

TEST REPORT

FCC UNII ax Test for SM-F761U
Certification

APPLICANT
SAMSUNG Electronics Co., Ltd.

REPORT NO.
HCT-RF-2504-FC046-R1

DATE OF ISSUE
May 7, 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

TEST REPORT

REPORT NO.

HCT-RF-2504-FC046-R1

DATE OF ISSUE

May 07, 2025

Additional Model

SM-F761U1

Applicant

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

Product Name

Mobile Phone

Model Name

SM-F761U

FCC ID

A3LSMF761U

Date of Test

February 24, 2025 ~ April 29, 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	April 29, 2025	Initial Release
1	May 07, 2025	Page 165, Typo.

Notice

Content

Engineering Statement:

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

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

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

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

Information provided by the applicant is marked **.

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

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

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

CONTENTS

1. GENERAL INFORMATION	5
EUT DESCRIPTION	5
ANTENNA CONFIGURATIONS	6
2. MAXIMUM OUTPUT POWER	8
3. TEST METHODOLOGY	9
EUT CONFIGURATION	9
EUT EXERCISE	9
GENERAL TEST PROCEDURES	9
DESCRIPTION OF TEST MODES	10
4. INSTRUMENT CALIBRATION	10
5. FACILITIES AND ACCREDITATIONS	10
5.1 FACILITIES	10
5.2 EQUIPMENT	10
6. ANTENNA REQUIREMENTS	11
7. MEASUREMENT UNCERTAINTY	11
8. DESCRIPTION OF TESTS	12
9. SUMMARY OF TEST RESULTS	32
10. TEST RESULT	33
10.1 DUTY CYCLE	33
10.2 26 dB BANDWIDTH & 99% BANDWIDTH	40
10.2.1 Ant.1	40
10.2.2 Ant.2	47
10.3 6 dB BANDWIDTH	57
10.3.1 Ant.1	57
10.3.2 Ant.2	60
10.4 OUTPUT POWER MEASUREMENT	65
10.4.1 MIMO_CDD(Ant.1+ Ant.2)	66
10.5 POWER SPECTRAL DENSITY	73
10.5.1 MIMO_CDD(Ant.1+Ant.2)	74
10.6 STRADDLE CHANNEL	84
10.6.1 Ant.1	85
10.6.2 Ant.2	87
10.7 RADIATED SPURIOUS EMISSIONS (9 kHz – 1 GHz)	97
10.8 RADIATED SPURIOUS EMISSIONS (Above 1 GHz)	98
10.9 RADIATED RESTRICTED BAND EDGE	116
11. LIST OF TESTEQUIPMENT	164
12. ANNEX A_ TEST SETUP PHOTO	166

1. GENERAL INFORMATION

EUT DESCRIPTION

Model	SM-F761U	
Additional Model	SM-F761U1	
EUT Type	Mobile Phone	
Power Supply	DC 3.88 V	
Modulation Type	OFDMA,OFDM	
Frequency Range (MHz)	U-NII-1	20 MHz BW : 5180 - 5240 40 MHz BW : 5190 - 5230 80 MHz BW : 5210 160 MHz BW : 5250
	U-NII-2A	20 MHz BW : 5260 - 5320 40 MHz BW : 5270 - 5310 80 MHz BW : 5290 160 MHz BW : 5250
	U-NII-2C	20 MHz BW : 5500 - 5720 40 MHz BW : 5510 - 5710 80 MHz BW : 5530 - 5690 160 MHz BW : 5570
	U-NII-3	20 MHz BW : 5745 - 5825 40 MHz BW : 5755 - 5795 80 MHz BW : 5775 160 MHz BW : 5815
	U-NII-4	20 MHz BW : 5845 - 5885 40 MHz BW : 5835 - 5875 80 MHz BW : 5855 160 MHz BW : 5815
Straddle channel	Supported	
TDWR Band	Supported	
Dynamic Frequency Selection	Slave without radar detection	
Antenna Specification	Type: Metal	
Serial number	Conducted : R3CY20BSAVT Radiated : R3CY20BS1NA	

ANTENNA CONFIGURATIONS

1. Antenna configuration

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

Note:

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

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

Simultaneous transmission Scenario	2.4 GHz WiFi Ant.1	2.4 GHz WiFi Ant.2	5 GHz WiFi Ant.1	5 GHz WiFi Ant.2	6 GHz WiFi Ant.1	6 GHz WiFi Ant.2	BT Ant.1	BT Ant.2	Test Case
Dual Bluetooth + 5 GHz WiFi MIMO			on	on			on	on	Scenario1
Dual Bluetooth + 6 GHz WiFi MIMO					on	on	on	on	
2.4 GHz WiFi MIMO + 5 GHz WiFi MIMO	on	on	on	on					Scenario2
2.4 GHz WiFi MIMO + 6 GHz WiFi MIMO	on	on			on	on			
Bluetooth ANT.1 + 2.4 GHz WiFi ANT.2 + 5 GHz WiFi MIMO		on	on	on			on		Scenario3
Bluetooth ANT.1 + 2.4 GHz WiFi ANT.2 + 6 GHz WiFi MIMO		on			on	on	on		

3. Directional Gain Calculation

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

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

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

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

Note

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

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

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

Sample Calculation (Conducted Power, MIMO):

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

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

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

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

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

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

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

2. MAXIMUM OUTPUT POWER

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

Band	Mode	MIMO_CDD(Ant.1+ Ant.2)					
		Ant.1 Power		Ant.2 Power		(Ant.1 + Ant.2) Power	
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)
UNII1	802.11ax(HE20)	15.35	0.034	15.17	0.033	18.27	0.067
	802.11ax(HE40)	15.26	0.034	15.09	0.032	18.19	0.066
	802.11ax(HE80)	14.74	0.030	14.80	0.030	17.78	0.060
UNII2A	802.11ax(HE20)	15.40	0.035	15.23	0.033	18.33	0.068
	802.11ax(HE40)	15.33	0.034	15.17	0.033	18.26	0.067
	802.11ax(HE80)	14.82	0.030	14.84	0.030	17.84	0.061
UNII1&2A	802.11ax(HE160)	14.80	0.030	14.80	0.030	17.81	0.060
UNII2C	802.11ax(HE20)	15.43	0.035	15.32	0.034	18.39	0.069
	802.11ax(HE40)	15.54	0.036	15.49	0.035	18.53	0.071
	802.11ax(HE80)	15.27	0.034	15.02	0.032	18.16	0.065
	802.11ax(HE160)	14.31	0.027	15.01	0.032	17.68	0.059
UNII3	802.11ax(HE20)	15.45	0.035	15.52	0.036	18.49	0.071
	802.11ax(HE40)	15.32	0.034	15.38	0.035	18.36	0.069
	802.11ax(HE80)	14.90	0.031	14.87	0.031	17.90	0.062
UNII4	802.11ax(HE20)	15.56	0.036	15.48	0.035	18.53	0.071
	802.11ax(HE40)	15.52	0.036	15.53	0.036	18.53	0.071
	802.11ax(HE80)	15.10	0.032	15.24	0.033	18.18	0.066
UNII3&4	802.11ax(HE160)	14.98	0.031	15.16	0.033	18.08	0.064

Band	Mode	MIMO_CDD(Ant.1+ Ant.2)			
		(Ant.1 + Ant.2) Power		(Ant.1 + Ant.2) EIRP Power	
		(dBm)	ANTGain(dBi)	(dBm)	(W)
UNII4	802.11ax(HE20)	18.53	-3.29	15.24	0.033
	802.11ax(HE40)	18.53	-3.29	15.25	0.033
	802.11ax(HE80)	18.18	-3.29	14.90	0.031
UNII4	802.11ax(HE160)	18.08	-3.29	14.79	0.030

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.

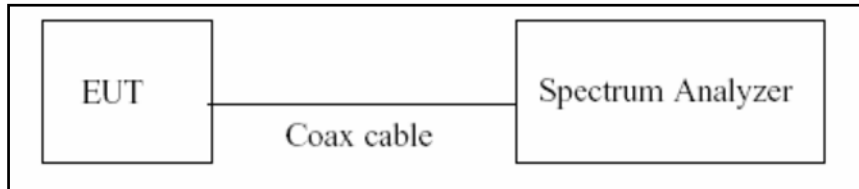
Parameter	Expanded Uncertainty ($\pm$ kHz)
X dB, 99% Bandwidth	95 (Confidence level about 95 %, $k=2$)
Frequency stability	28 (Confidence level about 95 %, $k=2$)

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.

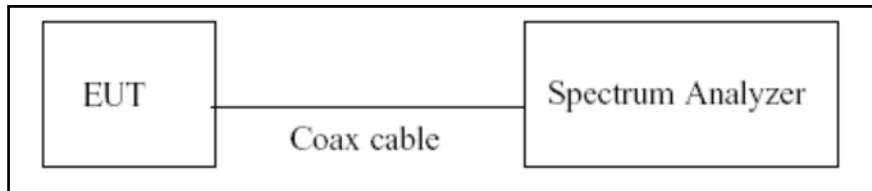
1. RBW = 8 MHz (the largest available value)
2. VBW = 8 MHz ($\geq$ RBW)
3. SPAN = 0 Hz
4. Detector = Peak
5. Number of points in sweep > 100
6. Trace mode = Clear write
7. Measure T_{total} and T_{on}
8. Calculate Duty Cycle = $T_{\text{on}} / T_{\text{total}}$ and Duty Cycle Factor = $10\log(1/\text{Duty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

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.

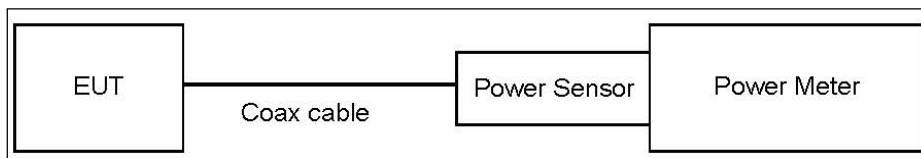
8.3. Output Power Measurement

Limit

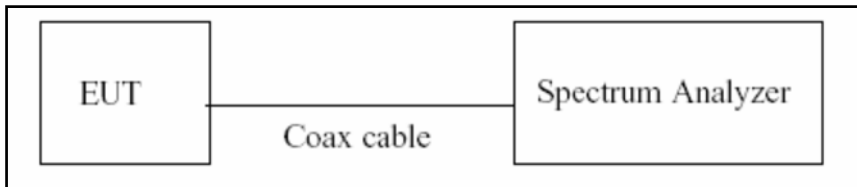
Band	Limit
UNII 1	- Master : Not exceed 1 W(=30 dBm) - Slave : Not exceed 250 mW(=23.98 dBm)
UNII 2A, 2C	Not exceed the lesser of 250 mW or 11 dBm + 10 log B, (where B is the 26 dB emission bandwidth in megahertz.)
UNII 3	Not exceed 1 W(=30 dBm)
UNII 4	EIRP 30 dBm

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

Ant.1 : Attenuator loss(10 dB) + Cable loss + EUT Cable Loss(0.5 dB)

Ant.2 : Attenuator loss(10 dB) + Cable loss

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

Band	Ant.1 Loss(dB)	Ant.2 Loss(dB)
UNII 1	11.30	10.80
UNII 2A	11.30	10.80
UNII 2C	11.30	10.80
UNII 3&4	11.30	10.80

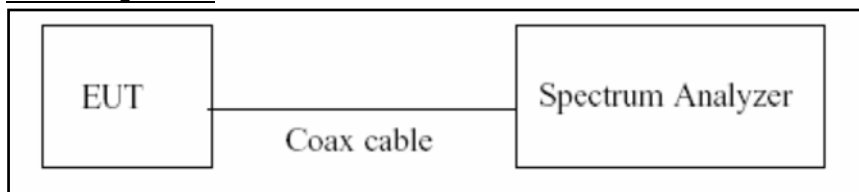
(Actual value of loss for the attenuator and cable combination)

8.4. Power Spectral Density

Limit

Band	Limit
UNII 1	11 dBm/MHz
UNII 2A, 2C	11 dBm/MHz
UNII 3	30 dBm/500 kHz
UNII 4	EIRP 14 dBm/MHz

Test Configuration



Test Procedure

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

1. Set span to encompass the entire emission bandwidth(EBW) of the signal.
2. RBW = 1 MHz(510 kHz for UNII 3)
3. VBW $\geq$ 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

Ant.1 : Attenuator loss(10 dB) + Cable loss + EUT Cable Loss(0.5 dB)

Ant.2 : Attenuator loss(10 dB) + Cable loss

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

Band	Ant.1 Loss(dB)	Ant.2 Loss(dB)
UNII 1	11.30	10.80
UNII 2A	11.30	10.80
UNII 2C	11.30	10.80
UNII 3&4	11.30	10.80

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

8.5. AC Power line Conducted Emissions

Limit

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

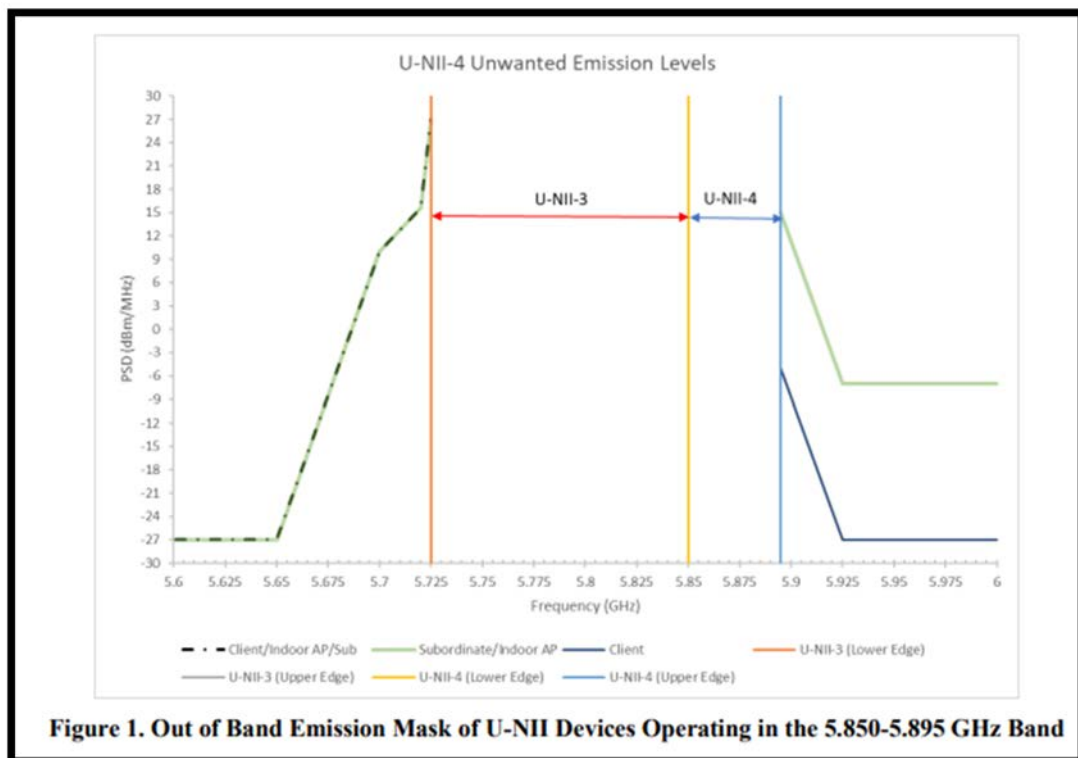
1. UNII 1: All emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.
2. UNII 2A, 2C: All emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.
3. UNII 3: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or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

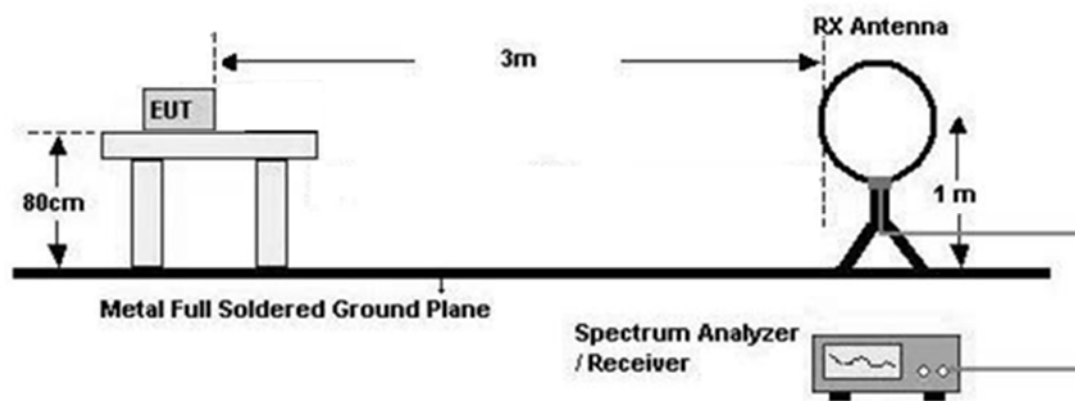


5. All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Section 15.209.

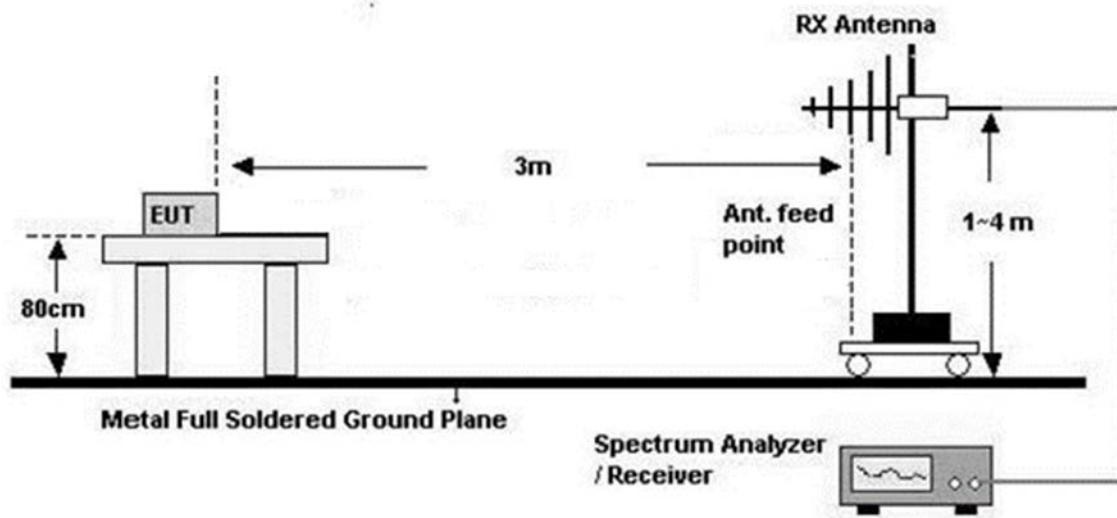
Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (m)
0.009 – 0.490	$2400/F(\text{kHz})$	300
0.490 – 1.705	$24000/F(\text{kHz})$	30
1.705 – 30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Test Configuration

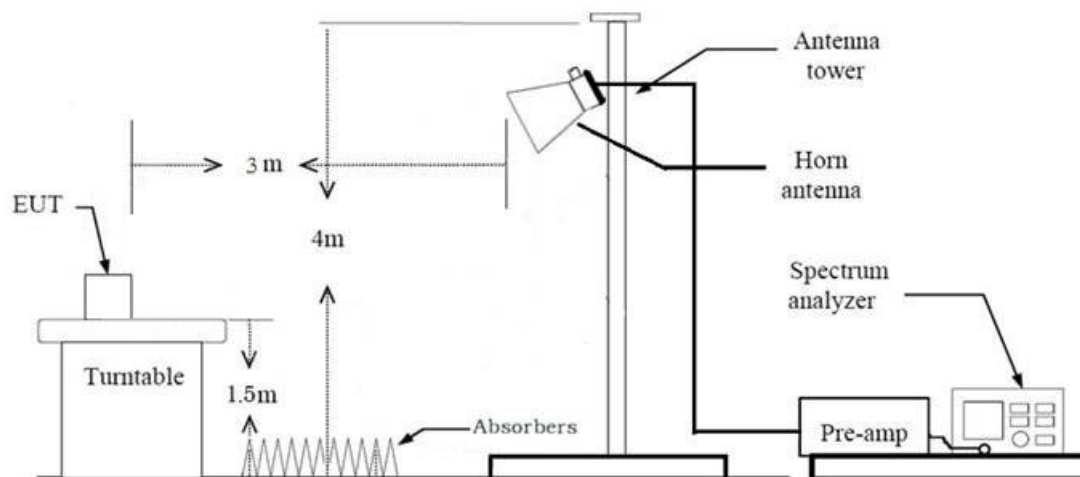
Below 30 MHz



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) = $VBW \leq RBW/100$ (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. 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

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	0.995	0.020	0.218	1 000
	52	MCS0	0.996	0.019	0.219	1 000
	106	MCS0	0.994	0.026	0.401	1 000
	242	MCS0	0.986	0.061	0.890	1 000
802.11ax (HE40)	26	MCS0	0.995	0.020	0.218	1 000
	52	MCS0	0.995	0.020	0.219	1 000
	106	MCS0	0.992	0.034	0.402	1 000
	242	MCS0	0.986	0.063	0.890	1 000
	484	MCS0	0.973	0.119	1.645	2 000
802.11ax (HE80)	26	MCS0	0.997	0.014	0.218	1 000
	52	MCS0	0.996	0.019	0.219	1 000
	106	MCS0	0.992	0.033	0.402	1 000
	242	MCS0	0.985	0.067	0.891	1 000
	484	MCS0	0.973	0.118	1.645	2 000
	996	MCS0	0.973	0.120	1.667	2 000
802.11ax (HE160)	26	MCS0	0.996	0.019	0.219	1 000
	52	MCS0	0.997	0.014	0.219	1 000
	106	MCS0	0.992	0.033	0.402	1 000
	242	MCS0	0.984	0.068	0.891	1 000
	484	MCS0	0.972	0.124	1.647	2 000
	996	MCS0	0.974	0.115	1.665	2 000
	2x996	MCS0	0.996	0.016	0.184	1 000
802.11ax (SU)	BW 20	MCS0	0.986	0.063	0.890	1 000
	BW 40	MCS0	0.973	0.119	1.645	2 000
	BW 80	MCS0	0.974	0.114	1.664	2 000
	BW 160	MCS0	0.996	0.016	0.184	1 000

8.7. Test RU for Tones

BW (MHz)	Tones (T)	RU offset	Test RU offset		
			Low	Mid	High
20	26	0~8	0	4	8
	52	37~40	37	38	40
	106	53~54	53	-	54
	242	61	-	61	-
40	26	0~17	0	9	17
	52	37~44	37	41	44
	106	53~56	53	54	56
	242	61~62	61	-	62
	484	65	-	65	-
80	26	0~36	0	19	36
	52	37~52	37	45	52
	106	53~60	53	57	60
	242	61~64	61	62	64
	484	65~66	65	-	66
	996	67	-	67	-
160	26	0~36	0	19	36
	52	37~52	37	45	52
	106	53~60	53	57	60
	242	61~64	61	62	64
	484	65~66	65	-	66
	996	67	-	67	-
	2x996	68	-	68	-

8.8. Worst case configuration and mode

Conducted test

1. All data rate of operation were investigated and the worst case results are reported.
 - HE20, HE40, HE80, HE160 : MCS0
2. SM-F761U, SM-F761U1 were tested and the worst case results are reported.
(Worst case: SM-F761U)

Radiated test

1. All modes of operation were investigated and the worst case configuration results are reported.
 - Mode : Stand alone, Stand alone + External accessories(Earphone, etc)
 - Worstcase : Stand alone
2. The EUT was tested in three modes(Open, Half-open, Closed), the worst case configuration results are reported.
 - Radiated Spurious Emissions Worst case : Open mode
 - Radiated Restricted Band Edge : Open mode
3. All data rate of operation were investigated and the worst case results are reported.
(Worst case : MCS0)
4. All Antenna of operation were investigated and the worst case results are reported
 - Antenna Operation Type : SISO, MIMO_CDD(Ant.1+Ant.2), MIMO_SDM(Ant.1+Ant.2)
 - Worstcase : MIMO_CDD(Ant.1+Ant.2)
5. EUT Axis
 - Radiated Spurious Emissions: X
 - Radiated Restricted Band Edge : X
6. All position of loop antenna were investigated and the test result is a no critical peak found at all positions.
 - Position : Horizontal, Vertical, Parallel to the ground plane
7. All mode(Tone, RU Offset) of operation were investigated and the worst case configuration results are reported
8. SM-F761U, SM-F761U1 were tested and the worst case results are reported.
(Worst case: SM-F761U)

AC Power line Conducted Emissions

1. Please refer to the [UNII] Test Report.
2. SM-F761U, SM-F761U1 were tested and the worst case results are reported.
(Worst case: SM-F761U)

[RSE Worst case]

Test	BW (MHz)	Tones (T)	Offset
RSE	20	26	4
		SU	-
	40	26	9
		484	65
	80	26	18
		996	67
	160	26 (160(80L))	18
		2x996	68

[Bandedge Worst case]

Test	BW (MHz)	Tones (T)	Offset	
			Lower	Upper
Bandedge	20	26	0	8
		52	37	40
		106	53	54
		242	61	61
		SU	-	-
	40	26	0	17
		52	37	44
		106	53	56
		242	61	62
		484	65	65
		SU	-	-
	80	26	0	36
		52	37	52
		106	53	60
		242	61	64
		484	65	66
		996	67	67
		SU	-	-
	160(80L)	26	0	-
		52	37	-
		106	53	-
		242	61	-
		484	65	-
		996	67	-
		996*2	68	-
		SU	-	-
	160(80U)	26	-	36

Test	BW (MHz)	Tones (T)	Offset	
			Lower	Upper
		52	-	52
		106	-	60
		242	-	64
		484	-	66
		996	-	67
		996*2	-	68
		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 : Y, Z

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

Simultaneous transmission Scenario	2.4 GHz WiFi Ant.1	2.4 GHz WiFi Ant.2	5 GHz WiFi Ant.1	5 GHz WiFi Ant.2	6 GHz WiFi Ant.1	6 GHz WiFi Ant.2	BT Ant.1	BT Ant.2	Test Case
Dual Bluetooth + 5 GHz WiFi MIMO			on	on			on	on	Scenario1
Dual Bluetooth + 6 GHz WiFi MIMO					on	on	on	on	
2.4 GHz WiFi MIMO + 5 GHz WiFi MIMO	on	on	on	on					Scenario2
2.4 GHz WiFi MIMO + 6 GHz WiFi MIMO	on	on			on	on			
Bluetooth ANT.1 + 2.4 GHz WiFi ANT.2 + 5 GHz WiFi MIMO		on	on	on			on		Scenario3
Bluetooth ANT.1 + 2.4 GHz WiFi ANT.2 + 6 GHz WiFi MIMO		on			on	on	on		

4. The RSDB mode test investigated both intermodulation and radiated spurious emissions.

And the worst results were reported.

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

- Radiated spurious emissions: cf. Section 10.6.2.

