.50	22.40	20.72	18.566	19.901	18.416
UNII2A	5270	54	20.37	22.25	20.79	18.449	19.962	18.500
	5310	62	20.57	22.20	20.51	18.456	19.793	18.459
UNII2C	5510	102	20.42	22.31	20.75	18.697	20.245	18.645
	5550	110	20.96	24.27	20.52	18.771	20.523	18.740
	5710	142	20.92	22.95	20.67	18.602	20.279	18.587
UNII3	5755	151	21.05	22.71	20.79	18.853	20.570	18.744
	5795	159	20.90	22.86	20.86	18.856	20.709	18.650
UNII4	5835	167	21.00	22.34	20.59	18.781	20.459	18.621
	5875	175	20.75	22.51	20.39	18.561	20.291	18.503

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	20.91	22.67	20.73	18.048	19.233	18.118
	5230	46	20.90	22.55	21.00	18.087	19.153	18.079
UNII2A	5270	54	20.60	22.65	21.15	18.081	19.203	18.120
	5310	62	20.50	22.50	20.69	18.045	19.198	18.073
UNII2C	5510	102	20.59	22.45	21.07	18.109	19.530	18.269
	5550	110	20.54	25.15	21.17	18.116	19.954	18.372
	5710	142	20.57	23.33	20.79	18.061	19.387	18.195
UNII3	5755	151	20.65	22.93	20.80	18.116	19.973	18.341
	5795	159	20.64	22.59	20.96	18.193	19.775	18.362
UNII4	5835	167	20.87	22.88	20.75	18.133	20.086	18.285
	5875	175	20.83	23.30	20.67	18.080	19.564	18.161

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	21.32	23.54	21.48	17.810	18.809	17.877
	5230	46	21.68	23.23	21.26	17.831	18.772	17.873
UNII2A	5270	54	21.39	23.64	21.53	17.805	18.823	17.908
	5310	62	21.51	23.22	21.64	17.803	18.808	17.883
UNII2C	5510	102	21.00	23.26	21.51	17.851	18.957	18.017
	5550	110	21.40	23.19	21.51	17.902	19.239	18.116
	5710	142	21.57	23.02	21.36	17.805	18.822	17.951
UNII3	5755	151	21.44	23.30	21.51	17.972	19.077	18.120
	5795	159	21.14	23.58	21.47	17.902	18.946	18.111
UNII4	5835	167	21.34	23.19	21.55	17.857	19.062	18.050
	5875	175	21.03	23.31	21.32	17.814	18.805	17.985

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	24.76	-	24.35	19.237	-	19.186
	5230	46	24.58	-	25.26	19.169	-	19.142
UNII2A	5270	54	25.06	-	24.87	19.196	-	19.154
	5310	62	24.96	-	24.53	19.194	-	19.175
UNII2C	5510	102	24.55	-	24.56	19.252	-	19.344
	5550	110	24.55	-	24.50	19.251	-	19.490
	5710	142	24.17	-	24.72	19.157	-	19.255
UNII3	5755	151	24.94	-	24.58	19.302	-	19.658
	5795	159	25.98	-	24.99	19.297	-	19.534
UNII4	5835	167	25.59	-	25.30	19.243	-	19.500
	5875	175	25.15	-	25.02	19.171	-	19.309

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	-	42.69	-	-	37.842	-
	5230	46	-	42.05	-	-	37.856	-
UNII2A	5270	54	-	43.12	-	-	37.936	-
	5310	62	-	42.57	-	-	37.917	-
UNII2C	5510	102	-	50.20	-	-	37.984	-
	5550	110	-	49.82	-	-	37.986	-
	5710	142	-	45.27	-	-	37.915	-
UNII3	5755	151	-	50.73	-	-	38.032	-
	5795	159	-	50.41	-	-	37.998	-
UNII4	5835	167	-	47.28	-	-	38.022	-
	5875	175	-	46.93	-	-	37.967	-

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	-	42.64	-	-	37.893	-
	5230	46	-	42.13	-	-	37.845	-
UNII2A	5270	54	-	44.01	-	-	37.942	-
	5310	62	-	42.05	-	-	37.894	-
UNII2C	5510	102	-	50.57	-	-	37.985	-
	5550	110	-	49.24	-	-	38.012	-
	5710	142	-	46.92	-	-	37.940	-
UNII3	5755	151	-	72.71	-	-	38.171	-
	5795	159	-	63.02	-	-	38.194	-
UNII4	5835	167	-	72.44	-	-	38.136	-
	5875	175	-	47.36	-	-	37.994	-

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	20.99	38.48	21.05	18.924	36.314	18.792
UNII2A	5290	58	21.01	38.36	21.37	18.967	36.041	18.696
UNII2C	5530	106	21.09	38.36	21.11	18.844	36.278	18.922
	5610	122	21.04	38.41	21.61	18.947	36.061	18.987
	5690	138	21.03	38.44	21.79	18.968	36.195	18.921
UNII3	5775	155	21.08	38.38	21.32	18.949	36.321	18.916
UNII4	5855	171	21.19	38.50	21.46	18.919	36.292	18.808

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	20.99	22.98	21.37	18.352	19.093	18.452
UNII2A	5290	58	21.28	22.63	21.18	18.441	18.990	18.332
UNII2C	5530	106	20.74	22.57	21.28	18.304	18.955	18.496
	5610	122	21.26	22.95	20.92	18.344	19.133	18.404
	5690	138	21.58	22.41	20.97	18.373	19.220	18.462
UNII3	5775	155	20.94	22.65	21.13	18.326	19.071	18.386
UNII4	5855	171	21.09	22.92	21.10	18.377	19.190	18.608

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	21.67	23.66	21.74	18.069	18.473	18.165
UNII2A	5290	58	21.72	23.52	22.01	18.012	18.468	18.044
UNII2C	5530	106	21.53	23.33	21.59	18.062	18.440	18.124
	5610	122	21.78	23.28	21.81	17.976	18.366	18.097
	5690	138	21.22	24.02	21.88	18.009	18.528	18.135
UNII3	5775	155	21.11	23.46	21.70	17.959	18.402	18.210
UNII4	5855	171	21.69	23.83	21.61	17.988	18.482	18.148

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	25.45	43.14	25.70	19.722	37.235	19.618
UNII2A	5290	58	25.55	43.38	25.18	19.605	37.133	19.801
UNII2C	5530	106	25.21	43.44	24.64	19.666	37.113	19.654
	5610	122	25.15	43.04	24.76	19.670	37.210	19.467
	5690	138	25.10	42.70	25.42	19.664	37.216	19.719
UNII3	5775	155	24.84	42.98	25.33	19.649	37.376	19.773
UNII4	5855	171	25.40	43.58	25.16	19.747	37.167	19.800

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	43.87	-	43.41	37.889	-	37.765
UNII2A	5290	58	44.32	-	43.30	37.749	-	37.825
UNII2C	5530	106	44.08	-	43.98	37.804	-	37.783
	5610	122	44.11	-	44.27	37.880	-	37.759
	5690	138	44.19	-	43.72	37.908	-	37.785
UNII3	5775	155	43.66	-	44.20	37.854	-	37.816
UNII4	5855	171	43.79	-	43.60	37.864	-	37.891

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	-	81.63	-	-	77.036	-
UNII2A	5290	58	-	81.73	-	-	76.922	-
UNII2C	5530	106	-	82.52	-	-	77.253	-
	5610	122	-	82.61	-	-	77.124	-
	5690	138	-	82.28	-	-	77.069	-
UNII3	5775	155	-	82.31	-	-	77.203	-
UNII4	5855	171	-	82.44	-	-	77.075	-

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	-	82.38	-	-	77.111	-
UNII2A	5290	58	-	82.01	-	-	77.128	-
UNII2C	5530	106	-	82.33	-	-	77.134	-
	5610	122	-	82.32	-	-	77.125	-
	5690	138	-	82.38	-	-	77.055	-
UNII3	5775	155	-	82.50	-	-	77.198	-
UNII4	5855	171	-	82.91	-	-	77.034	-

10.2.2 Ant.2

Mode : HE20 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	20.15	18.02	20.21	18.337	16.482	18.227
	5200	40	20.09	18.02	20.01	18.285	16.461	18.209
	5240	48	20.00	18.01	20.13	18.307	16.513	18.229
UNII2A	5260	52	20.01	18.01	19.88	18.310	16.464	18.173
	5300	60	20.00	18.01	19.96	18.312	16.485	18.228
	5320	64	20.10	17.97	19.96	18.331	16.491	18.215
UNII2C	5500	100	20.22	17.96	20.19	18.189	16.420	18.303
	5580	116	20.12	17.98	20.14	18.246	16.422	18.309
	5720	144	20.14	18.03	19.97	18.251	16.476	18.339
UNII3	5745	149	20.14	18.00	20.24	18.200	16.468	18.375
	5785	157	20.11	18.01	20.27	18.248	16.434	18.383
	5825	165	20.06	17.86	20.01	18.182	16.201	18.360
UNII4	5845	169	20.02	17.98	20.13	18.226	16.356	18.295
	5865	173	20.04	17.98	20.01	18.174	16.464	18.332
	5885	177	20.01	17.98	20.08	18.170	16.403	18.326

Mode : HE20 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	20.05	18.25	20.45	18.046	16.570	17.931
	5200	40	20.04	18.24	20.33	18.047	16.573	17.932
	5240	48	20.47	18.24	20.28	18.045	16.550	17.934
UNII2A	5260	52	20.35	18.18	20.22	18.071	16.538	17.957
	5300	60	20.42	18.19	20.77	18.081	16.535	17.961
	5320	64	20.44	18.24	20.16	18.090	16.577	17.936
UNII2C	5500	100	20.16	18.21	20.36	18.007	16.540	18.025
	5580	116	20.22	18.22	20.22	17.993	16.551	18.029
	5720	144	20.40	18.18	20.24	17.956	16.479	18.063
UNII3	5745	149	20.13	18.21	20.31	17.948	16.520	18.071
	5785	157	20.23	18.24	20.20	18.002	16.523	18.072
	5825	165	20.71	18.26	19.99	18.000	16.654	18.073
UNII4	5845	169	20.46	18.16	20.22	17.963	16.471	18.048
	5865	173	20.29	18.26	20.05	17.930	16.509	18.054
	5885	177	20.14	18.20	20.15	17.916	16.471	18.064

Mode : HE20 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	20.04	-	20.58	18.052	-	17.880
	5200	40	20.41	-	20.47	18.026	-	17.864
	5240	48	20.42	-	20.40	18.074	-	17.855
UNII2A	5260	52	20.69	-	20.41	18.069	-	17.858
	5300	60	20.49	-	20.52	18.073	-	17.844
	5320	64	20.52	-	20.64	18.060	-	17.854
UNII2C	5500	100	20.68	-	20.23	18.014	-	17.913
	5580	116	20.40	-	20.42	17.984	-	17.907
	5720	144	20.38	-	20.26	17.982	-	17.941
UNII3	5745	149	20.24	-	20.26	17.990	-	17.957
	5785	157	20.37	-	20.13	17.986	-	17.964
	5825	165	20.40	-	20.02	18.021	-	17.969
UNII4	5845	169	20.50	-	20.30	17.969	-	17.960
	5865	173	20.30	-	20.25	17.927	-	17.959
	5885	177	20.21	-	19.94	17.944	-	17.951

Mode : HE20 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	-	22.30	-	-	18.947	-
	5200	40	-	22.11	-	-	18.947	-
	5240	48	-	22.12	-	-	18.932	-
UNII2A	5260	52	-	22.09	-	-	18.924	-
	5300	60	-	21.98	-	-	18.970	-
	5320	64	-	21.92	-	-	18.942	-
UNII2C	5500	100	-	22.28	-	-	18.937	-
	5580	116	-	22.29	-	-	18.923	-
	5720	144	-	21.93	-	-	18.917	-
UNII3	5745	149	-	21.70	-	-	18.950	-
	5785	157	-	21.85	-	-	18.918	-
	5825	165	-	21.90	-	-	18.954	-
UNII4	5845	169	-	22.11	-	-	18.919	-
	5865	173	-	22.15	-	-	18.946	-
	5885	177	-	21.73	-	-	18.932	-

Mode : HE20 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	-	21.94	-	-	18.947	-
	5200	40	-	21.84	-	-	18.956	-
	5240	48	-	22.55	-	-	18.948	-
UNII2A	5260	52	-	22.13	-	-	18.933	-
	5300	60	-	22.13	-	-	18.947	-
	5320	64	-	21.91	-	-	18.956	-
UNII2C	5500	100	-	21.87	-	-	18.936	-
	5580	116	-	21.69	-	-	18.913	-
	5720	144	-	22.10	-	-	18.951	-
UNII3	5745	149	-	22.03	-	-	18.963	-
	5785	157	-	21.96	-	-	18.929	-
	5825	165	-	22.14	-	-	18.960	-
UNII4	5845	169	-	21.74	-	-	18.929	-
	5865	173	-	21.89	-	-	18.924	-
	5885	177	-	22.21	-	-	18.925	-

Mode : HE40 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	20.52	22.25	20.43	18.430	19.720	18.400
	5230	46	20.67	21.71	20.44	18.423	19.586	18.381
UNII2A	5270	54	20.36	22.18	20.27	18.369	19.614	18.299
	5310	62	20.63	21.86	20.31	18.465	19.567	18.387
UNII2C	5510	102	20.51	21.83	20.40	18.353	19.749	18.417
	5550	110	20.13	22.07	20.22	18.369	19.893	18.521
	5710	142	20.45	21.87	20.53	18.282	19.544	18.401
UNII3	5755	151	20.28	22.49	20.24	18.394	20.104	18.483
	5795	159	20.18	22.06	19.98	18.456	20.025	18.429
UNII4	5835	167	20.21	23.98	20.24	18.365	20.083	18.447
	5875	175	20.33	21.70	20.30	18.304	19.587	18.367

Mode : HE40 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	20.66	22.62	20.69	18.065	19.122	17.975
	5230	46	20.57	21.99	20.50	18.119	19.099	17.982
UNII2A	5270	54	20.56	22.67	21.30	18.087	19.057	18.062
	5310	62	20.53	22.07	21.49	18.116	19.048	18.072
UNII2C	5510	102	20.40	22.50	20.43	18.071	19.338	18.117
	5550	110	20.33	21.87	20.49	18.072	19.387	18.146
	5710	142	21.13	22.47	20.43	17.989	19.046	18.050
UNII3	5755	151	20.33	22.55	20.55	18.011	19.420	18.191
	5795	159	20.52	23.91	20.58	18.026	19.476	18.182
UNII4	5835	167	20.30	23.63	20.63	18.075	19.848	18.134
	5875	175	20.50	22.34	21.08	18.001	19.146	18.031

Mode : HE40 106T

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	21.47	22.83	21.35	17.910	18.689	17.790
	5230	46	21.35	23.32	21.52	17.929	18.692	17.772
UNII2A	5270	54	21.52	22.98	21.63	17.894	18.699	17.783
	5310	62	21.28	22.80	21.74	17.882	18.699	17.816
UNII2C	5510	102	21.56	23.44	21.30	17.918	18.769	17.918
	5550	110	22.12	26.83	21.68	17.953	19.027	17.937
	5710	142	21.52	23.21	21.28	17.815	18.703	17.826
UNII3	5755	151	22.32	24.31	21.82	17.859	19.025	17.939
	5795	159	21.13	23.79	21.48	17.893	18.935	17.959
UNII4	5835	167	22.51	26.95	21.84	17.898	19.064	17.972
	5875	175	21.30	22.88	21.47	17.784	18.752	17.837

Mode : HE40 242T

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	24.76	-	24.10	19.105	-	19.097
	5230	46	23.91	-	24.35	19.082	-	19.071
UNII2A	5270	54	24.22	-	24.82	19.127	-	19.079
	5310	62	24.35	-	24.34	19.138	-	19.101
UNII2C	5510	102	24.07	-	24.52	19.127	-	19.152
	5550	110	23.53	-	24.31	19.190	-	19.282
	5710	142	23.57	-	24.01	19.000	-	19.124
UNII3	5755	151	24.49	-	24.94	19.201	-	19.277
	5795	159	23.54	-	24.68	19.124	-	19.283
UNII4	5835	167	23.95	-	24.68	19.169	-	19.376
	5875	175	24.18	-	24.20	19.090	-	19.143

Mode : HE40 484T

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	-	43.87	-	-	37.877	-
	5230	46	-	43.96	-	-	37.844	-
UNII2A	5270	54	-	43.92	-	-	37.859	-
	5310	62	-	43.83	-	-	37.860	-
UNII2C	5510	102	-	44.05	-	-	37.915	-
	5550	110	-	45.03	-	-	37.909	-
	5710	142	-	42.53	-	-	37.846	-
UNII3	5755	151	-	45.71	-	-	37.953	-
	5795	159	-	45.72	-	-	38.000	-
UNII4	5835	167	-	45.32	-	-	37.959	-
	5875	175	-	43.93	-	-	37.861	-

Mode : HE40 SU

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	-	43.82	-	-	37.854	-
	5230	46	-	43.85	-	-	37.853	-
UNII2A	5270	54	-	43.91	-	-	37.895	-
	5310	62	-	43.96	-	-	37.858	-
UNII2C	5510	102	-	44.68	-	-	37.903	-
	5550	110	-	44.98	-	-	37.966	-
	5710	142	-	43.96	-	-	37.871	-
UNII3	5755	151	-	46.33	-	-	37.939	-
	5795	159	-	45.76	-	-	37.939	-
UNII4	5835	167	-	47.13	-	-	38.039	-
	5875	175	-	46.15	-	-	37.906	-

Mode : HE80 26T

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	20.63	38.49	21.24	18.713	36.083	18.699
UNII2A	5290	58	20.66	38.50	21.34	18.646	36.107	18.428
UNII2C	5530	106	20.81	38.54	21.01	18.518	36.203	18.614
	5610	122	20.86	38.47	20.92	18.632	36.102	18.588
	5690	138	20.71	38.43	21.07	18.654	36.168	18.612
UNII3	5775	155	20.64	38.56	20.96	18.638	36.257	18.616
UNII4	5855	171	20.70	38.45	20.86	18.778	36.241	18.573

Mode : HE80 52T

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	20.59	21.62	21.06	18.185	18.753	18.265
UNII2A	5290	58	20.69	21.96	21.36	18.247	18.652	18.252
UNII2C	5530	106	20.74	22.16	21.06	18.249	18.879	18.357
	5610	122	20.82	22.15	20.98	18.175	18.733	18.318
	5690	138	20.65	23.12	21.27	18.154	18.715	18.216
UNII3	5775	155	20.56	21.76	21.50	18.179	18.694	18.440
UNII4	5855	171	20.72	21.86	21.48	18.134	18.686	18.358

Mode : HE80 106T

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	21.70	22.94	21.37	17.970	18.262	17.933
UNII2A	5290	58	21.78	23.53	21.68	17.969	18.346	17.919
UNII2C	5530	106	21.64	23.44	21.39	17.928	18.292	17.938
	5610	122	21.62	23.86	21.30	17.844	18.394	17.939
	5690	138	21.28	22.79	21.35	17.850	18.252	18.028
UNII3	5775	155	21.30	23.72	21.40	17.845	18.315	17.943
UNII4	5855	171	21.47	23.14	21.80	17.939	18.368	18.134

Mode : HE80 242T

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	24.59	42.17	24.06	19.542	36.929	19.488
UNII2A	5290	58	24.76	42.22	24.60	19.528	36.886	19.523
UNII2C	5530	106	24.82	42.32	24.72	19.500	36.985	19.564
	5610	122	24.63	42.32	24.87	19.465	37.012	19.502
	5690	138	25.23	41.72	24.17	19.498	36.890	19.480
UNII3	5775	155	24.60	42.39	25.15	19.468	37.064	19.565
UNII4	5855	171	24.74	41.99	41.16	19.355	37.062	19.539

Mode : HE80 484T

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	43.35	-	42.83	37.721	-	37.750
UNII2A	5290	58	43.52	-	42.71	37.629	-	37.735
UNII2C	5530	106	43.41	-	43.28	37.639	-	37.651
	5610	122	43.92	-	42.99	37.699	-	37.746
	5690	138	43.05	-	43.42	37.679	-	37.753
UNII3	5775	155	43.34	-	43.30	37.696	-	37.788
UNII4	5855	171	43.03	-	43.40	37.697	-	37.764

Mode : HE80 996T

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	-	81.77	-	-	77.060	-
UNII2A	5290	58	-	81.65	-	-	76.949	-
UNII2C	5530	106	-	81.96	-	-	77.039	-
	5610	122	-	82.15	-	-	77.070	-
	5690	138	-	82.06	-	-	76.995	-
UNII3	5775	155	-	81.92	-	-	77.112	-
UNII4	5855	171	-	82.08	-	-	77.059	-

Mode : HE80 SU

Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	-	81.79	-	-	76.948	-
UNII2A	5290	58	-	81.58	-	-	76.920	-
UNII2C	5530	106	-	81.96	-	-	77.074	-
	5610	122	-	81.83	-	-	76.999	-
	5690	138	-	82.20	-	-	76.965	-
UNII3	5775	155	-	82.04	-	-	76.999	-
UNII4	5855	171	-	82.24	-	-	76.976	-

Test Plots

[Ant.1]

Bandwidth 20M Ch.149(5745 MHz) SU



Bandwidth 40M Ch.151(5755 MHz) SU



Bandwidth 80M Ch.171(5855 MHz) SU



Note:

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

[Ant.2]

Bandwidth 20M Ch.48(5240 MHz) SU



Bandwidth 40M Ch.167(5835 MHz) SU



Bandwidth 80M Ch.171(5855 MHz) SU



Note:

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

10.3 6 dB BANDWIDTH

Limit : > 0.5 MHz

10.3.1 Ant.1

Mode : HE20						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1
UNII3	26T	5745	149	2.096	2.672	2.065
		5785	157	2.072	2.688	2.075
		5825	165	2.097	2.678	2.090
UNII4		5845	169	2.089	2.695	2.091
		5865	173	2.071	2.697	2.080
		5885	177	2.066	2.693	2.094
UNII3	52T	5745	149	17.01	11.33	15.77
		5785	157	16.98	10.35	15.78
		5825	165	17.05	11.31	15.76
UNII4		5845	169	17.02	11.30	15.76
		5865	173	16.99	11.30	16.97
		5885	177	17.02	11.33	15.76
UNII3	106T	5745	149	17.16	-	17.12
		5785	157	17.14	-	17.06
		5825	165	17.13	-	17.15
UNII4		5845	169	17.16	-	17.12
		5865	173	17.15	-	17.13
		5885	177	17.14	-	17.14
UNII3	242T	5745	149	-	18.93	-
		5785	157	-	18.96	-
		5825	165	-	18.94	-
UNII4		5845	169	-	18.94	-
		5865	173	-	18.93	-
		5885	177	-	18.92	-
UNII3	SU	5745	149	-	19.01	-
		5785	157	-	18.97	-
		5825	165	-	18.91	-
UNII4		5845	169	-	18.97	-
		5865	173	-	18.96	-
		5885	177	-	18.92	-

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	2.142	2.117	2.129
		5795	159	2.166	2.137	2.160
UNII4		5835	167	2.136	2.134	2.142
		5875	175	2.146	2.150	2.142
UNII3	52T	5755	151	16.58	17.35	16.55
		5795	159	4.142	14.78	6.578
UNII4		5835	167	16.55	17.35	6.563
		5875	175	16.60	17.33	16.53
UNII3	106T	5755	151	16.63	17.37	16.64
		5795	159	16.63	17.38	16.63
UNII4		5835	167	16.63	17.36	16.57
		5875	175	16.66	17.40	16.65
UNII3	242T	5755	151	18.83	-	18.85
		5795	159	18.84	-	18.83
UNII4		5835	167	18.84	-	18.85
		5875	175	18.86	-	18.86
UNII3	484T	5755	151	-	38.06	-
		5795	159	-	38.02	-
UNII4		5835	167	-	38.09	-
		5875	175	-	38.04	-
UNII3	SU	5755	151	-	38.08	-
		5795	159	-	38.06	-
UNII4		5835	167	-	38.11	-
		5875	175	-	38.06	-

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	2.218	2.795	2.256
UNII4		5855	171	2.265	2.790	7.898
UNII3	52T	5775	155	16.55	16.25	15.37
UNII4		5855	171	10.27	16.34	16.61
UNII3	106T	5775	155	16.71	16.52	16.68
UNII4		5855	171	16.68	16.52	16.71
UNII3	242T	5775	155	18.77	36.46	18.76
UNII4		5855	171	18.80	36.48	18.74
UNII3	484T	5775	155	37.80	-	37.83
UNII4		5855	171	37.76	-	37.66
UNII3	996T	5775	155	-	77.44	-
UNII4		5855	171	-	77.13	-
UNII3	SU	5775	155	-	77.35	-
UNII4		5855	171	-	76.96	-

10.3.2 Ant.2

Mode : HE20						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2
UNII3	26T	5745	149	2.086	2.674	2.108
		5785	157	2.108	2.688	2.072
		5825	165	2.128	2.648	2.115
UNII4		5845	169	2.082	2.671	2.098
		5865	173	2.064	2.674	2.099
		5885	177	2.073	2.667	2.098
UNII3	52T	5745	149	17.00	10.41	16.98
		5785	157	17.01	15.01	17.02
		5825	165	16.97	10.41	16.97
UNII4		5845	169	17.00	12.89	17.00
		5865	173	17.00	13.77	15.77
		5885	177	17.01	12.88	17.02
UNII3	106T	5745	149	17.13	-	17.08
		5785	157	17.10	-	17.08
		5825	165	17.16	-	17.07
UNII4		5845	169	17.13	-	17.10
		5865	173	17.13	-	17.11
		5885	177	17.07	-	17.11
UNII3	242T	5745	149	-	18.93	-
		5785	157	-	18.91	-
		5825	165	-	18.94	-
UNII4		5845	169	-	18.91	-
		5865	173	-	18.86	-
		5885	177	-	18.95	-
UNII3	SU	5745	149	-	18.93	-
		5785	157	-	18.90	-
		5825	165	-	18.95	-
UNII4		5845	169	-	18.91	-
		5865	173	-	18.95	-
		5885	177	-	18.93	-