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

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

Scenario 1	Description	Bluetooth Emission	5 GHz Emission
Dual Bluetooth + 5 GHz WiFi MIMO	Antenna	Dual ANT	Ant All
	Channel	39	177
	Data Rate	1 Mbps	MCS0
	Mode	GFSK	802.11ax(HE20)
	Tone/RU	-	SU

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

Scenario 2	Description	2.4GHz Emission	5 GHz Emission
2.4 GHz WiFi MIMO + 5 GHz WiFi MIMO	Antenna	Ant All	Ant All
	Channel	6	177
	Data Rate	1 Mbps	MCS0
	Mode	802.11b	802.11ax(HE20)
	Tone/RU	-	SU

Note : DTS Simultaneous transmission Data refer to [DTS] Test Report

Scenario 3	Description	Bluetooth Emission	2.4GHz Emission	5 GHz Emission
Bluetooth ANT.1 + 2.4 GHz WiFi ANT.2 + 5 GHz WiFi MIMO	Antenna	ANT1	ANT2	Ant All
	Channel	78	6	177
	Data Rate	1 Mbps	1 Mbps	MCS0
	Mode	GFSK	802.11b	802.11ax(HE20)
	Tone/RU	-	-	SU

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

6. SM-F761U, SM-F761U1 were tested and the worst case results are reported.

(Worst case: SM-F761U)

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

Mode	Tone	Worst Data rate (Mbps)	T _{on} (ms)	T _{total} (ms)	Duty Cycle	Duty Cycle Factor (dB)
802.11ax (HE20)	26	MCS0	4.578	4.599	0.995	0.020
	52	MCS0	4.570	4.590	0.996	0.019
	106	MCS0	2.493	2.508	0.994	0.026
	242	MCS0	1.124	1.140	0.986	0.061
802.11ax (HE40)	26	MCS0	4.578	4.599	0.995	0.020
	52	MCS0	4.565	4.586	0.995	0.020
	106	MCS0	2.489	2.509	0.992	0.034
	242	MCS0	1.124	1.140	0.986	0.063
	484	MCS0	0.608	0.625	0.973	0.119
802.11ax (HE80)	26	MCS0	4.580	4.595	0.997	0.014
	52	MCS0	4.565	4.585	0.996	0.019
	106	MCS0	2.490	2.509	0.992	0.033
	242	MCS0	1.123	1.140	0.985	0.067
	484	MCS0	0.608	0.625	0.973	0.118
	996	MCS0	0.600	0.617	0.973	0.120
802.11ax (HE160)	26	MCS0	4.575	4.595	0.996	0.019
	52	MCS0	4.570	4.585	0.997	0.014
	106	MCS0	2.490	2.509	0.992	0.033
	242	MCS0	1.122	1.140	0.984	0.068
	484	MCS0	0.607	0.625	0.972	0.124
	996	MCS0	0.601	0.617	0.974	0.115
	2x996	MCS0	5.447	5.467	0.996	0.016
802.11ax (SU)	BW 20	MCS0	1.124	1.140	0.986	0.063
	BW 40	MCS0	0.608	0.625	0.973	0.119
	BW 80	MCS0	0.601	0.617	0.974	0.114
	BW 160	MCS0	5.442	5.462	0.996	0.016

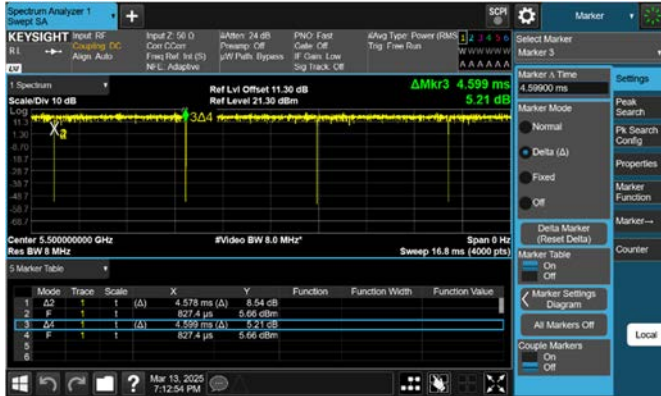
Note:

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

Test Plots

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

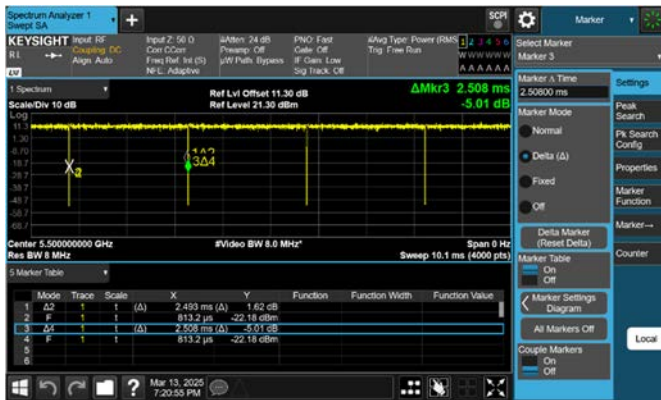
26Tone MCS0



52Tone MCS0



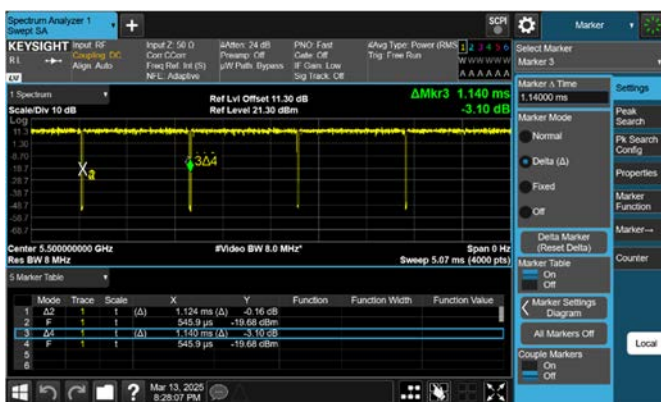
106Tone MCS0



242Tone MCS0

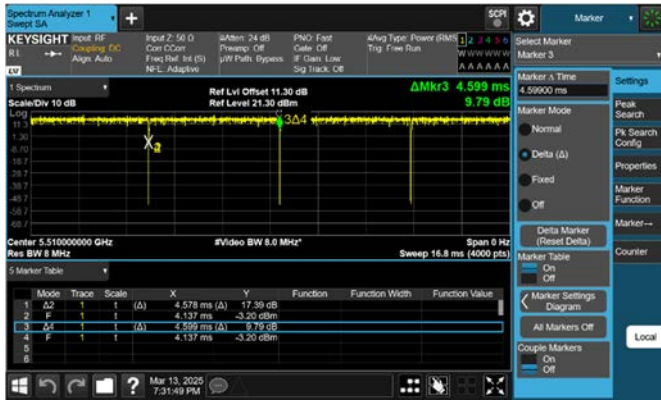


SU MCS0

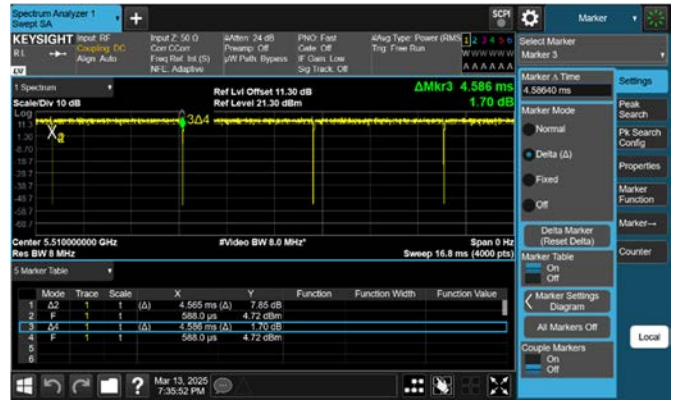


Test Plots(Bandwidth 40M Ch.102(5510 MHz))

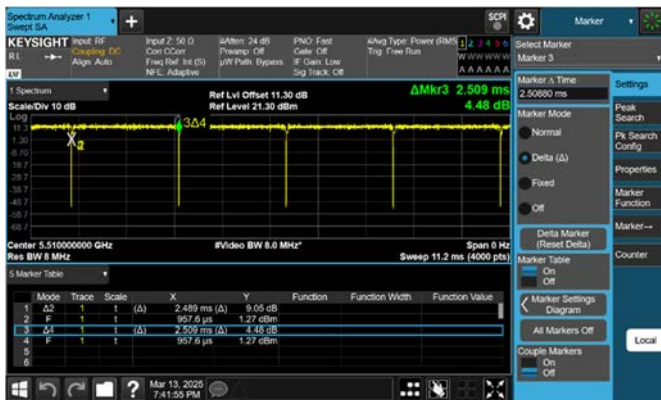
26Tone MCS0



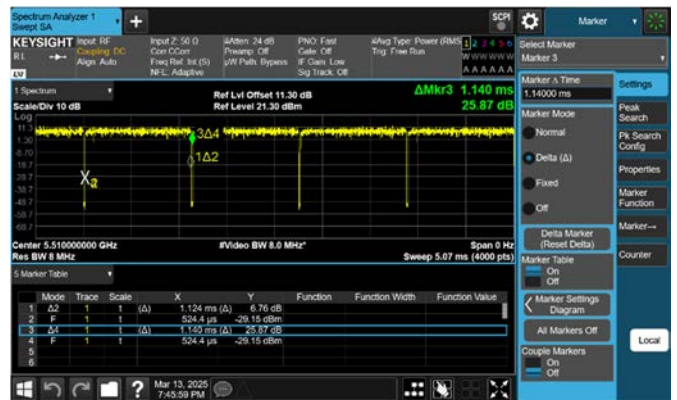
52Tone MCS0



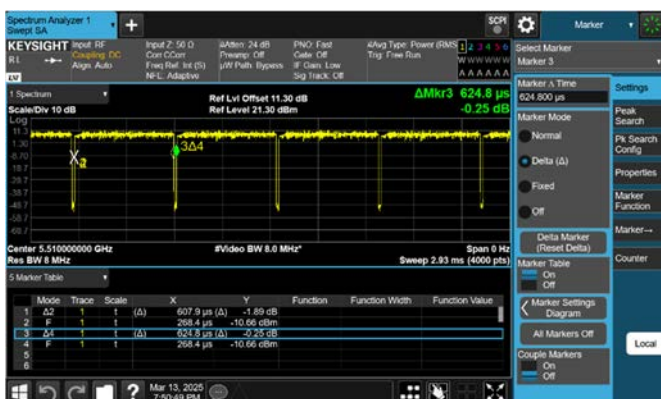
106Tone MCS0



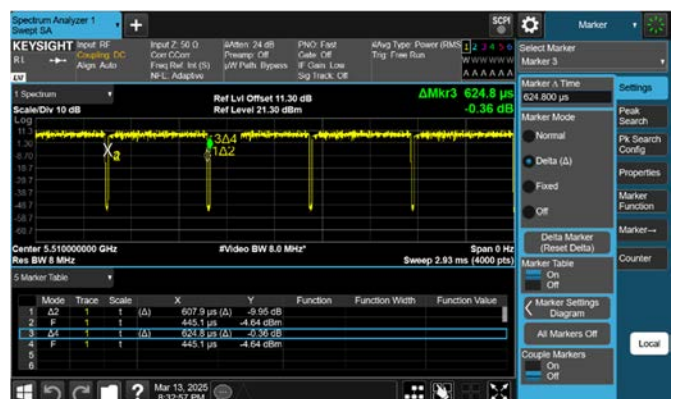
242Tone MCS0



484Tone MCS0

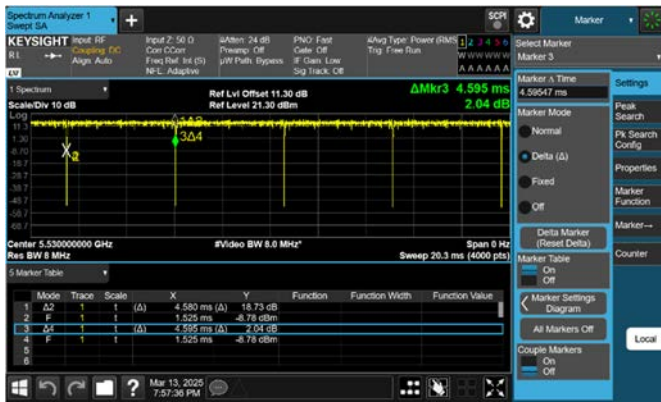


SU

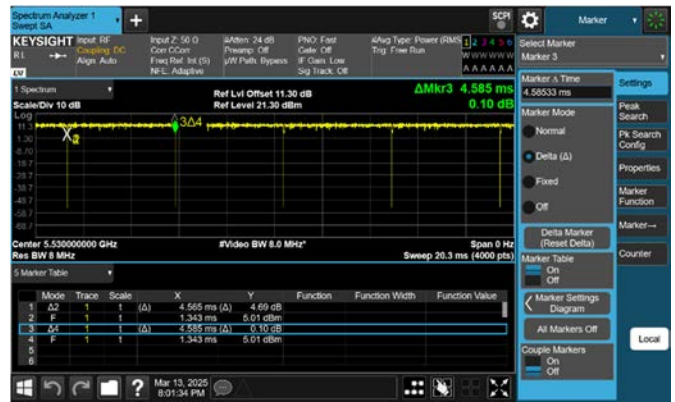


Test Plots(Bandwidth 80M Ch.106(5530 MHz))

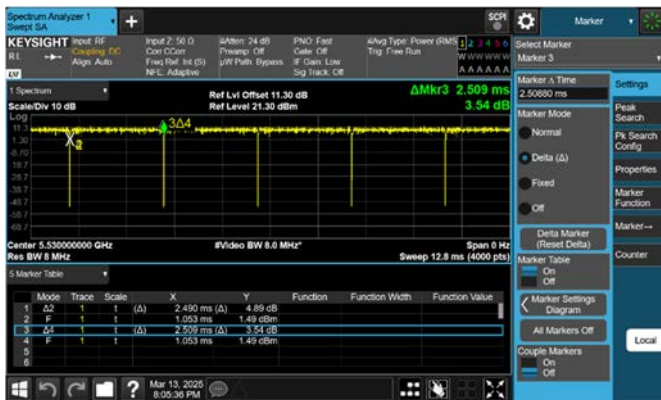
26Tone MCS0



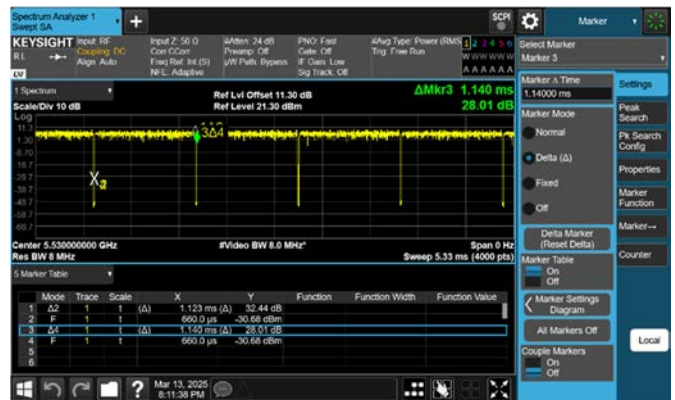
52Tone MCS0



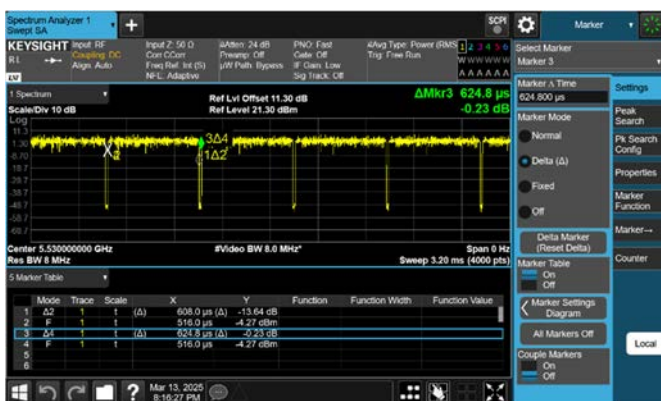
106Tone MCS0



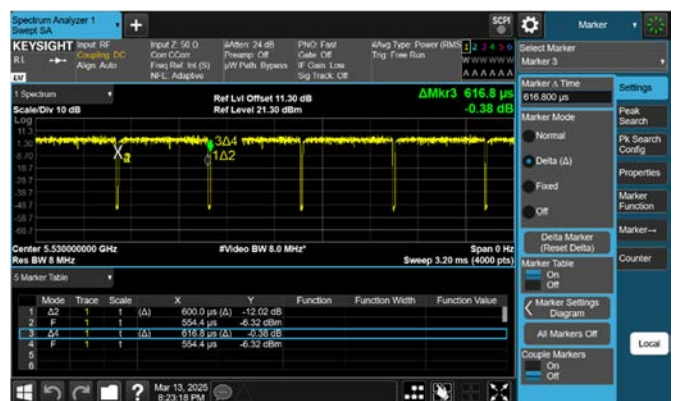
242Tone MCS0



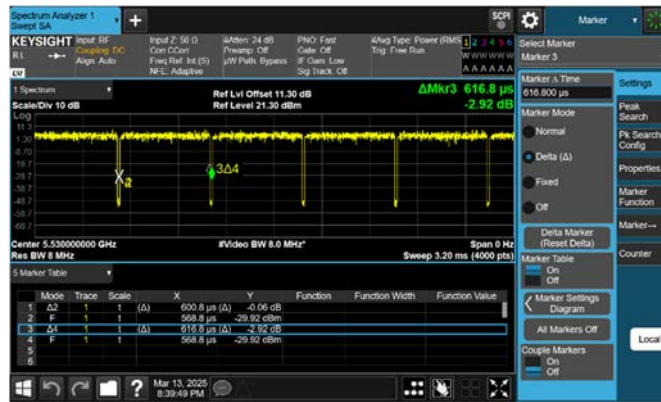
484Tone MCS0



996Tone MCS0

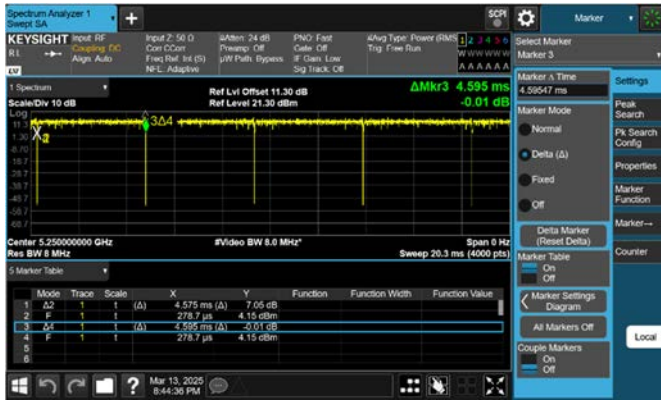


SU

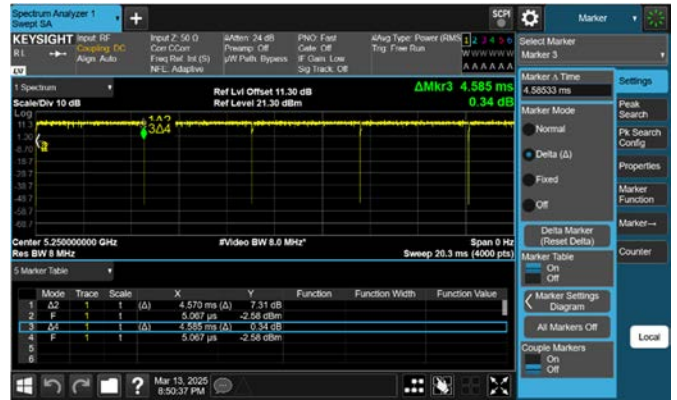


Test Plots(Bandwidth 160M Ch.50(5250 MHz))

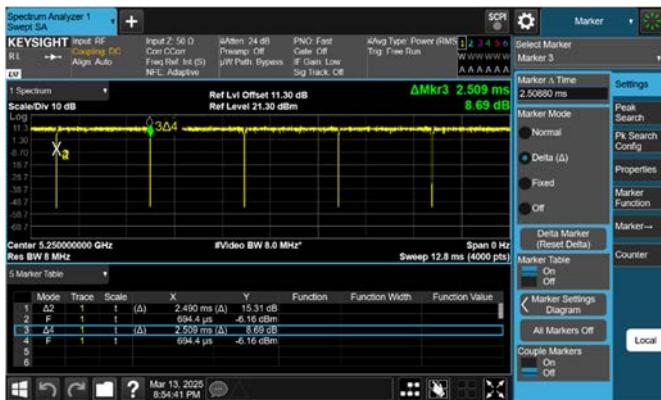
26Tone MCS0



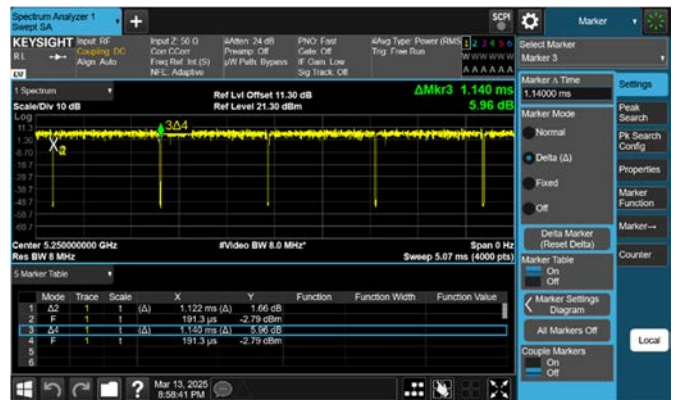
52Tone MCS0



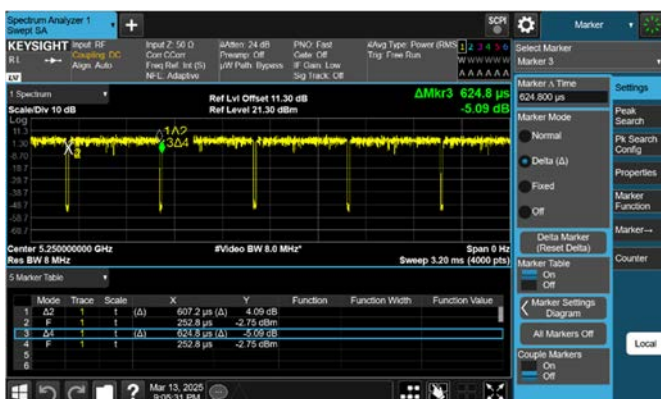
106Tone MCS0



242Tone MCS0



484Tone MCS0

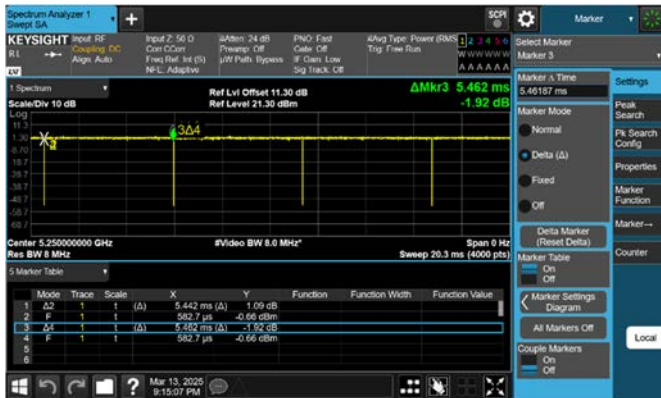


996Tone MCS0



SU

2x996Tone MCS0



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

10.2 26 dB BANDWIDTH & 99% BANDWIDTH

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

Straddle channel data were added in section 10.6.1.

10.2.1 Ant.1

Mode : HE20 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	19.75	18.43	19.60	18.19	17.09	18.26
	5200	40	19.78	18.40	19.76	18.23	17.10	18.24
	5240	48	19.68	18.42	19.77	18.26	17.14	18.28
UNII2A	5260	52	19.72	18.42	19.68	18.25	17.13	18.26
	5300	60	19.74	18.41	19.72	18.25	17.15	18.31
	5320	64	19.93	18.42	19.70	18.27	17.14	18.20
UNII2C	5500	100	19.75	18.39	19.66	18.25	17.12	18.28
	5580	116	19.73	18.38	19.72	18.29	17.11	18.25
	5720	144	19.87	18.43	19.73	18.31	17.13	18.25
UNII3	5745	149	19.77	18.40	19.74	18.24	17.15	18.26
	5785	157	19.75	18.42	19.64	18.27	17.07	18.26
	5825	165	19.76	18.35	19.71	18.24	17.13	18.27
UNII4	5845	169	19.70	18.43	19.72	18.26	17.14	18.27
	5865	173	19.76	18.38	19.62	18.25	17.15	18.20
	5885	177	19.77	18.43	19.68	18.22	17.15	18.27

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	20.09	18.78	20.06	18.23	17.14	18.25
	5200	40	20.16	18.71	20.07	18.23	17.18	18.18
	5240	48	20.12	18.75	19.99	18.24	17.17	18.21
UNII2A	5260	52	20.12	18.71	20.06	18.25	17.13	18.23
	5300	60	20.10	18.75	19.98	18.24	17.09	18.24
	5320	64	20.10	18.75	20.09	18.22	17.18	18.21
UNII2C	5500	100	20.07	18.78	20.07	18.24	17.16	18.20
	5580	116	20.06	18.78	20.02	18.24	17.13	18.22
	5720	144	20.11	18.79	20.07	18.24	17.16	18.20
UNII3	5745	149	20.08	18.71	20.05	18.25	17.17	18.16
	5785	157	19.87	18.80	20.11	18.23	17.13	18.24
	5825	165	20.00	18.68	20.11	18.24	17.14	18.23
UNII4	5845	169	20.14	18.76	20.10	18.23	17.13	18.23
	5865	173	20.14	18.74	19.95	18.22	17.16	18.20
	5885	177	20.03	18.77	20.03	18.24	17.12	18.22

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	20.22	-	20.15	18.22	-	18.25
	5200	40	20.21	-	20.15	18.21	-	18.25
	5240	48	20.23	-	20.18	18.21	-	18.26
UNII2A	5260	52	20.20	-	20.17	18.22	-	18.25
	5300	60	20.21	-	20.08	18.22	-	18.24
	5320	64	20.21	-	20.17	18.19	-	18.26
UNII2C	5500	100	20.20	-	20.21	18.21	-	18.26
	5580	116	20.22	-	20.15	18.22	-	18.25
	5720	144	20.21	-	20.13	18.22	-	18.24
UNII3	5745	149	20.21	-	20.13	18.22	-	18.25
	5785	157	20.22	-	20.15	18.22	-	18.25
	5825	165	20.26	-	20.17	18.23	-	18.25
UNII4	5845	169	20.21	-	20.13	18.22	-	18.25
	5865	173	20.23	-	20.17	18.21	-	18.25
	5885	177	20.23	-	20.17	18.21	-	18.24

Mode : HE20 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	-	21.05	-	-	19.01	-
	5200	40	-	21.13	-	-	19.01	-
	5240	48	-	21.05	-	-	19.01	-
UNII2A	5260	52	-	21.17	-	-	19.01	-
	5300	60	-	21.04	-	-	19.04	-
	5320	64	-	21.05	-	-	19.02	-
UNII2C	5500	100	-	21.06	-	-	19.02	-
	5580	116	-	21.04	-	-	19.01	-
	5720	144	-	21.04	-	-	19.01	-
UNII3	5745	149	-	20.95	-	-	19.02	-
	5785	157	-	21.08	-	-	19.07	-
	5825	165	-	21.02	-	-	19.00	-
UNII4	5845	169	-	21.04	-	-	19.01	-
	5865	173	-	21.05	-	-	19.01	-
	5885	177	-	21.03	-	-	19.01	-

Mode : HE20 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5180	36	-	21.67	-	-	19.02	-
	5200	40	-	21.46	-	-	19.01	-
	5240	48	-	21.56	-	-	19.02	-
UNII2A	5260	52	-	21.69	-	-	19.02	-
	5300	60	-	21.73	-	-	19.04	-
	5320	64	-	21.57	-	-	19.04	-
UNII2C	5500	100	-	21.47	-	-	19.02	-
	5580	116	-	21.62	-	-	19.03	-
	5720	144	-	21.46	-	-	19.03	-
UNII3	5745	149	-	21.65	-	-	19.02	-
	5785	157	-	21.53	-	-	19.01	-
	5825	165	-	21.72	-	-	19.01	-
UNII4	5845	169	-	21.65	-	-	19.03	-
	5865	173	-	21.71	-	-	19.02	-
	5885	177	-	21.63	-	-	19.03	-

Mode : HE40 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	20.09	22.46	20.44	18.50	20.37	18.55
	5230	46	20.20	22.49	20.21	18.53	20.46	18.42
UNII2A	5270	54	20.15	22.96	20.14	18.51	20.72	18.45
	5310	62	20.17	22.54	20.22	18.46	20.40	18.47
UNII2C	5510	102	20.22	22.64	20.46	18.60	20.54	18.54
	5550	110	20.14	23.10	20.22	18.58	20.88	18.42
	5710	142	20.14	22.18	20.38	18.48	20.40	18.51
UNII3	5755	151	20.14	22.49	20.22	18.49	20.46	18.42
	5795	159	20.07	22.39	20.48	18.45	20.41	18.56
UNII4	5835	167	19.98	22.53	20.18	18.49	20.44	18.41
	5875	175	20.07	23.34	20.59	18.48	21.07	18.61

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	20.93	23.48	22.25	18.30	20.16	18.27
	5230	46	22.22	23.58	22.29	18.36	20.19	18.28
UNII2A	5270	54	22.30	23.69	22.42	18.40	20.17	18.30
	5310	62	22.22	23.45	22.01	18.43	20.19	18.28
UNII2C	5510	102	21.01	23.48	22.07	18.36	20.21	18.27
	5550	110	22.26	23.49	22.24	18.39	20.28	18.27
	5710	142	21.10	23.52	22.19	18.38	20.27	18.30
UNII3	5755	151	21.01	23.55	22.41	18.34	20.16	18.37
	5795	159	22.16	23.56	22.14	18.36	20.16	18.30
UNII4	5835	167	22.16	23.64	22.13	18.40	20.28	18.30
	5875	175	22.15	23.56	22.31	18.38	20.25	18.32

Mode : HE40 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	29.83	28.55	29.74	18.06	19.41	18.16
	5230	46	29.84	28.66	29.76	18.09	19.41	18.17
UNII2A	5270	54	29.83	28.60	29.59	18.11	19.41	18.17
	5310	62	29.98	28.68	29.74	18.09	19.43	18.17
UNII2C	5510	102	29.90	28.66	36.46	18.12	19.46	22.19
	5550	110	29.88	28.65	29.70	18.09	19.48	18.18
	5710	142	35.56	28.68	29.55	20.23	20.02	18.19
UNII3	5755	151	29.87	28.60	29.67	18.11	19.43	18.17
	5795	159	29.87	28.66	29.74	18.11	19.50	18.19
UNII4	5835	167	29.82	28.66	29.65	18.09	19.49	18.18
	5875	175	29.75	28.65	29.67	18.08	19.44	18.16

Mode : HE40 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	33.77	-	33.85	19.58	-	19.52
	5230	46	33.79	-	33.54	19.58	-	19.56
UNII2A	5270	54	33.83	-	33.62	19.62	-	19.54
	5310	62	33.78	-	33.61	19.66	-	19.54
UNII2C	5510	102	33.93	-	33.55	19.63	-	19.46
	5550	110	33.85	-	33.57	19.61	-	19.52
	5710	142	33.81	-	33.63	19.59	-	19.58
UNII3	5755	151	33.83	-	33.74	19.61	-	19.73
	5795	159	33.82	-	33.57	19.60	-	19.53
UNII4	5835	167	33.83	-	33.61	19.60	-	19.65
	5875	175	33.95	-	33.58	19.58	-	19.93

Mode : HE40 484T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5190	38	-	41.69	-	-	37.98	-
	5230	46	-	41.70	-	-	37.99	-
UNII2A	5270	54	-	41.66	-	-	37.98	-
	5310	62	-	41.67	-	-	37.98	-
UNII2C	5510	102	-	41.66	-	-	37.98	-
	5550	110	-	41.55	-	-	37.97	-
	5710	142	-	41.71	-	-	37.99	-
UNII3	5755	151	-	41.70	-	-	37.97	-
	5795	159	-	41.65	-	-	37.98	-
UNII4	5835	167	-	41.73	-	-	37.97	-
	5875	175	-	41.65	-	-	37.99	-

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	-	42.70	-	-	37.95	-
	5230	46	-	43.13	-	-	37.90	-
UNII2A	5270	54	-	42.22	-	-	37.91	-
	5310	62	-	42.70	-	-	37.92	-
UNII2C	5510	102	-	42.88	-	-	37.89	-
	5550	110	-	42.59	-	-	37.92	-
	5710	142	-	42.47	-	-	37.91	-
UNII3	5755	151	-	42.53	-	-	37.94	-
	5795	159	-	42.52	-	-	37.90	-
UNII4	5835	167	-	42.51	-	-	37.91	-
	5875	175	-	42.48	-	-	37.90	-

Mode : HE80 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	22.52	78.30	22.63	20.09	75.28	20.29
UNII2A	5290	58	22.92	78.41	22.16	20.44	75.40	19.83
	5530	106	22.22	78.26	22.27	20.18	75.28	19.82
UNII2C	5610	122	22.65	78.50	22.30	20.08	75.42	19.92
	5690	138	22.76	78.31	22.54	20.33	75.24	20.03
UNII3	5775	155	22.49	78.40	22.25	20.13	75.31	20.06
UNII4	5855	171	23.16	78.37	22.93	20.19	75.26	20.17

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	25.59	25.22	24.30	20.72	21.44	19.68
UNII2A	5290	58	25.42	25.86	24.40	20.72	21.50	19.89
	5530	106	25.41	25.90	24.52	20.49	21.52	19.96
UNII2C	5610	122	25.32	25.75	23.94	20.61	21.51	19.78
	5690	138	25.32	26.82	24.45	20.61	22.32	19.93
UNII3	5775	155	25.55	25.20	24.49	20.74	21.41	19.71
UNII4	5855	171	24.72	26.10	25.49	20.63	21.67	20.28

Mode : HE80 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	23.77	25.72	24.38	19.05	20.02	19.14
UNII2A	5290	58	23.92	25.36	24.40	19.09	19.83	19.11
	5530	106	24.04	25.61	24.43	19.10	20.04	19.07
UNII2C	5610	122	23.91	25.56	24.37	19.07	20.00	19.21
	5690	138	24.15	25.37	24.53	19.27	19.77	19.15
UNII3	5775	155	23.63	25.71	24.29	19.03	20.20	19.08
UNII4	5855	171	23.85	25.60	24.40	18.97	19.75	19.15

Mode : HE80 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	33.42	33.67	31.65	21.47	21.34	20.77
UNII2A	5290	58	31.42	34.70	31.46	20.91	21.69	20.67
UNII2C	5530	106	32.28	34.72	31.68	21.40	21.64	20.74
	5610	122	32.58	32.75	32.05	21.62	20.89	20.97
	5690	138	31.64	29.74	35.95	21.11	20.60	22.85
UNII3	5775	155	33.73	35.47	34.08	21.64	22.47	21.56
UNII4	5855	171	32.20	36.95	32.03	21.12	22.46	20.90

Mode : HE80 484T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	69.88	-	69.72	44.55	-	41.63
UNII2A	5290	58	69.94	-	69.34	44.75	-	41.13
UNII2C	5530	106	69.70	-	69.23	46.38	-	40.75
	5610	122	69.72	-	70.05	44.13	-	41.19
	5690	138	69.34	-	71.37	44.45	-	41.94
UNII3	5775	155	69.40	-	69.97	44.48	-	41.27
UNII4	5855	171	69.68	-	70.01	44.27	-	41.63

Mode : HE80 996T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	-	86.69	-	-	77.79	-
UNII2A	5290	58	-	86.85	-	-	77.79	-
UNII2C	5530	106	-	86.55	-	-	77.78	-
	5610	122	-	86.70	-	-	77.77	-
	5690	138	-	86.65	-	-	77.78	-
UNII3	5775	155	-	87.65	-	-	77.81	-
UNII4	5855	171	-	86.69	-	-	77.77	-

Mode : HE80 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII1	5210	42	-	88.64	-	-	77.91	-
UNII2A	5290	58	-	89.71	-	-	77.97	-
UNII2C	5530	106	-	88.26	-	-	77.93	-
	5610	122	-	88.21	-	-	77.82	-
	5690	138	-	90.18	-	-	77.91	-
UNII3	5775	155	-	88.70	-	-	77.98	-
UNII4	5855	171	-	88.58	-	-	77.96	-

Mode : HE160(80L)									
Band	Tone	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII 1-2A	26T	5250	50	27.02	79.34	26.14	24.148	75.813	25.941
UNII 2C		5570	114	26.14	79.73	25.96	24.489	76.279	25.282
UNII 3-4		5815	163	26.60	79.55	26.10	24.916	76.005	26.144
UNII 1-2A	52T	5250	50	27.95	28.04	29.94	25.081	26.135	26.787
UNII 2C		5570	114	26.83	29.14	30.89	25.470	25.526	27.432
UNII 3-4		5815	163	28.50	28.40	31.19	25.009	26.556	27.512
UNII 1-2A	106T	5250	50	32.14	35.21	34.32	24.262	24.805	25.218
UNII 2C		5570	114	32.43	33.67	34.80	24.530	24.578	25.321
UNII 3-4		5815	163	33.05	34.28	34.15	26.068	25.051	25.279
UNII 1-2A	242T	5250	50	38.60	49.41	42.65	27.708	29.407	26.160
UNII 2C		5570	114	43.33	45.35	42.44	28.744	27.954	25.972
UNII 3-4		5815	163	47.77	50.64	40.12	32.412	29.996	25.249
UNII 1-2A	484T	5250	50	63.84	-	76.20	41.059	-	45.935
UNII 2C		5570	114	64.03	-	85.16	41.709	-	46.499
UNII 3-4		5815	163	63.31	-	73.19	40.832	-	44.699
UNII 1-2A	996T	5250	50	-	102.52	-	-	79.674	-
UNII 2C		5570	114	-	111.82	-	-	80.120	-
UNII 3-4		5815	163	-	111.09	-	-	80.107	-

Mode : HE160(80U)									
Band	Tone	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII 1-2A	26T	5250	50	27.72	79.24	25.08	26.8	75.5	23.9
UNII 2C		5570	114	29.17	79.31	25.16	27.6	75.7	23.9
UNII 3-4		5815	163	30.15	79.44	25.93	28.2	75.6	24.4
UNII 1-2A	52T	5250	50	32.95	32.52	30.02	29.3	29.2	24.8
UNII 2C		5570	114	34.69	32.29	30.24	30.2	29.7	24.8
UNII 3-4		5815	163	33.73	33.40	30.54	29.7	30.3	25.0
UNII 1-2A	106T	5250	50	34.51	33.95	32.00	26.0	26.2	23.8
UNII 2C		5570	114	34.05	33.70	32.17	26.0	26.3	24.5
UNII 3-4		5815	163	33.54	34.11	32.04	25.4	25.8	24.0
UNII 1-2A	242T	5250	50	46.44	47.38	41.22	27.5	28.2	27.6
UNII 2C		5570	114	44.72	51.67	43.78	26.6	30.9	30.0
UNII 3-4		5815	163	44.89	45.71	42.34	26.6	26.1	28.5
UNII 1-2A	484T	5250	50	75.02	-	69.55	45.7	-	46.2
UNII 2C		5570	114	73.50	-	64.17	45.3	-	45.8
UNII 3-4		5815	163	68.91	-	69.49	43.7	-	46.5
UNII 1-2A	996T	5250	50	-	105.86	-	-	80.0	-
UNII 2C		5570	114	-	108.10	-	-	80.1	-
UNII 3-4		5815	163	-	106.43	-	-	80.3	-

Mode : HE160									
Band	Tone	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1	ANT1	ANT1	ANT1
UNII 1-2A	SU	5250	50	-	173.7	-	-	157.7	-
UNII 2C		5570	114	-	174.2	-	-	157.4	-
UNII 3-4		5815	163	-	174.1	-	-	157.2	-
UNII 1-2A	2x996T	5250	50	-	172.9	-	-	157.4	-
UNII 2C		5570	114	-	175.5	-	-	157.4	-
UNII 3-4		5815	163	-	173.5	-	-	157.3	-

10.2.2 Ant.2

Mode : HE20 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	19.71	18.43	19.65	18.241	17.100	18.254
	5200	40	19.74	18.36	19.77	18.237	17.135	18.263
	5240	48	19.74	18.41	19.68	18.242	17.145	18.272
UNII2A	5260	52	19.75	18.40	19.70	18.228	17.145	18.216
	5300	60	19.76	18.44	19.74	18.245	17.123	18.238
	5320	64	19.89	18.39	19.71	18.254	17.146	18.239
UNII2C	5500	100	19.72	18.46	19.63	18.255	17.150	18.261
	5580	116	19.73	18.40	19.74	18.297	17.115	18.285
	5720	144	19.87	18.32	19.69	18.311	17.102	18.257
UNII3	5745	149	19.76	18.35	19.74	18.222	17.122	18.266
	5785	157	19.74	18.40	19.62	18.267	17.133	18.265
	5825	165	19.77	18.42	19.62	18.240	17.155	18.207
UNII4	5845	169	19.71	18.29	19.75	18.221	17.110	18.228
	5865	173	19.77	18.40	19.64	18.172	17.115	18.247
	5885	177	19.73	18.44	19.66	18.232	17.138	18.276

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	20.14	18.76	20.15	18.232	17.161	18.221
	5200	40	20.05	18.76	20.01	18.237	17.148	18.256
	5240	48	20.17	18.77	20.05	18.238	17.133	18.212
UNII2A	5260	52	20.11	18.75	20.04	18.221	17.150	18.232
	5300	60	20.06	18.75	20.10	18.238	17.158	18.255
	5320	64	20.15	18.76	20.02	18.239	17.162	18.220
UNII2C	5500	100	20.12	18.68	20.06	18.225	17.144	18.218
	5580	116	20.05	18.74	19.95	18.240	17.141	18.203
	5720	144	20.02	18.76	20.00	18.263	17.151	18.210
UNII3	5745	149	20.05	18.77	20.00	18.242	17.167	18.233
	5785	157	20.02	18.76	20.09	18.214	17.151	18.241
	5825	165	20.15	18.70	20.06	18.233	17.153	18.258
UNII4	5845	169	20.11	18.72	20.19	18.224	17.164	18.257
	5865	173	20.16	18.75	20.04	18.241	17.135	18.241
	5885	177	19.95	18.73	20.15	18.230	17.150	18.226

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	20.19	-	20.17	18.213	-	18.257
	5200	40	20.25	-	20.14	18.208	-	18.253
	5240	48	20.23	-	20.13	18.209	-	18.253
UNII2A	5260	52	20.23	-	20.17	18.208	-	18.248
	5300	60	20.22	-	20.21	18.207	-	18.243
	5320	64	20.16	-	20.16	18.213	-	18.251
UNII2C	5500	100	20.23	-	20.15	18.213	-	18.256
	5580	116	20.23	-	20.15	18.217	-	18.247
	5720	144	20.18	-	20.10	18.212	-	18.249
UNII3	5745	149	20.19	-	20.16	18.218	-	18.234
	5785	157	20.23	-	20.18	18.212	-	18.251
	5825	165	20.27	-	20.20	18.225	-	18.242
UNII4	5845	169	20.22	-	20.11	18.212	-	18.248
	5865	173	20.24	-	20.16	18.213	-	18.241
	5885	177	20.23	-	20.17	18.215	-	18.247

Mode : HE20 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5180	36	-	21.02	-	-	19.007	-
	5200	40	-	21.12	-	-	19.007	-
	5240	48	-	21.07	-	-	19.002	-
UNII2A	5260	52	-	21.14	-	-	19.008	-
	5300	60	-	21.06	-	-	19.038	-
	5320	64	-	21.05	-	-	19.018	-
UNII2C	5500	100	-	21.06	-	-	19.013	-
	5580	116	-	21.01	-	-	19.008	-
	5720	144	-	21.03	-	-	19.007	-
UNII3	5745	149	-	21.04	-	-	19.002	-
	5785	157	-	21.04	-	-	19.069	-
	5825	165	-	21.02	-	-	19.005	-
UNII4	5845	169	-	21.01	-	-	19.011	-
	5865	173	-	21.02	-	-	19.004	-
	5885	177	-	21.04	-	-	19.008	-

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	-	21.48	-	-	19.021	-
	5200	40	-	21.80	-	-	19.012	-
	5240	48	-	21.56	-	-	19.013	-
UNII2A	5260	52	-	21.63	-	-	19.028	-
	5300	60	-	21.32	-	-	19.022	-
	5320	64	-	21.39	-	-	19.028	-
UNII2C	5500	100	-	21.53	-	-	19.035	-
	5580	116	-	21.86	-	-	19.019	-
	5720	144	-	21.73	-	-	19.016	-
UNII3	5745	149	-	21.58	-	-	19.032	-
	5785	157	-	21.51	-	-	19.038	-
	5825	165	-	21.57	-	-	19.017	-
UNII4	5845	169	-	21.71	-	-	19.016	-
	5865	173	-	21.56	-	-	19.000	-
	5885	177	-	21.62	-	-	19.013	-

Mode : HE40 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	20.14	22.51	20.38	18.512	20.486	18.541
	5230	46	20.21	22.62	20.20	18.524	20.467	18.394
UNII2A	5270	54	20.10	22.62	20.31	18.468	20.750	18.488
	5310	62	20.15	22.48	20.18	18.498	20.347	18.503
UNII2C	5510	102	20.23	22.67	20.38	18.586	20.569	18.455
	5550	110	20.16	23.10	20.27	18.541	20.935	18.430
	5710	142	20.03	22.10	20.47	18.429	20.313	18.530
UNII3	5755	151	20.02	22.38	20.21	18.444	20.400	18.423
	5795	159	20.25	22.31	20.37	18.507	20.403	18.612
UNII4	5835	167	20.15	22.44	20.22	18.491	20.420	18.406
	5875	175	20.16	22.87	20.61	18.459	21.007	18.653

Mode : HE40 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	21.11	23.58	22.29	18.381	20.116	18.266
	5230	46	22.28	23.71	22.33	18.369	20.216	18.343
UNII2A	5270	54	21.21	23.60	22.38	18.398	20.156	18.320
	5310	62	22.34	23.60	22.19	18.452	20.245	18.272
UNII2C	5510	102	22.27	23.27	22.13	18.404	20.170	18.339
	5550	110	22.32	23.59	20.54	18.426	20.240	18.298
	5710	142	22.24	23.72	22.41	18.358	20.269	18.324
UNII3	5755	151	22.28	23.30	22.50	18.388	20.154	18.332
	5795	159	22.31	23.60	22.25	18.381	20.165	18.320
UNII4	5835	167	22.27	23.56	22.34	18.401	20.237	18.340
	5875	175	22.29	23.76	22.22	18.408	20.182	18.278

Mode : HE40 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	29.86	28.67	29.77	18.057	19.451	18.157
	5230	46	29.60	28.65	29.56	18.087	19.411	18.155
UNII2A	5270	54	29.86	28.65	29.71	18.108	19.427	18.203
	5310	62	29.96	28.61	29.69	18.125	19.438	18.194
UNII2C	5510	102	29.85	28.57	29.73	18.111	19.415	18.193
	5550	110	29.84	28.65	29.68	18.096	19.413	18.178
	5710	142	29.84	28.50	29.53	18.058	19.985	18.193
UNII3	5755	151	29.81	28.66	29.63	18.096	19.414	18.163
	5795	159	29.83	28.65	29.62	18.116	19.419	18.176
UNII4	5835	167	29.82	28.60	29.67	18.080	19.430	18.188
	5875	175	29.79	28.65	29.74	18.119	19.427	18.185

Mode : HE40 242T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	33.80	-	33.51	19.562	-	19.498
	5230	46	33.80	-	33.57	19.594	-	19.507
UNII2A	5270	54	33.75	-	33.46	19.595	-	19.551
	5310	62	33.80	-	33.63	19.671	-	19.505
UNII2C	5510	102	33.89	-	33.61	19.620	-	19.483
	5550	110	33.80	-	33.57	19.626	-	19.517
	5710	142	33.81	-	33.61	19.540	-	19.611
UNII3	5755	151	33.80	-	33.59	19.595	-	19.564
	5795	159	33.83	-	33.54	19.600	-	19.529
UNII4	5835	167	33.80	-	33.54	19.581	-	19.650
	5875	175	34.05	-	33.59	19.587	-	19.948

Mode : HE40 484T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	-	41.67	-	-	37.980	-
	5230	46	-	41.68	-	-	37.985	-
UNII2A	5270	54	-	41.67	-	-	37.974	-
	5310	62	-	41.66	-	-	37.979	-
UNII2C	5510	102	-	41.68	-	-	37.970	-
	5550	110	-	41.58	-	-	37.963	-
	5710	142	-	41.72	-	-	37.978	-
UNII3	5755	151	-	41.70	-	-	37.970	-
	5795	159	-	41.71	-	-	37.971	-
UNII4	5835	167	-	41.68	-	-	37.968	-
	5875	175	-	41.68	-	-	37.980	-

Mode : HE40 SU								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5190	38	-	42.77	-	-	37.902	-
	5230	46	-	42.48	-	-	37.935	-
UNII2A	5270	54	-	42.90	-	-	37.909	-
	5310	62	-	42.28	-	-	37.895	-
UNII2C	5510	102	-	42.81	-	-	37.910	-
	5550	110	-	42.89	-	-	37.895	-
	5710	142	-	42.54	-	-	37.959	-
UNII3	5755	151	-	42.85	-	-	37.909	-
	5795	159	-	42.23	-	-	37.958	-
UNII4	5835	167	-	42.89	-	-	37.912	-
	5875	175	-	42.54	-	-	37.908	-

Mode : HE80 26T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	22.59	78.25	22.69	20.203	75.252	20.182
UNII2A	5290	58	22.61	78.50	22.04	20.483	75.401	20.008
UNII2C	5530	106	22.27	78.11	22.21	20.052	75.090	19.947
	5610	122	22.53	78.49	22.58	20.141	75.236	19.943
	5690	138	22.84	78.37	22.53	20.499	75.183	20.137
UNII3	5775	155	22.65	78.34	22.26	20.221	75.266	19.983
UNII4	5855	171	22.41	78.33	23.28	20.042	75.211	20.252

Mode : HE80 52T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	25.39	25.18	24.39	20.667	21.282	19.797
UNII2A	5290	58	25.10	25.88	24.74	20.703	21.510	19.835
UNII2C	5530	106	25.43	25.39	24.39	20.705	21.513	19.926
	5610	122	25.09	25.91	24.04	20.559	21.531	19.729
	5690	138	24.83	26.88	24.33	20.609	22.266	19.914
UNII3	5775	155	25.65	25.06	24.22	20.942	21.351	19.740
UNII4	5855	171	25.41	26.43	25.25	20.417	21.583	20.413

Mode : HE80 106T								
Band	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
			RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
			ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII1	5210	42	24.05	25.79	24.17	19.068	19.981	19.083
UNII2A	5290	58	24.09	25.65	24.29	19.130	19.917	19.152
UNII2C	5530	106	24.06	25.72	24.41	19.215	19.969	19.161
	5610	122	24.06	25.71	24.36	19.104	19.833	19.228
	5690	138	24.02	25.62	24.84	19.160	19.920	19.292
UNII3	5775	155	23.82	25.51	24.56	19.082	19.720	19.156
UNII4	5855	171	23.86	25.49	24.49	18.949	19.770	19.151

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	33.06	33.72	31.82	21.496	21.354	20.730
UNII2A	5290	58	31.52	34.21	32.35	21.185	22.082	20.981
UNII2C	5530	106	34.11	37.08	31.91	21.607	21.756	20.873
	5610	122	32.71	32.85	33.23	21.656	20.735	21.524
	5690	138	31.59	29.13	35.76	21.116	20.544	22.987
UNII3	5775	155	33.46	36.09	34.25	21.707	21.648	21.489
UNII4	5855	171	31.24	37.38	32.12	21.239	22.520	21.084

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	69.52	-	69.81	44.308	-	41.448
UNII2A	5290	58	69.77	-	69.56	44.093	-	41.004
UNII2C	5530	106	69.85	-	69.36	44.502	-	40.991
	5610	122	69.83	-	69.86	43.660	-	41.343
	5690	138	69.37	-	70.46	43.430	-	41.980
UNII3	5775	155	69.25	-	69.63	44.393	-	41.460
UNII4	5855	171	69.58	-	70.18	42.838	-	42.265

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	-	87.42	-	-	77.956	-
UNII2A	5290	58	-	86.67	-	-	77.977	-
UNII2C	5530	106	-	86.28	-	-	77.956	-
	5610	122	-	87.07	-	-	77.959	-
	5690	138	-	87.22	-	-	77.935	-
UNII3	5775	155	-	86.50	-	-	77.963	-
UNII4	5855	171	-	86.59	-	-	77.940	-

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	-	89.00	-	-	77.981	-
UNII2A	5290	58	-	89.54	-	-	77.922	-
UNII2C	5530	106	-	87.55	-	-	77.861	-
	5610	122	-	88.64	-	-	77.836	-
	5690	138	-	88.22	-	-	77.875	-
UNII3	5775	155	-	88.19	-	-	77.909	-
UNII4	5855	171	-	87.33	-	-	77.888	-

Mode : HE160(80L)									
Band	Tone	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII 1-2A	26T	5250	50	26.12	79.41	26.25	24.228	76.130	25.830
UNII 2C		5570	114	26.50	79.76	26.54	24.161	76.191	25.571
UNII 3-4		5815	163	26.51	79.72	25.96	25.322	76.131	26.072
UNII 1-2A	52T	5250	50	28.59	28.36	30.36	24.912	25.900	27.364
UNII 2C		5570	114	27.92	29.80	31.32	25.538	25.770	27.689
UNII 3-4		5815	163	28.20	28.44	30.97	26.369	25.948	26.834
UNII 1-2A	106T	5250	50	31.36	33.17	33.83	23.356	24.449	25.176
UNII 2C		5570	114	30.80	33.54	33.77	23.709	24.599	24.872
UNII 3-4		5815	163	32.39	33.18	34.16	25.713	24.681	25.134
UNII 1-2A	242T	5250	50	37.67	48.37	41.76	26.650	27.928	25.746
UNII 2C		5570	114	43.56	44.58	41.49	28.593	27.592	25.437
UNII 3-4		5815	163	48.06	47.98	41.92	32.858	28.385	25.615
UNII 1-2A	484T	5250	50	87.79	-	72.51	40.911	-	44.471
UNII 2C		5570	114	87.84	-	71.23	41.528	-	43.642
UNII 3-4		5815	163	87.72	-	70.20	41.038	-	43.650
UNII 1-2A	996T	5250	50	-	108.20	-	-	81.715	-
UNII 2C		5570	114	-	102.67	-	-	80.138	-
UNII 3-4		5815	163	-	106.10	-	-	80.219	-

Mode : HE160(80U)									
Band	Tone	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII 1-2A	26T	5250	50	27.45	79.42	26.33	26.6	75.5	24.4
UNII 2C		5570	114	29.43	79.32	25.48	27.7	75.7	24.6
UNII 3-4		5815	163	29.34	79.47	26.07	28.5	75.6	25.0
UNII 1-2A	52T	5250	50	33.81	33.15	29.65	29.7	30.5	25.3
UNII 2C		5570	114	35.39	33.03	29.57	29.9	30.9	25.3
UNII 3-4		5815	163	33.69	32.62	28.88	29.7	30.5	25.5
UNII 1-2A	106T	5250	50	33.24	34.40	32.36	25.6	27.4	24.2
UNII 2C		5570	114	34.67	36.53	31.71	25.8	27.1	24.7
UNII 3-4		5815	163	33.88	33.94	33.55	25.2	26.7	25.1
UNII 1-2A	242T	5250	50	45.97	48.68	41.82	26.4	28.9	28.4
UNII 2C		5570	114	44.50	52.85	44.02	26.2	31.3	30.9
UNII 3-4		5815	163	45.60	44.55	42.79	26.9	26.1	29.0
UNII 1-2A	484T	5250	50	72.25	-	88.18	45.1	-	47.1
UNII 2C		5570	114	69.80	-	64.75	44.2	-	46.0
UNII 3-4		5815	163	68.33	-	87.77	43.7	-	46.5
UNII 1-2A	996T	5250	50	-	97.43	-	-	79.0	-
UNII 2C		5570	114	-	97.06	-	-	78.9	-
UNII 3-4		5815	163	-	96.25	-	-	78.9	-

Mode : HE160									
Band	Tone	Freq. [MHz]	CH.	26dB Bandwidth [MHz]			99% Occupied Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High	RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2	ANT2	ANT2	ANT2
UNII 1-2A	SU	5250	50	-	174.4	-	-	157.5	-
UNII 2C		5570	114	-	174.1	-	-	157.2	-
UNII 3-4		5815	163	-	173.2	-	-	157.2	-
UNII 1-2A	2x996T	5250	50	-	173.2	-	-	157.6	-
UNII 2C		5570	114	-	171.1	-	-	157.3	-
UNII 3-4		5815	163	-	175.1	-	-	157.1	-

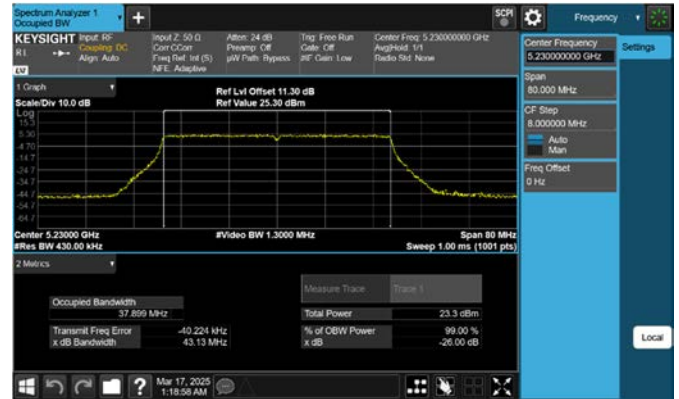
Test Plots

[Ant.1]

Bandwidth 20M Ch.60(5300 MHz) SU



Bandwidth 40M Ch.46(5230 MHz) SU



Bandwidth 80M Ch.138(5690 MHz) SU



Bandwidth 160M 2x996Tone Ch.114(5570 MHz) RU68



Note:

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

[Ant.2]

Bandwidth 20M Ch.116(5580 MHz) SU



Bandwidth 40M Ch.54(5270 MHz) SU



Bandwidth 80M Ch.58(5290 MHz) SU



Bandwidth 160M 2x996Tone Ch.163(5815 MHz) RU68



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	2.073	2.721	2.091
		5785	157	2.074	2.706	2.091
		5825	165	2.067	2.699	2.098
UNII4		5845	169	2.077	2.710	2.089
		5865	173	2.072	2.711	2.089
		5885	177	2.069	2.712	2.125
UNII3	52T	5745	149	17.10	15.11	17.06
		5785	157	17.08	15.11	17.04
		5825	165	17.08	15.11	15.83
UNII4		5845	169	17.08	15.11	17.06
		5865	173	17.04	15.11	17.09
		5885	177	17.08	15.11	17.04
UNII3	106T	5745	149	17.18	-	17.40
		5785	157	18.10	-	17.40
		5825	165	17.17	-	17.40
UNII4		5845	169	17.18	-	17.39
		5865	173	17.18	-	17.39
		5885	177	17.18	-	17.40
UNII3	242T	5745	149	-	19.05	-
		5785	157	-	19.06	-
		5825	165	-	19.06	-
UNII4		5845	169	-	19.05	-
		5865	173	-	19.05	-
		5885	177	-	19.05	-
UNII3	SU	5745	149	-	19.09	-
		5785	157	-	19.09	-
		5825	165	-	19.11	-
UNII4		5845	169	-	19.10	-
		5865	173	-	19.07	-
		5885	177	-	19.08	-