Mode : HE40						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2
UNII3	26T	5755	151	2.174	2.110	2.157
		5795	159	2.167	2.116	2.140
UNII4		5835	167	2.174	2.160	2.148
		5875	175	2.178	2.125	2.149
UNII3	52T	5755	151	16.60	17.32	6.559
		5795	159	16.61	17.35	16.56
UNII4		5835	167	16.60	17.35	14.06
		5875	175	16.61	17.35	7.839
UNII3	106T	5755	151	16.65	17.36	16.61
		5795	159	16.65	17.37	16.66
UNII4		5835	167	16.65	17.38	16.63
		5875	175	16.64	17.39	16.67
UNII3	242T	5755	151	18.85	-	18.84
		5795	159	18.87	-	18.77
UNII4		5835	167	18.85	-	18.78
		5875	175	18.83	-	18.84
UNII3	484T	5755	151	-	38.00	-
		5795	159	-	38.11	-
UNII4		5835	167	-	38.01	-
		5875	175	-	38.05	-
UNII3	SU	5755	151	-	38.10	-
		5795	159	-	38.13	-
UNII4		5835	167	-	38.08	-
		5875	175	-	38.06	-

Mode : HE80						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2
UNII3	26T	5775	155	2.227	2.799	4.078
UNII4		5855	171	2.269	2.801	2.278
UNII3	52T	5775	155	16.55	16.22	15.38
UNII4		5855	171	16.59	16.32	7.896
UNII3	106T	5775	155	16.73	16.48	16.73
UNII4		5855	171	16.73	16.54	16.76
UNII3	242T	5775	155	18.84	36.48	18.85
UNII4		5855	171	18.74	36.49	18.83
UNII3	484T	5775	155	37.68	-	37.62
UNII4		5855	171	37.72	-	37.58
UNII3	996T	5775	155	-	77.54	-
UNII4		5855	171	-	77.59	-
UNII3	SU	5775	155	-	77.98	-
UNII4		5855	171	-	77.83	-

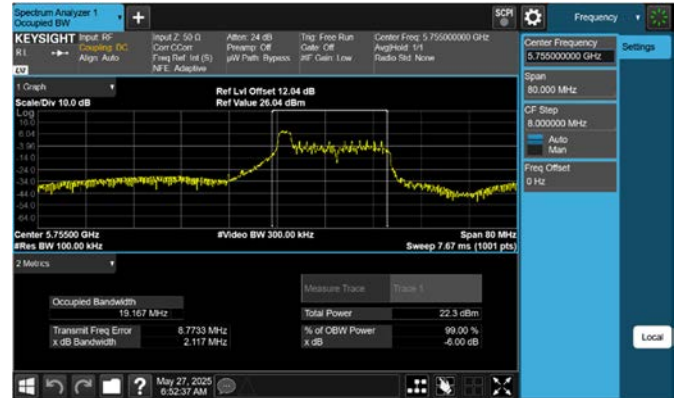
Test Plots

[Ant.1]

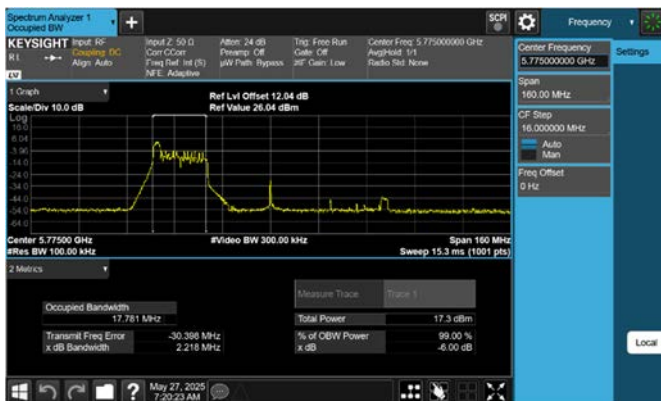
Bandwidth 20M Ch.149(5745 MHz) 26Tones RU 8



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



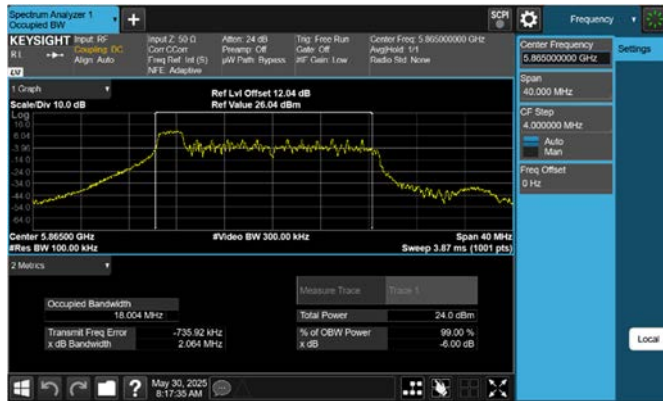
Bandwidth 80M Ch.155(5775 MHz) 26 Tones RU 0



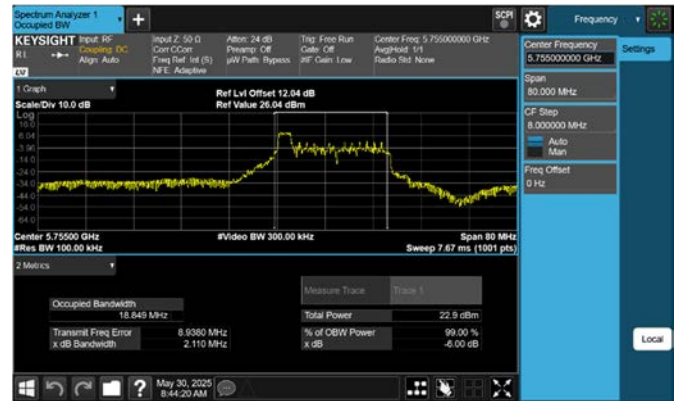
Note: In order to simplify the report, attached plots were only the narrowest channel.

[Ant.2]

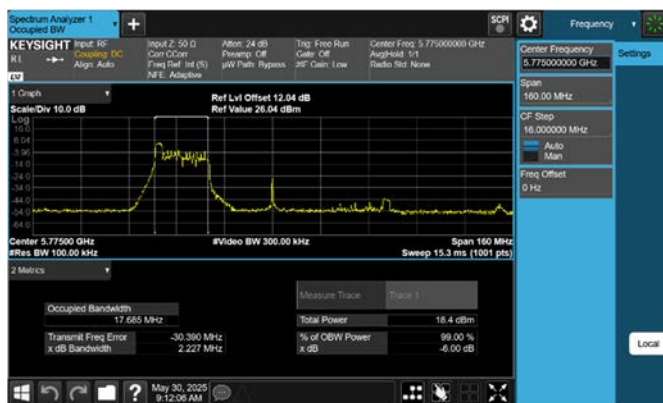
Bandwidth 20M Ch.173(5865 MHz) 26Tones RU 0



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



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



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

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 [dBm]

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 30.00 dBm

(UNII 3&4) : Worst limit 30.00 dBm ➔ UNII 4 Band Antenna Gain Negative

10.4.1 SISO Ant.2

Mode : HE20 26T							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5180	36	6.80	8.40	7.14	-	-
	5200	40	6.67	8.29	7.04	-	-
	5240	48	6.98	8.66	7.47	-	-
UNII2A	5260	52	6.87	8.52	7.30	-	-
	5300	60	7.56	8.70	6.95	-	-
	5320	64	7.04	8.29	6.63	-	-
UNII2C	5500	100	5.15	6.51	4.96	-	-
	5580	116	6.96	8.30	6.74	-	-
	5720	144	7.38	8.60	6.92	-	-
UNII3	5745	149	7.70	9.00	7.34	-	-
	5785	157	7.79	9.05	7.39	-	-
	5825	165	7.59	8.89	7.25	-	-
UNII4	5845	169	7.47	8.71	6.99	-4.90	3.81
	5865	173	7.66	8.89	7.18	-4.90	3.99
	5885	177	7.58	8.79	7.05	-4.90	3.89

Mode : HE20 52T							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5180	36	7.61	8.58	7.92	-	-
	5200	40	7.20	8.17	7.51	-	-
	5240	48	7.05	8.07	7.50	-	-
UNII2A	5260	52	7.40	8.39	7.77	-	-
	5300	60	8.04	8.78	7.51	-	-
	5320	64	8.15	8.94	7.79	-	-
UNII2C	5500	100	5.70	6.53	5.50	-	-
	5580	116	7.44	8.29	7.24	-	-
	5720	144	7.25	8.04	6.85	-	-
UNII3	5745	149	7.61	8.42	7.29	-	-
	5785	157	7.70	8.50	7.34	-	-
	5825	165	7.34	8.13	7.00	-	-
UNII4	5845	169	7.51	8.30	7.09	-4.90	3.40
	5865	173	7.55	8.34	7.12	-4.90	3.44
	5885	177	7.51	8.29	7.04	-4.90	3.39

Mode : HE20 106T							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5180	36	8.62	-	8.82	-	-
	5200	40	8.35	-	8.57	-	-
	5240	48	8.09	-	8.40	-	-
UNII2A	5260	52	7.99	-	8.25	-	-
	5300	60	8.49	-	8.12	-	-
	5320	64	8.64	-	8.38	-	-
UNII2C	5500	100	6.72	-	6.59	-	-
	5580	116	8.53	-	8.39	-	-
	5720	144	8.79	-	8.51	-	-
UNII3	5745	149	8.94	-	8.72	-	-
	5785	157	9.28	-	9.03	-	-
	5825	165	9.01	-	8.81	-	-
UNII4	5845	169	8.97	-	8.67	-4.90	4.07
	5865	173	8.94	-	8.65	-4.90	4.04
	5885	177	9.15	-	8.82	-4.90	4.25

Mode : HE20 242T							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5180	36	-	8.86	-	-	-
	5200	40	-	8.60	-	-	-
	5240	48	-	8.36	-	-	-
UNII2A	5260	52	-	8.25	-	-	-
	5300	60	-	8.45	-	-	-
	5320	64	-	8.65	-	-	-
UNII2C	5500	100	-	7.31	-	-	-
	5580	116	-	8.60	-	-	-
	5720	144	-	8.76	-	-	-
UNII3	5745	149	-	9.21	-	-	-
	5785	157	-	9.25	-	-	-
	5825	165	-	9.04	-	-	-
UNII4	5845	169	-	8.95	-	-4.90	4.05
	5865	173	-	8.91	-	-4.90	4.01
	5885	177	-	9.13	-	-4.90	4.23

Mode : HE20 SU							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5180	36	-	16.23	-	-	-
	5200	40	-	16.00	-	-	-
	5240	48	-	15.52	-	-	-
UNII2A	5260	52	-	15.48	-	-	-
	5300	60	-	16.00	-	-	-
	5320	64	-	16.23	-	-	-
UNII2C	5500	100	-	15.92	-	-	-
	5580	116	-	16.47	-	-	-
	5720	144	-	16.67	-	-	-
UNII3	5745	149	-	16.76	-	-	-
	5785	157	-	16.90	-	-	-
	5825	165	-	16.70	-	-	-
UNII4	5845	169	-	16.90	-	-4.90	12.00
	5865	173	-	16.70	-	-4.90	11.80
	5885	177	-	16.62	-	-4.90	11.72

Mode : HE40 26T							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5190	38	6.92	7.86	7.78	-	-
	5230	46	6.87	7.82	7.82	-	-
UNII2A	5270	54	6.91	7.89	7.95	-	-
	5310	62	8.18	8.02	6.98	-	-
UNII2C	5510	102	7.26	7.63	7.03	-	-
	5550	110	7.29	7.69	6.95	-	-
	5710	142	8.28	8.24	7.20	-	-
UNII3	5755	151	8.62	8.73	7.85	-	-
	5795	159	8.71	8.81	7.86	-	-
UNII4	5835	167	8.48	8.57	7.71	-4.90	3.67
	5875	175	8.62	8.59	7.53	-4.90	3.72

Mode : HE40 52T							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5190	38	7.28	7.65	8.03	-	-
	5230	46	7.34	7.83	8.27	-	-
UNII2A	5270	54	7.41	7.87	8.25	-	-
	5310	62	8.46	7.77	7.44	-	-
UNII2C	5510	102	7.70	7.50	7.45	-	-
	5550	110	7.19	7.02	6.92	-	-
	5710	142	8.27	7.64	7.25	-	-
UNII3	5755	151	8.53	8.08	7.79	-	-
	5795	159	8.57	8.06	7.75	-	-
UNII4	5835	167	8.63	8.19	7.88	-4.90	3.73
	5875	175	8.67	8.07	7.63	-4.90	3.77

Mode : HE40 106T							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5190	38	7.67	7.45	8.33	-	-
	5230	46	7.45	7.30	8.27	-	-
UNII2A	5270	54	7.21	7.04	7.93	-	-
	5310	62	7.86	7.08	6.98	-	-
UNII2C	5510	102	7.83	7.30	7.60	-	-
	5550	110	8.02	7.52	7.78	-	-
	5710	142	8.09	7.35	7.20	-	-
UNII3	5755	151	8.35	7.73	7.73	-	-
	5795	159	8.52	7.84	7.80	-	-
UNII4	5835	167	8.24	7.60	7.59	-4.90	3.34
	5875	175	8.45	7.71	7.53	-4.90	3.55

Mode : HE40 242T							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5190	38	7.71	-	8.16	-	-
	5230	46	7.02	-	7.58	-	-
UNII2A	5270	54	7.75	-	8.24	-	-
	5310	62	8.04	-	7.43	-	-
UNII2C	5510	102	7.54	-	7.39	-	-
	5550	110	7.75	-	7.59	-	-
	5710	142	8.30	-	7.70	-	-
UNII3	5755	151	8.57	-	8.17	-	-
	5795	159	8.61	-	8.13	-	-
UNII4	5835	167	8.72	-	8.27	-4.90	3.82
	5875	175	8.70	-	8.10	-4.90	3.80

Mode : HE40 484T							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5190	38	-	7.79	-	-	-
	5230	46	-	7.98	-	-	-
UNII2A	5270	54	-	7.89	-	-	-
	5310	62	-	7.66	-	-	-
UNII2C	5510	102	-	7.34	-	-	-
	5550	110	-	7.54	-	-	-
	5710	142	-	7.94	-	-	-
UNII3	5755	151	-	8.30	-	-	-
	5795	159	-	8.33	-	-	-
UNII4	5835	167	-	8.18	-	-4.90	3.28
	5875	175	-	8.34	-	-4.90	3.44

Mode : HE40 SU							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5190	38	-	12.50	-	-	-
	5230	46	-	14.23	-	-	-
UNII2A	5270	54	-	14.16	-	-	-
	5310	62	-	13.61	-	-	-
UNII2C	5510	102	-	13.24	-	-	-
	5550	110	-	14.34	-	-	-
	5710	142	-	14.09	-	-	-
UNII3	5755	151	-	14.33	-	-	-
	5795	159	-	14.30	-	-	-
UNII4	5835	167	-	14.43	-	-4.90	9.53
	5875	175	-	14.15	-	-4.90	9.25

Mode : HE80 26T							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5210	42	5.98	7.30	7.42	-	-
UNII2A	5290	58	7.40	6.62	4.72	-	-
UNII2C	5530	106	6.54	7.18	6.07	-	-
	5610	122	7.09	7.57	6.07	-	-
	5690	138	7.44	7.64	5.89	-	-
UNII3	5775	155	7.59	7.87	6.35	-	-
UNII4	5855	171	7.28	7.14	5.20	-4.90	2.38

Mode : HE80 52T							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5210	42	5.81	6.19	7.03	-	-
UNII2A	5290	58	7.34	5.77	4.82	-	-
UNII2C	5530	106	7.24	6.96	6.78	-	-
	5610	122	7.21	6.62	6.18	-	-
	5690	138	7.66	6.87	6.16	-	-
UNII3	5775	155	7.78	7.07	6.49	-	-
UNII4	5855	171	7.04	5.91	4.97	-4.90	2.14

Mode : HE80 106T							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5210	42	5.97	5.61	7.11	-	-
UNII2A	5290	58	7.17	4.66	4.66	-	-
UNII2C	5530	106	6.83	5.79	6.44	-	-
	5610	122	6.79	5.42	5.84	-	-
	5690	138	7.31	5.72	5.87	-	-
UNII3	5775	155	7.48	5.97	6.29	-	-
UNII4	5855	171	7.68	5.78	5.77	-4.90	2.78

Mode : HE80 242T							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5210	42	6.05	6.03	7.04	-	-
UNII2A	5290	58	7.32	6.29	5.09	-	-
UNII2C	5530	106	6.83	6.51	6.51	-	-
	5610	122	6.85	6.41	6.02	-	-
	5690	138	7.31	6.78	6.06	-	-
UNII3	5775	155	7.47	6.96	6.40	-	-
UNII4	5855	171	7.66	6.96	6.01	-4.90	2.76

Mode : HE80 484T							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5210	42	6.53	-	7.22	-	-
UNII2A	5290	58	6.88	-	5.31	-	-
UNII2C	5530	106	6.70	-	6.48	-	-
	5610	122	6.67	-	6.10	-	-
	5690	138	7.09	-	6.22	-	-
UNII3	5775	155	7.26	-	6.52	-	-
UNII4	5855	171	7.37	-	6.23	-4.90	2.47

Mode : HE80 996T							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5210	42	-	7.00	-	-	-
UNII2A	5290	58	-	6.81	-	-	-
UNII2C	5530	106	-	6.73	-	-	-
	5610	122	-	7.10	-	-	-
	5690	138	-	7.34	-	-	-
UNII3	5775	155	-	7.54	-	-	-
UNII4	5855	171	-	7.49	-	-4.90	2.59

Mode : HE80 SU							
Band	Freq. [MHz]	CH.	Total Average Power [dBm]			Peak Gain [dBi]	Maximum e.i.r.p [dBm]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5210	42	-	12.30	-	-	-
UNII2A	5290	58	-	11.23	-	-	-
UNII2C	5530	106	-	11.69	-	-	-
	5610	122	-	11.96	-	-	-
	5690	138	-	11.69	-	-	-
UNII3	5775	155	-	11.65	-	-	-
UNII4	5855	171	-	11.91	-	-4.90	7.01

10.4.2 MIMO_SDM(Ant.1+ Ant.2)

Mode : HE20 26T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain [dBi]	Ant2 gain [dBi]	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	5180	36	6.50	6.83	9.68	8.13	8.40	11.28	6.88	7.11	10.01	-	-	-	-
	5200	40	6.47	6.78	9.64	8.12	8.39	11.27	6.94	7.13	10.05	-	-	-	-
	5240	48	6.38	6.88	9.65	8.05	8.56	11.32	6.86	7.36	10.13	-	-	-	-
UNII2A	5260	52	6.50	6.75	9.63	8.16	8.39	11.29	6.94	7.15	10.05	-	-	-	-
	5300	60	6.68	7.35	10.04	7.79	8.50	11.17	6.04	6.78	9.44	-	-	-	-
	5320	64	6.48	6.87	9.69	7.70	8.13	10.93	6.03	6.49	9.28	-	-	-	-
UNII2C	5500	100	4.96	4.89	7.93	6.23	6.19	9.22	4.61	4.61	7.62	-	-	-	-
	5580	116	6.24	6.90	9.60	7.55	8.29	10.95	5.91	6.71	9.34	-	-	-	-
	5720	144	6.89	7.35	10.14	8.07	8.60	11.35	6.38	6.93	9.67	-	-	-	-
UNII3	5745	149	6.83	7.74	10.32	8.08	9.03	11.59	6.43	7.40	9.95	-	-	-	-
	5785	157	7.13	7.85	10.51	8.39	9.13	11.79	6.72	7.47	10.12	-	-	-	-
	5825	165	7.34	7.40	10.38	8.60	8.72	11.67	6.95	7.08	10.02	-	-	-	-
UNII4	5845	169	7.53	7.58	10.57	8.72	8.84	11.79	6.98	7.16	10.08	-5.20	-4.90	-4.90	6.89
	5865	173	7.46	7.39	10.44	8.65	8.64	11.66	6.91	6.94	9.94	-5.20	-4.90	-4.90	6.76
	5885	177	7.48	7.62	10.56	8.67	8.85	11.77	6.91	7.13	10.03	-5.20	-4.90	-4.90	6.87

Mode : HE20 52T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain [dBi]	Ant2 gain [dBi]	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	5180	36	7.05	7.44	10.26	7.99	8.36	11.19	7.37	7.66	10.53	-	-	-	-
	5200	40	6.83	7.09	9.97	7.82	8.05	10.95	7.23	7.38	10.32	-	-	-	-
	5240	48	6.47	7.06	9.79	7.46	8.06	10.78	6.88	7.48	10.20	-	-	-	-
UNII2A	5260	52	6.99	7.37	10.20	7.93	8.30	11.13	7.30	7.63	10.48	-	-	-	-
	5300	60	7.40	8.03	10.73	8.11	8.74	11.45	6.83	7.49	10.18	-	-	-	-
	5320	64	7.33	7.78	10.57	8.10	8.57	11.35	6.94	7.44	10.21	-	-	-	-
UNII2C	5500	100	5.75	5.69	8.73	6.51	6.48	9.50	5.42	5.44	8.44	-	-	-	-
	5580	116	6.76	7.45	10.13	7.58	8.30	10.97	6.47	7.26	9.90	-	-	-	-
	5720	144	6.82	7.41	10.13	7.59	8.20	10.92	6.38	7.02	9.72	-	-	-	-
UNII3	5745	149	6.90	7.59	10.27	7.70	8.41	11.08	6.57	7.29	9.96	-	-	-	-
	5785	157	7.14	7.92	10.56	7.94	8.73	11.36	6.79	7.58	10.21	-	-	-	-
	5825	165	7.74	7.66	10.71	8.48	8.42	11.46	7.32	7.28	10.31	-	-	-	-
UNII4	5845	169	7.76	7.67	10.73	8.50	8.45	11.48	7.26	7.25	10.27	-5.20	-4.90	-4.90	6.58
	5865	173	7.55	7.64	10.60	8.32	8.42	11.38	7.08	7.22	10.16	-5.20	-4.90	-4.90	6.48
	5885	177	7.62	7.40	10.52	8.38	8.17	11.29	7.12	6.94	10.04	-5.20	-4.90	-4.90	6.39

Mode : HE20 106T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm]
UNII1	5180	36	8.03	8.54	11.30	-	-	-	8.25	8.71	11.50	-	-	-	-
	5200	40	7.71	8.05	10.89	-	-	-	7.98	8.25	11.13	-	-	-	-
	5240	48	7.47	8.05	10.78	-	-	-	7.75	8.35	11.07	-	-	-	-
UNII2A	5260	52	7.58	7.88	10.74	-	-	-	7.86	8.13	11.01	-	-	-	-
	5300	60	7.47	8.32	10.93	-	-	-	6.97	7.87	10.45	-	-	-	-
	5320	64	7.83	8.31	11.09	-	-	-	7.54	8.05	10.81	-	-	-	-
UNII2C	5500	100	6.69	6.67	9.69	-	-	-	6.46	6.51	9.49	-	-	-	-
	5580	116	7.84	8.48	11.18	-	-	-	7.65	8.34	11.02	-	-	-	-
	5720	144	8.38	8.84	11.62	-	-	-	8.08	8.55	11.33	-	-	-	-
UNII3	5745	149	8.46	8.95	11.72	-	-	-	8.22	8.73	11.49	-	-	-	-
	5785	157	8.73	9.31	12.04	-	-	-	8.47	9.06	11.79	-	-	-	-
	5825	165	8.97	8.83	11.91	-	-	-	8.73	8.60	11.68	-	-	-	-
UNII4	5845	169	9.15	8.90	12.04	-	-	-	8.82	8.62	11.73	-5.20	-4.90	-4.90	7.14
	5865	173	8.92	9.01	11.98	-	-	-	8.59	8.74	11.68	-5.20	-4.90	-4.90	7.08
	5885	177	9.04	8.93	12.00	-	-	-	8.71	8.61	11.67	-5.20	-4.90	-4.90	7.10

Mode : HE20 242T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm]
UNII1	5180	36	-	-	-	8.26	8.76	11.53	-	-	-	-	-	-	-
	5200	40	-	-	-	8.30	8.30	11.31	-	-	-	-	-	-	-
	5240	48	-	-	-	7.73	8.33	11.05	-	-	-	-	-	-	-
UNII2A	5260	52	-	-	-	7.85	8.17	11.02	-	-	-	-	-	-	-
	5300	60	-	-	-	7.45	8.33	10.92	-	-	-	-	-	-	-
	5320	64	-	-	-	7.92	8.42	11.19	-	-	-	-	-	-	-
UNII2C	5500	100	-	-	-	6.99	7.00	10.00	-	-	-	-	-	-	-
	5580	116	-	-	-	7.86	8.56	11.23	-	-	-	-	-	-	-
	5720	144	-	-	-	8.41	8.85	11.64	-	-	-	-	-	-	-
UNII3	5745	149	-	-	-	8.45	9.00	11.74	-	-	-	-	-	-	-
	5785	157	-	-	-	8.72	9.30	12.03	-	-	-	-	-	-	-
	5825	165	-	-	-	8.99	8.87	11.94	-	-	-	-	-	-	-
UNII4	5845	169	-	-	-	9.14	8.91	12.04	-	-	-	-5.20	-4.90	-4.90	7.14
	5865	173	-	-	-	8.91	9.02	11.98	-	-	-	-5.20	-4.90	-4.90	7.08
	5885	177	-	-	-	9.02	8.90	11.97	-	-	-	-5.20	-4.90	-4.90	7.07