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	2.121	2.109	2.104
		5795	159	2.121	2.143	2.151
UNII4		5835	167	2.134	2.107	2.134
		5875	175	2.141	2.122	2.136
UNII3	52T	5755	151	16.62	17.35	15.38
		5795	159	16.62	17.35	16.61
UNII4		5835	167	16.64	17.36	15.33
		5875	175	16.62	17.34	16.59
UNII3	106T	5755	151	16.66	17.37	16.68
		5795	159	16.67	17.38	16.66
UNII4		5835	167	16.65	17.34	16.67
		5875	175	16.65	17.38	16.67
UNII3	242T	5755	151	18.90	-	18.88
		5795	159	18.90	-	18.89
UNII4		5835	167	18.90	-	18.89
		5875	175	18.90	-	18.89
UNII3	484T	5755	151	-	38.32	-
		5795	159	-	38.32	-
UNII4		5835	167	-	38.31	-
		5875	175	-	38.31	-
UNII3	SU	5755	151	-	38.28	-
		5795	159	-	38.33	-
UNII4		5835	167	-	38.31	-
		5875	175	-	38.21	-

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	2.215	2.835	2.242
UNII4		5855	171	2.228	2.844	2.282
UNII3	52T	5775	155	16.63	16.35	15.48
UNII4		5855	171	16.62	16.29	14.17
UNII3	106T	5775	155	16.83	16.53	16.86
UNII4		5855	171	16.84	17.21	16.71
UNII3	242T	5775	155	18.97	18.98	18.95
UNII4		5855	171	18.97	18.98	18.94
UNII3	484T	5775	155	37.97	-	37.87
UNII4		5855	171	37.97	-	37.83
UNII3	996T	5775	155	-	78.16	-
UNII4		5855	171	-	78.18	-
UNII3	SU	5775	155	-	78.33	-
UNII4		5855	171	-	78.34	-

Mode : HE160(80L)						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1
UNII 3-4	26T	5815	163	2.376	3.039	2.485
UNII 3-4	52T	5815	163	16.98	16.59	14.41
UNII 3-4	106T	5815	163	17.95	16.63	17.04
UNII 3-4	242T	5815	163	19.16	19.06	19.15
UNII 3-4	484T	5815	163	37.93	-	37.92
UNII 3-4	996T	5815	163	-	78.27	-

Mode : HE160(80U)						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1
UNII 3-4	26T	5815	163	2.400	3.027	2.462
UNII 3-4	52T	5815	163	16.93	16.65	14.40
UNII 3-4	106T	5815	163	17.13	17.50	17.15
UNII 3-4	242T	5815	163	19.18	19.08	19.16
UNII 3-4	484T	5815	163	37.97	-	37.90
UNII 3-4	996T	5815	163	-	78.23	-

Mode : HE160						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT1	ANT1	ANT1
UNII 3-4	SU	5815	163	-	158.3	-
UNII 3-4	2x996T	5815	163	-	158.3	-

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	2.069	2.714	2.077
		5785	157	2.070	2.708	2.101
		5825	165	2.075	2.717	2.091
UNII4		5845	169	2.077	2.709	2.084
		5865	173	2.074	2.708	2.105
		5885	177	2.097	2.687	2.094
UNII3	52T	5745	149	17.09	15.11	17.05
		5785	157	17.07	15.11	15.83
		5825	165	17.08	15.09	17.05
UNII4		5845	169	17.08	15.11	17.03
		5865	173	17.05	15.10	15.83
		5885	177	17.09	15.09	17.05
UNII3	106T	5745	149	17.19	-	17.39
		5785	157	17.18	-	17.40
		5825	165	17.19	-	17.40
UNII4		5845	169	17.18	-	17.40
		5865	173	17.18	-	17.39
		5885	177	17.19	-	17.39
UNII3	242T	5745	149	-	19.05	-
		5785	157	-	19.05	-
		5825	165	-	19.05	-
UNII4		5845	169	-	19.05	-
		5865	173	-	19.05	-
		5885	177	-	19.05	-
UNII3	SU	5745	149	-	19.11	-
		5785	157	-	19.13	-
		5825	165	-	19.08	-
UNII4		5845	169	-	19.11	-
		5865	173	-	19.08	-
		5885	177	-	19.06	-

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	2.123	2.089	2.100
		5795	159	2.129	2.137	2.159
UNII4		5835	167	2.127	2.130	2.136
		5875	175	2.141	2.105	2.158
UNII3	52T	5755	151	16.63	17.35	15.37
		5795	159	16.63	17.35	16.60
UNII4		5835	167	16.63	17.37	16.58
		5875	175	16.62	17.35	16.59
UNII3	106T	5755	151	16.66	17.38	16.79
		5795	159	16.66	17.38	16.65
UNII4		5835	167	16.66	17.38	16.79
		5875	175	16.65	17.36	16.67
UNII3	242T	5755	151	18.90	-	18.89
		5795	159	18.88	-	18.88
UNII4		5835	167	18.89	-	18.89
		5875	175	18.89	-	18.88
UNII3	484T	5755	151	-	38.31	-
		5795	159	-	38.28	-
UNII4		5835	167	-	38.29	-
		5875	175	-	38.31	-
UNII3	SU	5755	151	-	38.29	-
		5795	159	-	38.31	-
UNII4		5835	167	-	38.20	-
		5875	175	-	38.29	-

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	2.214	2.837	2.269
UNII4		5855	171	2.221	2.826	2.281
UNII3	52T	5775	155	16.62	16.37	15.47
UNII4		5855	171	16.70	16.34	15.46
UNII3	106T	5775	155	16.82	16.52	16.88
UNII4		5855	171	16.83	16.51	16.87
UNII3	242T	5775	155	18.95	18.98	18.93
UNII4		5855	171	18.97	18.97	18.94
UNII3	484T	5775	155	37.96	-	37.88
UNII4		5855	171	37.96	-	37.82
UNII3	996T	5775	155	-	78.15	-
UNII4		5855	171	-	78.15	-
UNII3	SU	5775	155	-	78.34	-
UNII4		5855	171	-	78.38	-

Mode : HE160(80L)						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2
UNII 3-4	26T	5815	163	2.385	3.021	2.433
UNII 3-4	52T	5815	163	15.66	16.65	15.62
UNII 3-4	106T	5815	163	17.86	17.49	17.09
UNII 3-4	242T	5815	163	19.14	19.09	19.16
UNII 3-4	484T	5815	163	37.92	-	37.91
UNII 3-4	996T	5815	163	-	78.20	-

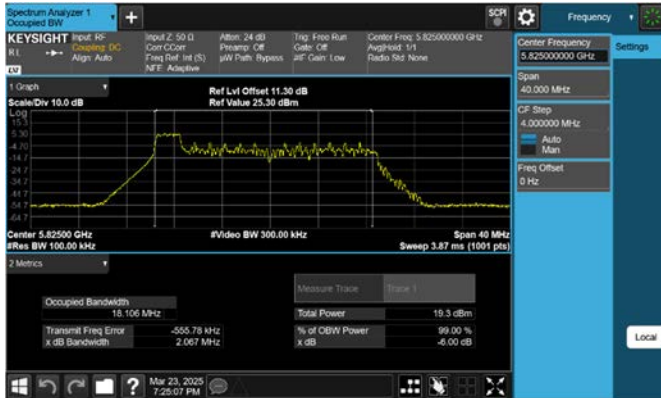
Mode : HE160(80U)						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2
UNII 3-4	26T	5815	163	2.360	3.027	2.441
UNII 3-4	52T	5815	163	16.96	16.56	16.90
UNII 3-4	106T	5815	163	17.84	17.47	17.04
UNII 3-4	242T	5815	163	19.18	19.10	19.15
UNII 3-4	484T	5815	163	37.98	-	37.90
UNII 3-4	996T	5815	163	-	78.22	-

Mode : HE160						
Band	Tone	Freq. [MHz]	CH.	6dB Bandwidth [MHz]		
				RU Index : Low	RU Index : Mid	RU Index : High
				ANT2	ANT2	ANT2
UNII 3-4	SU	5815	163	-	158.2	-
UNII 3-4	2x996T	5815	163	-	158.3	-

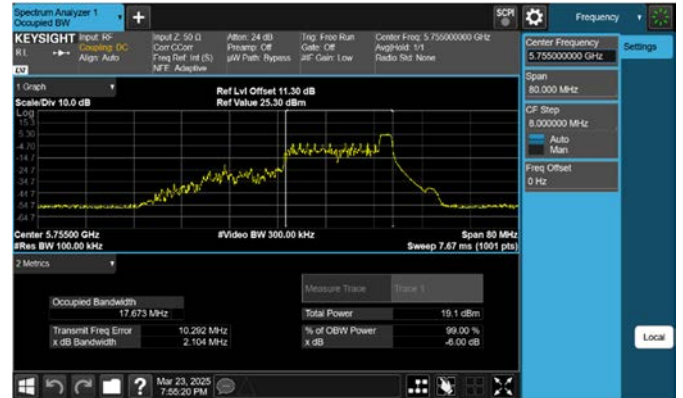
Test Plots

[Ant.1]

Bandwidth 20M Ch.165(5825 MHz) 26Tones RU 0



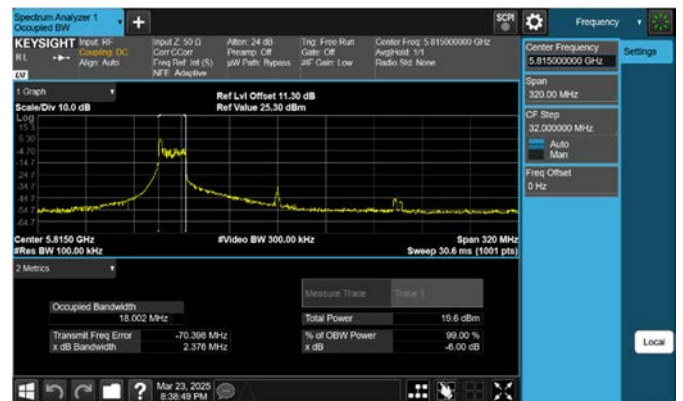
Bandwidth 40M Ch.151(5755 MHz) 26 Tones RU 17



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



Bandwidth 160M_80L Ch.163(5815 MHz) 26 Tones RU 0



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

[Ant.2]

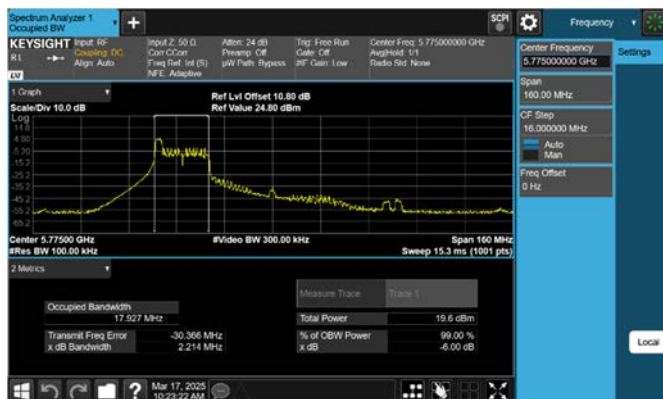
Bandwidth 20M Ch.149(5745 MHz) 26Tones RU 0



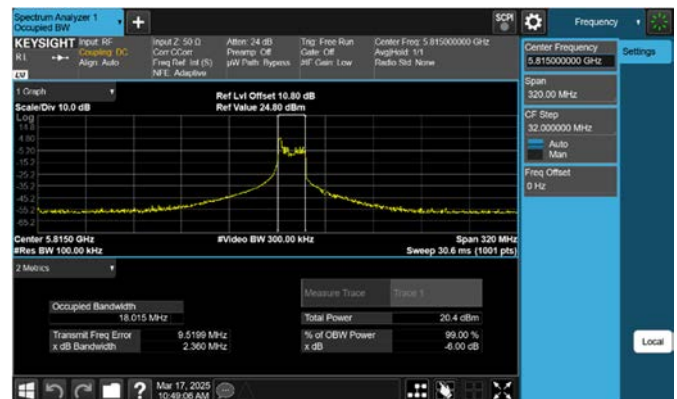
Bandwidth 40M Ch.151(5755 MHz) 26 Tones RU 9



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



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



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

10.4 OUTPUT POWER MEASUREMENT

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

Straddle channel data were added in section 10.6.3.

#Note : Max EIRP Power = Conducted Power(Sum) + Ant Gain(Directional Gain)

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

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

Limit

(UNII 1) : 23.98 dBm

(UNII 2A, 2C) : 23.98 dBm or 11 dBm + 10 log B, (where B is the 26 dB emission bandwidth in megahertz.)

(UNII 3) : 30.00 dBm

(UNII 4) : EIRP 30.0 dBm/MHz

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

10.4.1 MIMO_CDD(Ant.1+ Ant.2)

Mode : HE20 26T															
Band	Freq. [MHz]	CH.	Total Average Power [dBm]									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	9.95	10.31	13.15	9.70	9.98	12.85	9.98	10.17	13.09	-	-	-	-
	5200	40	9.94	10.16	13.06	9.65	9.86	12.77	9.92	10.05	12.99	-	-	-	-
	5240	48	9.70	9.98	12.85	9.41	9.73	12.58	9.70	9.96	12.84	-	-	-	-
UNII2A	5260	52	10.05	10.19	13.13	9.79	9.94	12.88	10.08	10.12	13.11	-	-	-	-
	5300	60	10.14	10.23	13.19	9.88	9.97	12.93	10.18	10.19	13.20	-	-	-	-
	5320	64	9.65	9.94	12.81	9.56	9.74	12.66	9.69	10.05	12.88	-	-	-	-
UNII2C	5500	100	10.03	10.15	13.10	9.71	9.87	12.80	9.99	10.07	13.04	-	-	-	-
	5580	116	10.15	10.31	13.24	9.88	10.07	12.99	10.19	10.34	13.28	-	-	-	-
	5720	144	10.02	10.17	13.11	9.73	9.85	12.80	10.00	10.04	13.03	-	-	-	-
UNII3	5745	149	9.90	10.12	13.02	9.61	9.88	12.76	9.87	10.09	12.99	-	-	-	-
	5785	157	9.89	10.20	13.06	9.61	9.99	12.82	9.88	10.21	13.06	-	-	-	-
	5825	165	10.06	10.40	13.24	9.77	10.13	12.97	10.05	10.34	13.21	-	-	-	-
UNII4	5845	169	10.17	10.41	13.30	9.88	10.15	13.03	10.16	10.35	13.27	-5.58	-7.08	-3.29	10.01
	5865	173	10.16	10.38	13.28	9.87	10.10	12.99	10.13	10.29	13.22	-5.58	-7.08	-3.29	10.00
	5885	177	10.36	9.34	12.89	10.10	9.08	12.63	10.37	9.27	12.87	-5.58	-7.08	-3.29	9.60

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	12.40	12.16	15.29	12.25	12.00	15.13	12.41	12.06	15.25	-	-	-	-
	5200	40	12.36	12.09	15.24	12.20	11.93	15.08	12.33	11.98	15.17	-	-	-	-
	5240	48	12.23	12.21	15.23	12.06	12.08	15.08	12.22	12.23	15.24	-	-	-	-
UNII2A	5260	52	12.46	12.18	15.33	12.31	12.05	15.19	12.50	12.15	15.34	-	-	-	-
	5300	60	12.69	12.27	15.49	12.56	12.12	15.36	12.72	12.24	15.50	-	-	-	-
	5320	64	12.26	12.10	15.19	12.12	11.99	15.07	12.30	12.20	15.26	-	-	-	-
UNII2C	5500	100	12.55	12.37	15.47	12.37	12.20	15.30	12.51	12.29	15.41	-	-	-	-
	5580	116	12.49	12.20	15.36	12.36	12.12	15.25	12.53	12.23	15.39	-	-	-	-
	5720	144	12.51	12.20	15.37	12.36	12.06	15.22	12.50	12.09	15.31	-	-	-	-
UNII3	5745	149	12.47	12.33	15.41	12.31	12.19	15.26	12.43	12.28	15.37	-	-	-	-
	5785	157	12.45	12.45	15.46	12.28	12.34	15.32	12.44	12.43	15.44	-	-	-	-
	5825	165	12.53	12.73	15.64	12.38	12.60	15.50	12.54	12.71	15.64	-	-	-	-
UNII4	5845	169	12.69	12.76	15.73	12.54	12.63	15.60	12.66	12.70	15.69	-5.58	-7.08	-3.29	12.44
	5865	173	12.65	12.85	15.76	12.50	12.70	15.61	12.64	12.77	15.71	-5.58	-7.08	-3.29	12.47
	5885	177	12.85	11.81	15.37	12.73	11.66	15.24	12.86	11.73	15.34	-5.58	-7.08	-3.29	12.09

Mode : HE20 106T															
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	14.37	14.25	17.32	-	-	-	14.37	14.18	17.29	-	-	-	-
	5200	40	14.32	14.20	17.27	-	-	-	14.29	14.14	17.23	-	-	-	-
	5240	48	14.03	14.32	17.19	-	-	-	14.04	14.35	17.20	-	-	-	-
UNII2A	5260	52	14.36	14.38	17.38	-	-	-	14.39	14.36	17.38	-	-	-	-
	5300	60	14.42	14.44	17.44	-	-	-	14.44	14.43	17.44	-	-	-	-
	5320	64	14.18	14.21	17.20	-	-	-	14.19	14.28	17.24	-	-	-	-
UNII2C	5500	100	14.51	14.59	17.56	-	-	-	14.48	14.72	17.61	-	-	-	-
	5580	116	14.37	14.24	17.32	-	-	-	14.39	14.26	17.34	-	-	-	-
	5720	144	14.49	14.22	17.37	-	-	-	14.45	14.09	17.29	-	-	-	-
UNII3	5745	149	14.35	14.41	17.39	-	-	-	14.34	14.39	17.37	-	-	-	-
	5785	157	14.36	14.47	17.42	-	-	-	14.36	14.46	17.42	-	-	-	-
	5825	165	14.50	14.76	17.64	-	-	-	14.55	14.73	17.65	-	-	-	-
UNII4	5845	169	14.64	14.65	17.65	-	-	-	14.63	14.60	17.63	-5.58	-7.08	-3.29	14.37
	5865	173	14.60	14.73	17.67	-	-	-	14.57	14.67	17.63	-5.58	-7.08	-3.29	14.38
	5885	177	14.84	13.49	17.23	-	-	-	14.84	13.46	17.22	-5.58	-7.08	-3.29	13.94

Mode : HE20 242T															
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	-	-	-	15.35	15.17	18.27	-	-	-	-	-	-	-
	5200	40	-	-	-	15.25	15.10	18.19	-	-	-	-	-	-	-
	5240	48	-	-	-	15.03	15.16	18.10	-	-	-	-	-	-	-
UNII2A	5260	52	-	-	-	15.37	15.24	18.32	-	-	-	-	-	-	-
	5300	60	-	-	-	15.40	15.23	18.33	-	-	-	-	-	-	-
	5320	64	-	-	-	15.11	15.10	18.12	-	-	-	-	-	-	-
UNII2C	5500	100	-	-	-	15.43	15.32	18.39	-	-	-	-	-	-	-
	5580	116	-	-	-	15.31	15.40	18.36	-	-	-	-	-	-	-
	5720	144	-	-	-	15.40	15.20	18.31	-	-	-	-	-	-	-
UNII3	5745	149	-	-	-	15.29	15.28	18.29	-	-	-	-	-	-	-
	5785	157	-	-	-	15.29	15.29	18.30	-	-	-	-	-	-	-
	5825	165	-	-	-	15.45	15.52	18.49	-	-	-	-	-	-	-
UNII4	5845	169	-	-	-	15.56	15.48	18.53	-	-	-	-5.58	-7.08	-3.29	15.24
	5865	173	-	-	-	15.54	15.50	18.53	-	-	-	-5.58	-7.08	-3.29	15.24
	5885	177	-	-	-	15.76	14.43	18.16	-	-	-	-5.58	-7.08	-3.29	14.87

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	-	-	-	14.97	14.82	17.91	-	-	-	-	-	-	-
	5200	40	-	-	-	14.93	14.77	17.86	-	-	-	-	-	-	-
	5240	48	-	-	-	14.69	14.86	17.79	-	-	-	-	-	-	-
UNII2A	5260	52	-	-	-	15.02	14.93	17.98	-	-	-	-	-	-	-
	5300	60	-	-	-	15.06	14.91	18.00	-	-	-	-	-	-	-
	5320	64	-	-	-	14.75	14.77	17.77	-	-	-	-	-	-	-
UNII2C	5500	100	-	-	-	15.08	15.01	18.05	-	-	-	-	-	-	-
	5580	116	-	-	-	14.94	15.08	18.02	-	-	-	-	-	-	-
	5720	144	-	-	-	15.05	14.88	17.97	-	-	-	-	-	-	-
UNII3	5745	149	-	-	-	14.92	14.96	17.95	-	-	-	-	-	-	-
	5785	157	-	-	-	14.91	15.00	17.96	-	-	-	-	-	-	-
	5825	165	-	-	-	15.08	15.21	18.16	-	-	-	-	-	-	-
UNII4	5845	169	-	-	-	15.20	15.16	18.19	-	-	-	-5.58	-7.08	-3.29	14.90
	5865	173	-	-	-	15.17	15.18	18.19	-	-	-	-5.58	-7.08	-3.29	14.90
	5885	177	-	-	-	15.39	14.01	17.77	-	-	-	-5.58	-7.08	-3.29	14.48

Mode : HE40 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	5190	38	9.75	9.98	12.88	9.86	10.10	13.00	9.60	9.78	12.70	-	-	-	-
	5230	46	9.54	9.75	12.66	9.61	9.95	12.79	9.38	9.69	12.55	-	-	-	-
UNII2A	5270	54	9.81	9.97	12.90	10.00	10.21	13.12	9.74	9.80	12.78	-	-	-	-
	5310	62	9.54	9.46	12.51	9.66	9.72	12.70	9.45	9.56	12.52	-	-	-	-
UNII2C	5510	102	9.76	9.80	12.79	9.91	10.08	13.01	9.68	9.75	12.72	-	-	-	-
	5550	110	9.76	9.88	12.83	10.00	10.22	13.12	9.80	10.01	12.92	-	-	-	-
	5710	142	9.95	10.27	13.12	9.98	10.33	13.16	9.73	9.91	12.83	-	-	-	-
UNII3	5755	151	9.64	9.95	12.81	9.75	10.09	12.93	9.56	9.79	12.69	-	-	-	-
	5795	159	9.77	10.11	12.95	9.90	10.27	13.10	9.75	9.97	12.87	-	-	-	-
UNII4	5835	167	9.92	10.35	13.15	10.06	10.45	13.27	9.83	10.08	12.97	-5.58	-7.08	-3.29	9.99
	5875	175	10.16	10.38	13.28	10.24	10.46	13.36	10.04	10.14	13.10	-5.58	-7.08	-3.29	10.07

Mode : HE40 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	5190	38	12.20	11.96	15.09	12.24	12.05	15.16	12.03	11.81	14.93	-	-	-	-
	5230	46	12.06	12.01	15.05	12.09	12.18	15.15	11.91	12.00	14.96	-	-	-	-
UNII2A	5270	54	12.23	11.96	15.11	12.38	12.15	15.28	12.17	11.86	15.03	-	-	-	-
	5310	62	12.13	11.52	14.85	12.23	11.75	15.01	12.06	11.66	14.87	-	-	-	-
UNII2C	5510	102	12.16	11.92	15.05	12.29	12.12	15.21	12.11	11.84	14.99	-	-	-	-
	5550	110	12.38	11.83	15.12	12.55	12.05	15.32	12.43	11.92	15.19	-	-	-	-
	5710	142	12.49	12.25	15.38	12.52	12.26	15.40	12.34	11.94	15.15	-	-	-	-
UNII3	5755	151	12.19	12.13	15.17	12.26	12.22	15.25	12.12	12.05	15.09	-	-	-	-
	5795	159	12.26	12.43	15.36	12.39	12.55	15.48	12.25	12.33	15.30	-	-	-	-
UNII4	5835	167	12.47	12.67	15.58	12.59	12.73	15.67	12.38	12.44	15.42	-5.58	-7.08	-3.29	12.38
	5875	175	12.51	12.67	15.60	12.57	12.69	15.64	12.42	12.44	15.44	-5.58	-7.08	-3.29	12.36

Mode : HE40 106T															
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	14.29	14.21	17.26	14.26	14.20	17.24	14.14	14.05	17.11	-	-	-	-
	5230	46	14.02	14.26	17.15	13.96	14.30	17.15	13.89	14.26	17.09	-	-	-	-
UNII2A	5270	54	14.23	14.30	17.27	14.32	14.38	17.36	14.25	14.22	17.25	-	-	-	-
	5310	62	13.97	13.72	16.86	13.94	13.82	16.89	13.89	13.85	16.88	-	-	-	-
UNII2C	5510	102	14.22	14.10	17.17	14.27	14.17	17.23	14.22	14.06	17.15	-	-	-	-
	5550	110	14.49	13.97	17.25	14.53	14.04	17.30	14.55	14.06	17.32	-	-	-	-
	5710	142	14.61	14.38	17.51	14.55	14.33	17.45	14.46	14.09	17.29	-	-	-	-
UNII3	5755	151	14.28	14.32	17.31	14.26	14.28	17.28	14.23	14.21	17.23	-	-	-	-
	5795	159	14.41	14.52	17.48	14.41	14.56	17.50	14.39	14.45	17.43	-	-	-	-
UNII4	5835	167	14.55	14.65	17.61	14.56	14.67	17.62	14.51	14.47	17.50	-5.58	-7.08	-3.29	14.33
	5875	175	14.59	14.78	17.70	14.59	14.74	17.68	14.54	14.59	17.58	-5.58	-7.08	-3.29	14.41

Mode : HE40 242T															
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	15.26	15.09	18.19	-	-	-	15.21	15.01	18.12	-	-	-	-
	5230	46	14.96	15.06	18.02	-	-	-	14.95	15.08	18.03	-	-	-	-
UNII2A	5270	54	15.29	15.17	18.24	-	-	-	15.33	15.17	18.26	-	-	-	-
	5310	62	14.97	14.69	17.85	-	-	-	14.98	14.82	17.91	-	-	-	-
UNII2C	5510	102	15.24	15.11	18.19	-	-	-	15.23	15.14	18.20	-	-	-	-
	5550	110	15.49	15.14	18.33	-	-	-	15.55	15.25	18.41	-	-	-	-
	5710	142	15.54	15.49	18.53	-	-	-	15.45	15.37	18.42	-	-	-	-
UNII3	5755	151	15.22	15.21	18.23	-	-	-	15.21	15.20	18.21	-	-	-	-
	5795	159	15.32	15.38	18.36	-	-	-	15.33	15.37	18.36	-	-	-	-
UNII4	5835	167	15.52	15.53	18.53	-	-	-	15.50	15.44	18.48	-5.58	-7.08	-3.29	15.25
	5875	175	15.49	15.55	18.53	-	-	-	15.50	15.46	18.49	-5.58	-7.08	-3.29	15.24

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	-	-	-	14.16	14.04	17.11	-	-	-	-	-	-	-
	5230	46	-	-	-	13.92	14.15	17.05	-	-	-	-	-	-	-
UNII2A	5270	54	-	-	-	14.23	14.18	17.22	-	-	-	-	-	-	-
	5310	62	-	-	-	13.82	13.76	16.80	-	-	-	-	-	-	-
UNII2C	5510	102	-	-	-	14.21	13.99	17.11	-	-	-	-	-	-	-
	5550	110	-	-	-	14.49	13.93	17.23	-	-	-	-	-	-	-
	5710	142	-	-	-	14.50	14.16	17.34	-	-	-	-	-	-	-
UNII3	5755	151	-	-	-	14.20	14.20	17.21	-	-	-	-	-	-	-
	5795	159	-	-	-	14.31	14.42	17.38	-	-	-	-	-	-	-
UNII4	5835	167	-	-	-	14.49	14.50	17.50	-	-	-	-5.58	-7.08	-3.29	14.22
	5875	175	-	-	-	14.48	14.59	17.54	-	-	-	-5.58	-7.08	-3.29	14.26

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	-	-	-	14.10	13.96	17.04	-	-	-	-	-	-	-
	5230	46	-	-	-	13.85	14.10	16.99	-	-	-	-	-	-	-
UNII2A	5270	54	-	-	-	14.15	14.12	17.15	-	-	-	-	-	-	-
	5310	62	-	-	-	13.81	13.71	16.77	-	-	-	-	-	-	-
UNII2C	5510	102	-	-	-	14.16	13.94	17.06	-	-	-	-	-	-	-
	5550	110	-	-	-	14.45	13.87	17.18	-	-	-	-	-	-	-
	5710	142	-	-	-	14.50	14.13	17.33	-	-	-	-	-	-	-
UNII3	5755	151	-	-	-	14.17	14.15	17.17	-	-	-	-	-	-	-
	5795	159	-	-	-	14.28	14.35	17.33	-	-	-	-	-	-	-
UNII4	5835	167	-	-	-	14.44	14.44	17.45	-	-	-	-5.58	-7.08	-3.29	14.17
	5875	175	-	-	-	14.44	14.53	17.50	-	-	-	-5.58	-7.08	-3.29	14.21