Mode : HE20 SU															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain [dBi]	Ant2 gain [dBi]	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	5180	36	-	-	-	15.61	16.12	18.88	-	-	-	-	-	-	-
	5200	40	-	-	-	15.79	15.72	18.77	-	-	-	-	-	-	-
	5240	48	-	-	-	15.23	15.64	18.45	-	-	-	-	-	-	-
UNII2A	5260	52	-	-	-	15.13	15.57	18.37	-	-	-	-	-	-	-
	5300	60	-	-	-	15.33	15.64	18.50	-	-	-	-	-	-	-
	5320	64	-	-	-	15.70	15.71	18.72	-	-	-	-	-	-	-
UNII2C	5500	100	-	-	-	16.04	16.14	19.10	-	-	-	-	-	-	-
	5580	116	-	-	-	15.65	16.16	18.93	-	-	-	-	-	-	-
	5720	144	-	-	-	16.02	16.39	19.22	-	-	-	-	-	-	-
UNII3	5745	149	-	-	-	16.02	16.55	19.30	-	-	-	-	-	-	-
	5785	157	-	-	-	16.28	16.87	19.60	-	-	-	-	-	-	-
	5825	165	-	-	-	16.53	16.45	19.50	-	-	-	-	-	-	-
UNII4	5845	169	-	-	-	16.54	16.39	19.48	-	-	-	-5.20	-4.90	-4.90	14.58
	5865	173	-	-	-	16.61	16.37	19.50	-	-	-	-5.20	-4.90	-4.90	14.60
	5885	177	-	-	-	16.33	16.41	19.38	-	-	-	-5.20	-4.90	-4.90	14.48

Mode : HE40 26T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm]
UNII1	5190	38	6.41	6.80	9.62	7.41	7.67	10.55	7.31	7.50	10.42	-	-	-	-
	5230	46	6.36	6.69	9.54	7.53	7.71	10.63	7.60	7.60	10.61	-	-	-	-
UNII2A	5270	54	6.32	6.71	9.53	7.37	7.69	10.54	7.15	7.63	10.40	-	-	-	-
	5310	62	7.37	7.54	10.46	7.17	7.40	10.30	6.13	6.41	9.28	-	-	-	-
UNII2C	5510	102	6.84	7.09	9.97	7.06	7.41	10.25	6.31	6.80	9.57	-	-	-	-
	5550	110	6.23	7.25	9.78	6.47	7.64	10.10	5.67	6.93	9.36	-	-	-	-
	5710	142	7.90	8.03	10.98	7.79	8.03	10.92	6.68	7.01	9.86	-	-	-	-
UNII3	5755	151	7.85	8.56	11.23	7.89	8.69	11.32	7.01	7.82	10.45	-	-	-	-
	5795	159	8.13	8.44	11.30	8.17	8.49	11.34	7.23	7.57	10.42	-	-	-	-
UNII4	5835	167	8.40	8.44	11.43	8.44	8.56	11.51	7.47	7.65	10.57	-5.20	-4.90	-4.90	6.61
	5875	175	8.60	8.62	11.62	8.52	8.63	11.59	7.41	7.57	10.50	-5.20	-4.90	-4.90	6.72

Mode : HE40 52T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm]
UNII1	5190	38	6.79	7.02	9.92	7.24	7.36	10.31	7.64	7.68	10.67	-	-	-	-
	5230	46	6.75	7.28	10.03	7.40	7.76	10.59	7.94	8.15	11.05	-	-	-	-
UNII2A	5270	54	6.73	7.30	10.04	7.20	7.74	10.49	7.57	8.06	10.83	-	-	-	-
	5310	62	7.75	8.26	11.02	7.04	7.63	10.36	6.65	7.31	10.00	-	-	-	-
UNII2C	5510	102	7.35	7.62	10.50	7.03	7.43	10.24	6.88	7.37	10.14	-	-	-	-
	5550	110	6.79	7.21	10.02	6.50	7.05	9.79	6.34	6.93	9.65	-	-	-	-
	5710	142	7.92	8.10	11.02	7.27	7.54	10.42	6.83	7.15	10.00	-	-	-	-
UNII3	5755	151	7.99	8.65	11.34	7.52	8.25	10.91	7.23	7.97	10.62	-	-	-	-
	5795	159	8.09	8.74	11.44	7.62	8.27	10.97	7.30	7.94	10.64	-	-	-	-
UNII4	5835	167	8.66	8.54	11.61	8.14	8.13	11.15	7.80	7.81	10.82	-5.20	-4.90	-4.90	6.71
	5875	175	8.61	8.53	11.58	7.98	7.98	10.99	7.52	7.55	10.54	-5.20	-4.90	-4.90	6.68

Mode : HE40 106T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm]
UNII1	5190	38	7.23	7.78	10.52	7.05	7.53	10.31	7.96	8.34	11.17	-	-	-	-
	5230	46	6.80	7.27	10.05	6.73	7.11	9.94	7.83	8.03	10.94	-	-	-	-
UNII2A	5270	54	6.71	7.30	10.03	6.56	7.14	9.87	7.44	7.97	10.72	-	-	-	-
	5310	62	7.16	7.62	10.41	6.37	6.87	9.64	6.21	6.79	9.52	-	-	-	-
UNII2C	5510	102	7.72	7.71	10.72	7.14	7.19	10.17	7.30	7.50	10.41	-	-	-	-
	5550	110	7.15	8.03	10.62	6.59	7.54	10.10	6.71	7.79	10.29	-	-	-	-
	5710	142	8.22	8.26	11.25	7.47	7.55	10.52	7.24	7.40	10.33	-	-	-	-
UNII3	5755	151	8.23	8.49	11.37	7.78	7.98	10.89	7.72	7.95	10.84	-	-	-	-
	5795	159	8.69	8.58	11.65	7.99	7.90	10.95	7.94	7.84	10.90	-	-	-	-
UNII4	5835	167	8.88	8.38	11.65	8.22	7.75	11.00	8.13	7.73	10.94	-5.20	-4.90	-4.90	6.75
	5875	175	9.06	8.48	11.79	8.32	7.77	11.06	8.08	7.59	10.85	-5.20	-4.90	-4.90	6.89

Mode : HE40 242T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm]
UNII1	5190	38	7.11	7.66	10.40	-	-	-	7.61	8.04	10.84	-	-	-	-
	5230	46	6.75	7.21	9.99	-	-	-	7.46	7.72	10.60	-	-	-	-
UNII2A	5270	54	7.08	7.68	10.40	-	-	-	7.56	8.13	10.86	-	-	-	-
	5310	62	7.39	7.69	10.55	-	-	-	6.75	7.12	9.95	-	-	-	-
UNII2C	5510	102	7.44	7.50	10.48	-	-	-	7.15	7.35	10.26	-	-	-	-
	5550	110	6.88	7.83	10.39	-	-	-	6.58	7.66	10.17	-	-	-	-
	5710	142	8.00	8.24	11.13	-	-	-	7.32	7.66	10.50	-	-	-	-
UNII3	5755	151	8.03	8.83	11.46	-	-	-	7.59	8.41	11.03	-	-	-	-
	5795	159	8.34	8.91	11.64	-	-	-	7.86	8.44	11.17	-	-	-	-
UNII4	5835	167	8.59	8.70	11.66	-	-	-	8.10	8.30	11.21	-5.20	-4.90	-4.90	6.76
	5875	175	8.78	8.69	11.75	-	-	-	8.11	8.12	11.12	-5.20	-4.90	-4.90	6.85

Mode : HE40 484T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain [dBi]	Ant2 gain [dBi]	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	-	-	-	7.40	7.54	10.48	-	-	-	-	-	-	-
	5230	46	-	-	-	7.56	7.95	10.77	-	-	-	-	-	-	-
UNII2A	5270	54	-	-	-	7.39	7.95	10.69	-	-	-	-	-	-	-
	5310	62	-	-	-	7.21	7.53	10.39	-	-	-	-	-	-	-
UNII2C	5510	102	-	-	-	7.38	7.50	10.45	-	-	-	-	-	-	-
	5550	110	-	-	-	6.81	7.82	10.35	-	-	-	-	-	-	-
	5710	142	-	-	-	7.77	8.06	10.93	-	-	-	-	-	-	-
UNII3	5755	151	-	-	-	7.89	8.71	11.33	-	-	-	-	-	-	-
	5795	159	-	-	-	8.17	8.77	11.49	-	-	-	-	-	-	-
UNII4	5835	167	-	-	-	8.46	8.59	11.54	-	-	-	-5.20	-4.90	-4.90	6.64
	5875	175	-	-	-	8.58	8.50	11.55	-	-	-	-5.20	-4.90	-4.90	6.65

Mode : HE40 SU															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain [dBi]	Ant2 gain [dBi]	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	-	-	-	12.22	12.54	15.39	-	-	-	-	-	-	-
	5230	46	-	-	-	14.04	13.92	16.99	-	-	-	-	-	-	-
UNII2A	5270	54	-	-	-	13.68	13.82	16.76	-	-	-	-	-	-	-
	5310	62	-	-	-	13.15	13.26	16.21	-	-	-	-	-	-	-
UNII2C	5510	102	-	-	-	13.35	13.33	16.35	-	-	-	-	-	-	-
	5550	110	-	-	-	13.45	14.06	16.78	-	-	-	-	-	-	-
	5710	142	-	-	-	13.63	13.79	16.72	-	-	-	-	-	-	-
UNII3	5755	151	-	-	-	13.76	14.33	17.06	-	-	-	-	-	-	-
	5795	159	-	-	-	14.04	14.46	17.26	-	-	-	-	-	-	-
UNII4	5835	167	-	-	-	14.29	14.19	17.25	-	-	-	-5.20	-4.90	-4.90	12.35
	5875	175	-	-	-	14.24	14.07	17.16	-	-	-	-5.20	-4.90	-4.90	12.26

Mode : HE80 26T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1	Ant2	Directional	Maximum
			RU Index : Low			RU Index : Mid			RU Index : High			gain	gain	Gain	e.i.r.p
			Ant1	Ant2	MIMO	Ant1	Ant2	MIMO	Ant1	Ant2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]
UNII1	5210	42	5.76	6.40	9.10	7.20	7.70	10.47	7.04	7.67	10.37	-	-	-	-
UNII2A	5290	58	7.37	7.04	10.22	6.59	6.53	9.57	4.16	4.51	7.35	-	-	-	-
UNII2C	5530	106	6.43	6.54	9.50	6.75	7.29	10.04	5.16	6.12	8.68	-	-	-	-
	5610	122	6.99	6.98	10.00	7.28	7.50	10.40	5.39	6.01	8.72	-	-	-	-
	5690	138	7.13	7.39	10.27	7.19	7.64	10.43	5.22	5.81	8.53	-	-	-	-
UNII3	5775	155	7.17	7.21	10.20	7.33	7.57	10.46	5.49	5.96	8.74	-	-	-	-
UNII4	5855	171	7.48	6.97	10.24	7.11	7.14	10.13	4.62	5.08	7.87	-5.20	-4.90	-4.90	5.34

Mode : HE80 52T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm]
UNII1	5210	42	5.24	5.66	8.46	5.86	6.10	8.99	6.41	6.78	9.61	-	-	-	-
UNII2A	5290	58	7.49	6.79	10.16	5.93	5.57	8.77	4.56	4.56	7.57	-	-	-	-
UNII2C	5530	106	7.18	7.06	10.13	6.55	6.87	9.73	5.95	6.67	9.34	-	-	-	-
	5610	122	7.29	7.17	10.24	6.59	6.71	9.66	5.76	6.16	8.98	-	-	-	-
	5690	138	7.32	7.49	10.42	6.43	6.78	9.62	5.47	6.00	8.75	-	-	-	-
UNII3	5775	155	7.42	7.77	10.61	6.61	7.11	9.88	5.83	6.51	9.19	-	-	-	-
UNII4	5855	171	7.30	6.80	10.07	5.91	5.87	8.90	4.62	4.89	7.77	-5.20	-4.90	-4.90	5.17

Mode : HE80 106T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1	Ant2	Directional	Maximum
			RU Index : Low			RU Index : Mid			RU Index : High			gain	gain	Gain	e.i.r.p
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm]
UNII1	5210	42	5.50	5.82	8.67	5.30	5.51	8.42	6.57	6.89	9.74	-	-	-	-
UNII2A	5290	58	7.31	6.68	10.02	4.66	4.33	7.51	4.33	4.30	7.32	-	-	-	-
UNII2C	5530	106	6.80	6.83	9.82	5.50	5.90	8.72	5.71	6.45	9.11	-	-	-	-
	5610	122	7.07	7.01	10.05	5.53	5.77	8.66	5.60	6.10	8.87	-	-	-	-
	5690	138	7.18	7.47	10.34	5.56	6.02	8.81	5.44	6.07	8.78	-	-	-	-
UNII3	5775	155	7.37	7.34	10.37	5.76	5.95	8.87	5.88	6.15	9.03	-	-	-	-
UNII4	5855	171	7.91	7.57	10.75	5.85	5.83	8.85	5.51	5.75	8.64	-5.20	-4.90	-4.90	5.85

Mode : HE80 242T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm]
UNII1	5210	42	5.55	5.94	8.76	5.65	5.95	8.81	6.46	6.88	9.69	-	-	-	-
UNII2A	5290	58	7.40	7.10	10.26	6.31	6.16	9.25	4.74	4.97	7.87	-	-	-	-
UNII2C	5530	106	6.78	6.55	9.68	6.35	6.27	9.32	5.82	6.24	9.04	-	-	-	-
	5610	122	6.69	7.00	9.86	6.18	6.64	9.43	5.39	6.20	8.82	-	-	-	-
	5690	138	6.79	7.42	10.13	6.25	6.95	9.62	5.26	6.19	8.76	-	-	-	-
UNII3	5775	155	6.94	7.38	10.17	6.39	6.94	9.68	5.63	6.32	9.00	-	-	-	-
UNII4	5855	171	7.50	7.73	10.63	6.73	7.13	9.94	5.36	6.14	8.78	-5.20	-4.90	-4.90	5.73

Mode : HE80 484T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm]
UNII1	5210	42	6.05	6.36	9.22	-	-	-	6.67	7.01	9.85	-	-	-	-
UNII2A	5290	58	7.02	6.78	9.91	-	-	-	5.15	5.26	8.21	-	-	-	-
UNII2C	5530	106	6.63	6.47	9.56	-	-	-	5.98	6.27	9.14	-	-	-	-
	5610	122	6.92	6.89	9.91	-	-	-	6.03	6.33	9.19	-	-	-	-
	5690	138	7.03	7.27	10.16	-	-	-	5.98	6.43	9.22	-	-	-	-
UNII3	5775	155	6.91	7.25	10.10	-	-	-	6.00	6.51	9.27	-	-	-	-
UNII4	5855	171	7.67	7.50	10.60	-	-	-	6.21	6.40	9.32	-5.20	-4.90	-4.90	5.70

Mode : HE80 996T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain [dBi]	Ant2 gain [dBi]	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	-	-	-	6.22	6.61	9.43	-	-	-	-	-	-	-
UNII2A	5290	58	-	-	-	6.65	6.76	9.71	-	-	-	-	-	-	-
UNII2C	5530	106	-	-	-	6.25	6.32	9.30	-	-	-	-	-	-	-
	5610	122	-	-	-	6.94	7.07	10.01	-	-	-	-	-	-	-
	5690	138	-	-	-	6.74	7.15	9.96	-	-	-	-	-	-	-
UNII3	5775	155	-	-	-	6.99	7.47	10.25	-	-	-	-	-	-	-
UNII4	5855	171	-	-	-	7.50	7.38	10.45	-	-	-	-5.20	-4.90	-4.90	5.55

Mode : HE80 SU															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									Ant1 gain [dBi]	Ant2 gain [dBi]	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	-	-	-	11.41	11.71	14.57	-	-	-	-	-	-	-
UNII2A	5290	58	-	-	-	11.20	10.79	14.01	-	-	-	-	-	-	-
UNII2C	5530	106	-	-	-	11.22	11.36	14.30	-	-	-	-	-	-	-
	5610	122	-	-	-	11.46	11.79	14.64	-	-	-	-	-	-	-
	5690	138	-	-	-	11.30	11.60	14.46	-	-	-	-	-	-	-
UNII3	5775	155	-	-	-	11.39	11.41	14.41	-	-	-	-	-	-	-
UNII4	5855	171	-	-	-	11.82	11.45	14.65	-	-	-	-5.20	-4.90	-4.90	9.75

10.5 POWER SPECTRAL DENSITY

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

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

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

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

Limit(UNII 3) : 30.0 dBm/500 kHz

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

10.5.1 SISO Ant. 2

Mode : HE20 26T							
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5180	36	4.894	5.255	5.094	-	-
	5200	40	4.281	4.767	4.507	-	-
	5240	48	4.678	4.804	5.001	-	-
UNII2A	5260	52	4.342	5.042	4.799	-	-
	5300	60	5.021	5.311	4.439	-	-
	5320	64	4.530	4.659	4.310	-	-
UNII2C	5500	100	2.914	3.121	2.645	-	-
	5580	116	4.430	4.844	4.113	-	-
	5720	144	5.166	4.911	4.539	-	-
UNII3	5745	149	2.326	3.212	2.009	-	-
	5785	157	2.725	4.080	2.390	-	-
	5825	165	2.635	3.546	2.181	-	-
UNII4	5845	169	4.987	5.371	4.395	-4.90	0.471
	5865	173	5.301	5.531	4.759	-4.90	0.631
	5885	177	5.275	5.264	4.895	-4.90	0.375

Mode : HE20 52T							
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5180	36	2.754	3.263	2.644	-	-
	5200	40	2.129	2.998	2.867	-	-
	5240	48	2.042	2.912	2.777	-	-
UNII2A	5260	52	2.484	3.270	2.957	-	-
	5300	60	3.306	3.636	2.873	-	-
	5320	64	3.355	4.050	3.051	-	-
UNII2C	5500	100	0.847	1.506	0.828	-	-
	5580	116	2.514	3.033	2.561	-	-
	5720	144	2.518	2.952	1.971	-	-
UNII3	5745	149	-0.109	0.280	-0.772	-	-
	5785	157	0.586	0.676	0.045	-	-
	5825	165	-0.281	0.500	-0.246	-	-
UNII4	5845	169	2.692	3.260	2.280	-4.90	-1.640
	5865	173	2.813	2.972	2.074	-4.90	-1.928
	5885	177	2.866	3.018	2.213	-4.90	-1.882

Mode : HE20 106T							
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain	Maximum e.i.r.p
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2	[dBi]	[dBm/MHz]
UNII1	5180	36	0.888	-	1.063	-	-
	5200	40	0.483	-	0.618	-	-
	5240	48	0.220	-	0.774	-	-
UNII2A	5260	52	0.197	-	0.564	-	-
	5300	60	0.788	-	0.129	-	-
	5320	64	0.919	-	0.251	-	-
UNII2C	5500	100	-0.804	-	-1.374	-	-
	5580	116	0.585	-	0.667	-	-
	5720	144	0.982	-	0.721	-	-
UNII3	5745	149	-1.622	-	-1.334	-	-
	5785	157	-1.273	-	-1.072	-	-
	5825	165	-1.831	-	-1.943	-	-
UNII4	5845	169	0.868	-	0.985	-4.90	-3.915
	5865	173	0.956	-	1.207	-4.90	-3.693
	5885	177	1.337	-	1.267	-4.90	-3.563

Mode : HE20 242T							
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain	Maximum e.i.r.p
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2	[dBi]	[dBm/MHz]
UNII1	5180	36	-	-2.658	-	-	-
	5200	40	-	-2.733	-	-	-
	5240	48	-	-2.972	-	-	-
UNII2A	5260	52	-	-3.107	-	-	-
	5300	60	-	-2.778	-	-	-
	5320	64	-	-2.603	-	-	-
UNII2C	5500	100	-	-3.783	-	-	-
	5580	116	-	-2.509	-	-	-
	5720	144	-	-2.504	-	-	-
UNII3	5745	149	-	-4.986	-	-	-
	5785	157	-	-4.562	-	-	-
	5825	165	-	-5.118	-	-	-
UNII4	5845	169	-	-2.173	-	-4.90	-7.073
	5865	173	-	-2.370	-	-4.90	-7.270
	5885	177	-	-2.144	-	-4.90	-7.044

Mode : HE20 SU

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5180	36	-	4.970	-	-	-
	5200	40	-	4.760	-	-	-
	5240	48	-	4.166	-	-	-
UNII2A	5260	52	-	4.212	-	-	-
	5300	60	-	5.000	-	-	-
	5320	64	-	4.801	-	-	-
UNII2C	5500	100	-	4.813	-	-	-
	5580	116	-	5.154	-	-	-
	5720	144	-	5.178	-	-	-
UNII3	5745	149	-	2.830	-	-	-
	5785	157	-	2.791	-	-	-
	5825	165	-	2.453	-	-	-
UNII4	5845	169	-	5.659	-	-4.90	0.759
	5865	173	-	5.583	-	-4.90	0.683
	5885	177	-	5.414	-	-4.90	0.514

Mode : HE40 26T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5190	38	4.520	5.429	5.220	-	-
	5230	46	4.588	5.294	5.478	-	-
UNII2A	5270	54	4.418	5.610	5.411	-	-
	5310	62	5.606	5.132	4.788	-	-
UNII2C	5510	102	5.048	4.941	4.506	-	-
	5550	110	4.280	5.176	4.771	-	-
	5710	142	5.846	5.636	4.983	-	-
UNII3	5755	151	3.309	3.459	2.531	-	-
	5795	159	3.529	3.231	2.695	-	-
UNII4	5835	167	5.905	5.974	5.164	-4.90	1.074
	5875	175	6.286	5.853	4.721	-4.90	1.386

Mode : HE40 52T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5190	38	2.410	2.252	3.002	-	-
	5230	46	2.294	2.342	2.991	-	-
UNII2A	5270	54	2.331	2.662	3.133	-	-
	5310	62	3.212	2.380	2.229	-	-
UNII2C	5510	102	2.528	2.005	2.497	-	-
	5550	110	2.091	1.685	2.101	-	-
	5710	142	3.330	2.257	2.158	-	-
UNII3	5755	151	0.801	-0.047	0.008	-	-
	5795	159	0.805	0.325	0.016	-	-
UNII4	5835	167	3.745	2.737	2.855	-4.90	-1.155
	5875	175	3.773	2.790	2.652	-4.90	-1.127

Mode : HE40 106T							
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain	Maximum e.i.r.p
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2	[dBi]	[dBm/MHz]
UNII1	5190	38	-0.221	-0.937	0.339	-	-
	5230	46	-0.367	-0.864	0.234	-	-
UNII2A	5270	54	-0.741	-1.187	-0.187	-	-
	5310	62	-0.168	-1.309	-0.942	-	-
UNII2C	5510	102	0.030	-0.689	-0.588	-	-
	5550	110	0.358	-0.872	-0.156	-	-
	5710	142	0.175	-1.079	-0.577	-	-
UNII3	5755	151	-2.359	-3.306	-2.898	-	-
	5795	159	-2.245	-3.359	-2.679	-	-
UNII4	5835	167	0.535	-0.285	0.042	-4.90	-4.365
	5875	175	0.704	-0.497	-0.337	-4.90	-4.196

Mode : HE40 242T							
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain	Maximum e.i.r.p
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2	[dBi]	[dBm/MHz]
UNII1	5190	38	-3.719	-	-3.080	-	-
	5230	46	-4.100	-	-3.399	-	-
UNII2A	5270	54	-3.381	-	-2.763	-	-
	5310	62	-2.623	-	-3.465	-	-
UNII2C	5510	102	-3.581	-	-4.017	-	-
	5550	110	-3.671	-	-3.580	-	-
	5710	142	-3.077	-	-4.029	-	-
UNII3	5755	151	-5.331	-	-5.844	-	-
	5795	159	-5.198	-	-5.962	-	-
UNII4	5835	167	-2.437	-	-3.249	-4.90	-7.337
	5875	175	-2.414	-	-3.284	-4.90	-7.314

Mode : HE40 484T							
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain	Maximum e.i.r.p
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2	[dBi]	[dBm/MHz]
UNII1	5190	38	-	-6.015	-	-	-
	5230	46	-	-6.045	-	-	-
UNII2A	5270	54	-	-5.690	-	-	-
	5310	62	-	-6.353	-	-	-
UNII2C	5510	102	-	-6.628	-	-	-
	5550	110	-	-6.227	-	-	-
	5710	142	-	-5.950	-	-	-
UNII3	5755	151	-	-8.323	-	-	-
	5795	159	-	-8.052	-	-	-
UNII4	5835	167	-	-5.627	-	-4.90	-10.527
	5875	175	-	-5.670	-	-4.90	-10.570

Mode : HE40 SU

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5190	38	-	-0.824	-	-	-
	5230	46	-	0.404	-	-	-
UNII2A	5270	54	-	0.338	-	-	-
	5310	62	-	0.092	-	-	-
UNII2C	5510	102	-	-0.912	-	-	-
	5550	110	-	-0.270	-	-	-
	5710	142	-	-0.007	-	-	-
UNII3	5755	151	-	-2.313	-	-	-
	5795	159	-	-2.107	-	-	-
UNII4	5835	167	-	0.297	-	-4.90	-4.603
	5875	175	-	0.234	-	-4.90	-4.666

Mode : HE80 26T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5210	42	3.424	3.790	4.751	-	-
UNII2A	5290	58	5.061	3.145	2.219	-	-
	5530	106	3.905	3.665	3.154	-	-
UNII2C	5610	122	4.426	4.015	3.561	-	-
	5690	138	5.338	4.019	3.322	-	-
UNII3	5775	155	2.395	2.059	1.045	-	-
UNII4	5855	171	5.063	3.951	2.667	-4.90	0.163

Mode : HE80 52T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5210	42	1.146	0.876	2.117	-	-
UNII2A	5290	58	2.426	0.354	-0.072	-	-
	5530	106	2.345	1.417	2.032	-	-
UNII2C	5610	122	2.287	1.312	1.245	-	-
	5690	138	3.155	1.801	1.583	-	-
UNII3	5775	155	0.133	-1.205	-1.453	-	-
UNII4	5855	171	1.956	0.892	0.207	-4.90	-2.944

Mode : HE80 106T

Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5210	42	-1.753	-2.709	-0.383	-	-
UNII2A	5290	58	-0.578	-3.835	-3.293	-	-
	5530	106	-0.872	-2.279	-1.281	-	-
UNII2C	5610	122	-0.970	-2.667	-1.895	-	-
	5690	138	-0.304	-2.395	-1.719	-	-
UNII3	5775	155	-3.269	-5.131	-4.557	-	-
UNII4	5855	171	0.072	-2.259	-2.160	-4.90	-4.828

Mode : HE80 242T							
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5210	42	-4.968	-5.599	-3.765	-	-
UNII2A	5290	58	-2.800	-4.867	-5.805	-	-
UNII2C	5530	106	-3.981	-4.962	-4.325	-	-
	5610	122	-3.554	-4.778	-4.872	-	-
	5690	138	-3.605	-4.743	-4.755	-	-
UNII3	5775	155	-5.958	-7.934	-7.616	-	-
UNII4	5855	171	-2.886	-4.566	-5.360	-4.90	-7.786

Mode : HE80 484T							
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5210	42	-7.230	-	-6.072	-	-
UNII2A	5290	58	-6.133	-	-8.958	-	-
UNII2C	5530	106	-6.846	-	-7.115	-	-
	5610	122	-7.091	-	-7.669	-	-
	5690	138	-6.486	-	-7.965	-	-
UNII3	5775	155	-9.245	-	-10.436	-	-
UNII4	5855	171	-5.733	-	-8.016	-4.90	-10.633

Mode : HE80 996T							
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5210	42	-	-9.026	-	-	-
UNII2A	5290	58	-	-8.674	-	-	-
UNII2C	5530	106	-	-9.886	-	-	-
	5610	122	-	-8.983	-	-	-
	5690	138	-	-8.959	-	-	-
UNII3	5775	155	-	-11.704	-	-	-
UNII4	5855	171	-	-8.593	-	-4.90	-13.493

Mode : HE80 SU							
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]			Peak Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low	RU Index : Mid	RU Index : High		
			ANT2	ANT2	ANT2		
UNII1	5210	42	-	-3.766	-	-	-
UNII2A	5290	58	-	-4.615	-	-	-
UNII2C	5530	106	-	-4.730	-	-	-
	5610	122	-	-3.840	-	-	-
	5690	138	-	-4.287	-	-	-
UNII3	5775	155	-	-6.984	-	-	-
UNII4	5855	171	-	-4.205	-	-4.90	-9.105

10.5.2 MIMO_SDM(Ant.1+ Ant.2)

Mode : HE20 26T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1 gain [dBi]	Ant2 gain [dBi]	Directional Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low			RU Index : Mid			RU Index : High						
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
UNII1	5180	36	4.069	4.486	7.293	4.638	5.252	7.966	4.345	4.892	7.637	-	-	-	-
	5200	40	3.752	4.382	7.089	4.292	5.065	7.706	4.259	4.803	7.550	-	-	-	-
	5240	48	3.907	5.035	7.518	4.688	4.861	7.786	4.328	5.284	7.843	-	-	-	-
UNII2A	5260	52	4.142	4.464	7.316	4.172	5.014	7.624	4.361	4.919	7.659	-	-	-	-
	5300	60	4.371	5.095	7.758	4.315	5.497	7.956	3.739	4.804	7.314	-	-	-	-
	5320	64	4.049	4.360	7.218	3.750	4.624	7.219	3.499	3.971	6.752	-	-	-	-
UNII2C	5500	100	2.756	2.522	5.651	3.375	3.155	6.277	2.485	2.474	5.490	-	-	-	-
	5580	116	3.702	4.313	7.029	3.667	5.062	7.431	3.556	4.514	7.072	-	-	-	-
	5720	144	4.900	5.022	7.972	4.843	5.662	8.282	4.134	4.461	7.311	-	-	-	-
UNII3	5745	149	2.140	2.622	5.398	2.831	3.250	6.056	1.758	2.268	5.031	-	-	-	-
	5785	157	2.008	2.840	5.454	2.966	3.936	6.488	1.866	2.868	5.406	-	-	-	-
	5825	165	2.663	2.298	5.495	3.426	3.073	6.263	1.928	2.434	5.199	-	-	-	-
UNII4	5845	169	5.168	5.591	8.395	4.903	5.430	8.185	4.425	5.195	7.837	-5.20	-4.90	-4.90	3.495
	5865	173	5.377	5.122	8.262	5.159	5.147	8.163	4.435	4.618	7.538	-5.20	-4.90	-4.90	3.362
	5885	177	4.942	5.351	8.162	4.831	5.696	8.295	4.405	4.554	7.490	-5.20	-4.90	-4.90	3.395
Mode : HE20 52T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1 gain [dBi]	Ant2 gain [dBi]	Directional Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low			RU Index : Mid			RU Index : High						
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
UNII1	5180	36	2.110	2.732	5.442	2.705	3.308	6.027	2.653	2.845	5.760	-	-	-	-
	5200	40	1.502	2.103	4.823	2.943	2.870	5.917	2.530	2.637	5.594	-	-	-	-
	5240	48	1.485	2.062	4.793	2.397	2.827	5.628	2.136	2.584	5.376	-	-	-	-
UNII2A	5260	52	2.230	2.632	5.446	2.459	3.058	5.779	2.379	2.811	5.611	-	-	-	-
	5300	60	2.295	3.180	5.770	2.394	3.289	5.875	1.710	2.657	5.220	-	-	-	-
	5320	64	2.629	2.762	5.706	2.774	3.348	6.081	1.937	2.781	5.390	-	-	-	-
UNII2C	5500	100	0.684	0.571	3.638	1.341	1.242	4.302	0.704	0.464	3.596	-	-	-	-
	5580	116	1.780	2.508	5.170	2.317	3.312	5.853	1.627	2.428	5.056	-	-	-	-
	5720	144	1.827	2.484	5.178	2.479	2.848	5.678	1.494	1.957	4.742	-	-	-	-
UNII3	5745	149	-0.555	0.033	2.759	-0.252	-0.003	2.885	-1.200	-0.700	2.068	-	-	-	-
	5785	157	-0.539	0.569	3.061	-0.051	0.702	3.352	-0.633	0.181	2.803	-	-	-	-
	5825	165	-0.223	-0.292	2.753	0.151	0.283	3.228	-0.640	-0.470	2.456	-	-	-	-
UNII4	5845	169	2.893	2.324	5.628	3.246	3.247	6.257	2.427	2.453	5.450	-5.20	-4.90	-4.90	1.357
	5865	173	2.482	2.750	5.628	3.203	3.180	6.202	2.141	2.076	5.119	-5.20	-4.90	-4.90	1.302
	5885	177	2.478	2.293	5.397	3.209	3.153	6.191	1.996	1.993	5.005	-5.20	-4.90	-4.90	1.291

Mode : HE20 106T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1 gain [dBi]	Ant2 gain [dBi]	Directional Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low			RU Index : Mid			RU Index : High						
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
UNII1	5180	36	0.510	0.825	3.681	-	-	-	0.474	0.761	3.631	-	-	-	-
	5200	40	0.358	0.725	3.556	-	-	-	-0.003	0.598	3.319	-	-	-	-
	5240	48	-0.435	0.183	2.896	-	-	-	-0.324	0.185	2.949	-	-	-	-
UNII2A	5260	52	-0.160	0.079	2.972	-	-	-	-0.194	0.101	2.967	-	-	-	-
	5300	60	-0.359	0.522	3.115	-	-	-	-0.498	0.670	3.136	-	-	-	-
	5320	64	0.361	0.658	3.523	-	-	-	-0.101	0.770	3.367	-	-	-	-
UNII2C	5500	100	-1.347	-1.238	1.719	-	-	-	-1.399	-1.026	1.802	-	-	-	-
	5580	116	-0.055	0.738	3.370	-	-	-	-0.054	0.412	3.196	-	-	-	-
	5720	144	0.327	1.162	3.775	-	-	-	0.222	0.831	3.548	-	-	-	-
UNII3	5745	149	-1.839	-1.530	1.329	-	-	-	-2.234	-1.882	0.956	-	-	-	-
	5785	157	-1.982	-1.080	1.503	-	-	-	-1.939	-1.624	1.232	-	-	-	-
	5825	165	-1.572	-1.397	1.527	-	-	-	-1.963	-1.909	1.075	-	-	-	-
UNII4	5845	169	1.170	1.045	4.119	-	-	-	0.718	1.006	3.875	-5.20	-4.90	-4.90	-0.781
	5865	173	0.865	1.349	4.125	-	-	-	0.459	1.287	3.904	-5.20	-4.90	-4.90	-0.775
	5885	177	0.726	1.181	3.970	-	-	-	1.063	0.987	4.036	-5.20	-4.90	-4.90	-0.864

Mode : HE20 242T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1 gain [dBi]	Ant2 gain [dBi]	Directional Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low			RU Index : Mid			RU Index : High						
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
UNII1	5180	36	-	-	-	-3.232	-2.589	0.112	-	-	-	-	-	-	-
	5200	40	-	-	-	-2.875	-2.686	0.231	-	-	-	-	-	-	-
	5240	48	-	-	-	-3.731	-2.927	-0.300	-	-	-	-	-	-	-
UNII2A	5260	52	-	-	-	-3.550	-2.765	-0.129	-	-	-	-	-	-	-
	5300	60	-	-	-	-3.451	-2.585	0.014	-	-	-	-	-	-	-
	5320	64	-	-	-	-3.428	-2.602	0.015	-	-	-	-	-	-	-
UNII2C	5500	100	-	-	-	-3.968	-4.658	-1.289	-	-	-	-	-	-	-
	5580	116	-	-	-	-3.399	-2.447	0.114	-	-	-	-	-	-	-
	5720	144	-	-	-	-2.795	-2.372	0.432	-	-	-	-	-	-	-
UNII3	5745	149	-	-	-	-5.467	-4.850	-2.137	-	-	-	-	-	-	-
	5785	157	-	-	-	-5.085	-4.599	-1.825	-	-	-	-	-	-	-
	5825	165	-	-	-	-4.975	-5.116	-2.034	-	-	-	-	-	-	-
UNII4	5845	169	-	-	-	-2.306	-1.862	0.932	-	-	-	-5.20	-4.90	-4.90	-3.968
	5865	173	-	-	-	-2.238	-2.325	0.729	-	-	-	-5.20	-4.90	-4.90	-4.171
	5885	177	-	-	-	-2.331	-2.179	0.756	-	-	-	-5.20	-4.90	-4.90	-4.144

Mode : HE20 SU															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1	Ant2	Directional	Maximum
			RU Index : Low			RU Index : Mid			RU Index : High			gain	gain	Gain	e.i.r.p
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]
UNII1	5180	36	-	-	-	4.508	4.703	7.617	-	-	-	-	-	-	-
	5200	40	-	-	-	4.872	4.395	7.651	-	-	-	-	-	-	-
	5240	48	-	-	-	4.111	4.424	7.281	-	-	-	-	-	-	-
UNII2A	5260	52	-	-	-	4.277	4.221	7.260	-	-	-	-	-	-	-
	5300	60	-	-	-	4.070	4.565	7.335	-	-	-	-	-	-	-
	5320	64	-	-	-	4.351	4.496	7.435	-	-	-	-	-	-	-
UNII2C	5500	100	-	-	-	4.865	4.957	7.922	-	-	-	-	-	-	-
	5580	116	-	-	-	4.487	5.057	7.792	-	-	-	-	-	-	-
	5720	144	-	-	-	4.818	5.308	8.080	-	-	-	-	-	-	-
UNII3	5745	149	-	-	-	2.074	2.821	5.474	-	-	-	-	-	-	-
	5785	157	-	-	-	2.276	3.297	5.827	-	-	-	-	-	-	-
	5825	165	-	-	-	2.523	2.702	5.624	-	-	-	-	-	-	-
UNII4	5845	169	-	-	-	5.132	5.359	8.258	-	-	-	-5.20	-4.90	-4.90	3.358
	5865	173	-	-	-	5.211	5.375	8.304	-	-	-	-5.20	-4.90	-4.90	3.404
	5885	177	-	-	-	5.120	5.286	8.214	-	-	-	-5.20	-4.90	-4.90	3.314

Mode : HE40 26T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1 gain [dBi]	Ant2 gain [dBi]	Directional Gain [dBi]	Maximum e.i.r.p [dBm/MHz]
			RU Index : Low			RU Index : Mid			RU Index : High						
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
UNII1	5190	38	3.633	4.336	7.009	4.616	5.123	7.887	4.661	5.432	8.074	-	-	-	-
	5230	46	3.726	4.167	6.962	5.059	5.713	8.409	4.949	5.212	8.093	-	-	-	-
UNII2A	5270	54	3.982	4.123	7.063	4.624	5.341	8.008	4.461	5.143	7.826	-	-	-	-
	5310	62	4.783	5.324	8.072	4.623	5.015	7.834	3.699	4.311	7.026	-	-	-	-
UNII2C	5510	102	4.322	4.471	7.407	4.634	4.916	7.788	3.785	4.512	7.174	-	-	-	-
	5550	110	3.722	5.168	7.515	4.063	5.025	7.581	3.612	4.311	6.986	-	-	-	-
	5710	142	5.689	5.636	8.673	5.240	5.450	8.357	3.969	4.518	7.262	-	-	-	-
UNII3	5755	151	2.770	3.686	6.262	2.714	3.476	6.122	2.183	2.887	5.560	-	-	-	-
	5795	159	2.989	3.611	6.321	3.023	3.078	6.061	2.262	2.676	5.484	-	-	-	-
UNII4	5835	167	5.984	5.800	8.903	5.893	5.713	8.814	4.780	5.102	7.954	-5.20	-4.90	-4.90	4.003
	5875	175	5.787	6.353	9.090	5.855	6.039	8.958	4.960	5.224	8.104	-5.20	-4.90	-4.90	4.190

Mode : HE40 52T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm/MHz]
UNII1	5190	38	1.414	2.266	4.871	1.768	2.448	5.132	2.442	2.932	5.704	-	-	-	-
	5230	46	1.656	2.254	4.976	2.258	2.374	5.327	3.280	3.464	6.383	-	-	-	-
UNII2A	5270	54	1.726	2.451	5.114	1.870	2.885	5.417	2.611	3.117	5.882	-	-	-	-
	5310	62	2.992	3.201	6.108	2.016	2.137	5.087	1.713	2.367	5.063	-	-	-	-
UNII2C	5510	102	2.379	2.794	5.602	1.902	2.440	5.190	2.124	2.685	5.424	-	-	-	-
	5550	110	1.688	2.287	5.008	0.678	1.780	4.274	0.902	2.114	4.560	-	-	-	-
	5710	142	3.003	3.179	6.102	2.080	2.429	5.268	1.915	2.055	4.996	-	-	-	-
UNII3	5755	151	0.191	0.874	3.556	-0.808	-0.114	2.563	-0.640	0.284	2.857	-	-	-	-
	5795	159	0.492	0.606	3.560	-0.179	-0.133	2.854	-0.258	0.070	2.919	-	-	-	-
UNII4	5835	167	3.543	3.713	6.639	2.763	2.718	5.751	2.734	2.944	5.851	-5.20	-4.90	-4.90	1.739
	5875	175	3.440	3.448	6.454	2.655	2.515	5.596	2.361	2.512	5.447	-5.20	-4.90	-4.90	1.554

Mode : HE40 106T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm/MHz]
UNII1	5190	38	-1.057	-0.312	2.342	-1.244	-0.601	2.100	0.085	0.180	3.143	-	-	-	-
	5230	46	-1.011	-0.455	2.287	-1.387	-1.111	1.764	0.141	0.222	3.192	-	-	-	-
UNII2A	5270	54	-1.321	-0.154	2.312	-1.507	-0.857	1.841	-0.403	-0.011	2.808	-	-	-	-
	5310	62	-0.801	-0.124	2.561	-1.980	-0.916	1.595	-1.485	-0.948	1.802	-	-	-	-
UNII2C	5510	102	-0.018	0.053	3.028	-1.190	-1.171	1.830	-0.846	-0.396	2.395	-	-	-	-
	5550	110	-1.033	0.573	2.854	-1.713	-0.731	1.816	-1.371	-0.080	2.333	-	-	-	-
	5710	142	-0.025	0.101	3.049	-0.958	-1.243	1.912	-1.209	-0.529	2.155	-	-	-	-
UNII3	5755	151	-2.932	-2.079	0.526	-3.757	-3.200	-0.459	-3.582	-3.046	-0.295	-	-	-	-
	5795	159	-2.591	-2.101	0.672	-3.369	-3.139	-0.242	-3.285	-2.827	-0.039	-	-	-	-
UNII4	5835	167	0.087	0.682	3.405	-0.932	-0.396	2.355	-0.573	-0.068	2.697	-5.20	-4.90	-4.90	-1.495
	5875	175	0.528	0.800	3.677	-0.661	-0.501	2.430	-0.616	-0.261	2.576	-5.20	-4.90	-4.90	-1.223

Mode : HE40 242T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1	Ant2	Directional	Maximum
			RU Index : Low			RU Index : Mid			RU Index : High			gain	gain	Gain	e.i.r.p
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]
UNII1	5190	38	-4.055	-3.583	-0.803	-	-	-	-3.670	-3.213	-0.426	-	-	-	-
	5230	46	-4.529	-3.931	-1.210	-	-	-	-3.437	-3.617	-0.516	-	-	-	-
UNII2A	5270	54	-3.963	-3.164	-0.535	-	-	-	-3.291	-2.712	0.018	-	-	-	-
	5310	62	-3.576	-3.167	-0.357	-	-	-	-4.221	-4.038	-1.119	-	-	-	-
UNII2C	5510	102	-3.839	-3.742	-0.780	-	-	-	-3.804	-3.996	-0.889	-	-	-	-
	5550	110	-4.091	-2.979	-0.490	-	-	-	-4.126	-3.380	-0.727	-	-	-	-
	5710	142	-2.552	-2.560	0.454	-	-	-	-3.594	-3.855	-0.713	-	-	-	-
UNII3	5755	151	-6.100	-5.037	-2.526	-	-	-	-6.724	-5.743	-3.196	-	-	-	-
	5795	159	-5.635	-5.196	-2.400	-	-	-	-6.520	-5.895	-3.186	-	-	-	-
UNII4	5835	167	-2.550	-2.761	0.356	-	-	-	-3.254	-3.193	-0.214	-5.20	-4.90	-4.90	-4.544
	5875	175	-2.269	-2.468	0.642	-	-	-	-3.625	-3.154	-0.373	-5.20	-4.90	-4.90	-4.258

Mode : HE40 484T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm/MHz]
UNII1	5190	38	-	-	-	-6.363	-5.615	-2.963	-	-	-	-	-	-	-
	5230	46	-	-	-	-6.221	-5.903	-3.049	-	-	-	-	-	-	-
UNII2A	5270	54	-	-	-	-6.526	-5.555	-3.003	-	-	-	-	-	-	-
	5310	62	-	-	-	-6.580	-5.912	-3.223	-	-	-	-	-	-	-
UNII2C	5510	102	-	-	-	-6.366	-6.667	-3.504	-	-	-	-	-	-	-
	5550	110	-	-	-	-7.491	-6.150	-3.759	-	-	-	-	-	-	-
	5710	142	-	-	-	-5.680	-5.613	-2.636	-	-	-	-	-	-	-
UNII3	5755	151	-	-	-	-8.716	-7.749	-5.196	-	-	-	-	-	-	-
	5795	159	-	-	-	-8.712	-8.335	-5.509	-	-	-	-	-	-	-
UNII4	5835	167	-	-	-	-5.203	-5.506	-2.342	-	-	-	-5.20	-4.90	-4.90	-7.242
	5875	175	-	-	-	-5.178	-5.785	-2.461	-	-	-	-5.20	-4.90	-4.90	-7.361

Mode : HE40 SU															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm/MHz]
UNII1	5190	38	-	-	-	-1.563	-1.180	1.644	-	-	-	-	-	-	-
	5230	46	-	-	-	0.612	0.106	3.377	-	-	-	-	-	-	-
UNII2A	5270	54	-	-	-	-0.182	0.091	2.967	-	-	-	-	-	-	-
	5310	62	-	-	-	-0.502	-0.381	2.570	-	-	-	-	-	-	-
UNII2C	5510	102	-	-	-	-0.846	-0.581	2.299	-	-	-	-	-	-	-
	5550	110	-	-	-	-0.373	0.282	2.978	-	-	-	-	-	-	-
	5710	142	-	-	-	0.038	0.128	3.094	-	-	-	-	-	-	-
UNII3	5755	151	-	-	-	-2.710	-2.067	0.634	-	-	-	-	-	-	-
	5795	159	-	-	-	-2.363	-2.333	0.663	-	-	-	-	-	-	-
UNII4	5835	167	-	-	-	0.745	0.344	3.560	-	-	-	-5.20	-4.90	-4.90	-1.340
	5875	175	-	-	-	0.332	0.634	3.496	-	-	-	-5.20	-4.90	-4.90	-1.404

Mode : HE80 26T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1	Ant2	Directional	Maximum
			RU Index : Low			RU Index : Mid			RU Index : High			gain	gain	Gain	e.i.r.p
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]
UNII1	5210	42	3.058	3.921	6.521	4.116	3.960	7.049	4.666	5.072	7.884	-	-	-	-
UNII2A	5290	58	4.829	4.281	7.574	3.000	3.022	6.021	1.804	1.867	4.846	-	-	-	-
UNII2C	5530	106	3.763	3.697	6.740	2.910	3.517	6.234	2.623	3.140	5.899	-	-	-	-
	5610	122	4.519	4.817	7.681	3.589	3.768	6.690	2.919	3.537	6.249	-	-	-	-
	5690	138	4.481	5.051	7.786	3.735	3.882	6.819	2.983	3.246	6.127	-	-	-	-
UNII3	5775	155	2.100	2.252	5.187	1.599	2.162	4.900	0.297	1.016	3.682	-	-	-	-
UNII4	5855	171	5.147	4.327	7.767	3.578	3.460	6.530	2.416	2.522	5.480	-5.20	-4.90	-4.90	2.867

Mode : HE80 52T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm/MHz]
UNII1	5210	42	0.421	1.198	3.837	0.320	1.035	3.703	1.337	1.849	4.611	-	-	-	-
UNII2A	5290	58	2.523	2.568	5.556	-0.246	0.084	2.933	-0.392	-0.185	2.723	-	-	-	-
UNII2C	5530	106	1.991	2.525	5.277	1.394	1.729	4.575	0.978	1.488	4.251	-	-	-	-
	5610	122	2.202	1.807	5.020	1.407	1.364	4.396	0.818	1.015	3.928	-	-	-	-
	5690	138	2.356	2.701	5.543	1.290	1.800	4.563	0.329	1.357	3.884	-	-	-	-
UNII3	5775	155	0.022	-0.090	2.977	-1.637	-0.669	1.885	-1.897	-1.469	1.333	-	-	-	-
UNII4	5855	171	2.526	1.908	5.239	0.594	0.756	3.686	-0.550	0.100	2.798	-5.20	-4.90	-4.90	0.339

Mode : HE80 106T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm/MHz]
UNII1	5210	42	-2.558	-1.853	0.819	-2.695	-2.683	0.322	-1.449	-0.789	1.904	-	-	-	-
UNII2A	5290	58	-0.526	-1.009	2.250	-3.665	-3.691	-0.667	-3.662	-2.943	-0.277	-	-	-	-
UNII2C	5530	106	-1.145	-0.936	1.971	-3.016	-2.394	0.317	-2.109	-1.411	1.265	-	-	-	-
	5610	122	-0.569	-0.678	2.387	-2.921	-2.288	0.418	-2.343	-1.675	1.014	-	-	-	-
	5690	138	-0.483	-0.366	2.587	-2.985	-2.699	0.171	-2.702	-1.964	0.693	-	-	-	-
UNII3	5775	155	-2.913	-3.157	-0.023	-5.141	-5.114	-2.117	-5.098	-4.334	-1.689	-	-	-	-
UNII4	5855	171	0.011	-0.374	2.833	-2.079	-1.975	0.984	-2.426	-2.077	0.763	-5.20	-4.90	-4.90	-2.067