Mode : HE80 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	5210	42	9.25	9.66	12.47	8.80	9.20	12.01	9.22	9.75	12.50	-	-	-	-
UNII2A	5290	58	9.51	9.62	12.57	9.24	9.27	12.27	9.71	9.94	12.84	-	-	-	-
UNII2C	5530	106	9.38	9.51	12.46	9.06	9.23	12.16	9.67	9.86	12.78	-	-	-	-
	5610	122	9.71	9.70	12.71	9.47	9.47	12.48	10.05	9.94	13.00	-	-	-	-
	5690	138	9.68	9.99	12.85	9.29	9.68	12.50	9.62	9.88	12.76	-	-	-	-
UNII3	5775	155	9.34	9.73	12.55	9.02	9.40	12.22	9.56	9.77	12.68	-	-	-	-
UNII4	5855	171	9.61	10.23	12.95	9.25	9.80	12.54	9.72	10.04	12.89	-5.58	-7.08	-3.29	9.66

Mode : HE80 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	5210	42	11.83	11.92	14.89	11.48	11.54	14.52	11.80	12.03	14.93	-	-	-	-
UNII2A	5290	58	12.13	11.76	14.96	11.91	11.46	14.70	12.31	12.05	15.19	-	-	-	-
UNII2C	5530	106	11.94	11.46	14.71	11.77	11.26	14.54	12.27	11.82	15.06	-	-	-	-
	5610	122	12.13	11.59	14.88	11.95	11.44	14.72	12.38	11.79	15.11	-	-	-	-
	5690	138	12.41	12.02	15.23	12.06	11.75	14.92	12.31	11.85	15.10	-	-	-	-
UNII3	5775	155	11.98	11.98	14.99	11.73	11.71	14.73	12.14	12.05	15.10	-	-	-	-
UNII4	5855	171	12.16	12.61	15.40	11.92	12.18	15.07	12.27	12.37	15.33	-5.58	-7.08	-3.29	12.11

Mode : HE80 106T															
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	13.78	14.11	16.96	13.54	13.83	16.70	13.73	14.15	16.95	-	-	-	-
UNII2A	5290	58	13.88	14.09	17.00	13.78	13.85	16.83	14.07	14.27	17.18	-	-	-	-
UNII2C	5530	106	13.93	13.59	16.77	13.81	13.50	16.66	14.12	13.90	17.02	-	-	-	-
	5610	122	14.08	13.71	16.91	13.97	13.61	16.80	14.25	13.86	17.07	-	-	-	-
	5690	138	14.32	14.11	17.23	14.05	13.89	16.98	14.19	13.91	17.06	-	-	-	-
UNII3	5775	155	13.90	14.06	16.99	13.75	13.85	16.81	14.03	14.05	17.05	-	-	-	-
UNII4	5855	171	14.18	14.39	17.30	14.04	14.05	17.05	14.19	14.14	17.18	-5.58	-7.08	-3.29	14.01

Mode : HE80 242T															
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	14.74	14.80	17.78	14.68	14.73	17.71	14.52	14.71	17.63	-	-	-	-
UNII2A	5290	58	14.84	14.73	17.79	14.84	14.71	17.79	14.82	14.84	17.84	-	-	-	-
UNII2C	5530	106	14.82	14.52	17.69	14.82	14.53	17.69	14.94	14.70	17.83	-	-	-	-
	5610	122	14.99	14.72	17.87	15.03	14.76	17.91	15.06	14.72	17.90	-	-	-	-
	5690	138	15.27	15.02	18.16	15.22	15.01	18.13	15.05	14.74	17.91	-	-	-	-
UNII3	5775	155	14.83	14.90	17.87	14.90	14.87	17.90	14.80	14.78	17.80	-	-	-	-
UNII4	5855	171	15.10	15.24	18.18	15.08	15.13	18.11	15.00	14.87	17.95	-5.58	-7.08	-3.29	14.90

Mode : HE80 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	5210	42	13.67	13.91	16.80	-	-	-	13.51	13.84	16.69	-	-	-	-
UNII2A	5290	58	13.78	13.87	16.84	-	-	-	13.81	13.93	16.88	-	-	-	-
UNII2C	5530	106	13.82	13.41	16.63	-	-	-	13.86	13.55	16.72	-	-	-	-
	5610	122	13.97	13.59	16.79	-	-	-	14.01	13.58	16.81	-	-	-	-
	5690	138	14.22	13.96	17.10	-	-	-	14.02	13.79	16.92	-	-	-	-
UNII3	5775	155	13.77	13.87	16.83	-	-	-	13.78	13.83	16.81	-	-	-	-
UNII4	5855	171	14.07	14.22	17.15	-	-	-	13.99	13.96	16.99	-5.58	-7.08	-3.29	13.86

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	-	-	-	12.51	12.72	15.63	-	-	-	-	-	-	-
UNII2A	5290	58	-	-	-	12.74	12.75	15.76	-	-	-	-	-	-	-
UNII2C	5530	106	-	-	-	12.66	12.40	15.54	-	-	-	-	-	-	-
	5610	122	-	-	-	12.81	12.65	15.74	-	-	-	-	-	-	-
	5690	138	-	-	-	13.01	12.81	15.92	-	-	-	-	-	-	-
UNII3	5775	155	-	-	-	12.66	12.86	15.77	-	-	-	-	-	-	-
UNII4	5855	171	-	-	-	12.91	13.12	16.02	-	-	-	-5.58	-7.08	-3.29	12.74

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	-	-	-	12.32	12.54	15.44	-	-	-	-	-	-	-
UNII2A	5290	58	-	-	-	12.54	12.54	15.55	-	-	-	-	-	-	-
UNII2C	5530	106	-	-	-	12.47	12.19	15.34	-	-	-	-	-	-	-
	5610	122	-	-	-	12.63	12.41	15.53	-	-	-	-	-	-	-
	5690	138	-	-	-	12.79	12.60	15.71	-	-	-	-	-	-	-
UNII3	5775	155	-	-	-	12.44	12.71	15.59	-	-	-	-	-	-	-
UNII4	5855	171	-	-	-	12.71	12.96	15.85	-	-	-	-5.58	-7.08	-3.29	12.56

Mode : HE160(80L)																
Band	Tone	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				
UNII 1-2A	26T	5250	50	9.04	9.50	12.29	9.06	9.49	12.29	8.99	9.42	12.22	-	-	-	-
UNII 2C		5570	114	8.50	9.36	11.96	8.60	9.46	12.06	8.75	9.65	12.23	-	-	-	-
UNII 3-4		5815	163	9.22	9.83	12.54	9.33	9.99	12.69	9.38	9.88	12.65	-5.58	-7.08	-3.29	9.40
UNII 1-2A	52T	5250	50	11.59	11.58	14.59	11.53	11.58	14.56	11.54	11.61	14.59	-	-	-	-
UNII 2C		5570	114	11.15	11.47	14.32	11.23	11.58	14.42	11.40	11.75	14.59	-	-	-	-
UNII 3-4		5815	163	11.78	12.19	15.00	11.88	12.26	15.08	11.95	12.21	15.09	-5.58	-7.08	-3.29	11.81
UNII 1-2A	106T	5250	50	13.79	13.86	16.83	13.67	13.80	16.75	13.68	13.82	16.76	-	-	-	-
UNII 2C		5570	114	13.17	13.81	16.51	13.22	13.86	16.56	13.33	14.03	16.70	-	-	-	-
UNII 3-4		5815	163	13.97	14.32	17.16	14.01	14.30	17.17	14.07	14.30	17.20	-5.58	-7.08	-3.29	13.91
UNII 1-2A	242T	5250	50	14.80	14.80	17.81	14.74	14.76	17.76	14.56	14.73	17.66	-	-	-	-
UNII 2C		5570	114	14.13	14.69	17.43	14.12	14.73	17.45	14.25	14.90	17.60	-	-	-	-
UNII 3-4		5815	163	14.98	15.16	18.08	14.91	15.10	18.02	14.96	15.06	18.02	-5.58	-7.08	-3.29	14.79
UNII 1-2A	484T	5250	50	13.70	13.74	16.73	-	-	-	13.57	13.68	16.63	-	-	-	-
UNII 2C		5570	114	13.08	13.67	16.39	-	-	-	13.19	13.82	16.53	-	-	-	-
UNII 3-4		5815	163	13.90	14.21	17.06	-	-	-	13.88	14.18	17.04	-5.58	-7.08	-3.29	13.78
UNII 1-2A	996T	5250	50	-	-	-	12.59	12.61	15.61	-	-	-	-	-	-	-
UNII 2C		5570	114	-	-	-	12.19	12.79	15.52	-	-	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	12.87	13.21	16.05	-	-	-	-5.58	-7.08	-3.29	12.76

Mode : HE160(80U)																
Band	Tone	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				
UNII 1-2A	26T	5250	50	8.95	9.59	12.29	9.12	9.52	12.33	8.98	9.61	12.31	-	-	-	-
UNII 2C		5570	114	8.80	9.73	12.30	8.85	9.73	12.32	8.82	9.73	12.31	-	-	-	-
UNII 3-4		5815	163	9.42	9.86	12.66	9.39	9.74	12.58	9.29	9.39	12.35	-5.58	-7.08	-3.29	9.37
UNII 1-2A	52T	5250	50	11.43	11.64	14.55	11.53	11.64	14.59	11.51	11.71	14.62	-	-	-	-
UNII 2C		5570	114	11.36	11.80	14.59	11.46	11.83	14.66	11.47	11.77	14.63	-	-	-	-
UNII 3-4		5815	163	11.91	12.22	15.08	11.93	11.99	14.97	11.85	11.74	14.81	-5.58	-7.08	-3.29	11.79
UNII 1-2A	106T	5250	50	13.62	13.86	16.75	13.68	13.89	16.80	13.66	13.94	16.81	-	-	-	-
UNII 2C		5570	114	13.33	14.10	16.74	13.39	14.10	16.77	13.46	14.06	16.78	-	-	-	-
UNII 3-4		5815	163	14.06	14.25	17.16	14.04	14.07	17.06	13.97	13.87	16.93	-5.58	-7.08	-3.29	13.88
UNII 1-2A	242T	5250	50	14.57	14.73	17.66	14.54	14.70	17.63	14.56	14.81	17.70	-	-	-	-
UNII 2C		5570	114	14.26	14.97	17.64	14.31	15.01	17.68	14.35	14.96	17.68	-	-	-	-
UNII 3-4		5815	163	14.97	14.98	17.99	14.94	14.92	17.94	14.88	14.67	17.79	-5.58	-7.08	-3.29	14.70
UNII 1-2A	484T	5250	50	13.54	13.69	16.62	-	-	-	13.54	13.76	16.67	-	-	-	-
UNII 2C		5570	114	13.25	13.94	16.62	-	-	-	13.31	13.95	16.65	-	-	-	-
UNII 3-4		5815	163	13.93	14.04	17.00	-	-	-	13.87	13.81	16.85	-5.58	-7.08	-3.29	13.71
UNII 1-2A	996T	5250	50	-	-	-	12.50	12.66	15.59	-	-	-	-	-	-	-
UNII 2C		5570	114	-	-	-	12.35	13.00	15.70	-	-	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	12.85	12.96	15.92	-	-	-	-5.58	-7.08	-3.29	12.63

Mode : HE160																
Band	Tone	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				
UNII 1-2A	SU	5250	50	-	-	-	11.55	11.57	14.57	-	-	-	-	-	-	-
UNII 2C		5570	114	-	-	-	11.40	11.72	14.57	-	-	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	11.94	12.18	15.07	-	-	-	-5.58	-7.08	-3.29	11.79
UNII 1-2A	2x996T	5250	50	-	-	-	11.58	11.62	14.61	-	-	-	-	-	-	-
UNII 2C		5570	114	-	-	-	11.46	11.78	14.64	-	-	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	11.94	12.17	15.06	-	-	-	-5.58	-7.08	-3.29	11.77

10.5 POWER SPECTRAL DENSITY

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

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

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

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

Limit(UNII 3) : 30.0 dBm/500 kHz

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

10.5.1 MIMO_CDD(Ant.1+Ant.2)

Mode: HE20 26T															
Band	Freq. [MHz]	CH.	Total Power Spectral Density [dBm/MHz]									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	7.464	7.676	10.581	6.056	6.301	9.190	7.499	7.603	10.561	-	-	-	-
	5200	40	7.397	7.591	10.505	6.218	6.418	9.329	7.451	7.417	10.444	-	-	-	-
	5240	48	7.369	7.315	10.352	5.688	5.858	8.784	7.075	7.375	10.238	-	-	-	-
UNII2A	5260	52	7.692	7.630	10.671	6.121	6.201	9.171	7.601	7.378	10.501	-	-	-	-
	5300	60	7.713	7.747	10.740	6.209	6.257	9.243	7.378	7.503	10.451	-	-	-	-
	5320	64	7.020	7.360	10.204	5.913	5.929	8.931	7.220	7.523	10.384	-	-	-	-
UNII2C	5500	100	7.570	7.444	10.518	6.351	6.368	9.370	7.427	7.640	10.545	-	-	-	-
	5580	116	7.583	7.806	10.706	6.306	6.201	9.264	7.821	7.484	10.666	-	-	-	-
	5720	144	7.424	7.579	10.512	6.142	6.251	9.207	7.239	7.631	10.450	-	-	-	-
UNII3	5745	149	4.510	5.216	7.888	4.303	4.657	7.494	4.939	4.975	7.967	-	-	-	-
	5785	157	5.071	5.142	8.117	4.227	4.328	7.288	4.805	4.952	7.889	-	-	-	-
	5825	165	4.928	5.418	8.190	4.248	4.606	7.441	4.904	5.049	7.987	-	-	-	-
UNII4	5845	169	7.808	7.898	10.863	6.248	6.280	9.274	7.842	7.880	10.871	-5.58	-7.08	-3.29	7.584
	5865	173	7.686	7.809	10.758	6.469	6.486	9.488	7.712	7.670	10.701	-5.58	-7.08	-3.29	7.471
	5885	177	7.826	6.650	10.288	6.582	5.377	9.031	7.935	6.585	10.322	-5.58	-7.08	-3.29	7.035

Mode: HE20 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	5180	36	7.235	6.924	10.093	7.036	6.545	9.808	7.013	6.657	9.849	-	-	-	-
	5200	40	7.209	6.982	10.108	6.808	6.685	9.757	6.913	6.932	9.933	-	-	-	-
	5240	48	6.864	6.828	9.857	6.525	6.769	9.659	6.743	6.839	9.802	-	-	-	-
UNII2A	5260	52	6.974	7.017	10.006	6.981	6.725	9.865	7.085	6.793	9.952	-	-	-	-
	5300	60	7.198	6.953	10.088	7.358	6.815	10.106	7.401	6.748	10.097	-	-	-	-
	5320	64	6.834	6.729	9.792	7.000	6.495	9.765	6.993	6.788	9.902	-	-	-	-
UNII2C	5500	100	7.342	6.973	10.172	7.151	6.613	9.901	7.188	6.857	10.036	-	-	-	-
	5580	116	7.091	6.864	9.990	7.067	6.721	9.908	7.190	7.015	10.114	-	-	-	-
	5720	144	7.243	6.927	10.098	6.983	6.642	9.826	7.196	6.654	9.944	-	-	-	-
UNII3	5745	149	4.221	4.263	7.253	4.169	4.071	7.131	4.283	4.389	7.347	-	-	-	-
	5785	157	4.159	4.553	7.371	3.815	4.484	7.173	4.356	4.511	7.445	-	-	-	-
	5825	165	4.255	4.882	7.590	4.351	4.351	7.362	4.465	4.628	7.558	-	-	-	-
UNII4	5845	169	7.515	7.750	10.645	7.386	7.325	10.366	7.397	7.299	10.359	-5.58	-7.08	-3.29	7.357
	5865	173	7.511	7.526	10.529	7.217	7.418	10.329	7.361	7.406	10.394	-5.58	-7.08	-3.29	7.242
	5885	177	7.467	6.768	10.142	7.535	6.337	9.988	7.762	6.342	10.120	-5.58	-7.08	-3.29	6.855

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	6.069	6.023	9.057	-	-	-	6.104	5.938	9.032	-	-	-	-
	5200	40	5.868	6.117	9.005	-	-	-	5.917	5.912	8.925	-	-	-	-
	5240	48	5.790	6.069	8.942	-	-	-	5.876	6.213	9.058	-	-	-	-
UNII2A	5260	52	6.041	6.282	9.174	-	-	-	6.045	6.082	9.074	-	-	-	-
	5300	60	5.905	6.035	8.981	-	-	-	6.041	6.009	9.036	-	-	-	-
	5320	64	5.893	5.889	8.902	-	-	-	6.165	6.077	9.132	-	-	-	-
UNII2C	5500	100	6.394	6.220	9.319	-	-	-	6.357	6.118	9.250	-	-	-	-
	5580	116	6.233	6.148	9.201	-	-	-	6.190	5.831	9.025	-	-	-	-
	5720	144	6.522	5.891	9.229	-	-	-	6.131	6.039	9.096	-	-	-	-
UNII3	5745	149	3.365	3.303	6.345	-	-	-	3.299	3.402	6.362	-	-	-	-
	5785	157	3.233	3.655	6.460	-	-	-	3.317	3.384	6.361	-	-	-	-
	5825	165	3.325	3.763	6.560	-	-	-	3.380	3.926	6.672	-	-	-	-
UNII4	5845	169	6.265	6.282	9.284	-	-	-	6.359	6.571	9.477	-5.58	-7.08	-3.29	6.190
	5865	173	6.396	6.752	9.588	-	-	-	6.397	6.370	9.394	-5.58	-7.08	-3.29	6.301
	5885	177	6.473	5.206	8.896	-	-	-	6.655	5.227	9.010	-5.58	-7.08	-3.29	5.723

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	-	-	-	3.626	3.414	6.532	-	-	-	-	-	-	-
	5200	40	-	-	-	3.644	3.464	6.566	-	-	-	-	-	-	-
	5240	48	-	-	-	3.356	3.462	6.420	-	-	-	-	-	-	-
UNII2A	5260	52	-	-	-	3.654	3.549	6.613	-	-	-	-	-	-	-
	5300	60	-	-	-	3.969	3.488	6.746	-	-	-	-	-	-	-
	5320	64	-	-	-	3.435	3.458	6.457	-	-	-	-	-	-	-
UNII2C	5500	100	-	-	-	3.715	3.583	6.660	-	-	-	-	-	-	-
	5580	116	-	-	-	3.533	3.511	6.533	-	-	-	-	-	-	-
	5720	144	-	-	-	3.611	3.520	6.576	-	-	-	-	-	-	-
UNII3	5745	149	-	-	-	0.815	0.648	3.743	-	-	-	-	-	-	-
	5785	157	-	-	-	0.984	0.810	3.909	-	-	-	-	-	-	-
	5825	165	-	-	-	1.025	1.118	4.082	-	-	-	-	-	-	-
UNII4	5845	169	-	-	-	3.650	3.749	6.710	-	-	-	-5.58	-7.08	-3.29	3.423
	5865	173	-	-	-	3.905	3.804	6.865	-	-	-	-5.58	-7.08	-3.29	3.578
	5885	177	-	-	-	4.015	2.857	6.485	-	-	-	-5.58	-7.08	-3.29	3.198

Mode : HE20 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				
UNII1	5180	36	-	-	-	3.017	2.925	5.982	-	-	-	-	-	-	-
	5200	40	-	-	-	3.079	3.076	6.088	-	-	-	-	-	-	-
	5240	48	-	-	-	2.747	2.939	5.855	-	-	-	-	-	-	-
UNII2A	5260	52	-	-	-	3.160	3.217	6.199	-	-	-	-	-	-	-
	5300	60	-	-	-	3.167	3.073	6.131	-	-	-	-	-	-	-
	5320	64	-	-	-	2.945	2.934	5.950	-	-	-	-	-	-	-
UNII2C	5500	100	-	-	-	3.304	3.085	6.206	-	-	-	-	-	-	-
	5580	116	-	-	-	3.136	3.309	6.234	-	-	-	-	-	-	-
	5720	144	-	-	-	3.342	3.022	6.195	-	-	-	-	-	-	-
UNII3	5745	149	-	-	-	0.382	0.468	3.436	-	-	-	-	-	-	-
	5785	157	-	-	-	0.527	0.353	3.451	-	-	-	-	-	-	-
	5825	165	-	-	-	0.562	0.658	3.621	-	-	-	-	-	-	-
UNII4	5845	169	-	-	-	3.370	3.232	6.312	-	-	-	-5.58	-7.08	-3.29	3.025
	5865	173	-	-	-	3.366	3.502	6.445	-	-	-	-5.58	-7.08	-3.29	3.158
	5885	177	-	-	-	3.633	2.359	6.053	-	-	-	-5.58	-7.08	-3.29	2.766

Mode : HE40 26T															
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]	[dBi]	[dBi]	[dBi]	[dBi]	[dBi]	[dBi]	[dBi]	[dBi]	[dBi]	[dBm/MHz]
UNII1	5190	38	7.404	7.301	10.363	7.411	7.599	10.516	7.060	6.895	9.988	-	-	-	-
	5230	46	6.695	7.209	9.970	6.949	7.627	10.311	6.866	6.751	9.819	-	-	-	-
UNII2A	5270	54	7.020	7.154	10.098	7.486	7.338	10.423	6.600	6.970	9.799	-	-	-	-
	5310	62	6.717	7.136	9.942	7.022	7.150	10.097	6.757	6.965	9.872	-	-	-	-
UNII2C	5510	102	7.092	7.008	10.060	7.600	7.371	10.497	6.993	7.230	10.123	-	-	-	-
	5550	110	7.182	7.215	10.209	7.464	7.668	10.577	7.065	7.461	10.278	-	-	-	-
	5710	142	7.324	7.459	10.402	7.587	8.060	10.840	7.222	7.387	10.315	-	-	-	-
UNII3	5755	151	4.322	4.657	7.503	4.705	4.297	7.516	4.168	4.523	7.359	-	-	-	-
	5795	159	4.508	4.392	7.461	4.511	4.683	7.608	4.751	4.468	7.622	-	-	-	-
UNII4	5835	167	7.249	7.777	10.531	7.267	7.877	10.593	7.191	7.281	10.246	-5.58	-7.08	-3.29	7.306
	5875	175	7.511	7.427	10.479	7.929	7.903	10.926	7.365	7.331	10.358	-5.58	-7.08	-3.29	7.639

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]	[dBi]	[dBi]	[dBi]	[dBi]	[dBi]	[dBi]	[dBi]	[dBi]	[dBi]	[dBm/MHz]
UNII1	5190	38	6.679	6.543	9.622	7.001	6.809	9.916	6.736	6.351	9.558	-	-	-	-
	5230	46	6.607	6.855	9.743	6.726	6.816	9.781	6.697	6.667	9.692	-	-	-	-
UNII2A	5270	54	6.771	6.649	9.721	6.954	6.651	9.815	6.533	6.790	9.674	-	-	-	-
	5310	62	6.703	6.145	9.443	7.056	6.690	9.887	6.976	6.375	9.696	-	-	-	-
UNII2C	5510	102	6.777	6.206	9.511	6.981	6.881	9.942	7.283	6.376	9.863	-	-	-	-
	5550	110	6.869	6.300	9.604	7.156	6.574	9.885	6.881	6.264	9.594	-	-	-	-
	5710	142	6.985	6.700	9.855	7.044	6.948	10.006	7.141	6.323	9.761	-	-	-	-
UNII3	5755	151	3.935	4.090	7.023	4.176	4.513	7.358	3.663	3.761	6.723	-	-	-	-
	5795	159	4.036	4.122	7.089	4.058	4.452	7.270	4.221	4.308	7.275	-	-	-	-
UNII4	5835	167	7.065	7.183	10.135	7.236	7.275	10.266	6.922	7.202	10.074	-5.58	-7.08	-3.29	6.978
	5875	175	6.955	7.027	10.001	7.103	7.501	10.317	6.869	6.764	9.827	-5.58	-7.08	-3.29	7.029

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	6.125	5.705	8.930	6.039	5.893	8.977	5.890	5.534	8.726	-	-	-	-
	5230	46	5.445	5.938	8.709	5.542	6.124	8.853	5.757	5.727	8.752	-	-	-	-
UNII2A	5270	54	5.824	5.897	8.871	5.828	5.772	8.810	5.984	5.849	8.927	-	-	-	-
	5310	62	5.711	5.556	8.645	5.720	5.646	8.694	5.582	5.727	8.665	-	-	-	-
UNII2C	5510	102	5.741	5.729	8.745	5.865	5.661	8.775	5.933	5.769	8.862	-	-	-	-
	5550	110	6.195	5.753	8.990	6.230	5.570	8.923	6.173	5.503	8.861	-	-	-	-
	5710	142	6.086	6.066	9.086	6.010	6.030	9.030	6.060	5.763	8.924	-	-	-	-
UNII3	5755	151	3.177	3.484	6.344	3.163	3.168	6.176	3.066	3.261	6.175	-	-	-	-
	5795	159	3.175	3.142	6.169	3.256	3.304	6.290	3.460	3.245	6.364	-	-	-	-
UNII4	5835	167	6.041	6.472	9.272	6.298	6.362	9.340	6.058	6.116	9.097	-5.58	-7.08	-3.29	6.053
	5875	175	6.237	6.520	9.391	6.252	6.433	9.354	6.104	6.130	9.127	-5.58	-7.08	-3.29	6.104

Mode : HE40 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	5190	38	3.609	3.119	6.381	-	-	-	3.414	3.098	6.269	-	-	-	-
	5230	46	3.247	3.263	6.266	-	-	-	2.855	3.329	6.109	-	-	-	-
UNII2A	5270	54	3.405	3.412	6.419	-	-	-	3.406	3.328	6.378	-	-	-	-
	5310	62	3.259	2.998	6.141	-	-	-	3.179	2.878	6.042	-	-	-	-
UNII2C	5510	102	3.222	3.240	6.242	-	-	-	3.411	3.275	6.354	-	-	-	-
	5550	110	3.759	3.437	6.611	-	-	-	3.875	3.487	6.696	-	-	-	-
	5710	142	3.666	3.497	6.593	-	-	-	3.623	3.360	6.504	-	-	-	-
UNII3	5755	151	0.788	0.584	3.698	-	-	-	0.483	0.476	3.490	-	-	-	-
	5795	159	0.834	0.761	3.808	-	-	-	0.797	0.918	3.868	-	-	-	-
UNII4	5835	167	3.702	3.735	6.729	-	-	-	3.699	3.584	6.652	-5.58	-7.08	-3.29	3.442
	5875	175	3.619	3.705	6.673	-	-	-	3.629	3.617	6.634	-5.58	-7.08	-3.29	3.385

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	-	-	-	-0.505	-0.784	2.368	-	-	-	-	-	-	-
	5230	46	-	-	-	-0.969	-0.723	2.166	-	-	-	-	-	-	-
UNII2A	5270	54	-	-	-	-0.574	-0.545	2.451	-	-	-	-	-	-	-
	5310	62	-	-	-	-0.803	-0.688	2.265	-	-	-	-	-	-	-
UNII2C	5510	102	-	-	-	-0.353	-0.756	2.460	-	-	-	-	-	-	-
	5550	110	-	-	-	-0.278	-0.851	2.455	-	-	-	-	-	-	-
	5710	142	-	-	-	-0.073	-0.426	2.764	-	-	-	-	-	-	-
UNII3	5755	151	-	-	-	-3.424	-3.300	-0.351	-	-	-	-	-	-	-
	5795	159	-	-	-	-3.071	-2.974	-0.012	-	-	-	-	-	-	-
UNII4	5835	167	-	-	-	-0.259	-0.238	2.762	-	-	-	-5.58	-7.08	-3.29	-0.526
	5875	175	-	-	-	-0.289	-0.364	2.684	-	-	-	-5.58	-7.08	-3.29	-0.604

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	-	-	-	-0.804	-1.018	2.100	-	-	-	-	-	-	-
	5230	46	-	-	-	-1.087	-0.553	2.198	-	-	-	-	-	-	-
UNII2A	5270	54	-	-	-	-0.699	-0.450	2.437	-	-	-	-	-	-	-
	5310	62	-	-	-	-1.081	-0.990	1.975	-	-	-	-	-	-	-
UNII2C	5510	102	-	-	-	-0.817	-0.859	2.172	-	-	-	-	-	-	-
	5550	110	-	-	-	-0.548	-0.893	2.293	-	-	-	-	-	-	-
	5710	142	-	-	-	-0.496	-0.621	2.452	-	-	-	-	-	-	-
UNII3	5755	151	-	-	-	-3.529	-3.394	-0.451	-	-	-	-	-	-	-
	5795	159	-	-	-	-3.342	-3.465	-0.393	-	-	-	-	-	-	-
UNII4	5835	167	-	-	-	-0.238	-0.389	2.697	-	-	-	-5.58	-7.08	-3.29	-0.590
	5875	175	-	-	-	-0.512	-0.272	2.620	-	-	-	-5.58	-7.08	-3.29	-0.668