Mode : HE80 242T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm/MHz]
UNII1	5210	42	-5.468	-4.838	-2.132	-6.061	-5.587	-2.808	-4.373	-4.189	-1.270	-	-	-	-
UNII2A	5290	58	-2.913	-3.227	-0.057	-5.172	-4.834	-1.990	-5.988	-5.915	-2.941	-	-	-	-
UNII2C	5530	106	-4.093	-3.904	-0.988	-5.303	-4.669	-1.965	-4.767	-3.867	-1.284	-	-	-	-
	5610	122	-3.499	-4.162	-0.808	-5.143	-5.429	-2.274	-5.262	-5.325	-2.284	-	-	-	-
	5690	138	-3.711	-3.761	-0.726	-5.098	-4.854	-1.964	-5.376	-4.945	-2.145	-	-	-	-
UNII3	5775	155	-6.731	-6.218	-3.457	-7.875	-7.790	-4.822	-8.178	-7.538	-4.836	-	-	-	-
UNII4	5855	171	-3.368	-3.298	-0.323	-4.091	-4.166	-1.118	-5.315	-4.522	-1.891	-5.20	-4.90	-4.90	-5.223

Mode : HE80 484T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm/MHz]
UNII1	5210	42	-8.037	-7.819	-4.916	-	-	-	-7.002	-6.179	-3.560	-	-	-	-
UNII2A	5290	58	-5.755	-6.475	-3.090	-	-	-	-8.968	-8.792	-5.869	-	-	-	-
UNII2C	5530	106	-6.687	-6.734	-3.700	-	-	-	-8.184	-6.787	-4.419	-	-	-	-
	5610	122	-6.420	-6.475	-3.437	-	-	-	-8.066	-7.745	-4.892	-	-	-	-
	5690	138	-6.539	-6.304	-3.409	-	-	-	-8.211	-7.821	-5.001	-	-	-	-
UNII3	5775	155	-9.388	-9.767	-6.563	-	-	-	-10.534	-10.677	-7.594	-	-	-	-
UNII4	5855	171	-5.931	-6.544	-3.216	-	-	-	-7.910	-7.375	-4.624	-5.20	-4.90	-4.90	-8.116

Mode : HE80 996T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1 gain	Ant2 gain	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]	[dBi]	[dBi]	[dBm/MHz]
UNII1	5210	42	-	-	-	-10.097	-9.742	-6.905	-	-	-	-	-	-	-
UNII2A	5290	58	-	-	-	-8.951	-9.559	-6.234	-	-	-	-	-	-	-
UNII2C	5530	106	-	-	-	-10.629	-9.840	-7.206	-	-	-	-	-	-	-
	5610	122	-	-	-	-9.373	-9.459	-6.405	-	-	-	-	-	-	-
	5690	138	-	-	-	-9.191	-9.146	-6.158	-	-	-	-	-	-	-
UNII3	5775	155	-	-	-	-12.407	-12.181	-9.282	-	-	-	-	-	-	-
UNII4	5855	171	-	-	-	-8.215	-8.298	-5.246	-	-	-	-5.20	-4.90	-4.90	-10.146

Mode : HE80 SU															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									Ant1	Ant2	Directional	Maximum
			RU Index : Low			RU Index : Mid			RU Index : High			gain	gain	Gain	e.i.r.p
			ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	[dBi]	[dBi]	[dBi]	[dBm/MHz]
UNII1	5210	42	-	-	-	-5.085	-4.030	-1.516	-	-	-	-	-	-	-
UNII2A	5290	58	-	-	-	-4.218	-4.341	-1.269	-	-	-	-	-	-	-
UNII2C	5530	106	-	-	-	-4.332	-5.052	-1.667	-	-	-	-	-	-	-
	5610	122	-	-	-	-4.873	-4.364	-1.601	-	-	-	-	-	-	-
	5690	138	-	-	-	-5.119	-4.838	-1.966	-	-	-	-	-	-	-
UNII3	5775	155	-	-	-	-7.772	-7.318	-4.529	-	-	-	-	-	-	-
UNII4	5855	171	-	-	-	-4.496	-4.392	-1.434	-	-	-	-5.20	-4.90	-4.90	-6.334

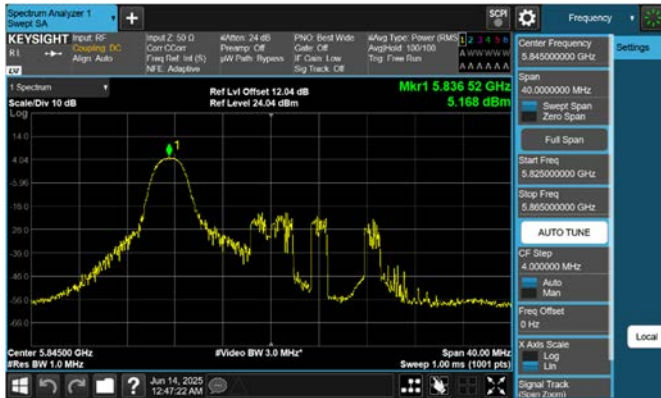
■ Test Plots[MIMO_SDM(Ant.1+ Ant.2)]

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

Ant.1

Ant.2

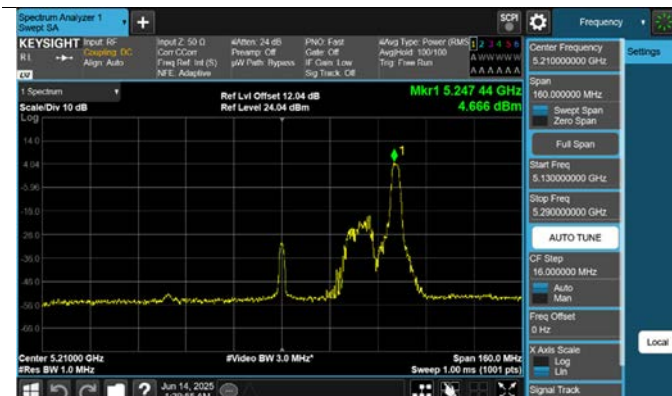
Bandwidth 20M Ch.169(5845 MHz) 26 Tone RU 0



Bandwidth 40M Ch.175(5875 MHz) 26 Tone RU 0



Bandwidth 80M Ch.42 (5210 MHz) 26 Tone RU 36



10.6 STRADDLE CHANNEL

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

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 SISO Ant. 2

Mode: HE20										
Freq.[MHz]	CH.	Tone	RUIndex	26dB BW[MHz]		6dB BW[MHz]	Total Power[dBm]		Total PSD[dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5720	144	26T	(1) 0	16.24	4.08	-	7.10	-20.92	4.542	-23.750
			(1) 4	14.00	4.12	-	8.30	-21.81	4.581	-22.457
			7	14.04	4.60	2.48	-8.20	7.48	-3.515	2.394
			8	14.08	6.40	4.56	-15.92	6.61	-20.060	1.471
		52T	(1) 37	16.44	4.24	-	7.09	-22.63	1.917	-21.901
			(1) 38	14.08	4.24	-	7.87	-21.75	2.553	-26.526
			39	14.08	4.28	0.36	7.28	-2.67	2.316	-1.719
			40	14.16	6.36	4.48	-10.69	6.60	-7.244	-1.111
		106T	(1) 53	16.40	4.48	-	8.43	-17.84	0.253	-23.587
			54	14.32	6.60	4.56	5.21	5.04	-0.077	-2.990
		242T	61	16.48	6.32	4.52	7.41	1.51	-3.079	-6.768
		SU	-	16.40	6.12	4.48	15.44	9.60	4.971	1.463

Mode: HE40										
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		6dB BW [MHz]	Total Power [dBm]		Total PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5710	142	26T	(1)(2) 0	-	-	-	-	-	-	-
			(1) 9	18.52	4.12	-	8.22	-21.31	5.445	-21.524
			16	14.36	4.84	2.04	-1.38	7.71	2.749	2.774
			17	14.36	6.44	4.12	-14.18	7.16	-21.526	1.882
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1) 41	19.00	4.28	-	7.47	-23.09	2.086	-25.680
			43	14.60	4.20	0.12	7.83	-8.52	2.482	-11.225
			44	14.52	6.28	4.04	-4.90	6.82	-0.997	-0.733
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 54	-	-	-	-	-	-	-
			55	18.44	4.52	2.60	6.89	-19.00	-1.528	-24.685
			56	15.24	6.12	4.04	4.57	3.40	-1.112	-4.400
		242T	(1)(2) 61	-	-	-	-	-	-	-
			62	18.68	6.04	4.12	6.67	0.54	-4.045	-7.098
		484T	65	36.44	6.36	3.96	7.45	-2.47	-6.125	-9.770
		SU	-	36.52	6.28	4.04	13.65	3.67	-0.046	-3.803

Mode: HE80										
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		6dB BW [MHz]	Total Power [dBm]		Total PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5690	138	26T	(1)(2) 0	-	-	-	-	-	-	-
			(1)(2) 18	-	-	-	-	-	-	-
			35	14.52	4.84	2.12	-2.31	6.70	0.957	1.684
			36	14.68	6.44	4.20	-16.52	5.88	-25.109	0.448
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1)(2) 45	-	-	-	-	-	-	-
			51	14.52	4.52	0.20	7.29	-9.16	1.971	-13.158
			52	14.52	6.60	4.20	-5.60	5.82	-2.919	-1.635
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 57	-	-	-	-	-	-	-
			59	19.32	4.68	2.76	5.08	-20.72	-3.566	-24.506
			60	15.16	6.60	4.04	3.55	2.02	-2.289	-5.757
		242T	(1)(2) 61	-	-	-	-	-	-	-
			(1)(2) 62	-	-	-	-	-	-	-
			63	38.36	5.32	2.76	6.32	-19.50	-5.452	-24.848
			64	19.00	6.28	4.04	5.12	-0.92	-4.954	-8.677
		484T	(1)(2) 65	-	-	-	-	-	-	-
			66	38.20	6.60	4.04	5.74	-3.95	-7.963	-11.383
		996T	67	76.60	5.96	3.40	7.14	-6.35	-9.100	-14.070
		SU	-	76.60	6.12	3.56	11.63	-1.86	-4.328	-9.250

10.6.2 MIMO_SDM(Ant.1)

Mode: HE20										
Freq.[MHz]	CH.	Tone	RUIndex	26dB BW[MHz]		6dB BW[MHz]	Total Power[dBm]		Total PSD[dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5720	144	26T	(1) 0	16.64	4.16	-	6.64	-21.87	4.030	-26.624
			(1) 4	14.08	4.08	-	7.75	-22.06	4.254	-25.319
			7	14.12	4.68	2.48	-8.91	6.83	-4.244	1.643
			8	14.16	6.52	4.48	-15.69	6.02	-20.795	0.869
		52T	(1) 37	16.24	4.28	-	6.50	-20.28	1.372	-21.404
			(1) 38	14.12	4.24	-	7.26	-19.90	1.842	-21.400
			39	14.12	4.24	2.52	6.63	-3.37	1.569	-2.380
			40	14.16	6.32	4.44	-10.00	5.91	-7.727	-1.902
		106T	(1) 53	16.28	4.52	-	7.88	-15.13	-0.382	-19.396
			54	14.40	6.12	4.60	4.72	4.48	-0.488	-3.758
		242T	61	16.20	6.12	4.48	6.90	0.98	-3.617	-7.046
		SU	-	16.40	6.52	4.48	14.72	8.82	4.240	1.036
Mode: HE40										
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		6dB BW [MHz]	Total Power [dBm]		Total PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5710	142	26T	(1)(2) 0	-	-	-	-	-	-	-
			(1) 9	18.76	4.04	-	7.60	-22.46	4.963	-27.243
			16	14.44	4.60	2.04	-1.89	7.01	1.796	2.082
			17	14.44	6.28	4.12	-15.74	6.46	-20.692	1.219
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1) 41	18.52	4.28	-	7.09	-19.23	1.484	-25.192
			43	14.60	4.28	0.04	7.37	-9.11	1.901	-11.883
			44	14.60	6.20	4.04	-4.90	6.28	-1.808	-1.021
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 54	-	-	-	-	-	-	-
			55	18.60	4.52	2.60	6.51	-17.03	-1.649	-23.698
			56	15.32	6.28	4.04	4.17	2.92	-1.608	-4.843
		242T	(1)(2) 61	-	-	-	-	-	-	-
			62	18.84	6.12	4.04	6.14	-0.06	-4.499	-7.437
		484T	65	36.20	5.88	3.88	7.18	-2.97	-5.906	-10.803
		SU	-	36.36	5.96	3.96	13.28	3.18	-0.045	-4.313

Mode : HE80										
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		6dB BW [MHz]	Total Power [dBm]		Total PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5690	138	26T	(1)(2) 0	-	-	-	-	-	-	-
			(1)(2) 18	-	-	-	-	-	-	-
			35	14.36	5.00	2.12	-3.00	5.81	-0.132	1.108
			36	14.84	6.76	4.20	-17.12	4.99	-23.274	-0.439
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1)(2) 45	-	-	-	-	-	-	-
			51	14.68	4.36	0.20	6.47	-10.03	0.934	-13.892
			52	15.00	6.92	4.20	-6.10	4.90	-3.508	-2.814
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 57	-	-	-	-	-	-	-
			59	19.48	5.00	2.76	4.38	-18.16	-4.075	-25.133
			60	15.64	6.28	4.04	2.66	1.15	-3.040	-6.288
		242T	(1)(2) 61	-	-	-	-	-	-	-
			(1)(2) 62	-	-	-	-	-	-	-
			63	38.04	5.00	2.76	5.70	-17.76	-6.153	-26.074
			64	19.16	6.28	4.04	4.38	-1.68	-5.734	-9.081
		484T	(1)(2) 65	-	-	-	-	-	-	-
			66	37.40	6.60	4.04	5.16	-4.67	-8.920	-12.413
		996T	67	76.28	6.12	2.76	6.25	-7.55	-9.810	-14.875
		SU	-	76.60	6.12	2.92	10.93	-2.71	-4.988	-10.058

10.6.3 MIMO_SDM(Ant.2)

Mode : HE20										
Freq.[MHz]	CH.	Tone	RUIndex	26dB BW[MHz]		6dB BW[MHz]	Total Power[dBm]		Total PSD[dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5720	144	26T	(1) 0	16.08	4.00	-	6.96	-21.88	4.453	-24.202
			(1) 4	14.00	4.00	-	8.11	-22.15	4.627	-23.341
			7	14.00	4.32	2.48	-8.29	7.28	-4.102	2.162
			8	14.00	6.20	4.52	-14.20	6.39	-19.608	1.218
		52T	(1) 37	16.04	4.12	-	6.99	-20.59	1.712	-22.738
			(1) 38	14.12	4.12	-	7.71	-19.24	2.188	-24.814
			39	14.16	4.12	0.36	7.11	-2.81	2.024	-1.785
			40	14.20	6.16	4.48	-9.43	6.44	-7.144	-1.217
		106T	(1) 53	16.24	4.24	-	8.30	-14.70	0.347	-18.993
			54	14.32	6.04	4.60	5.20	4.91	-0.070	-3.341
		242T	61	16.40	5.80	4.44	7.34	1.43	-3.085	-6.418
		SU	-	16.12	6.12	4.44	14.92	9.07	4.626	1.143
Mode : HE40										
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		6dB BW [MHz]	Total Power [dBm]		Total PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5710	142	26T	(1)(2) 0	-	-	-	-	-	-	-
			(1) 9	18.12	4.12	-	7.84	-21.26	5.105	-24.430
			16	14.36	4.60	2.12	-1.57	7.50	2.649	2.726
			17	14.36	6.12	4.12	-14.59	6.93	-19.986	1.907
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1) 41	17.80	4.20	-	7.38	-18.99	1.827	-22.022
			43	14.60	4.36	2.52	7.63	-8.66	2.330	-11.387
			44	14.60	6.28	4.04	-4.46	6.63	-1.478	-0.853
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 54	-	-	-	-	-	-	-
			55	17.96	4.52	2.60	6.84	-15.73	-1.481	-20.819
			56	15.24	5.96	4.04	4.60	3.35	-1.124	-4.614
		242T	(1)(2) 61	-	-	-	-	-	-	-
			62	18.28	6.04	4.12	6.56	0.44	-3.981	-6.937
		484T	65	36.04	5.72	3.88	7.51	-2.48	-5.768	-10.261
		SU	-	36.20	5.72	4.04	13.54	3.56	-0.196	-3.960

Mode : HE80										
Freq. [MHz]	CH.	Tone	RU Index	26dB BW [MHz]		6dB BW [MHz]	Total Power [dBm]		Total PSD [dBm/MHz]	
				UNII 2C	UNII 3	UNII 3	UNII 2C	UNII 3	UNII 2C	UNII 3
5690	138	26T	(1)(2) 0	-	-	-	-	-	-	-
			(1)(2) 18	-	-	-	-	-	-	-
			35	14.52	4.84	2.12	-2.35	6.48	0.524	1.440
			36	14.52	6.44	4.20	-15.64	5.63	-20.725	0.153
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1)(2) 45	-	-	-	-	-	-	-
			51	15.00	4.36	0.20	7.12	-9.36	1.720	-13.303
			52	15.16	6.44	4.20	-5.20	5.68	-2.720	-1.731
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 57	-	-	-	-	-	-	-
			59	19.32	4.84	2.76	5.08	-17.40	-3.447	-23.600
			60	15.32	6.28	4.20	3.60	1.89	-1.935	-5.765
		242T	(1)(2) 61	-	-	-	-	-	-	-
			(1)(2) 62	-	-	-	-	-	-	-
			63	38.52	4.52	2.76	6.26	-17.34	-5.642	-22.016
			64	18.84	6.28	3.88	5.04	-1.10	-5.188	-8.612
		484T	(1)(2) 65	-	-	-	-	-	-	-
			66	37.24	5.96	4.20	5.80	-3.99	-8.130	-11.888
		996T	67	76.12	5.80	3.88	6.92	-6.65	-9.429	-14.104
		SU	-	76.28	5.80	3.56	11.22	-2.32	-5.151	-9.628

Test Plots(26dB Bandwidth)

Note: In order to simplify the report, attached plots were only the widest channel. (UNII1~3)
[MIMO_SDM(Ant. 1)]

UNII 2C

20M Ch.144(5720 MHz) 26 Tones RU 0



UNII 3

20M Ch.144(5720 MHz) 26 Tones RU 8



40M Ch.142(5710 MHz) SU



40M Ch.142(5710 MHz) 26 Tones RU 17



80M Ch.138(5690 MHz) SU



80M Ch.138(5690 MHz) 52 Tones RU 52



[MIMO_SDM(Ant. 2)]

UNII 2C

UNII 3

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

20M Ch.144(5720 MHz) 26 Tones RU 8



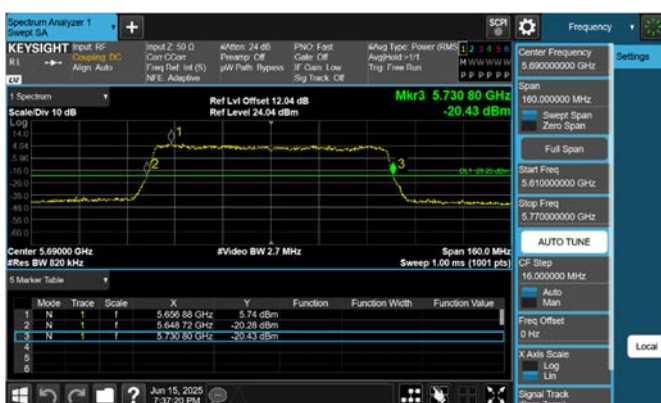
40M Ch.142(5710 MHz) SU

40M Ch.142(5710 MHz) 52 Tones RU 44



80M Ch.138(5690 MHz) SU

80M Ch.138(5690 MHz) 26 Tones RU 36



□ Test Plots(6dB Bandwidth)

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

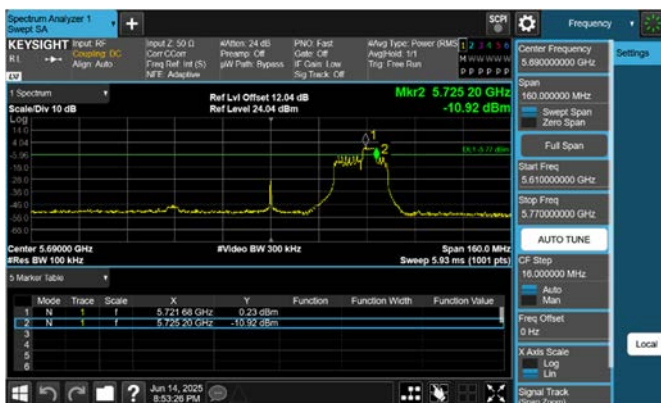
[MIMO_SDM(Ant. 1)]

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

40M Ch.142(5710 MHz) 52 Tones RU 43



80M Ch.138(5690 MHz) 52 Tones RU 51



[MIMO_SDM(Ant. 2)]

20M Ch.144(5720 MHz) 52 Tones RU 39



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



80M Ch.138(5690 MHz) 52 Tones RU 51



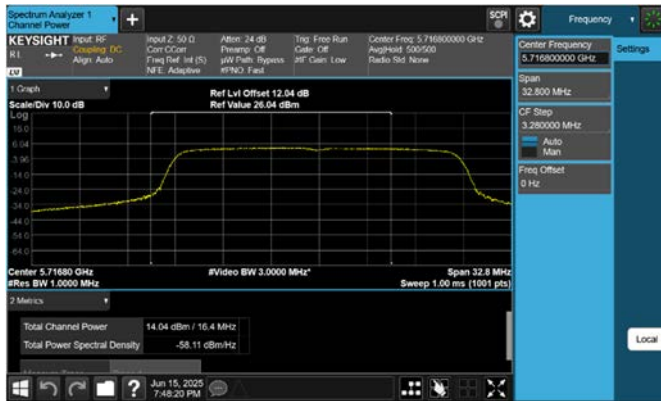
Test Plots(Output Power)

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

[MIMO_SDM(Ant. 1)]

UNII 2C

20M Ch.144(5720 MHz) SU



UNII 3

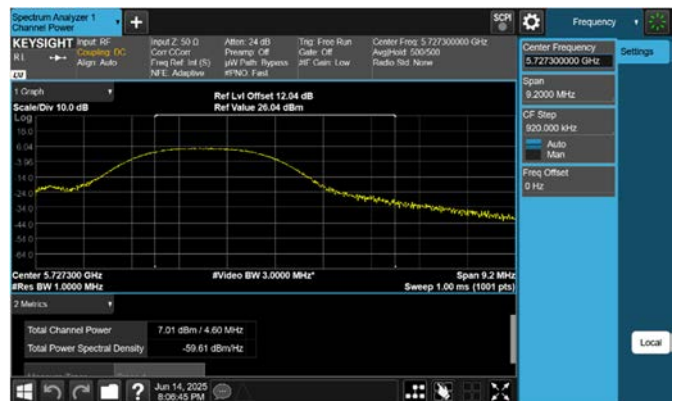
20M Ch.144(5720 MHz) SU



40M Ch.142(5710 MHz) SU



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



80M Ch.138(5690 MHz) SU



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



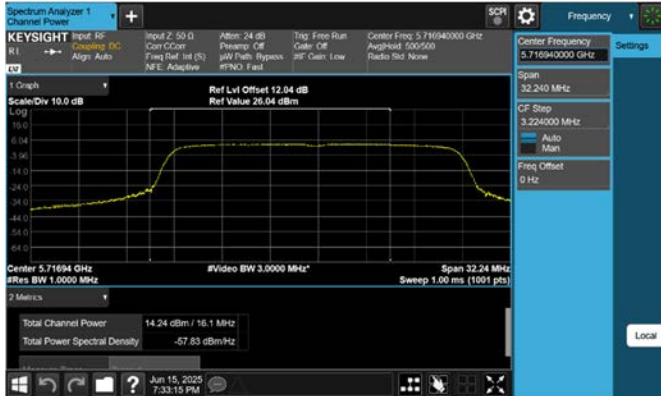
[MIMO_SDM(Ant. 2)]

UNII 2C

UNII 3

20M Ch.144(5720 MHz) SU

20M Ch.144(5720 MHz) SU



40M Ch.142(5710 MHz) SU

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



80M Ch.138(5690 MHz) SU

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



□ Test Plots(Power Spectral Density)

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

[MIMO_SDM(Ant. 1)]

UNII 2C

UNII 3

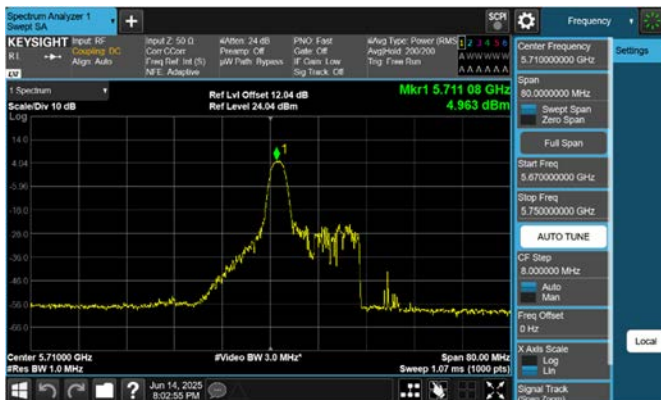
20M Ch.144(5720 MHz) 26 Tones RU 4

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



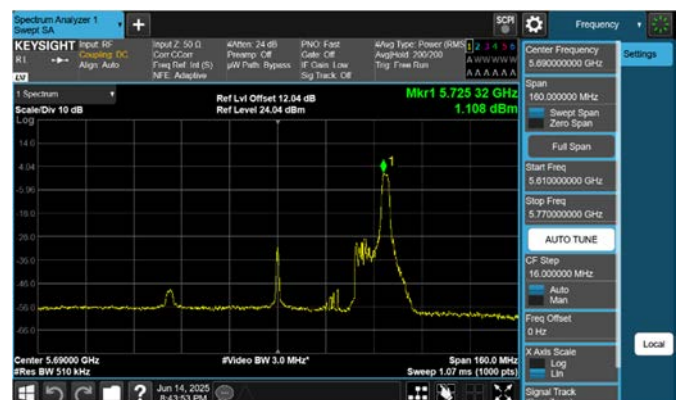
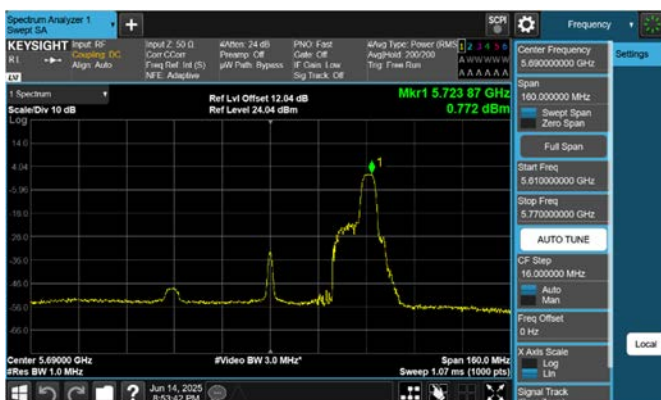
40M Ch.142(5710 MHz) 26 Tones RU 9

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



80M Ch.138(5690 MHz) 52 Tones RU 51

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



[MIMO_SDM(Ant. 2)]

UNII 2C

20M Ch.144(5720 MHz) 26 Tones RU 4

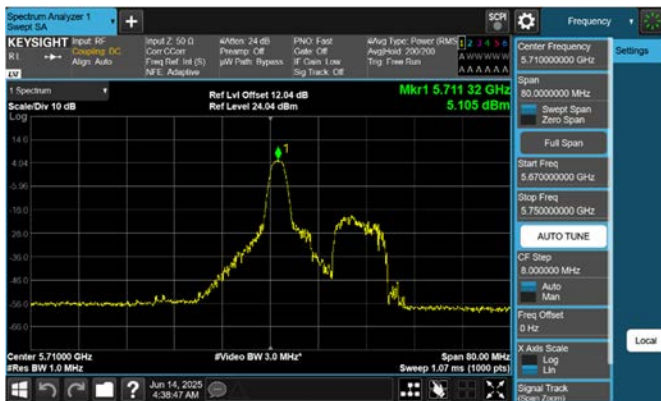


UNII 3

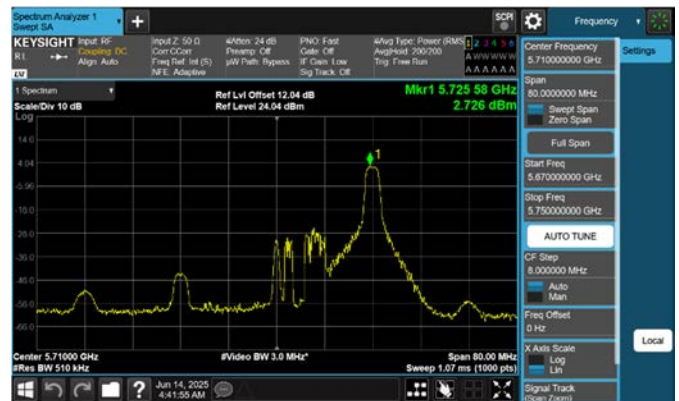
20M Ch.144(5720 MHz) 26 Tones RU 7



40M Ch.142(5710 MHz) 26 Tones RU 9



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



80M Ch.138(5690 MHz) 52 Tones RU 51



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



10.7 RADIATED SPURIOUS EMISSIONS (9 kHz – 1 GHz)

Frequency Range : 9 kHz – 30 MHz

Frequency	Measured Value	CL+AF+DF-AG+ATT	ANT. POL	Total	Limit	Margin
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]

No Critical peaks found

Note:

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

Frequency Range : Below 1 GHz

Frequency	Measured Value	A.F+C.L	ANT. POL	Total	Limit	Margin
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]

No Critical peaks found

Note:

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

10.8 RADIATED SPURIOUS EMISSIONS (Above 1 GHz)

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

Band : UNII 1			Operation Mode : 802.11ax_HE20 SU				
CH.36 5180 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10360	55.17	-2.96	V	52.21	68.20	15.99	PK
15540	53.97	-3.14	V	50.83	73.98	23.15	PK
15540	40.99	-3.14	V	37.85	53.98	16.13	AV
10360	55.08	-2.96	H	52.12	68.20	16.08	PK
15540	54.27	-3.14	H	51.13	73.98	22.85	PK
15540	41.08	-3.14	H	37.94	53.98	16.04	AV

Band : UNII 1			Operation Mode : 802.11ax_HE20 SU				
CH.40 5200 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10400	55.56	-2.81	V	52.75	68.20	15.45	PK
15600	54.99	-3.13	V	51.86	73.98	22.12	PK
15600	42.25	-3.13	V	39.12	53.98	14.86	AV
10400	55.97	-2.81	H	53.16	68.20	15.04	PK
15600	54.73	-3.13	H	51.60	73.98	22.38	PK
15600	42.24	-3.13	H	39.11	53.98	14.87	AV

Band : UNII 1			Operation Mode : 802.11ax_HE20 SU				
CH.48 5240 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10480	55.71	-2.36	V	53.35	68.20	14.85	PK
15720	54.60	-3.83	V	50.77	73.98	23.21	PK
15720	42.36	-3.83	V	38.53	53.98	15.45	AV
10480	55.63	-2.36	H	53.27	68.20	14.93	PK
15720	54.68	-3.83	H	50.85	73.98	23.13	PK
15720	42.40	-3.83	H	38.57	53.98	15.41	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 SU				
CH.52 5260 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10520	55.44	-2.05	V	53.39	68.20	14.81	PK
15780	54.13	-3.49	V	50.64	73.98	23.34	PK
15780	41.57	-3.49	V	38.08	53.98	15.90	AV
10520	55.23	-2.05	H	53.18	68.20	15.02	PK
15780	54.29	-3.49	H	50.80	73.98	23.18	PK
15780	41.74	-3.49	H	38.25	53.98	15.73	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 SU				
CH.60 5300 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10600	54.67	-2.50	V	52.17	73.98	21.81	PK
10600	42.54	-2.50	V	40.04	53.98	13.94	AV
15900	53.48	-3.31	V	50.17	73.98	23.81	PK
15900	40.85	-3.31	V	37.54	53.98	16.44	AV
10600	55.52	-2.50	H	53.02	73.98	20.96	PK
10600	42.81	-2.50	H	40.31	53.98	13.67	AV
15900	53.65	-3.31	H	50.34	73.98	23.64	PK
15900	40.82	-3.31	H	37.51	53.98	16.47	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 SU				
CH.64 5320 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10640	55.28	-2.41	V	52.87	73.98	21.11	PK
10640	42.68	-2.41	V	40.27	53.98	13.71	AV
15960	53.39	-3.54	V	49.85	73.98	24.13	PK
15960	40.69	-3.54	V	37.15	53.98	16.83	AV
10640	54.71	-2.41	H	52.30	73.98	21.68	PK
10640	42.39	-2.41	H	39.98	53.98	14.00	AV
15960	54.45	-3.54	H	50.91	73.98	23.07	PK
15960	40.64	-3.54	H	37.10	53.98	16.88	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE20 SU				
CH.100 5500 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11000	55.10	-2.08	V	53.02	73.98	20.96	PK
11000	42.96	-2.08	V	40.88	53.98	13.10	AV
16500	53.51	-2.72	V	50.79	68.20	17.41	PK
11000	55.37	-2.08	H	53.29	73.98	20.69	PK
11000	43.44	-2.08	H	41.36	53.98	12.62	AV
16500	53.77	-2.72	H	51.05	68.20	17.15	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE20 SU				
CH.116 5580 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11160	53.68	-2.45	V	51.23	73.98	22.75	PK
11160	41.39	-2.45	V	38.94	53.98	15.04	AV
16740	53.82	-2.20	V	51.62	68.20	16.58	PK
11160	53.81	-2.45	H	51.36	73.98	22.62	PK
11160	41.54	-2.45	H	39.09	53.98	14.89	AV
16740	54.27	-2.20	H	52.07	68.20	16.13	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE20 SU				
CH.144 5720 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11440	52.46	-2.19	V	50.27	73.98	23.71	PK
11440	40.36	-2.19	V	38.17	53.98	15.81	AV
17160	54.40	-2.22	V	52.18	68.20	16.02	PK
11440	52.79	-2.19	H	50.60	73.98	23.38	PK
11440	40.73	-2.19	H	38.54	53.98	15.44	AV
17160	54.86	-2.22	H	52.64	68.20	15.56	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 SU				
CH.149 5745 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11490	52.66	-2.25	V	50.41	73.98	23.57	PK
11490	40.14	-2.25	V	37.89	53.98	16.09	AV
17235	54.54	-2.54	V	52.00	68.20	16.20	PK
11490	52.88	-2.25	H	50.63	73.98	23.35	PK
11490	40.31	-2.25	H	38.06	53.98	15.92	AV
17235	55.42	-2.54	H	52.88	68.20	15.32	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 SU				
CH.157 5785 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11570	53.18	-2.38	V	50.80	73.98	23.18	PK
11570	40.72	-2.38	V	38.34	53.98	15.64	AV
17355	54.73	-1.09	V	53.64	68.20	14.56	PK
11570	53.43	-2.38	H	51.05	73.98	22.93	PK
11570	40.92	-2.38	H	38.54	53.98	15.44	AV
17355	55.08	-1.09	H	53.99	68.20	14.21	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 SU				
CH.165 5825 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11650	53.81	-2.58	V	51.23	73.98	22.75	PK
11650	41.11	-2.58	V	38.53	53.98	15.45	AV
17475	55.43	-0.63	V	54.80	68.20	13.40	PK
11650	53.78	-2.58	H	51.20	73.98	22.78	PK
11650	41.19	-2.58	H	38.61	53.98	15.37	AV
17475	55.53	-0.63	H	54.90	68.20	13.30	PK

Band : UNII 4			Operation Mode : 802.11ax_HE20 SU				
CH.169 5845 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11690	53.47	-2.59	V	50.88	73.98	23.10	PK
11690	40.96	-2.59	V	38.37	53.98	15.61	AV
17535	55.67	-0.44	V	55.23	68.20	12.97	PK
11690	53.81	-2.59	H	51.22	73.98	22.76	PK
11690	41.30	-2.59	H	38.71	53.98	15.27	AV
17535	56.93	-0.44	H	56.49	68.20	11.71	PK

Band : UNII 4			Operation Mode : 802.11ax_HE20 SU				
CH.173 5865 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11730	53.55	-2.94	V	50.61	73.98	23.37	PK
11730	41.07	-2.94	V	38.13	53.98	15.85	AV
17595	57.00	-0.09	V	56.91	68.20	11.29	PK
11730	54.15	-2.94	H	51.21	73.98	22.77	PK
11730	41.04	-2.94	H	38.10	53.98	15.88	AV
17595	57.39	-0.09	H	57.30	68.20	10.90	PK

Band : UNII 4			Operation Mode : 802.11ax_HE20 SU				
CH.177 5885 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11770	53.80	-2.98	V	50.82	73.98	23.16	PK
11770	41.00	-2.98	V	38.02	53.98	15.96	AV
17655	56.91	0.50	V	57.41	68.20	10.79	PK
11770	53.87	-2.98	H	50.89	73.98	23.09	PK
11770	41.08	-2.98	H	38.10	53.98	15.88	AV
17655	57.59	0.50	H	58.09	68.20	10.11	PK

Band : UNII 1			Operation Mode : 802.11ax_HE20 26T RU4				
CH.36 5180 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10360	55.30	-2.96	V	52.34	68.20	15.86	PK
15540	53.55	-3.14	V	50.41	73.98	23.57	PK
15540	40.81	-3.14	V	37.67	53.98	16.31	AV
10360	55.92	-2.96	H	52.96	68.20	15.24	PK
15540	53.36	-3.14	H	50.22	73.98	23.76	PK
15540	41.02	-3.14	H	37.88	53.98	16.10	AV

Band : UNII 1			Operation Mode : 802.11ax_HE20 26T RU4				
CH.40 5200 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10400	55.96	-2.81	V	53.15	68.20	15.05	PK
15600	54.55	-3.13	V	51.42	73.98	22.56	PK
15600	41.93	-3.13	V	38.80	53.98	15.18	AV
10400	55.81	-2.81	H	53.00	68.20	15.20	PK
15600	54.24	-3.13	H	51.11	73.98	22.87	PK
15600	42.00	-3.13	H	38.87	53.98	15.11	AV

Band : UNII 1			Operation Mode : 802.11ax_HE20 26T RU4				
CH.48 5240 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10480	54.94	-2.36	V	52.58	68.20	15.62	PK
15720	54.32	-3.83	V	50.49	73.98	23.49	PK
15720	42.19	-3.83	V	38.36	53.98	15.62	AV
10480	55.29	-2.36	H	52.93	68.20	15.27	PK
15720	55.06	-3.83	H	51.23	73.98	22.75	PK
15720	42.04	-3.83	H	38.21	53.98	15.77	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 26T RU4				
CH.52 5260 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10520	55.64	-2.05	V	53.59	68.20	14.61	PK
15780	54.05	-3.49	V	50.56	73.98	23.42	PK
15780	41.33	-3.49	V	37.84	53.98	16.14	AV
10520	55.43	-2.05	H	53.38	68.20	14.82	PK
15780	54.22	-3.49	H	50.73	73.98	23.25	PK
15780	41.51	-3.49	H	38.02	53.98	15.96	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 26T RU4				
CH.60 5300 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10600	55.06	-2.50	V	52.56	73.98	21.42	PK
10600	42.21	-2.50	V	39.71	53.98	14.27	AV
15900	53.11	-3.31	V	49.80	73.98	24.18	PK
15900	40.56	-3.31	V	37.25	53.98	16.73	AV
10600	54.65	-2.50	H	52.15	73.98	21.83	PK
10600	42.33	-2.50	H	39.83	53.98	14.15	AV
15900	53.40	-3.31	H	50.09	73.98	23.89	PK
15900	40.48	-3.31	H	37.17	53.98	16.81	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 26T RU4				
CH.64 5320 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10640	54.97	-2.41	V	52.56	73.98	21.42	PK
10640	42.26	-2.41	V	39.85	53.98	14.13	AV
15960	52.79	-3.54	V	49.25	73.98	24.73	PK
15960	40.63	-3.54	V	37.09	53.98	16.89	AV
10640	54.87	-2.41	H	52.46	73.98	21.52	PK
10640	42.61	-2.41	H	40.20	53.98	13.78	AV
15960	53.35	-3.54	H	49.81	73.98	24.17	PK
15960	40.43	-3.54	H	36.89	53.98	17.09	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE20 26T RU4				
CH.100 5500 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11000	55.01	-2.08	V	52.93	73.98	21.05	PK
11000	42.34	-2.08	V	40.26	53.98	13.72	AV
16500	53.36	-2.72	V	50.64	68.20	17.56	PK
11000	55.53	-2.08	H	53.45	73.98	20.53	PK
11000	42.64	-2.08	H	40.56	53.98	13.42	AV
16500	54.41	-2.72	H	51.69	68.20	16.51	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE20 26T RU4				
CH.116 5580 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11160	53.94	-2.45	V	51.49	73.98	22.49	PK
11160	41.25	-2.45	V	38.80	53.98	15.18	AV
16740	54.29	-2.20	V	52.09	68.20	16.11	PK
11160	54.09	-2.45	H	51.64	73.98	22.34	PK
11160	41.33	-2.45	H	38.88	53.98	15.10	AV
16740	53.70	-2.20	H	51.50	68.20	16.70	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE20 26T RU4				
CH.144 5720 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11440	52.76	-2.19	V	50.57	73.98	23.41	PK
11440	40.24	-2.19	V	38.05	53.98	15.93	AV
17160	54.90	-2.22	V	52.68	68.20	15.52	PK
11440	53.69	-2.19	H	51.50	73.98	22.48	PK
11440	40.59	-2.19	H	38.40	53.98	15.58	AV
17160	55.32	-2.22	H	53.10	68.20	15.10	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 26T RU4				
CH.149 5745 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11490	52.54	-2.25	V	50.29	73.98	23.69	PK
11490	40.18	-2.25	V	37.93	53.98	16.05	AV
17235	54.68	-2.54	V	52.14	68.20	16.06	PK
11490	52.81	-2.25	H	50.56	73.98	23.42	PK
11490	40.21	-2.25	H	37.96	53.98	16.02	AV
17235	54.35	-2.54	H	51.81	68.20	16.39	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 26T RU4				
CH.157 5785 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11570	53.68	-2.38	V	51.30	73.98	22.68	PK
11570	41.00	-2.38	V	38.62	53.98	15.36	AV
17355	54.35	-1.09	V	53.26	68.20	14.94	PK
11570	53.79	-2.38	H	51.41	73.98	22.57	PK
11570	40.73	-2.38	H	38.35	53.98	15.63	AV
17355	54.10	-1.09	H	53.01	68.20	15.19	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 26T RU4				
CH.165 5825 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11650	54.10	-2.58	V	51.52	73.98	22.46	PK
11650	41.12	-2.58	V	38.54	53.98	15.44	AV
17475	55.94	-0.63	V	55.31	68.20	12.89	PK
11650	53.50	-2.58	H	50.92	73.98	23.06	PK
11650	41.08	-2.58	H	38.50	53.98	15.48	AV
17475	55.29	-0.63	H	54.66	68.20	13.54	PK

Band : UNII 4			Operation Mode : 802.11ax_HE20 26T RU4				
CH.169 5845 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11690	53.03	-2.59	V	50.44	73.98	23.54	PK
11690	41.08	-2.59	V	38.49	53.98	15.49	AV
17535	55.77	-0.44	V	55.33	68.20	12.87	PK
11690	53.97	-2.59	H	51.38	73.98	22.60	PK
11690	41.40	-2.59	H	38.81	53.98	15.17	AV
17535	56.80	-0.44	H	56.36	68.20	11.84	PK

Band : UNII 4			Operation Mode : 802.11ax_HE20 26T RU4				
CH.173 5865 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11730	53.63	-2.94	V	50.69	73.98	23.29	PK
11730	40.99	-2.94	V	38.05	53.98	15.93	AV
17595	56.50	-0.09	V	56.41	68.20	11.79	PK
11730	54.09	-2.94	H	51.15	73.98	22.83	PK
11730	41.05	-2.94	H	38.11	53.98	15.87	AV
17595	56.78	-0.09	H	56.69	68.20	11.51	PK

Band : UNII 4			Operation Mode : 802.11ax_HE20 26T RU4				
CH.177 5885 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11770	53.89	-2.98	V	50.91	73.98	23.07	PK
11770	40.91	-2.98	V	37.93	53.98	16.05	AV
17655	56.72	0.50	V	57.22	68.20	10.98	PK
11770	54.30	-2.98	H	51.32	73.98	22.66	PK
11770	40.93	-2.98	H	37.95	53.98	16.03	AV
17655	56.53	0.50	H	57.03	68.20	11.17	PK

Band : UNII 1			Operation Mode : 802.11ax_HE40 SU				
CH.38 5190 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10380	55.43	-2.89	V	52.54	68.20	15.66	PK
15570	53.56	-2.95	V	50.61	73.98	23.37	PK
15570	42.04	-2.95	V	39.09	53.98	14.89	AV
10380	56.17	-2.89	H	53.28	68.20	14.92	PK
15570	54.20	-2.95	H	51.25	73.98	22.73	PK
15570	42.23	-2.95	H	39.28	53.98	14.70	AV

Band : UNII 1			Operation Mode : 802.11ax_HE40 SU				
CH.46 5230 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10460	55.26	-2.29	V	52.97	68.20	15.23	PK
15690	54.96	-3.82	V	51.14	73.98	22.84	PK
15690	43.07	-3.82	V	39.25	53.98	14.73	AV
10460	55.58	-2.29	H	53.29	68.20	14.91	PK
15690	54.96	-3.82	H	51.14	73.98	22.84	PK
15690	43.03	-3.82	H	39.21	53.98	14.77	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE40 SU				
CH.54 5270 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10540	54.85	-2.25	V	52.60	68.20	15.60	PK
15810	54.45	-3.53	V	50.92	73.98	23.06	PK
15810	41.94	-3.53	V	38.41	53.98	15.57	AV
10540	55.59	-2.25	H	53.34	68.20	14.86	PK
15810	54.84	-3.53	H	51.31	73.98	22.67	PK
15810	42.11	-3.53	H	38.58	53.98	15.40	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE40 SU				
CH.62 5310 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10620	54.65	-2.41	V	52.24	73.98	21.74	PK
10620	43.03	-2.41	V	40.62	53.98	13.36	AV
15930	53.09	-3.46	V	49.63	73.98	24.35	PK
15930	41.33	-3.46	V	37.87	53.98	16.11	AV
10620	54.73	-2.41	H	52.32	73.98	21.66	PK
10620	43.92	-2.41	H	41.51	53.98	12.47	AV
15930	53.61	-3.46	H	50.15	73.98	23.83	PK
15930	41.66	-3.46	H	38.20	53.98	15.78	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE40 SU				
CH.102 5510 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11020	54.82	-2.08	V	52.74	73.98	21.24	PK
11020	43.38	-2.08	V	41.30	53.98	12.68	AV
16530	53.21	-2.49	V	50.72	68.20	17.48	PK
11020	55.82	-2.08	H	53.74	73.98	20.24	PK
11020	43.64	-2.08	H	41.56	53.98	12.42	AV
16530	53.52	-2.49	H	51.03	68.20	17.17	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE40 SU				
CH.110 5550 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11100	53.57	-2.11	V	51.46	73.98	22.52	PK
11100	42.82	-2.11	V	40.71	53.98	13.27	AV
16650	53.44	-2.54	V	50.90	68.20	17.30	PK
11100	54.50	-2.11	H	52.39	73.98	21.59	PK
11100	42.69	-2.11	H	40.58	53.98	13.40	AV
16650	53.76	-2.54	H	51.22	68.20	16.98	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE40 SU				
CH.142 5710 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11420	53.28	-2.44	V	50.84	73.98	23.14	PK
11420	41.64	-2.44	V	39.20	53.98	14.78	AV
17130	54.25	-1.97	V	52.28	68.20	15.92	PK
11420	53.31	-2.44	H	50.87	73.98	23.11	PK
11420	41.47	-2.44	H	39.03	53.98	14.95	AV
17130	54.20	-1.97	H	52.23	68.20	15.97	PK

Band : UNII 3			Operation Mode : 802.11ax_HE40 SU				
CH.151 5755 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11510	53.34	-2.05	V	51.29	73.98	22.69	PK
11510	40.90	-2.05	V	38.85	53.98	15.13	AV
17265	55.11	-2.50	V	52.61	68.20	15.59	PK
11510	53.01	-2.05	H	50.96	73.98	23.02	PK
11510	41.06	-2.05	H	39.01	53.98	14.97	AV
17265	54.43	-2.50	H	51.93	68.20	16.27	PK

Band : UNII 3			Operation Mode : 802.11ax_HE40 SU				
CH.159 5795 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11590	53.61	-2.08	V	51.53	73.98	22.45	PK
11590	41.51	-2.08	V	39.43	53.98	14.55	AV
17385	54.23	-0.94	V	53.29	68.20	14.91	PK
11590	54.16	-2.08	H	52.08	73.98	21.90	PK
11590	41.73	-2.08	H	39.65	53.98	14.33	AV
17385	54.95	-0.94	H	54.01	68.20	14.19	PK

Band : UNII 4			Operation Mode : 802.11ax_HE40 SU				
CH.167 5835 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11670	53.58	-2.43	V	51.15	73.98	22.83	PK
11670	41.81	-2.43	V	39.38	53.98	14.60	AV
17505	55.78	-0.42	V	55.36	68.20	12.84	PK
11670	53.08	-2.43	H	50.65	73.98	23.33	PK
11670	41.99	-2.43	H	39.56	53.98	14.42	AV
17505	56.37	-0.42	H	55.95	68.20	12.25	PK

Band : UNII 4			Operation Mode : 802.11ax_HE40 SU				
CH.175 5875 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11750	53.51	-2.92	V	50.59	73.98	23.39	PK
11750	41.78	-2.92	V	38.86	53.98	15.12	AV
17625	56.97	0.13	V	57.10	68.20	11.10	PK
11750	54.15	-2.92	H	51.23	73.98	22.75	PK
11750	41.89	-2.92	H	38.97	53.98	15.01	AV
17625	57.46	0.13	H	57.59	68.20	10.61	PK

Band : UNII 1			Operation Mode : 802.11ax_HE40 26T RU9				
CH.38 5190 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10380	55.04	-2.89	V	52.15	68.20	16.05	PK
15570	53.56	-2.95	V	50.61	73.98	23.37	PK
15570	41.64	-2.95	V	38.69	53.98	15.29	AV
10380	55.79	-2.89	H	52.90	68.20	15.30	PK
15570	53.55	-2.95	H	50.60	73.98	23.38	PK
15570	41.82	-2.95	H	38.87	53.98	15.11	AV