Mode : HE80 26T															
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	6.441	7.057	9.771	4.890	5.272	8.096	6.018	7.107	9.607	-	-	-	-
UNII2A	5290	58	6.775	7.183	9.994	5.552	5.372	8.474	7.063	7.304	10.196	-	-	-	-
UNII2C	5530	106	6.558	6.534	9.557	5.317	5.294	8.316	7.056	6.918	9.998	-	-	-	-
	5610	122	6.837	7.004	9.932	6.004	5.872	8.949	7.219	7.286	10.263	-	-	-	-
	5690	138	7.426	7.169	10.310	5.480	6.285	8.912	6.894	6.878	9.897	-	-	-	-
UNII3	5775	155	3.905	4.064	6.996	3.135	3.631	6.401	4.158	3.976	7.079	-	-	-	-
UNII4	5855	171	6.660	7.324	10.015	5.532	6.304	8.946	7.231	7.363	10.308	-5.58	-7.08	-3.29	7.021

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	6.281	6.440	9.372	6.210	5.881	9.059	6.568	6.404	9.497	-	-	-	-
UNII2A	5290	58	6.620	6.357	9.501	6.196	5.952	9.086	6.945	6.643	9.807	-	-	-	-
UNII2C	5530	106	6.874	5.957	9.450	6.096	5.680	8.904	6.920	6.492	9.722	-	-	-	-
	5610	122	6.497	6.337	9.428	6.304	5.755	9.049	7.017	6.275	9.672	-	-	-	-
	5690	138	6.960	6.514	9.753	6.548	6.485	9.527	6.668	6.197	9.449	-	-	-	-
UNII3	5775	155	3.721	3.642	6.692	3.382	3.513	6.459	3.913	3.746	6.841	-	-	-	-
UNII4	5855	171	6.822	7.057	9.952	6.616	6.797	9.718	6.759	6.894	9.838	-5.58	-7.08	-3.29	6.664

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	5.387	5.688	8.551	5.069	5.389	8.243	5.538	5.614	8.587	-	-	-	-
UNII2A	5290	58	5.687	5.599	8.654	5.299	5.517	8.420	5.881	5.869	8.886	-	-	-	-
UNII2C	5530	106	5.547	4.964	8.276	5.213	5.067	8.151	5.770	5.279	8.542	-	-	-	-
	5610	122	5.670	5.279	8.490	5.249	5.046	8.159	6.158	5.599	8.898	-	-	-	-
	5690	138	6.161	5.878	9.032	5.601	5.400	8.512	5.892	5.217	8.578	-	-	-	-
UNII3	5775	155	2.737	2.874	5.817	2.224	2.566	5.409	3.240	2.745	6.010	-	-	-	-
UNII4	5855	171	5.843	5.934	8.899	5.577	5.635	8.617	5.916	5.641	8.791	-5.58	-7.08	-3.29	5.612

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	2.704	2.842	5.783	2.761	2.829	5.805	2.730	2.809	5.780	-	-	-	-
UNII2A	5290	58	2.658	2.895	5.788	3.016	2.567	5.807	3.194	2.847	6.034	-	-	-	-
UNII2C	5530	106	3.176	2.476	5.850	2.798	2.568	5.694	3.114	2.847	5.992	-	-	-	-
	5610	122	3.042	2.631	5.851	3.143	2.937	6.051	3.101	2.916	6.019	-	-	-	-
	5690	138	3.604	3.300	6.464	3.148	3.179	6.173	3.051	2.784	5.929	-	-	-	-
UNII3	5775	155	0.049	0.042	3.055	0.065	0.094	3.089	0.246	0.098	3.182	-	-	-	-
UNII4	5855	171	3.184	3.404	6.305	3.125	3.207	6.176	3.105	3.155	6.140	-5.58	-7.08	-3.29	3.018

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	-1.269	-0.819	1.973	-	-	-	-1.142	-0.455	2.226	-	-	-	-
UNII2A	5290	58	-1.073	-0.968	1.990	-	-	-	-0.805	-0.582	2.319	-	-	-	-
UNII2C	5530	106	-1.078	-1.274	1.836	-	-	-	-0.748	-0.693	2.290	-	-	-	-
	5610	122	-0.917	-1.523	1.801	-	-	-	-0.447	-0.896	2.345	-	-	-	-
	5690	138	-0.765	-0.888	2.185	-	-	-	-0.588	-1.028	2.208	-	-	-	-
UNII3	5775	155	-3.882	-4.019	-0.939	-	-	-	-3.687	-3.806	-0.735	-	-	-	-
UNII4	5855	171	-0.607	-0.564	2.425	-	-	-	-0.761	-0.716	2.272	-5.58	-7.08	-3.29	-0.862

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	-	-	-	-5.026	-5.088	-2.047	-	-	-	-	-	-	-
UNII2A	5290	58	-	-	-	-4.695	-4.578	-1.626	-	-	-	-	-	-	-
UNII2C	5530	106	-	-	-	-4.591	-4.854	-1.710	-	-	-	-	-	-	-
	5610	122	-	-	-	-4.660	-5.075	-1.852	-	-	-	-	-	-	-
	5690	138	-	-	-	-4.462	-4.875	-1.653	-	-	-	-	-	-	-
UNII3	5775	155	-	-	-	-7.341	-7.479	-4.399	-	-	-	-	-	-	-
UNII4	5855	171	-	-	-	-4.589	-4.361	-1.463	-	-	-	-5.58	-7.08	-3.29	-4.751

Mode : HE80 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	5210	42	-	-	-	-5.416	-4.949	-2.166	-	-	-	-	-	-	-
UNII2A	5290	58	-	-	-	-4.587	-4.928	-1.744	-	-	-	-	-	-	-
UNII2C	5530	106	-	-	-	-4.515	-5.104	-1.789	-	-	-	-	-	-	-
	5610	122	-	-	-	-4.704	-5.353	-2.006	-	-	-	-	-	-	-
	5690	138	-	-	-	-4.754	-5.257	-1.988	-	-	-	-	-	-	-
UNII3	5775	155	-	-	-	-7.663	-7.578	-4.610	-	-	-	-	-	-	-
UNII4	5855	171	-	-	-	-4.494	-4.531	-1.502	-	-	-	-5.58	-7.08	-3.29	-4.789

Mode : HE160(80L)

Band	Tone	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]
UNII 1-2A	26T	5250	50	6.076	6.911	9.524	5.234	5.359	8.307	6.112	6.487	9.314	-	-	-	-
UNII 2C		5570	114	5.475	6.022	8.768	4.613	5.365	8.016	6.205	6.545	9.389	-	-	-	-
UNII 3-4		5815	163	6.464	6.781	9.636	5.586	6.103	8.863	6.184	6.999	9.621	-5.58	-7.08	-3.29	6.349
UNII 1-2A	52T	5250	50	6.316	5.703	9.031	5.629	6.014	8.836	5.818	6.462	9.163	-	-	-	-
UNII 2C		5570	114	5.672	5.522	8.608	5.768	6.045	8.919	6.065	6.294	9.192	-	-	-	-
UNII 3-4		5815	163	6.221	6.613	9.432	6.198	6.644	9.437	6.264	6.703	9.500	-5.58	-7.08	-3.29	6.212
UNII 1-2A	106T	5250	50	5.232	5.401	8.328	5.155	5.443	8.312	5.122	5.195	8.169	-	-	-	-
UNII 2C		5570	114	4.797	5.287	8.060	4.883	5.468	8.196	4.606	5.673	8.183	-	-	-	-
UNII 3-4		5815	163	5.316	5.698	8.522	5.580	5.797	8.701	5.476	5.805	8.654	-5.58	-7.08	-3.29	5.413
UNII 1-2A	242T	5250	50	2.832	2.634	5.745	2.722	2.875	5.810	2.359	2.741	5.565	-	-	-	-
UNII 2C		5570	114	2.254	2.756	5.523	1.966	2.846	5.439	2.211	2.780	5.515	-	-	-	-
UNII 3-4		5815	163	3.020	3.212	6.127	2.803	3.080	5.954	2.834	2.958	5.907	-5.58	-7.08	-3.29	2.840
UNII 1-2A	484T	5250	50	-1.290	-0.955	1.891	-	-	-	-1.582	-1.176	1.636	-	-	-	-
UNII 2C		5570	114	-1.792	-1.404	1.417	-	-	-	-1.749	-1.252	1.517	-	-	-	-
UNII 3-4		5815	163	-1.072	-0.915	2.018	-	-	-	-1.259	-0.687	2.047	-5.58	-7.08	-3.29	-1.241
UNII 1-2A	996T	5250	50	-	-	-	-5.339	-5.492	-2.404	-	-	-	-	-	-	-
UNII 2C		5570	114	-	-	-	-5.522	-5.277	-2.387	-	-	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	-5.143	-4.764	-1.939	-	-	-	-5.58	-7.08	-3.29	-5.226

Mode : HE160(80U)

Band	Tone	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]
UNII 1-2A	26T	5250	50	5.936	6.610	9.297	5.359	5.043	8.214	6.061	6.649	9.375	-	-	-	-
UNII 2C		5570	114	5.843	6.939	9.436	5.142	5.641	8.409	5.842	6.593	9.244	-	-	-	-
UNII 3-4		5815	163	6.534	6.795	9.677	5.002	5.916	8.493	6.474	5.831	9.175	-5.58	-7.08	-3.29	6.390
UNII 1-2A	52T	5250	50	5.665	5.842	8.765	5.969	6.041	9.016	5.872	6.010	8.952	-	-	-	-
UNII 2C		5570	114	5.406	6.242	8.855	5.844	6.701	9.304	5.861	6.397	9.148	-	-	-	-
UNII 3-4		5815	163	6.089	6.541	9.332	5.962	6.254	9.121	6.389	6.274	9.343	-5.58	-7.08	-3.29	6.055
UNII 1-2A	106T	5250	50	4.896	5.263	8.094	5.238	5.496	8.380	5.053	5.456	8.270	-	-	-	-
UNII 2C		5570	114	4.580	5.909	8.306	4.903	5.558	8.254	4.836	5.631	8.262	-	-	-	-
UNII 3-4		5815	163	5.217	5.665	8.457	5.444	5.355	8.410	5.548	5.468	8.519	-5.58	-7.08	-3.29	5.231
UNII 1-2A	242T	5250	50	2.647	2.747	5.708	2.488	2.725	5.618	2.888	2.723	5.817	-	-	-	-
UNII 2C		5570	114	2.458	2.881	5.685	2.292	3.131	5.742	2.449	2.936	5.710	-	-	-	-
UNII 3-4		5815	163	2.775	2.956	5.877	2.843	2.918	5.891	2.862	2.691	5.788	-5.58	-7.08	-3.29	2.604
UNII 1-2A	484T	5250	50	-1.269	-1.015	1.870	-	-	-	-1.291	-1.224	1.753	-	-	-	-
UNII 2C		5570	114	-1.799	-0.751	1.767	-	-	-	-1.586	-1.007	1.724	-	-	-	-
UNII 3-4		5815	163	-1.048	-0.995	1.989	-	-	-	-1.094	-0.790	2.071	-5.58	-7.08	-3.29	-1.216
UNII 1-2A	996T	5250	50	-	-	-	-5.407	-5.080	-2.230	-	-	-	-	-	-	-
UNII 2C		5570	114	-	-	-	-5.642	-4.653	-2.109	-	-	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	-4.722	-4.853	-1.777	-	-	-	-5.58	-7.08	-3.29	-5.064

Mode : HE160

Band	Tone	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]
UNII 1-2A	SU	5250	50	-	-	-	-9.223	-9.556	-6.376	-	-	-	-	-	-	-
UNII 2C		5570	114	-	-	-	-9.008	-9.174	-6.080	-	-	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	-8.972	-8.888	-5.919	-	-	-	-5.58	-7.08	-3.29	-9.207
UNII 1-2A	2x996T	5250	50	-	-	-	-9.402	-9.198	-6.288	-	-	-	-	-	-	-
UNII 2C		5570	114	-	-	-	-9.471	-9.558	-6.504	-	-	-	-	-	-	-
UNII 3-4		5815	163	-	-	-	-8.996	-8.679	-5.824	-	-	-	-5.58	-7.08	-3.29	-9.112

Test Plots

[MIMO_CDD(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 8



Bandwidth 40M Ch.175(5875 MHz) 26 Tone RU 9



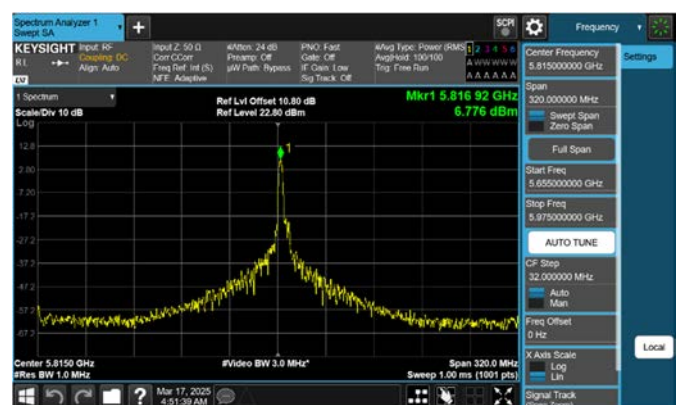
Ant.1

Ant.2

Bandwidth 80M Ch.138 (5690 MHz) 26 Tone RU 0



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



10.6 STRADDLE CHANNEL

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

Note:

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

10.6.1 Ant.1

Mode : HE20										
Freq.[MHz]	CH.	Tone	RUIndex	26dB BW[MHz]		6dB	Total		Total	
				UNII 2C	UNII 3	BW[MHz]	UNII 2C	UNII 3	UNII 2C	UNII 3
5720	144	26T	(1) 0	15.60	4.16	-	9.95	-17.87	7.294	-19.989
			(1) 4	14.20	4.24	-	9.61	-17.98	5.938	-21.451
			7	14.16	4.16	2.48	-5.89	9.78	-1.360	4.492
			8	14.20	5.60	4.52	-11.66	9.91	-16.454	4.633
		52T	(1) 37	15.76	4.44	-	12.49	-14.70	6.998	-16.199
			(1) 38	14.36	4.44	-	12.22	-15.63	6.785	-17.694
			39	14.32	4.36	2.56	11.75	2.05	6.740	3.075
			40	14.28	5.64	4.52	-5.32	12.36	-1.494	4.155
		106T	(1) 53	15.60	4.68	-	14.48	-11.49	6.073	-16.555
			54	14.56	5.64	4.60	10.94	11.87	5.835	3.381
		242T	61	15.60	5.56	4.52	14.14	9.30	3.610	0.670
		SU	-	15.48	5.60	4.52	14.12	9.27	3.331	0.483

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	-	9.89	-20.26	7.022	-21.128
			16	14.36	4.44	2.04	0.23	9.27	3.716	4.344
			17	14.44	5.80	4.12	-11.97	9.61	-19.495	4.285
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1) 41	19.40	4.20	-	12.44	-15.86	6.971	-18.632
			43	16.20	4.28	2.60	12.33	-4.37	6.807	-7.144
			44	16.36	5.96	4.12	-0.04	12.02	3.321	3.959
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 54	-	-	-	-	-	-	-
			55	23.64	4.84	2.60	14.53	-11.56	6.093	-14.187
			56	23.64	6.12	4.04	11.62	11.19	5.939	2.882
		242T	(1)(2) 61	-	-	-	-	-	-	-
			62	27.72	5.96	4.12	14.37	8.64	3.462	0.515
		484T	65	36.20	5.56	4.12	13.90	4.50	-0.357	-3.746
		SU	-	36.20	5.56	4.12	13.97	4.59	-0.533	-3.524

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	14.84	6.12	2.12	-0.22	8.96	2.362	3.886
			36	15.00	7.40	4.20	-12.11	9.51	-19.520	3.915
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1)(2) 45	-	-	-	-	-	-	-
			51	15.80	5.48	2.76	11.98	-4.38	6.446	-8.059
			52	15.96	8.68	4.20	-0.34	11.95	2.266	3.924
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 57	-	-	-	-	-	-	-
			59	22.20	6.28	2.76	13.83	-11.31	5.212	-14.504
			60	16.44	8.20	4.20	11.20	10.96	5.440	2.777
		242T	(1)(2) 61	-	-	-	-	-	-	-
			(1)(2) 62	-	-	-	-	-	-	-
			(1)(2) 63	-	-	-	-	-	-	-
			64	22.52	8.52	4.20	13.80	8.50	2.796	0.338
		484T	(1)(2) 65	-	-	-	-	-	-	-
			66	60.28	9.64	4.20	13.45	4.76	-0.721	-3.518
		996T	67	78.68	9.48	4.04	12.66	0.77	-4.600	-7.603
		SU	-	78.04	9.00	4.04	12.60	0.78	-4.736	-7.602

10.6.2 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	15.60	4.20	-	10.22	-18.52	7.722	-22.512
			(1) 4	14.20	4.24	-	9.82	-17.57	6.203	-21.798
			7	14.16	4.20	2.48	-5.87	9.91	-1.021	4.625
			8	14.20	5.60	4.48	-12.39	10.07	-16.070	4.662
		52T	(1) 37	15.76	4.40	-	12.22	-16.61	6.727	-16.893
			(1) 38	14.28	4.44	-	11.97	-16.16	6.681	-19.137
			39	14.32	4.40	2.56	11.48	1.72	6.645	3.089
			40	14.36	5.60	4.52	-5.83	11.97	-2.463	3.805
		106T	(1) 53	15.56	4.68	-	14.15	-11.96	5.737	-15.452
			54	14.56	5.64	4.60	10.54	11.45	5.694	2.796
		242T	61	15.48	5.56	4.52	13.86	8.91	3.195	0.251
		SU	-	15.52	5.56	4.52	13.95	8.96	3.310	0.561
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	-	10.18	-19.88	7.697	-25.699
			16	14.44	4.36	2.04	0.28	9.43	4.317	4.405
			17	14.52	6.12	4.12	-12.03	9.84	-16.712	4.555
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1) 41	19.56	4.28	-	12.20	-17.18	6.676	-26.586
			43	16.36	4.20	2.60	11.98	-4.69	6.733	-7.505
			44	16.36	5.96	4.12	-0.39	11.54	3.340	3.484
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 54	-	-	-	-	-	-	-
			55	23.72	4.84	2.60	14.18	-11.64	5.599	-14.611
			56	23.72	6.12	4.04	11.17	10.65	5.506	2.444
		242T	(1)(2) 61	-	-	-	-	-	-	-
			62	27.72	5.96	4.12	14.22	8.36	3.243	0.163
		484T	65	36.28	5.56	4.12	13.56	4.02	-0.598	-4.015
		SU	-	36.20	5.56	4.12	13.62	4.09	-0.692	-4.084

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	15.00	6.44	2.12	0.07	9.25	2.978	4.272
			36	15.16	7.88	4.20	-12.39	9.76	-17.438	4.390
		52T	(1)(2) 37	-	-	-	-	-	-	-
			(1)(2) 45	-	-	-	-	-	-	-
			51	15.80	5.48	2.60	11.58	-4.75	6.176	-9.183
			52	15.96	8.84	4.20	-0.57	11.57	2.003	3.277
		106T	(1)(2) 53	-	-	-	-	-	-	-
			(1)(2) 57	-	-	-	-	-	-	-
			59	22.04	6.44	2.76	13.55	-12.11	4.994	-16.918
			60	16.60	8.04	4.20	10.92	10.70	5.175	2.320
		242T	(1)(2) 61	-	-	-	-	-	-	-
			(1)(2) 62	-	-	-	-	-	-	-
			(1)(2) 63	-	-	-	-	-	-	-
			64	22.52	8.36	4.20	13.59	8.22	2.679	-0.295
		484T	(1)(2) 65	-	-	-	-	-	-	-
			66	60.28	9.64	4.20	13.23	4.46	-1.017	-3.690
		996T	67	79.00	8.84	4.04	12.51	0.49	-5.150	-7.915
		SU	-	78.84	9.16	4.20	12.49	0.47	-5.051	-7.819

□ Test Plots(26dB Bandwidth)

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

[Ant.1]

UNII 2C

20M Ch.144(5720 MHz) 52 Tones RU 37



UNII 3

20M Ch.144(5720 MHz) 52 Tones RU 40



40M Ch.142(5710 MHz) 484 Tones RU 65



40M Ch.142(5710 MHz) 106 Tones RU 56



80M Ch.138(5690 MHz) 996 Tones RU 67



80M Ch.138(5690 MHz) 484 Tones RU 66



[Ant.2]

UNII 2C

20M Ch.144(5720 MHz) 52 Tones RU 37



UNII 3

20M Ch.144(5720 MHz) 106 Tones RU 54



40M Ch.142(5710 MHz) 484 Tones RU 65



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



80M Ch.138(5690 MHz) 996 Tones RU 67



80M Ch.138(5690 MHz) 484 Tones RU 66



Test Plots(6dB Bandwidth)

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

[Ant.1]

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



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



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



[Ant.2]

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



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



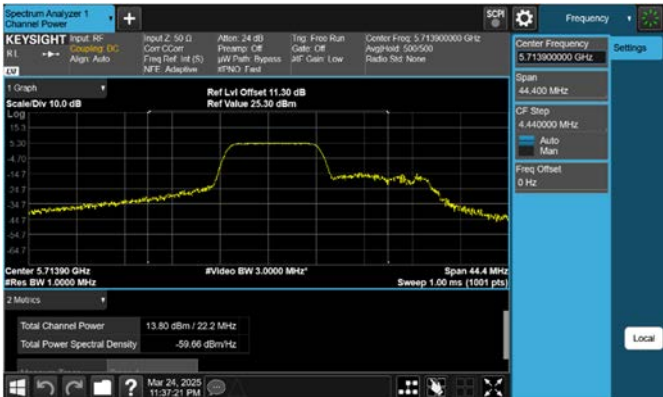
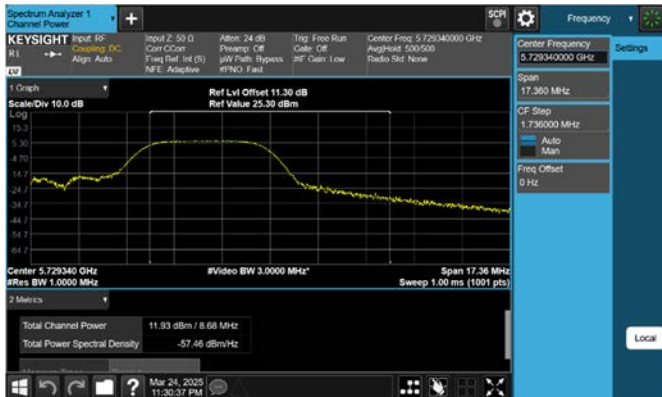
80M Ch.138(5690 MHz) 26 Tones RU 35



□ Test Plots(Output Power)

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

[Ant.1]

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

[Ant.2]

UNII 2C

20M Ch.144(5720 MHz) 106 Tones RU 53

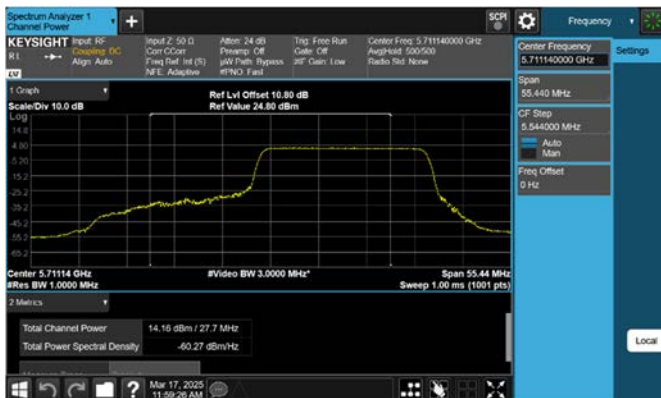


UNII 3

20M Ch.144(5720 MHz) 52 Tones RU 40



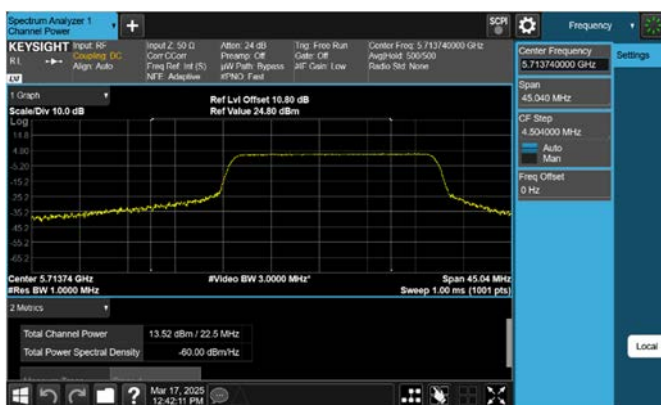
40M Ch.142(5710 MHz) 242 Tones RU 62



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



80M Ch.138(5690 MHz) 242 Tones RU 64



80M Ch.138(5690 MHz) 106 Tones RU 52



□ Test Plots(Power Spectral Density)

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

[Ant.1]

UNII 2C

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) 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) 52 Tones RU 52



[Ant.2]

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) 26 Tones RU 9



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



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



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



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_CDD(Ant.1+ Ant.2)]

Band : UNII 1			Operation Mode : 802.11ax_HE20 MCS0 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	56.51	-2.96	V	53.55	68.20	14.65	PK
15540	53.69	-3.14	V	50.55	73.98	23.43	PK
15540	41.14	-3.14	V	38.00	53.98	15.98	AV
10360	55.68	-2.96	H	52.72	68.20	15.48	PK
15540	53.98	-3.14	H	50.84	73.98	23.14	PK
15540	41.61	-3.14	H	38.47	53.98	15.51	AV

Band : UNII 1			Operation Mode : 802.11ax_HE20 MCS0 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	56.25	-2.81	V	53.44	68.20	14.76	PK
15600	54.35	-3.13	V	51.22	73.98	22.76	PK
15600	41.78	-3.13	V	38.65	53.98	15.33	AV
10400	55.87	-2.81	H	53.06	68.20	15.14	PK
15600	54.31	-3.13	H	51.18	73.98	22.80	PK
15600	42.04	-3.13	H	38.91	53.98	15.07	AV

Band : UNII 1			Operation Mode : 802.11ax_HE20 MCS0 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	55.57	-2.36	V	53.21	68.20	14.99	PK
15720	54.89	-3.83	V	51.06	73.98	22.92	PK
15720	42.41	-3.83	V	38.58	53.98	15.40	AV
10480	55.76	-2.36	H	53.40	68.20	14.80	PK
15720	54.79	-3.83	H	50.96	73.98	23.02	PK
15720	42.47	-3.83	H	38.64	53.98	15.34	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 MCS0 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	55.64	-2.05	V	53.59	68.20	14.61	PK
15780	53.98	-3.49	V	50.49	73.98	23.49	PK
15780	41.71	-3.49	V	38.22	53.98	15.76	AV
10520	55.32	-2.05	H	53.27	68.20	14.93	PK
15780	54.72	-3.49	H	51.23	73.98	22.75	PK
15780	42.07	-3.49	H	38.58	53.98	15.40	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 MCS0 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	55.59	-2.50	V	53.09	73.98	20.89	PK
10600	42.28	-2.50	V	39.78	53.98	14.20	AV
15900	53.33	-3.31	V	50.02	73.98	23.96	PK
15900	40.70	-3.31	V	37.39	53.98	16.59	AV
10600	55.68	-2.50	H	53.18	73.98	20.80	PK
10600	42.36	-2.50	H	39.86	53.98	14.12	AV
15900	54.00	-3.31	H	50.69	73.98	23.29	PK
15900	40.65	-3.31	H	37.34	53.98	16.64	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 MCS0 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	54.76	-2.41	V	52.35	73.98	21.63	PK
10640	42.23	-2.41	V	39.82	53.98	14.16	AV
15960	53.64	-3.54	V	50.10	73.98	23.88	PK
15960	40.79	-3.54	V	37.25	53.98	16.73	AV
10640	56.10	-2.41	H	53.69	73.98	20.29	PK
10640	42.17	-2.41	H	39.76	53.98	14.22	AV
15960	53.93	-3.54	H	50.39	73.98	23.59	PK
15960	41.34	-3.54	H	37.80	53.98	16.18	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE20 MCS0 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	55.36	-2.08	V	53.28	73.98	20.70	PK
11000	42.71	-2.08	V	40.63	53.98	13.35	AV
16500	54.29	-2.72	V	51.57	68.20	16.63	PK
11000	55.48	-2.08	H	53.40	73.98	20.58	PK
11000	42.70	-2.08	H	40.62	53.98	13.36	AV
16500	54.25	-2.72	H	51.53	68.20	16.67	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE20 MCS0 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	53.49	-2.45	V	51.04	73.98	22.94	PK
11160	41.47	-2.45	V	39.02	53.98	14.96	AV
16740	54.32	-2.20	V	52.12	68.20	16.08	PK
11160	54.43	-2.45	H	51.98	73.98	22.00	PK
11160	41.58	-2.45	H	39.13	53.98	14.85	AV
16740	54.45	-2.20	H	52.25	68.20	15.95	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE20 MCS0 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	53.07	-2.19	V	50.88	73.98	23.10	PK
11440	40.43	-2.19	V	38.24	53.98	15.74	AV
17160	54.40	-2.22	V	52.18	68.20	16.02	PK
11440	53.25	-2.19	H	51.06	73.98	22.92	PK
11440	40.55	-2.19	H	38.36	53.98	15.62	AV
17160	54.15	-2.22	H	51.93	68.20	16.27	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 MCS0 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	53.55	-2.25	V	51.30	73.98	22.68	PK
11490	40.25	-2.25	V	38.00	53.98	15.98	AV
17235	54.78	-2.54	V	52.24	68.20	15.96	PK
11490	52.90	-2.25	H	50.65	73.98	23.33	PK
11490	40.45	-2.25	H	38.20	53.98	15.78	AV
17235	55.04	-2.54	H	52.50	68.20	15.70	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 MCS0 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	53.55	-2.38	V	51.17	73.98	22.81	PK
11570	40.78	-2.38	V	38.40	53.98	15.58	AV
17355	54.78	-1.09	V	53.69	68.20	14.51	PK
11570	53.78	-2.38	H	51.40	73.98	22.58	PK
11570	40.83	-2.38	H	38.45	53.98	15.53	AV
17355	54.18	-1.09	H	53.09	68.20	15.11	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 MCS0 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	53.71	-2.58	V	51.13	73.98	22.85	PK
11650	40.96	-2.58	V	38.38	53.98	15.60	AV
17475	55.77	-0.63	V	55.14	68.20	13.06	PK
11650	53.82	-2.58	H	51.24	73.98	22.74	PK
11650	40.93	-2.58	H	38.35	53.98	15.63	AV
17475	55.71	-0.63	H	55.08	68.20	13.12	PK