Band : UNII 1			Operation Mode : 802.11ax_HE40 26T RU9				
CH.46 5230 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10460	55.49	-2.29	V	53.20	68.20	15.00	PK
15690	54.41	-3.82	V	50.59	73.98	23.39	PK
15690	42.97	-3.82	V	39.15	53.98	14.83	AV
10460	55.51	-2.29	H	53.22	68.20	14.98	PK
15690	54.76	-3.82	H	50.94	73.98	23.04	PK
15690	42.68	-3.82	H	38.86	53.98	15.12	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE40 26T RU9				
CH.54 5270 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10540	54.83	-2.25	V	52.58	68.20	15.62	PK
15810	54.17	-3.53	V	50.64	73.98	23.34	PK
15810	41.57	-3.53	V	38.04	53.98	15.94	AV
10540	54.80	-2.25	H	52.55	68.20	15.65	PK
15810	53.73	-3.53	H	50.20	73.98	23.78	PK
15810	41.82	-3.53	H	38.29	53.98	15.69	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE40 26T RU9				
CH.62 5310 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10620	55.67	-2.41	V	53.26	73.98	20.72	PK
10620	42.95	-2.41	V	40.54	53.98	13.44	AV
15930	54.07	-3.46	V	50.61	73.98	23.37	PK
15930	41.07	-3.46	V	37.61	53.98	16.37	AV
10620	54.74	-2.41	H	52.33	73.98	21.65	PK
10620	43.16	-2.41	H	40.75	53.98	13.23	AV
15930	53.72	-3.46	H	50.26	73.98	23.72	PK
15930	41.51	-3.46	H	38.05	53.98	15.93	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE40 26T RU9				
CH.102 5510 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11020	54.85	-2.08	V	52.77	73.98	21.21	PK
11020	43.11	-2.08	V	41.03	53.98	12.95	AV
16530	53.78	-2.49	V	51.29	68.20	16.91	PK
11020	55.41	-2.08	H	53.33	73.98	20.65	PK
11020	43.30	-2.08	H	41.22	53.98	12.76	AV
16530	53.32	-2.49	H	50.83	68.20	17.37	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE40 26T RU9				
CH.110 5550 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11100	53.88	-2.11	V	51.77	73.98	22.21	PK
11100	42.63	-2.11	V	40.52	53.98	13.46	AV
16650	53.36	-2.54	V	50.82	68.20	17.38	PK
11100	54.16	-2.11	H	52.05	73.98	21.93	PK
11100	42.65	-2.11	H	40.54	53.98	13.44	AV
16650	53.74	-2.54	H	51.20	68.20	17.00	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE40 26T RU9				
CH.142 5710 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11420	52.41	-2.44	V	49.97	73.98	24.01	PK
11420	41.19	-2.44	V	38.75	53.98	15.23	AV
17130	55.06	-1.97	V	53.09	68.20	15.11	PK
11420	53.55	-2.44	H	51.11	73.98	22.87	PK
11420	41.45	-2.44	H	39.01	53.98	14.97	AV
17130	54.70	-1.97	H	52.73	68.20	15.47	PK

Band : UNII 3			Operation Mode : 802.11ax_HE40 26T RU9				
CH.151 5755 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11510	53.19	-2.05	V	51.14	73.98	22.84	PK
11510	40.98	-2.05	V	38.93	53.98	15.05	AV
17265	54.26	-2.50	V	51.76	68.20	16.44	PK
11510	52.62	-2.05	H	50.57	73.98	23.41	PK
11510	41.01	-2.05	H	38.96	53.98	15.02	AV
17265	54.07	-2.50	H	51.57	68.20	16.63	PK

Band : UNII 3			Operation Mode : 802.11ax_HE40 26T RU9				
CH.159 5795 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11590	54.02	-2.08	V	51.94	73.98	22.04	PK
11590	41.55	-2.08	V	39.47	53.98	14.51	AV
17385	54.40	-0.94	V	53.46	68.20	14.74	PK
11590	53.25	-2.08	H	51.17	73.98	22.81	PK
11590	41.46	-2.08	H	39.38	53.98	14.60	AV
17385	54.75	-0.94	H	53.81	68.20	14.39	PK

Band : UNII 4			Operation Mode : 802.11ax_HE40 26T RU9				
CH.167 5835 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11670	53.76	-2.43	V	51.33	73.98	22.65	PK
11670	41.81	-2.43	V	39.38	53.98	14.60	AV
17505	55.37	-0.42	V	54.95	68.20	13.25	PK
11670	53.85	-2.43	H	51.42	73.98	22.56	PK
11670	42.30	-2.43	H	39.87	53.98	14.11	AV
17505	55.52	-0.42	H	55.10	68.20	13.10	PK

Band : UNII 4			Operation Mode : 802.11ax_HE40 26T RU9				
CH.175 5875 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11750	53.40	-2.92	V	50.48	73.98	23.50	PK
11750	41.66	-2.92	V	38.74	53.98	15.24	AV
17625	56.27	0.13	V	56.40	68.20	11.80	PK
11750	53.60	-2.92	H	50.68	73.98	23.30	PK
11750	41.77	-2.92	H	38.85	53.98	15.13	AV
17625	57.66	0.13	H	57.79	68.20	10.41	PK

Band : UNII 1			Operation Mode : 802.11ax_HE80 SU				
CH.42 5210 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10420	55.59	-2.43	V	53.16	68.20	15.04	PK
15630	54.75	-3.42	V	51.33	73.98	22.65	PK
15630	43.34	-3.42	V	39.92	53.98	14.06	AV
10420	55.66	-2.43	H	53.23	68.20	14.97	PK
15630	55.05	-3.42	H	51.63	73.98	22.35	PK
15630	44.01	-3.42	H	40.59	53.98	13.39	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE80 SU				
CH.58 5290 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10580	55.10	-2.41	V	52.69	68.20	15.51	PK
15870	53.40	-2.97	V	50.43	73.98	23.55	PK
15870	42.17	-2.97	V	39.20	53.98	14.78	AV
10580	54.97	-2.41	H	52.56	68.20	15.64	PK
15870	53.42	-2.97	H	50.45	73.98	23.53	PK
15870	42.21	-2.97	H	39.24	53.98	14.74	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE80 SU				
CH.106 5530 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11060	55.17	-2.26	V	52.91	73.98	21.07	PK
11060	43.61	-2.26	V	41.35	53.98	12.63	AV
16590	52.69	-2.62	V	50.07	68.20	18.13	PK
11060	54.79	-2.26	H	52.53	73.98	21.45	PK
11060	44.03	-2.26	H	41.77	53.98	12.21	AV
16590	53.42	-2.62	H	50.80	68.20	17.40	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE80 SU				
CH.122 5610 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11220	53.53	-2.91	V	50.62	73.98	23.36	PK
11220	42.91	-2.91	V	40.00	53.98	13.98	AV
16830	54.71	-1.65	V	53.06	68.20	15.14	PK
11220	53.69	-2.91	H	50.78	73.98	23.20	PK
11220	43.00	-2.91	H	40.09	53.98	13.89	AV
16830	55.00	-1.65	H	53.35	68.20	14.85	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE80 SU				
CH.138 5690 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11380	54.35	-2.66	V	51.69	73.98	22.29	PK
11380	42.27	-2.66	V	39.61	53.98	14.37	AV
17070	55.25	-2.26	V	52.99	68.20	15.21	PK
11380	52.96	-2.66	H	50.30	73.98	23.68	PK
11380	42.01	-2.66	H	39.35	53.98	14.63	AV
17070	55.13	-2.26	H	52.87	68.20	15.33	PK

Band : UNII 3			Operation Mode : 802.11ax_HE80 SU				
CH.155 5775 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11550	53.14	-2.35	V	50.79	73.98	23.19	PK
11550	42.72	-2.35	V	40.37	53.98	13.61	AV
17325	54.57	-1.79	V	52.78	68.20	15.42	PK
11550	53.78	-2.35	H	51.43	73.98	22.55	PK
11550	42.52	-2.35	H	40.17	53.98	13.81	AV
17325	54.04	-1.79	H	52.25	68.20	15.95	PK

Band : UNII 4			Operation Mode : 802.11ax_HE80 SU				
CH.171 5855 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11710	54.60	-2.88	V	51.72	73.98	22.26	PK
11710	42.89	-2.88	V	40.01	53.98	13.97	AV
17565	56.87	-0.31	V	56.56	68.20	11.64	PK
11710	53.49	-2.88	H	50.61	73.98	23.37	PK
11710	42.95	-2.88	H	40.07	53.98	13.91	AV
17565	56.25	-0.31	H	55.94	68.20	12.26	PK

Band : UNII 1			Operation Mode : 802.11ax_HE80 26T RU18				
CH.42 5210 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10420	55.91	-2.43	V	53.48	68.20	14.72	PK
15630	54.36	-3.42	V	50.94	73.98	23.04	PK
15630	43.18	-3.42	V	39.76	53.98	14.22	AV
10420	55.44	-2.43	H	53.01	68.20	15.19	PK
15630	55.50	-3.42	H	52.08	73.98	21.90	PK
15630	43.38	-3.42	H	39.96	53.98	14.02	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE80 26T RU18				
CH.58 5290 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10580	54.47	-2.41	V	52.06	68.20	16.14	PK
15870	53.51	-2.97	V	50.54	73.98	23.44	PK
15870	42.05	-2.97	V	39.08	53.98	14.90	AV
10580	54.66	-2.41	H	52.25	68.20	15.95	PK
15870	53.66	-2.97	H	50.69	73.98	23.29	PK
15870	42.18	-2.97	H	39.21	53.98	14.77	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE80 26T RU18				
CH.106 5530 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11060	54.87	-2.26	V	52.61	73.98	21.37	PK
11060	43.93	-2.26	V	41.67	53.98	12.31	AV
16590	52.87	-2.62	V	50.25	68.20	17.95	PK
11060	55.60	-2.26	H	53.34	73.98	20.64	PK
11060	44.01	-2.26	H	41.75	53.98	12.23	AV
16590	53.14	-2.62	H	50.52	68.20	17.68	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE80 26T RU18				
CH.122 5610 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11220	53.66	-2.91	V	50.75	73.98	23.23	PK
11220	42.49	-2.91	V	39.58	53.98	14.40	AV
16830	54.68	-1.65	V	53.03	68.20	15.17	PK
11220	53.57	-2.91	H	50.66	73.98	23.32	PK
11220	42.68	-2.91	H	39.77	53.98	14.21	AV
16830	54.98	-1.65	H	53.33	68.20	14.87	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE80 26T RU18				
CH.138 5690 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11380	52.86	-2.66	V	50.20	73.98	23.78	PK
11380	41.95	-2.66	V	39.29	53.98	14.69	AV
17070	54.87	-2.26	V	52.61	68.20	15.59	PK
11380	53.25	-2.66	H	50.59	73.98	23.39	PK
11380	42.24	-2.66	H	39.58	53.98	14.40	AV
17070	54.76	-2.26	H	52.50	68.20	15.70	PK

Band : UNII 3			Operation Mode : 802.11ax_HE80 26T RU18				
CH.155 5775 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11550	53.19	-2.35	V	50.84	73.98	23.14	PK
11550	41.95	-2.35	V	39.60	53.98	14.38	AV
17325	54.42	-1.79	V	52.63	68.20	15.57	PK
11550	53.72	-2.35	H	51.37	73.98	22.61	PK
11550	42.31	-2.35	H	39.96	53.98	14.02	AV
17325	54.15	-1.79	H	52.36	68.20	15.84	PK

Band : UNII 4			Operation Mode : 802.11ax_HE80 26T RU18				
CH.171 5855 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11710	53.92	-2.88	V	51.04	73.98	22.94	PK
11710	42.64	-2.88	V	39.76	53.98	14.22	AV
17565	56.65	-0.31	V	56.34	68.20	11.86	PK
11710	53.72	-2.88	H	50.84	73.98	23.14	PK
11710	43.29	-2.88	H	40.41	53.98	13.57	AV
17565	56.20	-0.31	H	55.89	68.20	12.31	PK

[Simultaneous transmission Scenario]

Bluetooth DH5_Ch.78 + Ant All(MIMO) 5 GHz 802.11ax(HE20)_Ch.177_SU

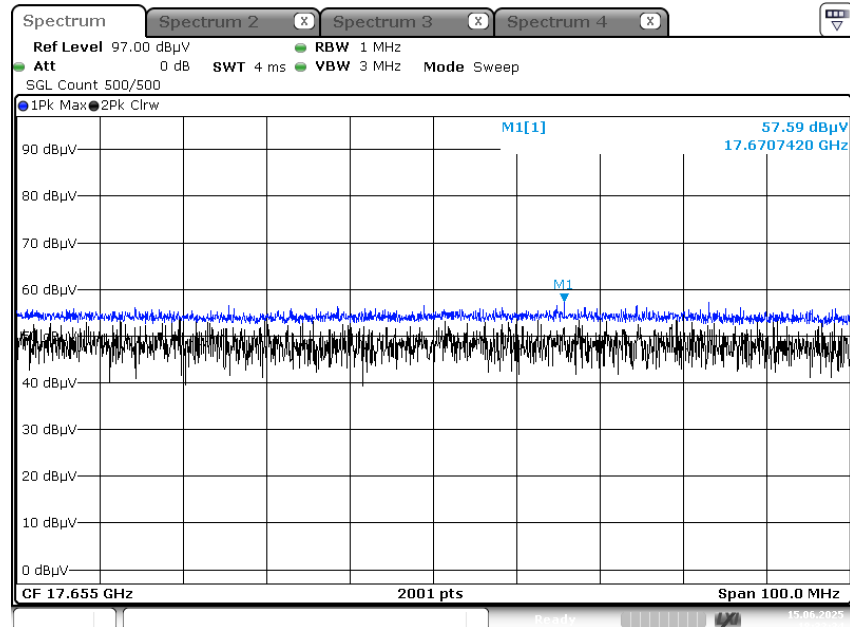
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11770	53.77	-2.98	V	50.79	73.98	23.19	PK
11770	41.33	-2.98	V	38.35	53.98	15.63	AV
17655	56.70	0.50	V	57.20	68.20	11.00	PK
11770	53.62	-2.98	H	50.64	73.98	23.34	PK
11770	41.25	-2.98	H	38.27	53.98	15.71	AV
17655	56.74	0.50	H	57.24	68.20	10.96	PK

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

Test Plots_[MIMO_SDM(Ant.1+ Ant.2)]

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

Radiated Spurious Emissions plot – Peak result (802.11ax(HE20)_Ch.177_SU, 3rd, Z-H)

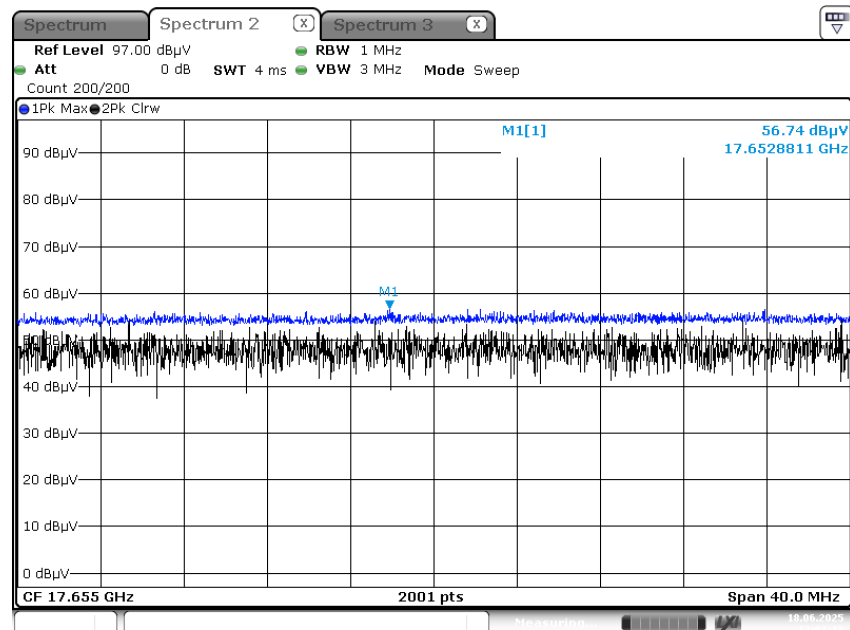


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[Simultaneous transmission Scenario]

Bluetooth DH5_Ch.78 + Ant All(MIMO) 5 GHz 802.11ax(HE20)_Ch.177_SU

Radiated Spurious Emissions plot – Peak result (3rd Spurious Emission, X-H)



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10.9 RADIATED RESTRICTED BAND EDGE

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

Operation Mode :	802.11ax_20	Tone & RU Index :	SU	MCS index :		MCS0
Channel No. :	36	Frequency :	5180 MHz	Band :		UNII-1
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	62.66	H	62.66	73.98	11.32	PK
5150	46.59	H	46.59	53.98	7.39	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	242T & 61	MCS index :		MCS0
Channel No. :	36	Frequency :	5180 MHz	Band :		UNII-1
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	64.81	H	64.81	73.98	9.17	PK
5150	46.45	H	46.45	53.98	7.53	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	106T & 53	MCS index :		MCS0
Channel No. :	36	Frequency :	5180 MHz	Band :		UNII-1
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	64.35	H	64.35	73.98	9.63	PK
5150	46.02	H	46.02	53.98	7.96	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	52T & 37	MCS index : MCS0		
Channel No. :	36	Frequency :	5180 MHz	Band : UNII-1		
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	63.07	H	63.07	73.98	10.91	PK
5150	46.01	H	46.01	53.98	7.97	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	26T & 0	MCS index :		MCS0
Channel No. :	36	Frequency :	5180 MHz	Band :		UNII-1
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	62.72	H	62.72	73.98	11.26	PK
5150	46.13	H	46.13	53.98	7.85	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	SU	MCS index :		MCS0
Channel No. :	38	Frequency :	5190 MHz	Band :		UNII-1
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	62.48	H	62.48	73.98	11.50	PK
5150	47.29	H	47.29	53.98	6.69	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	484T & 65	MCS index :		MCS0
Channel No. :	38	Frequency :	5190 MHz	Band :		UNII-1
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	61.92	H	61.92	73.98	12.06	PK
5150	47.16	H	47.16	53.98	6.82	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	242T & 61	MCS index :		MCS0
Channel No. :	38	Frequency :	5190 MHz	Band :		UNII-1
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	62.72	H	62.72	73.98	11.26	PK
5150	46.34	H	46.34	53.98	7.64	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	106T & 53	MCS index : MCS0		
Channel No. :	38	Frequency :	5190 MHz	Band : UNII-1		
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	61.18	H	61.18	73.98	12.80	PK
5150	45.96	H	45.96	53.98	8.02	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	52T & 37	MCS index :		MCS0
Channel No. :	38	Frequency :	5190 MHz	Band :		UNII-1
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	61.17	H	61.17	73.98	12.81	PK
5150	45.86	H	45.86	53.98	8.12	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	26T & 0	MCS index :		MCS0
Channel No. :	38	Frequency :	5190 MHz	Band :		UNII-1
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	60.97	H	60.97	73.98	13.01	PK
5150	45.88	H	45.88	53.98	8.10	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	SU	MCS index :		MCS0
Channel No. :	42	Frequency :	5210 MHz	Band :		UNII-1
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	60.62	H	60.62	73.98	13.36	PK
5150	47.72	H	47.72	53.98	6.26	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	996T & 67	MCS index :		MCS0
Channel No. :	42	Frequency :	5210 MHz	Band :		UNII-1
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	59.68	H	59.68	73.98	14.30	PK
5150	47.60	H	47.60	53.98	6.38	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	484T & 65	MCS index : MCS0		
Channel No. :	42	Frequency :	5210 MHz	Band : UNII-1		
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	59.22	H	59.22	73.98	14.76	PK
5150	46.87	H	46.87	53.98	7.11	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	242T & 61	MCS index :		MCS0
Channel No. :	42	Frequency :	5210 MHz	Band :		UNII-1
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	58.42	H	58.42	73.98	15.56	PK
5150	45.92	H	45.92	53.98	8.06	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	106T & 53	MCS index :		MCS0
Channel No. :	42	Frequency :	5210 MHz	Band :		UNII-1
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	58.63	H	58.63	73.98	15.35	PK
5150	45.52	H	45.52	53.98	8.46	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	52T & 37	MCS index :		MCS0
Channel No. :	42	Frequency :	5210 MHz	Band :		UNII-1
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	58.51	H	58.51	73.98	15.47	PK
5150	45.60	H	45.60	53.98	8.38	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	26T & 0	MCS index :		MCS0
Channel No. :	42	Frequency :	5210 MHz	Band :		UNII-1
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5150	58.86	H	58.86	73.98	15.12	PK
5150	45.69	H	45.69	53.98	8.29	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	SU	MCS index :		MCS0
Channel No. :	64	Frequency :	5320 MHz	Band :		UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	64.73	H	64.73	73.98	9.25	PK
5350	50.49	H	50.49	53.98	3.49	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	242T & 61	MCS index :		MCS0
Channel No. :	64	Frequency :	5320 MHz	Band :		UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	58.22	H	58.22	73.98	15.76	PK
5350	45.47	H	45.47	53.98	8.51	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	106T & 54	MCS index :		MCS0
Channel No. :	64	Frequency :	5320 MHz	Band :		UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	58.31	H	58.31	73.98	15.67	PK
5350	45.10	H	45.10	53.98	8.88	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	52T & 40	MCS index :		MCS0
Channel No. :	64	Frequency :	5320 MHz	Band :		UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	58.86	H	58.86	73.98	15.12	PK
5350	45.11	H	45.11	53.98	8.87	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	26T & 8	MCS index :		MCS0
Channel No. :	64	Frequency :	5320 MHz	Band :		UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	58.41	H	58.41	73.98	15.57	PK
5350	45.07	H	45.07	53.98	8.91	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	SU	MCS index : MCS0		
Channel No. :	62	Frequency :	5310 MHz	Band : UNII-2A		
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	65.30	H	65.30	73.98	8.68	PK
5350	51.81	H	51.81	53.98	2.17	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	484T & 65	MCS index :		MCS0
Channel No. :	62	Frequency :	5310 MHz	Band :		UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	58.36	H	58.36	73.98	15.62	PK
5350	46.17	H	46.17	53.98	7.81	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	242T & 62	MCS index :		MCS0
Channel No. :	62	Frequency :	5310 MHz	Band :		UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	58.88	H	58.88	73.98	15.10	PK
5350	45.40	H	45.40	53.98	8.58	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	106T & 56		MCS index :	MCS0
Channel No. :	62	Frequency :	5310 MHz		Band :	UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	58.21	H	58.21	73.98	15.77	PK
5350	45.00	H	45.00	53.98	8.98	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	52T & 44	MCS index :		MCS0
Channel No. :	62	Frequency :	5310 MHz	Band :		UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	58.56	H	58.56	73.98	15.42	PK
5350	44.93	H	44.93	53.98	9.05	AV

Operation Mode :	802.11ax_40	Tone & RU Index :	26T & 17	MCS index :		MCS0
Channel No. :	62	Frequency :	5310 MHz	Band :		UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	58.15	H	58.15	73.98	15.83	PK
5350	44.90	H	44.90	53.98	9.08	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	SU	MCS index :		MCS0
Channel No. :	58	Frequency :	5290 MHz	Band :		UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	58.70	H	58.70	73.98	15.28	PK
5350	47.47	H	47.47	53.98	6.51	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	996T & 67	MCS index :		MCS0
Channel No. :	58	Frequency :	5290 MHz	Band :		UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	57.56	H	57.56	73.98	16.42	PK
5350	46.29	H	46.29	53.98	7.69	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	484T & 66	MCS index :		MCS0
Channel No. :	58	Frequency :	5290 MHz	Band :		UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	57.65	H	57.65	73.98	16.33	PK
5350	45.46	H	45.46	53.98	8.52	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	242T & 64	MCS index :		MCS0
Channel No. :	58	Frequency :	5290 MHz	Band :		UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	58.20	H	58.20	73.98	15.78	PK
5350	44.83	H	44.83	53.98	9.15	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	106T & 60	MCS index : MCS0		
Channel No. :	58	Frequency :	5290 MHz	Band : UNII-2A		
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	57.98	H	57.98	73.98	16.00	PK
5350	44.25	H	44.25	53.98	9.73	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	52T & 52	MCS index :		MCS0
Channel No. :	58	Frequency :	5290 MHz	Band :		UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	58.44	H	58.44	73.98	15.54	PK
5350	44.87	H	44.87	53.98	9.11	AV

Operation Mode :	802.11ax_80	Tone & RU Index :	26T & 36	MCS index :		MCS0
Channel No. :	58	Frequency :	5290 MHz	Band :		UNII-2A
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5350	57.93	H	57.93	73.98	16.05	PK
5350	44.41	H	44.41	53.98	9.57	AV

Operation Mode :	802.11ax_20	Tone & RU Index :	SU	MCS index		MCS0
Channel No. :	100	Frequency :	5500 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	63.13	H	63.13	73.98	10.85	PK
5460	50.48	H	50.48	53.98	3.50	AV
5470	64.18	H	64.18	68.20	4.02	PK

Operation Mode :	802.11ax_20	Tone & RU Index :	242T & 61	MCS index		MCS0
Channel No. :	100	Frequency :	5500 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	57.80	H	57.80	73.98	16.18	PK
5460	45.39	H	45.39	53.98	8.59	AV
5470	57.94	H	57.94	68.20	10.26	PK

Operation Mode :	802.11ax_20	Tone & RU Index :	106T & 53	MCS index		MCS0
Channel No. :	100	Frequency :	5500 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	60.85	H	60.85	73.98	13.13	PK
5460	47.33	H	47.33	53.98	6.65	AV
5470	60.00	H	60.00	68.20	8.20	PK

Operation Mode :	802.11ax_20	Tone & RU Index :	52T & 37	MCS index		MCS0
Channel No. :	100	Frequency :	5500 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	60.38	H	60.38	73.98	13.60	PK
5460	47.33	H	47.33	53.98	6.65	AV
5470	60.17	H	60.17	68.20	8.03	PK

Operation Mode :	802.11ax_20	Tone & RU Index :	26T & 0	MCS index		MCS0
Channel No. :	100	Frequency :	5500 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	61.49	H	61.49	73.98	12.49	PK
5460	47.50	H	47.50	53.98	6.48	AV
5470	59.78	H	59.78	68.20	8.42	PK

Operation Mode :	802.11ax_40	Tone & RU Index :	SU	MCS index		MCS0
Channel No. :	102	Frequency :	5510 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	63.00	H	63.00	73.98	10.98	PK
#5460	50.05	H	50.05	53.98	3.93	AV
5470	64.43	H	64.43	68.20	3.77	PK

Note : integration method Used (ANSI C63.10 Section 11.13.3)

Operation Mode :	802.11ax_40	Tone & RU Index :	484T & 65	MCS index		MCS0
Channel No. :	102	Frequency :	5510 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	60.63	H	60.63	73.98	13.35	PK
5460	48.45	H	48.45	53.98	5.53	AV
5470	59.95	H	59.95	68.20	8.25	PK

Operation Mode :	802.11ax_40	Tone & RU Index :	242T & 61	MCS index		MCS0
Channel No. :	102	Frequency :	5510 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	60.42	H	60.42	73.98	13.56	PK
5460	47.67	H	47.67	53.98	6.31	AV
5470	60.41	H	60.41	68.20	7.79	PK

Operation Mode :	802.11ax_40	Tone & RU Index :	106T & 53	MCS index		MCS0
Channel No. :	102	Frequency :	5510 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	60.58	H	60.58	73.98	13.40	PK
5460	47.26	H	47.26	53.98	6.72	AV
5470	59.58	H	59.58	68.20	8.62	PK

Operation Mode :	802.11ax_40	Tone & RU Index :	52T & 37	MCS index		MCS0
Channel No. :	102	Frequency :	5510 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	60.82	H	60.82	73.98	13.16	PK
5460	47.27	H	47.27	53.98	6.71	AV
5470	60.30	H	60.30	68.20	7.90	PK

Operation Mode :	802.11ax_40	Tone & RU Index :	26T & 0	MCS index		MCS0
Channel No. :	102	Frequency :	5510 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	60.21	H	60.21	73.98	13.77	PK
5460	47.24	H	47.24	53.98	6.74	AV
5470	60.53	H	60.53	68.20	7.67	PK

Operation Mode :	802.11ax_80	Tone & RU Index :	SU	MCS index		MCS0
Channel No. :	106	Frequency :	5530 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	61.01	H	61.01	73.98	12.97	PK
5460	49.95	H	49.95	53.98	4.03	AV
5470	61.78	H	61.78	68.20	6.42	PK

Operation Mode :	802.11ax_80	Tone & RU Index :	996T & 67	MCS index		MCS0
Channel No. :	106	Frequency :	5530 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	59.53	H	59.53	73.98	14.45	PK
5460	48.74	H	48.74	53.98	5.24	AV
5470	60.32	H	60.32	68.20	7.88	PK

Operation Mode :	802.11ax_80	Tone & RU Index :	484T & 65	MCS index		MCS0
Channel No. :	106	Frequency :	5530 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	59.48	H	59.48	73.98	14.50	PK
5460	47.92	H	47.92	53.98	6.06	AV
5470	60.33	H	60.33	68.20	7.87	PK

Operation Mode :	802.11ax_80	Tone & RU Index :	242T & 61	MCS index		MCS0
Channel No. :	106	Frequency :	5530 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	59.62	H	59.62	73.98	14.36	PK
5460	47.22	H	47.22	53.98	6.76	AV
5470	60.18	H	60.18	68.20	8.02	PK

Operation Mode :	802.11ax_80	Tone & RU Index :	106T & 53	MCS index		MCS0
Channel No. :	106	Frequency :	5530 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	59.44	H	59.44	73.98	14.54	PK
5460	47.08	H	47.08	53.98	6.90	AV
5470	60.44	H	60.44	68.20	7.76	PK

Operation Mode :	802.11ax_80	Tone & RU Index :	52T & 37	MCS index		MCS0
Channel No. :	106	Frequency :	5530 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	60.32	H	60.32	73.98	13.66	PK
5460	47.45	H	47.45	53.98	6.53	AV
5470	61.12	H	61.12	68.20	7.08	PK

Operation Mode :	802.11ax_80	Tone & RU Index :	26T & 0	MCS index		MCS0
Channel No. :	106	Frequency :	5530 MHz	Band :		UNII-2C
Frequency [MHz]	Measured Value [dBμv]	ANT. POL [H/V]	Total [dBμv/m]	Limit [dBμv/m]	Margin [dB]	Measurement Type
5460	59.66	H	59.66	73.98	14.32	PK
5460	47.58	H	47.58	53.98	6.40	AV
5470	60.32	H	60.32	68.20	7.88	PK

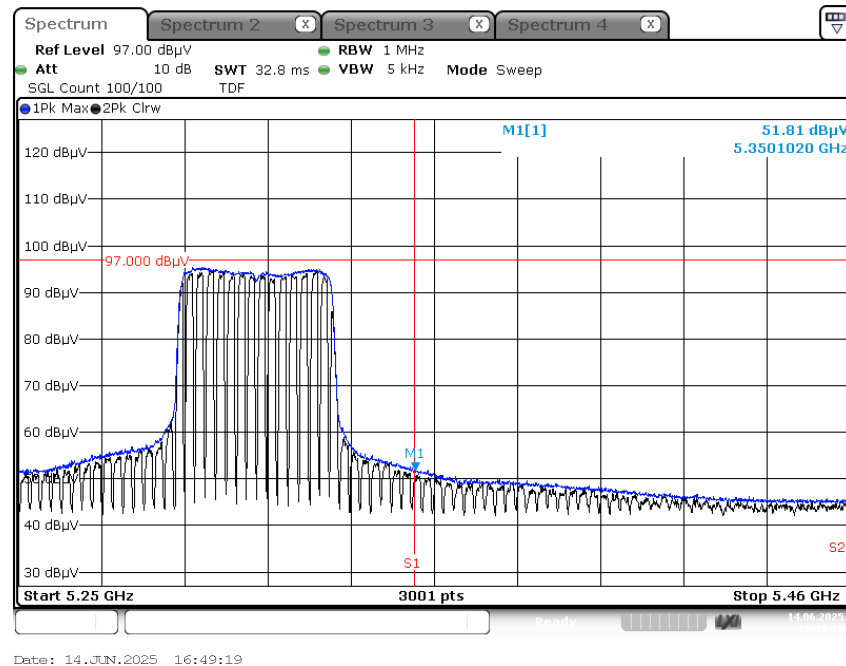
Note:

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

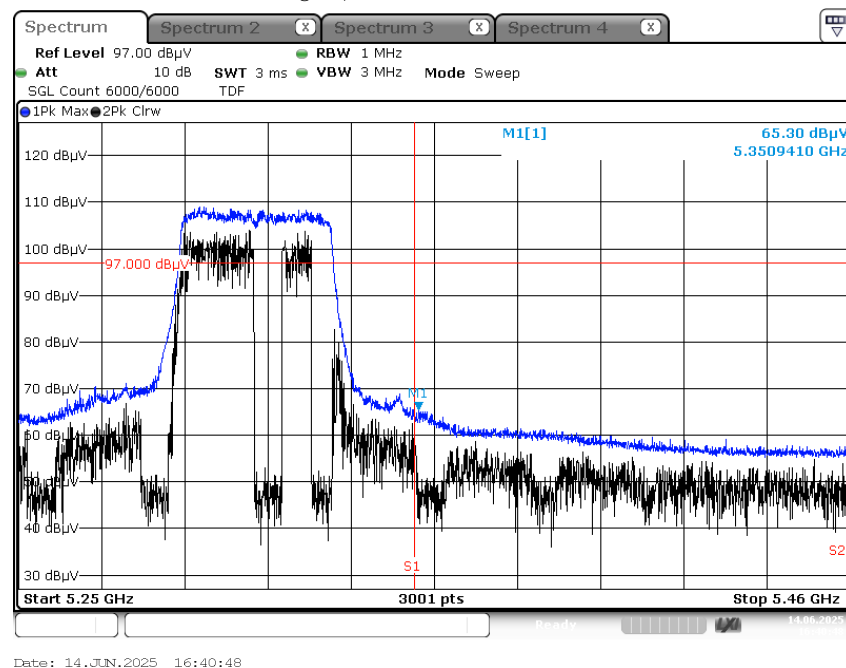
In order to simplify the report, We only have attached Bandedge result of worst case.

▣ Test Plots(UNII 1, 2A, 2C),
[MIMO_SDM(Ant.1+ Ant.2)]

Radiated Restricted Band Edges plot - Average result (802.11ax(HE40) SU, Ch.62, X-H)



Radiated Restricted Band Edges plot - Peak result (802.11ax(HE40) SU, Ch.62, X-H)

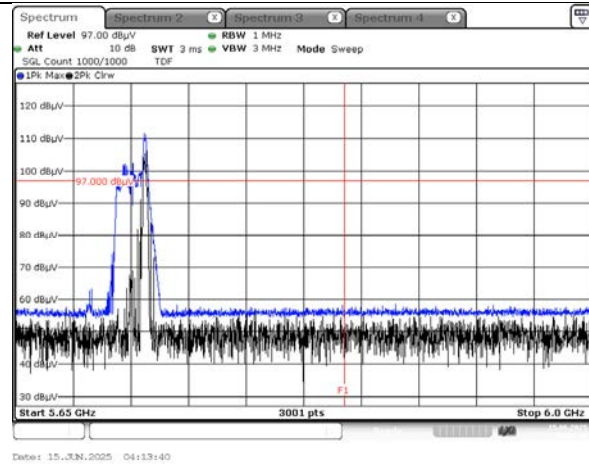


Note:

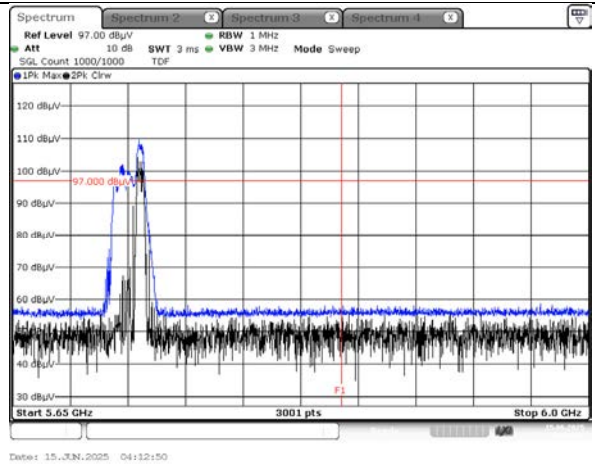
Only the worst case plots for Radiated Restricted Band Edge.

■ Test Plots(Straddle Channel)_Upper edge
[MIMO_SDM(Ant.1+ Ant.2)]

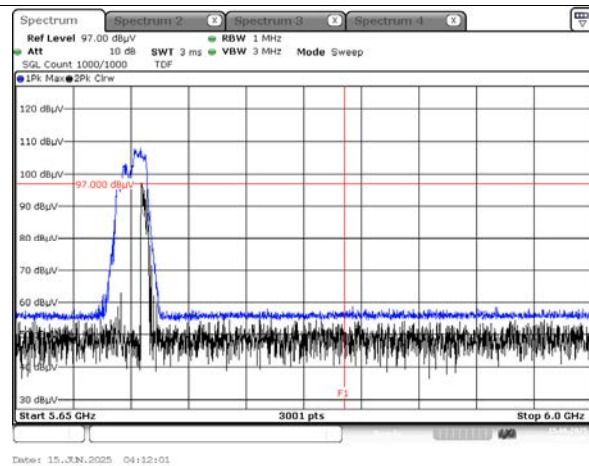
Peak result (802.11ax(HE20) Ch.144, 26T RU 8)



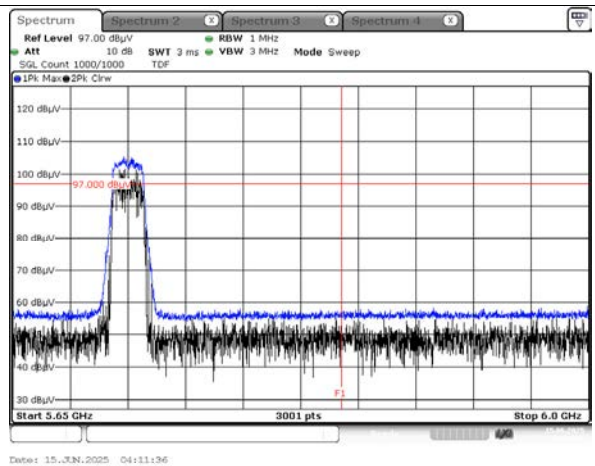
Peak result (802.11ax(HE20) Ch.144, 52T RU 40)



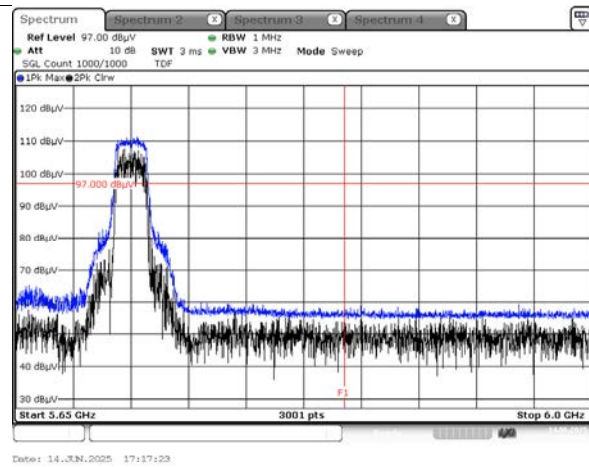
Peak result (802.11ax(HE20) Ch.144, 106T RU 54)



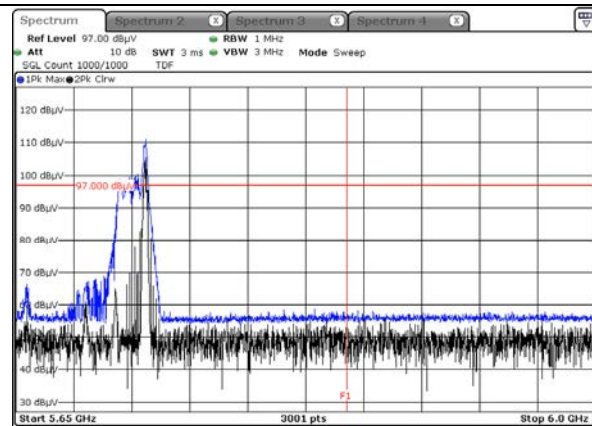
Peak result (802.11ax(HE20) Ch.144, 242T RU 61)



Peak result (802.11ax(HE20) Ch.144, SU)

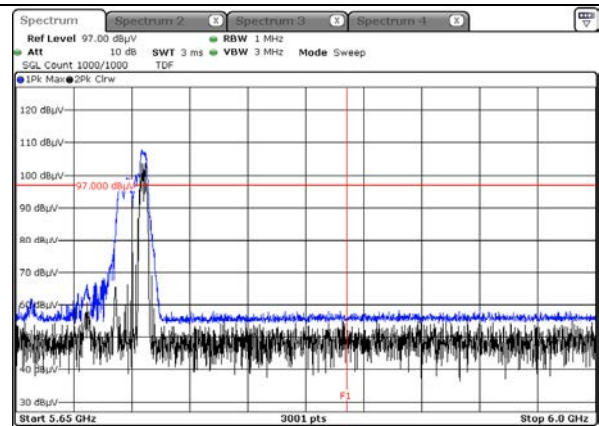


Peak result (802.11ax(HE40) Ch.142, 26T RU 17)



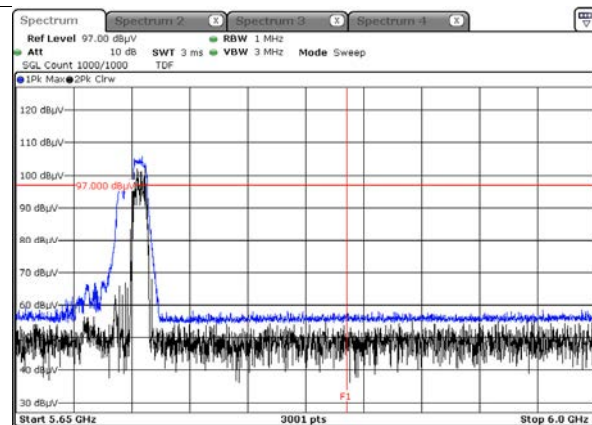
Date: 15.JUN.2025 04:21:19

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



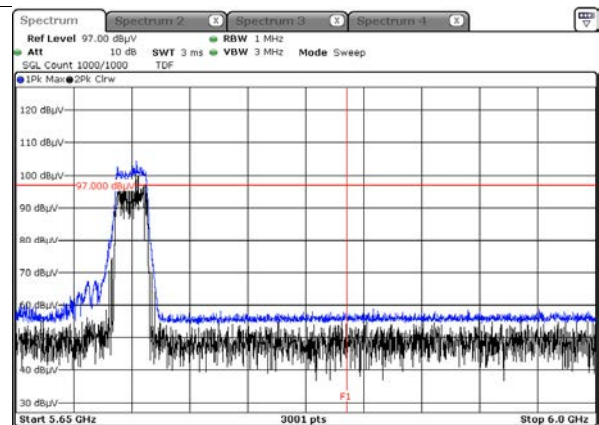
Date: 15.JUN.2025 04:20:29

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



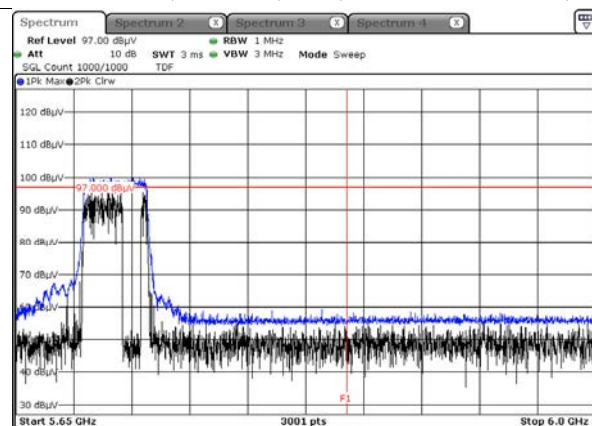
Date: 15.JUN.2025 04:19:40

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



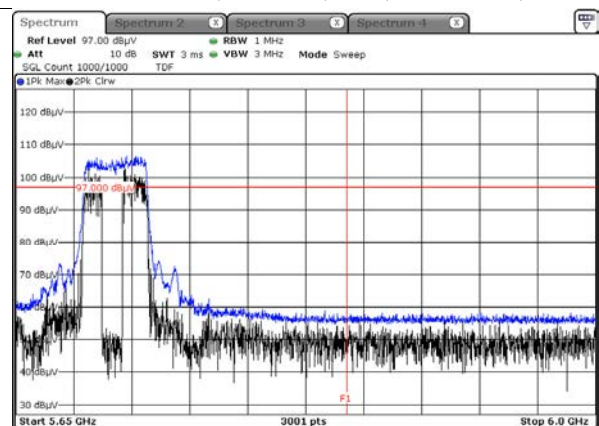
Date: 15.JUN.2025 04:18:50

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



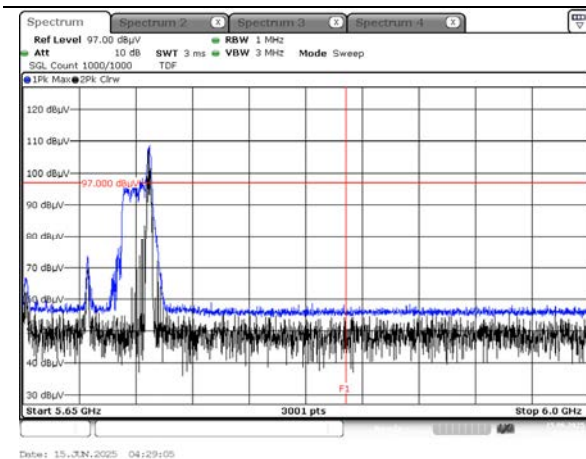
Date: 15.JUN.2025 04:18:07

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

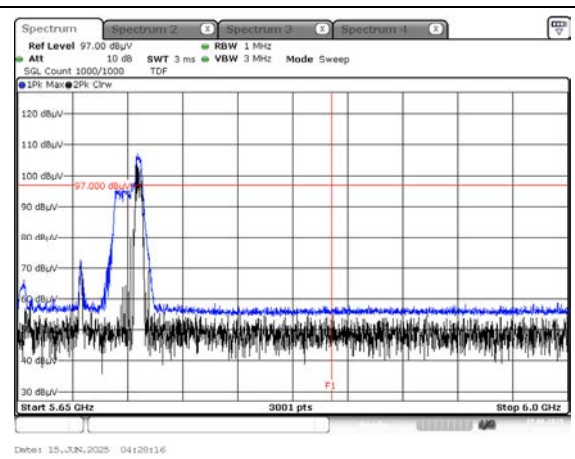


Date: 14.JUN.2025 17:21:19

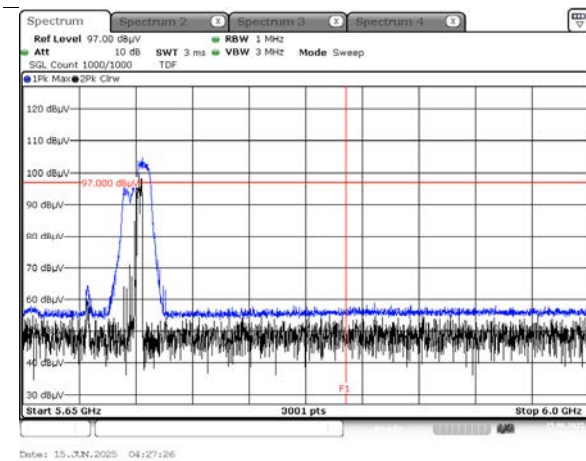
Peak result (802.11ax(HE80) Ch.138, 26T RU 36)



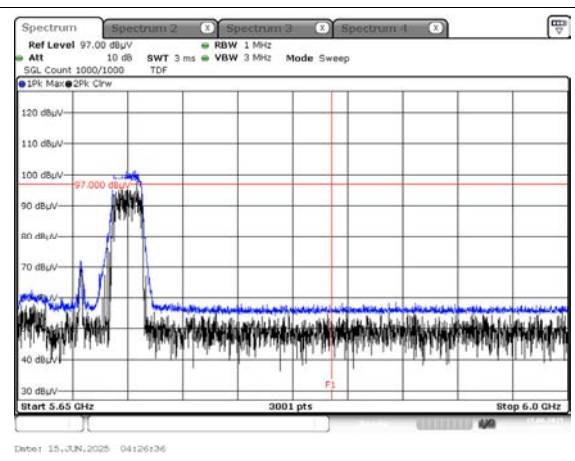
Peak result (802.11ax(HE80) Ch.138, 52T RU 52)



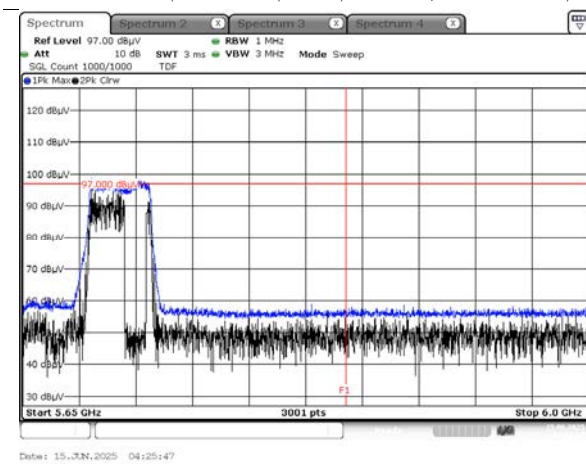
Peak result (802.11ax(HE80) Ch.138, 106T RU 60)



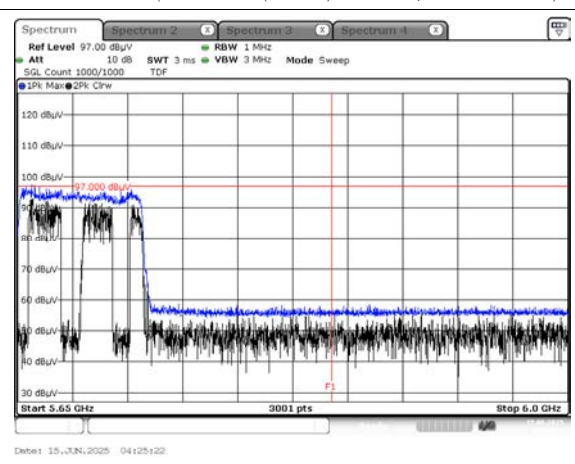
Peak result (802.11ax(HE80) Ch.138, 242T RU 64)



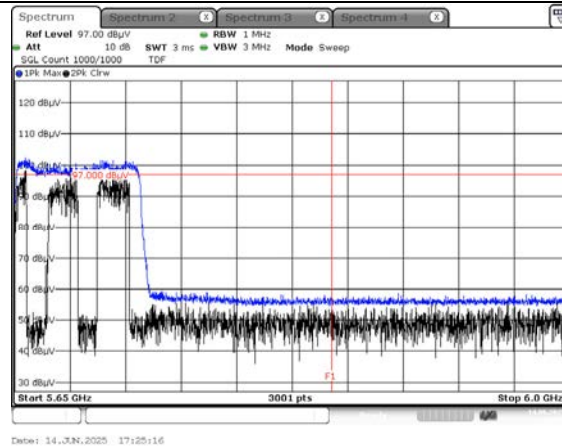
Peak result (802.11ax(HE80) Ch.138, 484T RU 66)



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



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



Note :

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