Band : UNII 4			Operation Mode : 802.11ax_HE20 MCS0 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	54.05	-2.59	V	51.46	73.98	22.52	PK
11690	41.10	-2.59	V	38.51	53.98	15.47	AV
17535	56.10	-0.44	V	55.66	68.20	12.54	PK
11690	54.06	-2.59	H	51.47	73.98	22.51	PK
11690	41.08	-2.59	H	38.49	53.98	15.49	AV
17535	56.19	-0.44	H	55.75	68.20	12.45	PK

Band : UNII 4			Operation Mode : 802.11ax_HE20 MCS0 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	54.12	-2.94	V	51.18	73.98	22.80	PK
11730	41.26	-2.94	V	38.32	53.98	15.66	AV
17595	57.19	-0.09	V	57.10	68.20	11.10	PK
11730	54.14	-2.94	H	51.20	73.98	22.78	PK
11730	41.36	-2.94	H	38.42	53.98	15.56	AV
17595	58.17	-0.09	H	58.08	68.20	10.12	PK

Band : UNII 4			Operation Mode : 802.11ax_HE20 MCS0 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	54.04	-2.98	V	51.06	73.98	22.92	PK
11770	41.33	-2.98	V	38.35	53.98	15.63	AV
17655	57.95	0.50	V	58.45	68.20	9.75	PK
11770	54.58	-2.98	H	51.60	73.98	22.38	PK
11770	41.23	-2.98	H	38.25	53.98	15.73	AV
17655	56.72	0.50	H	57.22	68.20	10.98	PK

Band : UNII 1			Operation Mode : 802.11ax_HE20 MCS0 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	55.61	-2.96	V	52.65	68.20	15.55	PK
15540	53.65	-3.14	V	50.51	73.98	23.47	PK
15540	40.76	-3.14	V	37.62	53.98	16.36	AV
10360	55.26	-2.96	H	52.30	68.20	15.90	PK
15540	53.55	-3.14	H	50.41	73.98	23.57	PK
15540	40.64	-3.14	H	37.50	53.98	16.48	AV

Band : UNII 1			Operation Mode : 802.11ax_HE20 MCS0 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	55.03	-2.81	V	52.22	68.20	15.98	PK
15600	54.18	-3.13	V	51.05	73.98	22.93	PK
15600	41.54	-3.13	V	38.41	53.98	15.57	AV
10400	55.27	-2.81	H	52.46	68.20	15.74	PK
15600	54.69	-3.13	H	51.56	73.98	22.42	PK
15600	41.41	-3.13	H	38.28	53.98	15.70	AV

Band : UNII 1			Operation Mode : 802.11ax_HE20 MCS0 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	54.67	-2.36	V	52.31	68.20	15.89	PK
15720	54.58	-3.83	V	50.75	73.98	23.23	PK
15720	41.98	-3.83	V	38.15	53.98	15.83	AV
10480	55.17	-2.36	H	52.81	68.20	15.39	PK
15720	54.90	-3.83	H	51.07	73.98	22.91	PK
15720	41.98	-3.83	H	38.15	53.98	15.83	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 MCS0 26T RU4				
CH.52 5260 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10520	54.82	-2.05	V	52.77	68.20	15.43	PK
15780	54.01	-3.49	V	50.52	73.98	23.46	PK
15780	41.39	-3.49	V	37.90	53.98	16.08	AV
10520	56.03	-2.05	H	53.98	68.20	14.22	PK
15780	54.49	-3.49	H	51.00	73.98	22.98	PK
15780	41.35	-3.49	H	37.86	53.98	16.12	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 MCS0 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	54.81	-2.50	V	52.31	73.98	21.67	PK
10600	41.95	-2.50	V	39.45	53.98	14.53	AV
15900	53.03	-3.31	V	49.72	73.98	24.26	PK
15900	40.35	-3.31	V	37.04	53.98	16.94	AV
10600	55.02	-2.50	H	52.52	73.98	21.46	PK
10600	41.90	-2.50	H	39.40	53.98	14.58	AV
15900	52.62	-3.31	H	49.31	73.98	24.67	PK
15900	40.32	-3.31	H	37.01	53.98	16.97	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE20 MCS0 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	54.72	-2.41	V	52.31	73.98	21.67	PK
10640	41.92	-2.41	V	39.51	53.98	14.47	AV
15960	53.75	-3.54	V	50.21	73.98	23.77	PK
15960	40.29	-3.54	V	36.75	53.98	17.23	AV
10640	54.49	-2.41	H	52.08	73.98	21.90	PK
10640	41.92	-2.41	H	39.51	53.98	14.47	AV
15960	53.18	-3.54	H	49.64	73.98	24.34	PK
15960	40.19	-3.54	H	36.65	53.98	17.33	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE20 MCS0 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	55.11	-2.08	V	53.03	73.98	20.95	PK
11000	42.30	-2.08	V	40.22	53.98	13.76	AV
16500	54.55	-2.72	V	51.83	68.20	16.37	PK
11000	55.11	-2.08	H	53.03	73.98	20.95	PK
11000	42.14	-2.08	H	40.06	53.98	13.92	AV
16500	53.82	-2.72	H	51.10	68.20	17.10	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE20 MCS0 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	53.36	-2.45	V	50.91	73.98	23.07	PK
11160	41.11	-2.45	V	38.66	53.98	15.32	AV
16740	53.99	-2.20	V	51.79	68.20	16.41	PK
11160	53.38	-2.45	H	50.93	73.98	23.05	PK
11160	40.96	-2.45	H	38.51	53.98	15.47	AV
16740	54.05	-2.20	H	51.85	68.20	16.35	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE20 MCS0 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	52.69	-2.19	V	50.50	73.98	23.48	PK
11440	40.20	-2.19	V	38.01	53.98	15.97	AV
17160	54.94	-2.22	V	52.72	68.20	15.48	PK
11440	52.93	-2.19	H	50.74	73.98	23.24	PK
11440	40.15	-2.19	H	37.96	53.98	16.02	AV
17160	55.09	-2.22	H	52.87	68.20	15.33	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 MCS0 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	52.66	-2.25	V	50.41	73.98	23.57	PK
11490	39.86	-2.25	V	37.61	53.98	16.37	AV
17235	54.56	-2.54	V	52.02	68.20	16.18	PK
11490	52.18	-2.25	H	49.93	73.98	24.05	PK
11490	39.79	-2.25	H	37.54	53.98	16.44	AV
17235	54.12	-2.54	H	51.58	68.20	16.62	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 MCS0 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	53.71	-2.38	V	51.33	73.98	22.65	PK
11570	40.43	-2.38	V	38.05	53.98	15.93	AV
17355	54.15	-1.09	V	53.06	68.20	15.14	PK
11570	52.95	-2.38	H	50.57	73.98	23.41	PK
11570	40.21	-2.38	H	37.83	53.98	16.15	AV
17355	54.16	-1.09	H	53.07	68.20	15.13	PK

Band : UNII 3			Operation Mode : 802.11ax_HE20 MCS0 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	53.57	-2.58	V	50.99	73.98	22.99	PK
11650	40.73	-2.58	V	38.15	53.98	15.83	AV
17475	55.42	-0.63	V	54.79	68.20	13.41	PK
11650	53.48	-2.58	H	50.90	73.98	23.08	PK
11650	40.65	-2.58	H	38.07	53.98	15.91	AV
17475	54.79	-0.63	H	54.16	68.20	14.04	PK

Band : UNII 4			Operation Mode : 802.11ax_HE20 MCS0 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	53.21	-2.59	V	50.62	73.98	23.36	PK
11690	40.92	-2.59	V	38.33	53.98	15.65	AV
17535	55.87	-0.44	V	55.43	68.20	12.77	PK
11690	53.23	-2.59	H	50.64	73.98	23.34	PK
11690	40.72	-2.59	H	38.13	53.98	15.85	AV
17535	55.74	-0.44	H	55.30	68.20	12.90	PK

Band : UNII 4			Operation Mode : 802.11ax_HE20 MCS0 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	53.47	-2.94	V	50.53	73.98	23.45	PK
11730	40.94	-2.94	V	38.00	53.98	15.98	AV
17595	56.61	-0.09	V	56.52	68.20	11.68	PK
11730	53.41	-2.94	H	50.47	73.98	23.51	PK
11730	40.80	-2.94	H	37.86	53.98	16.12	AV
17595	56.16	-0.09	H	56.07	68.20	12.13	PK

Band : UNII 4			Operation Mode : 802.11ax_HE20 MCS0 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	53.66	-2.98	V	50.68	73.98	23.30	PK
11770	40.89	-2.98	V	37.91	53.98	16.07	AV
17655	56.30	0.50	V	56.80	68.20	11.40	PK
11770	53.50	-2.98	H	50.52	73.98	23.46	PK
11770	40.70	-2.98	H	37.72	53.98	16.26	AV
17655	56.35	0.50	H	56.85	68.20	11.35	PK

Band : UNII 1			Operation Mode : 802.11ax_HE40 MCS0 484T RU65				
CH.38 5190 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10380	55.98	-2.89	V	53.09	68.20	15.11	PK
15570	53.74	-2.95	V	50.79	73.98	23.19	PK
15570	42.21	-2.95	V	39.26	53.98	14.72	AV
10380	56.20	-2.89	H	53.31	68.20	14.89	PK
15570	54.11	-2.95	H	51.16	73.98	22.82	PK
15570	42.04	-2.95	H	39.09	53.98	14.89	AV

Band : UNII 1			Operation Mode : 802.11ax_HE40 MCS0 484T RU65				
CH.46 5230 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10460	56.38	-2.29	V	54.09	68.20	14.11	PK
15690	54.95	-3.82	V	51.13	73.98	22.85	PK
15690	43.00	-3.82	V	39.18	53.98	14.80	AV
10460	56.10	-2.29	H	53.81	68.20	14.39	PK
15690	55.90	-3.82	H	52.08	73.98	21.90	PK
15690	42.98	-3.82	H	39.16	53.98	14.82	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE40 MCS0 484T RU65				
CH.54 5270 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10540	55.96	-2.25	V	53.71	68.20	14.49	PK
15810	55.29	-3.53	V	51.76	73.98	22.22	PK
15810	42.31	-3.53	V	38.78	53.98	15.20	AV
10540	55.46	-2.25	H	53.21	68.20	14.99	PK
15810	54.44	-3.53	H	50.91	73.98	23.07	PK
15810	42.44	-3.53	H	38.91	53.98	15.07	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE40 MCS0 484T RU65				
CH.62 5310 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10620	54.97	-2.41	V	52.56	73.98	21.42	PK
10620	42.71	-2.41	V	40.30	53.98	13.68	AV
15930	52.99	-3.46	V	49.53	73.98	24.45	PK
15930	41.37	-3.46	V	37.91	53.98	16.07	AV
10620	55.33	-2.41	H	52.92	73.98	21.06	PK
10620	42.80	-2.41	H	40.39	53.98	13.59	AV
15930	53.02	-3.46	H	49.56	73.98	24.42	PK
15930	41.32	-3.46	H	37.86	53.98	16.12	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE40 MCS0 484T RU65				
CH.102 5510 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11020	55.12	-2.08	V	53.04	73.98	20.94	PK
11020	43.13	-2.08	V	41.05	53.98	12.93	AV
16530	54.35	-2.49	V	51.86	68.20	16.34	PK
11020	55.64	-2.08	H	53.56	73.98	20.42	PK
11020	43.23	-2.08	H	41.15	53.98	12.83	AV
16530	53.62	-2.49	H	51.13	68.20	17.07	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE40 MCS0 484T RU65				
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	54.47	-2.11	V	52.36	73.98	21.62	PK
11100	42.49	-2.11	V	40.38	53.98	13.60	AV
16650	53.59	-2.54	V	51.05	68.20	17.15	PK
11100	54.35	-2.11	H	52.24	73.98	21.74	PK
11100	42.73	-2.11	H	40.62	53.98	13.36	AV
16650	54.12	-2.54	H	51.58	68.20	16.62	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE40 MCS0 484T RU65				
CH.142 5710 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11420	53.59	-2.44	V	51.15	73.98	22.83	PK
11420	41.08	-2.44	V	38.64	53.98	15.34	AV
17130	54.96	-1.97	V	52.99	68.20	15.21	PK
11420	53.00	-2.44	H	50.56	73.98	23.42	PK
11420	41.13	-2.44	H	38.69	53.98	15.29	AV
17130	54.59	-1.97	H	52.62	68.20	15.58	PK

Band : UNII 3			Operation Mode : 802.11ax_HE40 MCS0 484T RU65				
CH.151 5755 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11510	53.64	-2.05	V	51.59	73.98	22.39	PK
11510	41.03	-2.05	V	38.98	53.98	15.00	AV
17265	54.85	-2.50	V	52.35	68.20	15.85	PK
11510	53.68	-2.05	H	51.63	73.98	22.35	PK
11510	41.09	-2.05	H	39.04	53.98	14.94	AV
17265	55.44	-2.50	H	52.94	68.20	15.26	PK

Band : UNII 3			Operation Mode : 802.11ax_HE40 MCS0 484T RU65				
CH.159 5795 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11590	53.36	-2.08	V	51.28	73.98	22.70	PK
11590	41.40	-2.08	V	39.32	53.98	14.66	AV
17385	54.91	-0.94	V	53.97	68.20	14.23	PK
11590	54.60	-2.08	H	52.52	73.98	21.46	PK
11590	41.39	-2.08	H	39.31	53.98	14.67	AV
17385	54.51	-0.94	H	53.57	68.20	14.63	PK

Band : UNII 4			Operation Mode : 802.11ax_HE40 MCS0 484T RU65				
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	53.55	-2.43	V	51.12	73.98	22.86	PK
11670	41.55	-2.43	V	39.12	53.98	14.86	AV
17505	56.84	-0.42	V	56.42	68.20	11.78	PK
11670	53.59	-2.43	H	51.16	73.98	22.82	PK
11670	41.68	-2.43	H	39.25	53.98	14.73	AV
17505	56.49	-0.42	H	56.07	68.20	12.13	PK

Band : UNII 4			Operation Mode : 802.11ax_HE40 MCS0 484T RU65				
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	54.03	-2.92	V	51.11	73.98	22.87	PK
11750	42.03	-2.92	V	39.11	53.98	14.87	AV
17625	56.75	0.13	V	56.88	68.20	11.32	PK
11750	54.40	-2.92	H	51.48	73.98	22.50	PK
11750	41.88	-2.92	H	38.96	53.98	15.02	AV
17625	57.37	0.13	H	57.50	68.20	10.70	PK

Band : UNII 1			Operation Mode : 802.11ax_HE40 MCS0 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	55.61	-2.89	V	52.72	68.20	15.48	PK
15570	55.41	-2.95	V	52.46	73.98	21.52	PK
15570	42.11	-2.95	V	39.16	53.98	14.82	AV
10380	55.96	-2.89	H	53.07	68.20	15.13	PK
15570	56.30	-2.95	H	53.35	73.98	20.63	PK
15570	42.03	-2.95	H	39.08	53.98	14.90	AV

Band : UNII 1			Operation Mode : 802.11ax_HE40 MCS0 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	56.22	-2.29	V	53.93	68.20	14.27	PK
15690	55.14	-3.82	V	51.32	73.98	22.66	PK
15690	42.95	-3.82	V	39.13	53.98	14.85	AV
10460	55.54	-2.29	H	53.25	68.20	14.95	PK
15690	55.60	-3.82	H	51.78	73.98	22.20	PK
15690	43.12	-3.82	H	39.30	53.98	14.68	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE40 MCS0 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	55.67	-2.25	V	53.42	68.20	14.78	PK
15810	55.07	-3.53	V	51.54	73.98	22.44	PK
15810	42.13	-3.53	V	38.60	53.98	15.38	AV
10540	55.78	-2.25	H	53.53	68.20	14.67	PK
15810	54.31	-3.53	H	50.78	73.98	23.20	PK
15810	42.06	-3.53	H	38.53	53.98	15.45	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE40 MCS0 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	55.06	-2.41	V	52.65	73.98	21.33	PK
10620	42.88	-2.41	V	40.47	53.98	13.51	AV
15930	53.62	-3.46	V	50.16	73.98	23.82	PK
15930	41.29	-3.46	V	37.83	53.98	16.15	AV
10620	55.05	-2.41	H	52.64	73.98	21.34	PK
10620	42.82	-2.41	H	40.41	53.98	13.57	AV
15930	53.32	-3.46	H	49.86	73.98	24.12	PK
15930	41.31	-3.46	H	37.85	53.98	16.13	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE40 MCS0 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	55.57	-2.08	V	53.49	73.98	20.49	PK
11020	43.13	-2.08	V	41.05	53.98	12.93	AV
16530	54.56	-2.49	V	52.07	68.20	16.13	PK
11020	55.29	-2.08	H	53.21	73.98	20.77	PK
11020	43.10	-2.08	H	41.02	53.98	12.96	AV
16530	54.95	-2.49	H	52.46	68.20	15.74	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE40 MCS0 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	54.75	-2.11	V	52.64	73.98	21.34	PK
11100	42.36	-2.11	V	40.25	53.98	13.73	AV
16650	53.84	-2.54	V	51.30	68.20	16.90	PK
11100	54.74	-2.11	H	52.63	73.98	21.35	PK
11100	43.03	-2.11	H	40.92	53.98	13.06	AV
16650	53.77	-2.54	H	51.23	68.20	16.97	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE40 MCS0 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	53.24	-2.44	V	50.80	73.98	23.18	PK
11420	41.35	-2.44	V	38.91	53.98	15.07	AV
17130	55.63	-1.97	V	53.66	68.20	14.54	PK
11420	53.41	-2.44	H	50.97	73.98	23.01	PK
11420	41.20	-2.44	H	38.76	53.98	15.22	AV
17130	54.98	-1.97	H	53.01	68.20	15.19	PK

Band : UNII 3			Operation Mode : 802.11ax_HE40 MCS0 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	53.30	-2.05	V	51.25	73.98	22.73	PK
11510	40.78	-2.05	V	38.73	53.98	15.25	AV
17265	55.05	-2.50	V	52.55	68.20	15.65	PK
11510	53.17	-2.05	H	51.12	73.98	22.86	PK
11510	40.85	-2.05	H	38.80	53.98	15.18	AV
17265	54.83	-2.50	H	52.33	68.20	15.87	PK

Band : UNII 3			Operation Mode : 802.11ax_HE40 MCS0 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	54.34	-2.08	V	52.26	73.98	21.72	PK
11590	41.50	-2.08	V	39.42	53.98	14.56	AV
17385	55.54	-0.94	V	54.60	68.20	13.60	PK
11590	53.87	-2.08	H	51.79	73.98	22.19	PK
11590	41.49	-2.08	H	39.41	53.98	14.57	AV
17385	54.75	-0.94	H	53.81	68.20	14.39	PK

Band : UNII 4			Operation Mode : 802.11ax_HE40 MCS0 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	53.87	-2.43	V	51.44	73.98	22.54	PK
11670	41.92	-2.43	V	39.49	53.98	14.49	AV
17505	56.40	-0.42	V	55.98	68.20	12.22	PK
11670	53.79	-2.43	H	51.36	73.98	22.62	PK
11670	41.82	-2.43	H	39.39	53.98	14.59	AV
17505	56.72	-0.42	H	56.30	68.20	11.90	PK

Band : UNII 4			Operation Mode : 802.11ax_HE40 MCS0 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	54.52	-2.92	V	51.60	73.98	22.38	PK
11750	41.76	-2.92	V	38.84	53.98	15.14	AV
17625	57.52	0.13	V	57.65	68.20	10.55	PK
11750	53.94	-2.92	H	51.02	73.98	22.96	PK
11750	42.23	-2.92	H	39.31	53.98	14.67	AV
17625	57.51	0.13	H	57.64	68.20	10.56	PK

Band : UNII 1			Operation Mode : 802.11ax_HE80 MCS0 996T RU67				
CH.42 5210 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10420	55.85	-2.43	V	53.42	68.20	14.78	PK
15630	55.57	-3.42	V	52.15	73.98	21.83	PK
15630	43.61	-3.42	V	40.19	53.98	13.79	AV
10420	56.72	-2.43	H	54.29	68.20	13.91	PK
15630	55.18	-3.42	H	51.76	73.98	22.22	PK
15630	43.32	-3.42	H	39.90	53.98	14.08	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE80 MCS0 996T RU67				
CH.58 5290 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
10580	55.32	-2.41	V	52.91	68.20	15.29	PK
15870	53.54	-2.97	V	50.57	73.98	23.41	PK
15870	41.86	-2.97	V	38.89	53.98	15.09	AV
10580	55.15	-2.41	H	52.74	68.20	15.46	PK
15870	53.55	-2.97	H	50.58	73.98	23.40	PK
15870	41.93	-2.97	H	38.96	53.98	15.02	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE80 MCS0 996T RU67				
CH.106 5530 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11060	55.09	-2.26	V	52.83	73.98	21.15	PK
11060	43.65	-2.26	V	41.39	53.98	12.59	AV
16590	53.93	-2.62	V	51.31	68.20	16.89	PK
11060	54.90	-2.26	H	52.64	73.98	21.34	PK
11060	43.65	-2.26	H	41.39	53.98	12.59	AV
16590	53.90	-2.62	H	51.28	68.20	16.92	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE80 MCS0 996T RU67				
CH.122 5610 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11220	54.23	-2.91	V	51.32	73.98	22.66	PK
11220	42.39	-2.91	V	39.48	53.98	14.50	AV
16830	55.00	-1.65	V	53.35	68.20	14.85	PK
11220	53.69	-2.91	H	50.78	73.98	23.20	PK
11220	42.42	-2.91	H	39.51	53.98	14.47	AV
16830	55.18	-1.65	H	53.53	68.20	14.67	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE80 MCS0 996T RU67				
CH.138 5690 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11380	53.25	-2.66	V	50.59	73.98	23.39	PK
11380	41.71	-2.66	V	39.05	53.98	14.93	AV
17070	55.36	-2.26	V	53.10	68.20	15.10	PK
11380	52.88	-2.66	H	50.22	73.98	23.76	PK
11380	41.73	-2.66	H	39.07	53.98	14.91	AV
17070	55.28	-2.26	H	53.02	68.20	15.18	PK

Band : UNII 3			Operation Mode : 802.11ax_HE80 MCS0 996T RU67				
CH.155 5775 MHz			Transfer Rate : MCS0				
Frequency [MHz]	Measured value [dBμV]	CL+AF+DF-AG [dB]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11550	54.46	-2.35	V	52.11	73.98	21.87	PK
11550	41.90	-2.35	V	39.55	53.98	14.43	AV
17325	55.31	-1.79	V	53.52	68.20	14.68	PK
11550	53.51	-2.35	H	51.16	73.98	22.82	PK
11550	41.88	-2.35	H	39.53	53.98	14.45	AV
17325	55.48	-1.79	H	53.69	68.20	14.51	PK

Band : UNII 4			Operation Mode : 802.11ax_HE80 MCS0 996T RU67				
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	54.52	-2.88	V	51.64	73.98	22.34	PK
11710	42.33	-2.88	V	39.45	53.98	14.53	AV
17565	56.79	-0.31	V	56.48	68.20	11.72	PK
11710	53.70	-2.88	H	50.82	73.98	23.16	PK
11710	42.53	-2.88	H	39.65	53.98	14.33	AV
17565	57.04	-0.31	H	56.73	68.20	11.47	PK

Band : UNII 1			Operation Mode : 802.11ax_HE80 MCS0 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	55.34	-2.43	V	52.91	68.20	15.29	PK
15630	54.61	-3.42	V	51.19	73.98	22.79	PK
15630	43.17	-3.42	V	39.75	53.98	14.23	AV
10420	55.73	-2.43	H	53.30	68.20	14.90	PK
15630	55.08	-3.42	H	51.66	73.98	22.32	PK
15630	43.24	-3.42	H	39.82	53.98	14.16	AV

Band : UNII 2A			Operation Mode : 802.11ax_HE80 MCS0 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	55.24	-2.41	V	52.83	68.20	15.37	PK
15870	53.70	-2.97	V	50.73	73.98	23.25	PK
15870	41.85	-2.97	V	38.88	53.98	15.10	AV
10580	55.92	-2.41	H	53.51	68.20	14.69	PK
15870	53.75	-2.97	H	50.78	73.98	23.20	PK
15870	41.84	-2.97	H	38.87	53.98	15.11	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE80 MCS0 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	55.32	-2.26	V	53.06	73.98	20.92	PK
11060	43.78	-2.26	V	41.52	53.98	12.46	AV
16590	53.88	-2.62	V	51.26	68.20	16.94	PK
11060	56.19	-2.26	H	53.93	73.98	20.05	PK
11060	43.49	-2.26	H	41.23	53.98	12.75	AV
16590	54.00	-2.62	H	51.38	68.20	16.82	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE80 MCS0 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	53.58	-2.91	V	50.67	73.98	23.31	PK
11220	42.55	-2.91	V	39.64	53.98	14.34	AV
16830	55.41	-1.65	V	53.76	68.20	14.44	PK
11220	54.05	-2.91	H	51.14	73.98	22.84	PK
11220	42.47	-2.91	H	39.56	53.98	14.42	AV
16830	55.64	-1.65	H	53.99	68.20	14.21	PK

Band : UNII 2C			Operation Mode : 802.11ax_HE80 MCS0 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	53.42	-2.66	V	50.76	73.98	23.22	PK
11380	42.05	-2.66	V	39.39	53.98	14.59	AV
17070	54.98	-2.26	V	52.72	68.20	15.48	PK
11380	52.97	-2.66	H	50.31	73.98	23.67	PK
11380	41.59	-2.66	H	38.93	53.98	15.05	AV
17070	54.97	-2.26	H	52.71	68.20	15.49	PK

Band : UNII 3			Operation Mode : 802.11ax_HE80 MCS0 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	53.43	-2.35	V	51.08	73.98	22.90	PK
11550	41.77	-2.35	V	39.42	53.98	14.56	AV
17325	55.23	-1.79	V	53.44	68.20	14.76	PK
11550	54.13	-2.35	H	51.78	73.98	22.20	PK
11550	41.94	-2.35	H	39.59	53.98	14.39	AV
17325	55.06	-1.79	H	53.27	68.20	14.93	PK

Band : UNII 4			Operation Mode : 802.11ax_HE80 MCS0 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	54.37	-2.88	V	51.49	73.98	22.49	PK
11710	42.54	-2.88	V	39.66	53.98	14.32	AV
17565	58.50	-0.31	V	58.19	68.20	10.01	PK
11710	54.23	-2.88	H	51.35	73.98	22.63	PK
11710	42.36	-2.88	H	39.48	53.98	14.50	AV
17565	57.44	-0.31	H	57.13	68.20	11.07	PK

Band : UNII 1&2A			Operation Mode : 802.11ax_HE160 MCS0 996x2T RU68				
CH.50 5250 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
10500	55.51	-2.26	V	53.25	68.20	14.95	PK
15750	54.98	-3.70	V	51.28	73.98	22.70	PK
15750	43.43	-3.70	V	39.73	53.98	14.25	AV
10500	56.51	-2.26	H	54.25	68.20	13.95	PK
15750	55.16	-3.70	H	51.46	73.98	22.52	PK
15750	43.29	-3.70	H	39.59	53.98	14.39	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE160 MCS0 996x2T RU68				
CH.114 5570 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
11140	54.08	-2.47	V	51.61	73.98	22.37	PK
11140	42.78	-2.47	V	40.31	53.98	13.67	AV
16710	54.54	-2.51	V	52.03	68.20	16.17	PK
11140	54.04	-2.47	H	51.57	73.98	22.41	PK
11140	42.63	-2.47	H	40.16	53.98	13.82	AV
16710	54.36	-2.51	H	51.85	68.20	16.35	PK

Band : UNII 3&4			Operation Mode : 802.11ax_HE160 MCS0 996x2T RU68				
CH.163 5815 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
11630	54.11	-2.37	V	51.74	73.98	22.24	PK
11630	42.21	-2.37	V	39.84	53.98	14.14	AV
17445	55.77	-0.47	V	55.30	68.20	12.90	PK
11630	54.33	-2.37	H	51.96	73.98	22.02	PK
11630	42.12	-2.37	H	39.75	53.98	14.23	AV
17445	55.46	-0.47	H	54.99	68.20	13.21	PK

Band : UNII 1&2A			Operation Mode : 802.11ax_HE160(80L) MCS0 26T RU18				
CH.50 5250 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
10500	55.84	-2.26	V	53.58	68.20	14.62	PK
15750	55.29	-3.70	V	51.59	73.98	22.39	PK
15750	43.28	-3.70	V	39.58	53.98	14.40	AV
10500	56.04	-2.26	H	53.78	68.20	14.42	PK
15750	54.86	-3.70	H	51.16	73.98	22.82	PK
15750	43.20	-3.70	H	39.50	53.98	14.48	AV

Band : UNII 2C			Operation Mode : 802.11ax_HE160(80L) MCS0 26T RU18				
CH.114 5570 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
11140	54.40	-2.47	V	51.93	73.98	22.05	PK
11140	42.63	-2.47	V	40.16	53.98	13.82	AV
16710	54.11	-2.51	V	51.60	68.20	16.60	PK
11140	54.94	-2.47	H	52.47	73.98	21.51	PK
11140	42.76	-2.47	H	40.29	53.98	13.69	AV
16710	54.80	-2.51	H	52.29	68.20	15.91	PK

Band : UNII 3&4			Operation Mode : 802.11ax_HE160(80L) MCS0 26T RU18				
CH.163 5815 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
11630	54.12	-2.37	V	51.75	73.98	22.23	PK
11630	42.18	-2.37	V	39.81	53.98	14.17	AV
17445	55.73	-0.47	V	55.26	68.20	12.94	PK
11630	53.64	-2.37	H	51.27	73.98	22.71	PK
11630	42.49	-2.37	H	40.12	53.98	13.86	AV
17445	55.80	-0.47	H	55.33	68.20	12.87	PK

[Simultaneous transmission Scenario]

Scenario 1

Dual Bluetooth DH5_Ch.39 + Ant All(MIMO) 5 GHz 802.11ax(HE20)_ MCS0 Ch.177

Frequency	Measured value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
11770	54.09	-2.98	V	51.11	73.98	22.87	PK
11770	40.87	-2.98	V	37.89	53.98	16.09	AV
17655	57.08	0.50	V	57.58	68.20	10.62	PK
11770	53.48	-2.98	H	50.50	73.98	23.48	PK
11770	40.79	-2.98	H	37.81	53.98	16.17	AV
17655	57.28	0.50	H	57.78	68.20	10.42	PK

Scenario 2

Ant All(MIMO)_2.4 GHz 802.11b _1 Mbps Ch.6 + Ant All(MIMO) 5 GHz 802.11ax(HE20)_ MCS0 Ch.177

Frequency	Measured value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
11770	53.96	-2.98	V	50.98	73.98	23.00	PK
11770	40.97	-2.98	V	37.99	53.98	15.99	AV
17655	56.95	0.50	V	57.45	68.20	10.75	PK
11770	53.49	-2.98	H	50.51	73.98	23.47	PK
11770	40.94	-2.98	H	37.96	53.98	16.02	AV
17655	57.53	0.50	H	58.03	68.20	10.17	PK

Scenario 3

Ant.1_Bluetooth DH5_Ch.78 + Ant.2_2.4 GHz 802.11b _1 Mbps Ch.6 + Ant All(MIMO) 5 GHz 802.11ax(HE20)_ MCS0 Ch.177

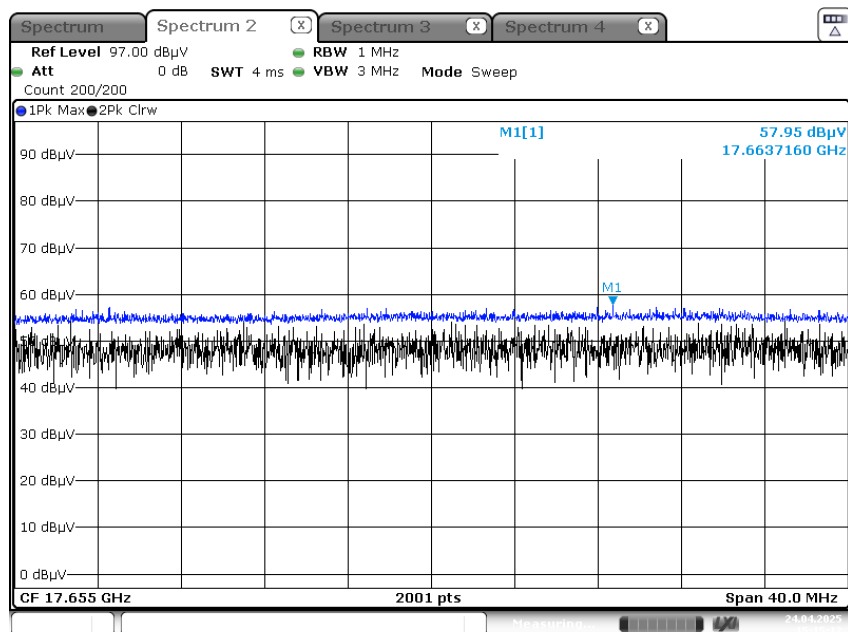
Frequency	Measured value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
11770	54.44	-2.98	V	51.46	73.98	22.52	PK
11770	41.24	-2.98	V	38.26	53.98	15.72	AV
17655	56.81	0.50	V	57.31	68.20	10.89	PK
11770	54.12	-2.98	H	51.14	73.98	22.84	PK
11770	41.10	-2.98	H	38.12	53.98	15.86	AV
17655	56.90	0.50	H	57.40	68.20	10.80	PK

Note:

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

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

Radiated Spurious Emissions plot – Peak result (802.11ax HE20, Ch.177 3rd Spurious Emission, X-V, SU)



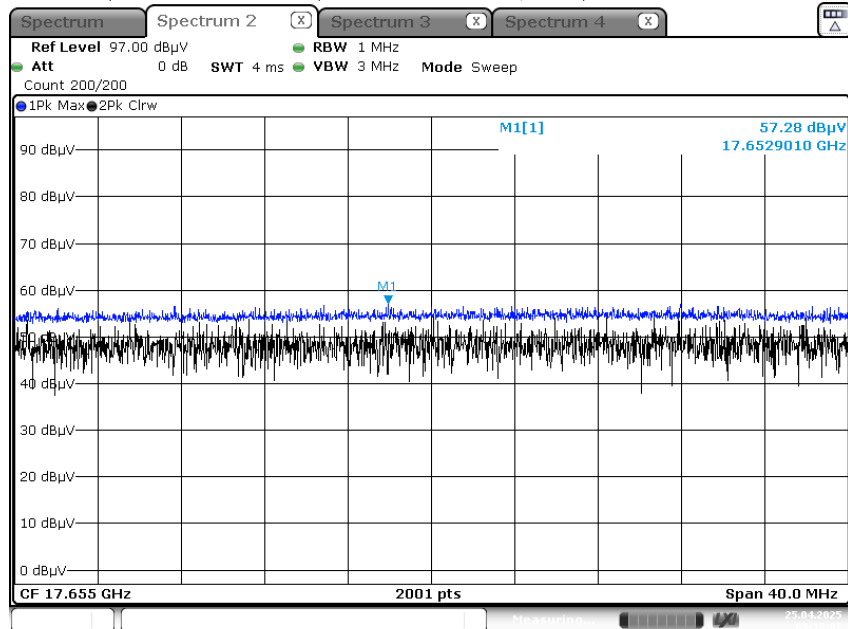
Date: 24.APR.2025 15:15:12

[Simultaneous transmission Scenario]

Scenario 1

Dual Bluetooth DH5_Ch.39 + Ant All(MIMO) 5 GHz 802.11ax(HE20)_ MCS0 Ch.177

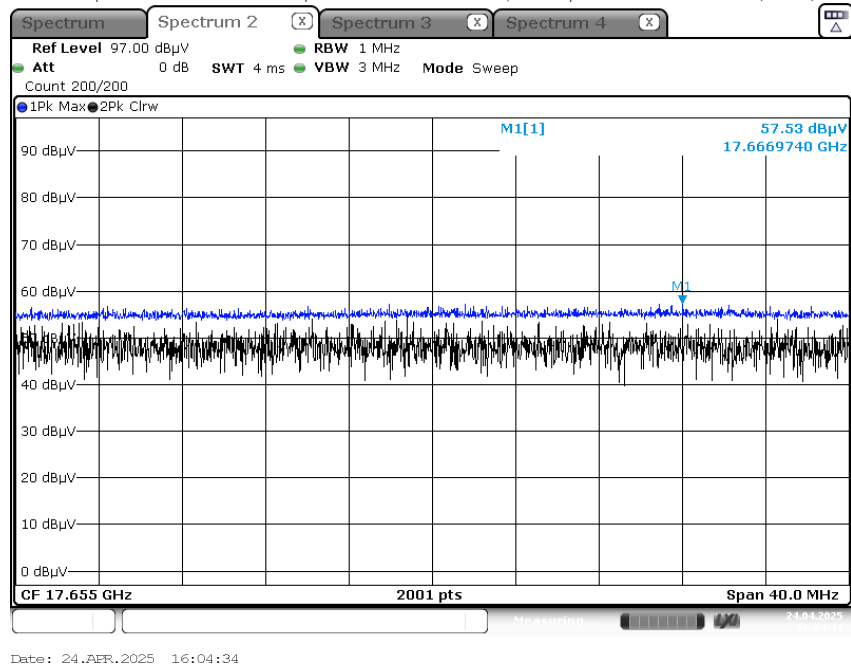
Radiated Spurious Emissions plot – Peak result (3rd Spurious Emission, Z-H, SU)



Date: 25.APR.2025 09:12:07

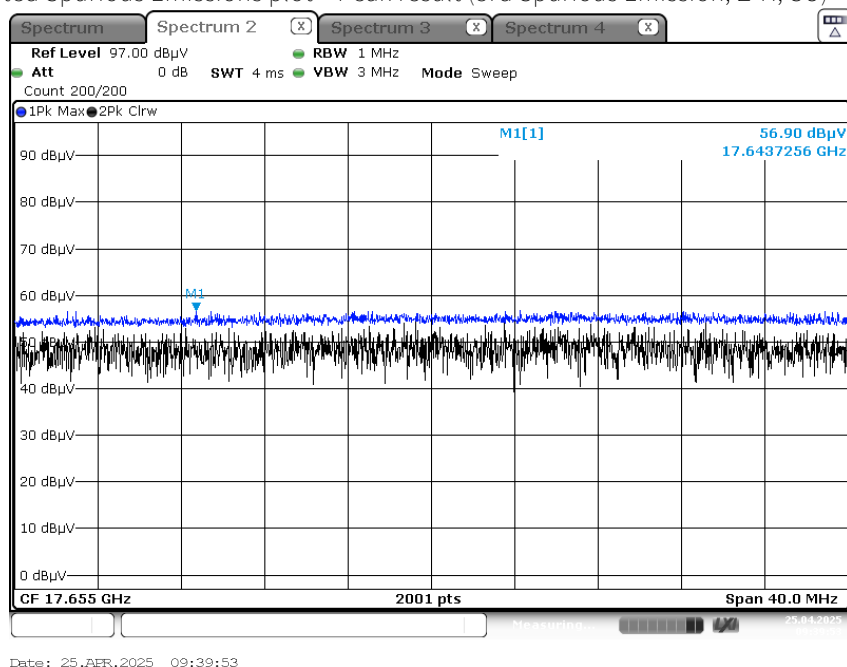
Scenario 2

Ant All(MIMO)_2.4 GHz 802.11b _1 Mbps Ch.6 + Ant All(MIMO) 5 GHz 802.11ax(HE20)_ MCS0 Ch.177
Radiated Spurious Emissions plot – Peak result (3rd Spurious Emission, Y-H, SU)



Scenario 3

Ant.1_Bluetooth DH5_Ch.78 + Ant.2_2.4 GHz 802.11b _1 Mbps Ch.6 + Ant All(MIMO) 5 GHz 802.11ax(HE20)_ MCS0 Ch.177
Radiated Spurious Emissions plot – Peak result (3rd Spurious Emission, Z-H, SU)



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

10.9 RADIATED RESTRICTED BAND EDGE

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

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

802.11ax(MCS0)		HE20			242T		
Channel	CH 36	5180 MHz	UNII1		RU offset		61
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	66.88	0.00	H	66.88	73.98	7.10	PK
5150	44.77	0.00	H	44.77	53.98	9.21	AV

802.11ax(MCS0)		HE20			242T		
Channel	CH 64	5320 MHz	UNII2A		RU offset		61
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	63.03	0.00	H	63.03	73.98	10.95	PK
5350	43.61	0.00	H	43.61	53.98	10.37	AV

802.11ax(MCS0)		HE20			242T		
Channel	CH 100	5500 MHz	UNII2C		RU offset		61
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	62.05	0.00	H	62.05	73.98	11.93	PK
5460	43.53	0.00	H	43.53	53.98	10.45	AV
#5470	58.86	0.00	H	58.86	68.20	9.34	PK

802.11ax(MCS0)		HE20			26T		
Channel	CH 36	5180 MHz	UNII1		RU offset		0
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	55.88	0.00	H	55.88	73.98	18.10	PK
5150	42.69	0.00	H	42.69	53.98	11.29	AV

802.11ax(MCS0)		HE20			26T		
Channel	CH 64	5320 MHz	UNII2A		RU offset		8
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	54.84	0.00	H	54.84	73.98	19.14	PK
5350	41.43	0.00	H	41.43	53.98	12.55	AV

802.11ax(MCS0)		HE20			26T		
Channel	CH 100	5500 MHz	UNII2C		RU offset		0
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	54.85	0.00	H	54.85	73.98	19.13	PK
5460	42.39	0.00	H	42.39	53.98	11.59	AV
5470	54.84	0.00	H	54.84	68.20	13.36	PK

802.11ax(MCS0)		HE20			52T		
Channel	CH 36	5180 MHz	UNII2C		RU offset		37
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	56.37	0.00	H	56.37	73.98	17.61	PK
5150	42.71	0.00	H	42.71	53.98	11.27	AV

802.11ax(MCS0)		HE20			52T		
Channel	CH 64	5320 MHz	UNII2C		RU offset		40
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	54.75	0.00	H	54.75	73.98	19.23	PK
5350	41.57	0.00	H	41.57	53.98	12.41	AV

802.11ax(MCS0)		HE20			52T		
Channel	CH 100	5500 MHz	UNII2C		RU offset		37
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	56.28	0.00	H	56.28	73.98	17.70	PK
5460	42.95	0.00	H	42.95	53.98	11.03	AV
5470	55.77	0.00	H	55.77	68.20	12.43	PK

802.11ax(MCS0)		HE20			106T		
Channel	CH 36	5180 MHz	UNII1		RU offset		53
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	55.91	0.00	H	55.91	73.98	18.07	PK
5150	42.70	0.00	H	42.7	53.98	11.28	AV

802.11ax(MCS0)		HE20			106T		
Channel	CH 64	5320 MHz	UNII2A		RU offset		54
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	54.77	0.00	H	54.77	73.98	19.21	PK
5350	41.44	0.00	H	41.44	53.98	12.54	AV

802.11ax(MCS0)		HE20			106T		
Channel	CH 100	5500 MHz	UNII2C		RU offset		53
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	55.38	0.00	H	55.38	73.98	18.60	PK
5460	42.96	0.00	H	42.96	53.98	11.02	AV
5470	55.78	0.00	H	55.78	68.20	12.42	PK

802.11ax(MCS0)		HE20			SU		
Channel	CH 36	5180 MHz	UNII1				
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	67.36	0.00	H	67.36	73.98	6.62	PK
5150	44.24	0.00	H	44.24	53.98	9.74	AV

802.11ax(MCS0)		HE20			SU		
Channel	CH 64	5180 MHz	UNII2A				
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	63.26	0.00	H	63.26	73.98	10.72	PK
5350	42.59	0.00	H	42.59	53.98	11.39	AV

802.11ax(MCS0)		HE20			SU		
Channel	CH 100	5180 MHz	UNII2C				
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	62.96	0.00	H	62.96	73.98	11.02	PK
5460	43.66	0.00	H	43.66	53.98	10.32	AV
#5470	59.45	0.00	H	59.45	68.20	8.75	PK

802.11ax(MCS0)		HE40			484T		
Channel	CH 38	5190 MHz	UNII1		RU offset		65
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	63.38	0.00	H	63.38	73.98	10.60	PK
5150	46.79	0.00	H	46.79	53.98	7.19	AV

802.11ax(MCS0)		HE40			484T		
Channel	CH 62	5310 MHz	UNII2A		RU offset		65
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	61.41	0.00	H	61.41	73.98	12.57	PK
5350	46.51	0.00	H	46.51	53.98	7.47	AV

802.11ax(MCS0)		HE40			484T		
Channel	CH 102	5510 MHz	UNII2C		RU offset		65
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	62.62	0.00	H	62.62	73.98	11.36	PK
5460	46.82	0.00	H	46.82	53.98	7.16	AV
5470	65.17	0.00	H	65.17	68.20	3.03	PK

802.11ax(MCS0)		HE40			26T		
Channel	CH 38	5190 MHz	UNII1		RU offset		0
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	55.31	0.00	H	55.31	73.98	18.67	PK
5150	42.87	0.00	H	42.87	53.98	11.11	AV

802.11ax(MCS0)		HE40			26T		
Channel	CH 62	5310 MHz	UNII2A		RU offset		17
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	54.42	0.00	H	54.42	73.98	19.56	PK
5350	41.60	0.00	H	41.6	53.98	12.38	AV

802.11ax(MCS0)		HE40			26T		
Channel	CH 102	5510 MHz	UNII2C		RU offset		0
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	55.27	0.00	H	55.27	73.98	18.71	PK
5460	42.31	0.00	H	42.31	53.98	11.67	AV
5470	54.60	0.00	H	54.6	68.20	13.60	PK

802.11ax(MCS0)		HE40			52T		
Channel	CH 38	5190 MHz	UNII1		RU offset		37
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	55.17	0.00	H	55.17	73.98	18.81	PK
5150	42.93	0.00	H	42.93	53.98	11.05	AV

802.11ax(MCS0)		HE40			52T		
Channel	CH 62	5310 MHz	UNII2A		RU offset		44
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	55.19	0.00	H	55.19	73.98	18.79	PK
5350	42.34	0.00	H	42.34	53.98	11.64	AV

802.11ax(MCS0)		HE40			52T		
Channel	CH 102	5510 MHz	UNII2C		RU offset		37
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	55.84	0.00	H	55.84	73.98	18.14	PK
5460	42.87	0.00	H	42.87	53.98	11.11	AV
5470	54.91	0.00	H	54.91	68.20	13.29	PK

802.11ax(MCS0)		HE40			106T		
Channel	CH 38	5190 MHz	UNII1		RU offset		53
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	55.74	0.00	H	55.74	73.98	18.24	PK
5150	42.90	0.00	H	42.9	53.98	11.08	AV

802.11ax(MCS0)		HE40			106T		
Channel	CH 62	5310 MHz	UNII2A		RU offset		56
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	55.65	0.00	H	55.65	73.98	18.33	PK
5350	42.26	0.00	H	42.26	53.98	11.72	AV

802.11ax(MCS0)		HE40			106T		
Channel	CH 102	5510 MHz	UNII2C		RU offset		53
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	55.59	0.00	H	55.59	73.98	18.39	PK
5460	42.76	0.00	H	42.76	53.98	11.22	AV
5470	55.43	0.00	H	55.43	68.20	12.77	PK

802.11ax(MCS0)		HE40			242T		
Channel	CH 38	5190 MHz	UNII1		RU offset		61
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	58.34	0.00	H	58.34	73.98	15.64	PK
5150	43.76	0.00	H	43.76	53.98	10.22	AV

802.11ax(MCS0)		HE40			242T		
Channel	CH 62	5310 MHz	UNII2A		RU offset		62
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	56.40	0.00	H	56.40	73.98	17.58	PK
5350	42.41	0.00	H	42.41	53.98	11.57	AV

802.11ax(MCS0)		HE40			242T		
Channel	CH 102	5510 MHz	UNII2C		RU offset		61
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	58.29	0.00	H	58.29	73.98	15.69	PK
5460	43.10	0.00	H	43.10	53.98	10.88	AV
5470	60.89	0.00	H	60.89	68.20	7.31	PK

802.11ax(MCS0)		HE40			SU		
Channel	CH 38	5190 MHz	UNII1				
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	63.93	0.00	H	63.93	73.98	10.05	PK
5150	46.98	0.00	H	46.98	53.98	7.00	AV

802.11ax(MCS0)		HE40			SU		
Channel	CH 62	5310 MHz	UNII2A				
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	64.26	0.00	H	64.26	73.98	9.72	PK
5350	47.01	0.00	H	47.01	53.98	6.97	AV

802.11ax(MCS0)		HE40			SU		
Channel	CH 102	5510 MHz	UNII2C				
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	62.09	0.00	H	62.09	73.98	11.89	PK
5460	46.63	0.00	H	46.63	53.98	7.35	AV
5470	64.71	0.00	H	64.71	68.20	3.49	PK

802.11ax(MCS0)		HE80			996T		
Channel	CH 42	5210 MHz	UNII1		RU offset		67
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	59.27	0.00	H	59.27	73.98	14.71	PK
5150	45.05	0.00	H	45.05	53.98	8.93	AV

802.11ax(MCS0)		HE80			996T		
Channel	CH 58	5290 MHz	UNII2A		RU offset		67
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	62.22	0.00	H	62.22	73.98	11.76	PK
5350	46.76	0.00	H	46.76	53.98	7.22	AV

802.11ax(MCS0)		HE80			996T		
Channel	CH 106	5530 MHz	UNII2C		RU offset		67
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	68.36	0.00	H	68.36	73.98	5.62	PK
5460	49.79	0.00	H	49.79	53.98	4.19	AV
5470	63.30	0.00	H	63.3	68.20	4.90	PK

802.11ax(MCS0)		HE80			26T		
Channel	CH 42	5210 MHz	UNII1		RU offset		0
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	55.71	0.00	H	55.71	73.98	18.27	PK
5150	42.73	0.00	H	42.73	53.98	11.25	AV

802.11ax(MCS0)		HE80			26T		
Channel	CH 58	5290 MHz	UNII2A		RU offset		36
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	55.82	0.00	H	55.82	73.98	18.16	PK
5350	41.80	0.00	H	41.8	53.98	12.18	AV

802.11ax(MCS0)		HE80			26T		
Channel	CH 106	5530 MHz	UNII2C		RU offset		0
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	55.12	0.00	H	55.12	73.98	18.86	PK
5460	42.27	0.00	H	42.27	53.98	11.71	AV
5470	59.76	0.00	H	59.76	68.20	8.44	PK

802.11ax(MCS0)		HE80			52T		
Channel	CH 42	5210 MHz	UNII1		RU offset		37
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	57.80	0.00	H	57.80	73.98	16.18	PK
5150	42.92	0.00	H	42.92	53.98	11.06	AV

802.11ax(MCS0)		HE80			52T		
Channel	CH 58	5290 MHz	UNII2A		RU offset		52
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	58.28	0.00	H	58.28	73.98	15.70	PK
5350	42.24	0.00	H	42.24	53.98	11.74	AV

802.11ax(MCS0)		HE80			52T		
Channel	CH 106	5530 MHz	UNII2C		RU offset		37
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	56.04	0.00	H	56.04	73.98	17.94	PK
5460	43.03	0.00	H	43.03	53.98	10.95	AV
5470	60.01	0.00	H	60.01	68.20	8.19	PK

802.11ax(MCS0)		HE80			106T		
Channel	CH 42	5210 MHz	UNII1		RU offset		53
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	61.53	0.00	H	61.53	73.98	12.45	PK
5150	42.95	0.00	H	42.95	53.98	11.03	AV

802.11ax(MCS0)		HE80			106T		
Channel	CH 58	5290 MHz	UNII2A		RU offset		60
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	62.46	0.00	H	62.46	73.98	11.52	PK
5350	41.84	0.00	H	41.84	53.98	12.14	AV

802.11ax(MCS0)		HE80			106T		
Channel	CH 106	5530 MHz	UNII2C		RU offset		53
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	64.82	0.00	H	64.82	73.98	9.16	PK
5460	42.62	0.00	H	42.62	53.98	11.36	AV
5470	64.03	0.00	H	64.03	68.20	4.17	PK

802.11ax(MCS0)		HE80			242T		
Channel	CH 42	5210 MHz	UNII1		RU offset		61
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	61.17	0.00	H	61.17	73.98	12.81	PK
5150	42.99	0.00	H	42.99	53.98	10.99	AV

802.11ax(MCS0)		HE80			242T		
Channel	CH 58	5290 MHz	UNII2A		RU offset		64
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	60.73	0.00	H	60.73	73.98	13.25	PK
5350	42.92	0.00	H	42.92	53.98	11.06	AV

802.11ax(MCS0)		HE80			242T		
Channel	CH 106	5530 MHz	UNII2C		RU offset		61
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
#5460	60.80	0.00	H	60.80	73.98	13.18	PK
5460	43.42	0.00	H	43.42	53.98	10.56	AV
#5470	62.98	0.00	H	62.98	68.20	5.22	PK

802.11ax(MCS0)		HE80			484T		
Channel	CH 42	5210 MHz	UNII1		RU offset		65
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	70.96	0.00	H	70.96	73.98	3.02	PK
5150	48.56	0.00	H	48.56	53.98	5.42	AV

802.11ax(MCS0)		HE80			484T		
Channel	CH 58	5290 MHz	UNII2A		RU offset		66
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	62.11	0.00	H	62.11	73.98	11.87	PK
5350	46.45	0.00	H	46.45	53.98	7.53	AV

802.11ax(MCS0)		HE80			484T		
Channel	CH 106	5530 MHz	UNII2C		RU offset		65
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	61.49	0.00	H	61.49	73.98	12.49	PK
5460	44.91	0.00	H	44.91	53.98	9.07	AV
5470	64.10	0.00	H	64.1	68.20	4.10	PK

802.11ax(MCS0)		HE80			SU		
Channel	CH 42	5210 MHz	UNII1				
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	58.99	0.00	H	58.99	73.98	14.99	PK
5150	44.88	0.00	H	44.88	53.98	9.10	AV

802.11ax(MCS0)		HE80			SU		
Channel	CH 58	5290 MHz	UNII2A				
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	62.79	0.00	H	62.79	73.98	11.19	PK
5350	46.51	0.00	H	46.51	53.98	7.47	AV

802.11ax(MCS0)		HE80			SU		
Channel	CH 106	5530 MHz	UNII2C				
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	69.78	0.00	H	69.78	73.98	4.20	PK
5460	49.97	0.00	H	49.97	53.98	4.01	AV
5470	64.39	0.00	H	64.39	68.20	3.81	PK

802.11ax(MCS0)		HE160(80L)			996T		
Channel	CH 50	5250 MHz	UNII1 Low edge		RU offset		67
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	64.36	0.00	H	64.36	73.98	9.62	PK
5150	44.90	0.00	H	44.9	53.98	9.08	AV

802.11ax(MCS0)		HE160(80L)			996T		
Channel	CH 50	5250 MHz	UNII 2A Upper edge		RU offset		67
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	65.22	0.00	H	65.22	73.98	8.76	PK
5350	43.36	0.00	H	43.36	53.98	10.62	AV

802.11ax(MCS0)		HE160(80L)			996T		
Channel	CH 114	5570 MHz	UNII 2C Low edge		RU offset		67
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	65.32	0.00	H	65.32	73.98	8.66	PK
5460	47.26	0.00	H	47.26	53.98	6.72	AV
#5470	65.93	0.00	H	65.93	68.20	2.27	PK

802.11ax(MCS0)		HE160(80L)			26T		
Channel	CH 50	5250 MHz	UNII1 Low edge		RU offset		0
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	65.79	0.00	H	65.79	73.98	8.19	PK
5150	43.01	0.00	H	43.01	53.98	10.97	AV

802.11ax(MCS0)		HE160(80L)			26T		
Channel	CH 50	5250 MHz	UNII 2A Upper edge		RU offset		0
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	55.63	0.00	H	55.63	73.98	18.35	PK
5350	41.76	0.00	H	41.76	53.98	12.22	AV

802.11ax(MCS0)		HE160(80L)			26T		
Channel	CH 114	5570 MHz	UNII 2C Low edge		RU offset		0
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	67.00	0.00	H	67.00	73.98	6.98	PK
5460	42.08	0.00	H	42.08	53.98	11.90	AV
#5470	61.76	0.00	H	61.76	68.20	6.44	PK

802.11ax(MCS0)		HE160(80L)			52T		
Channel	CH 50	5250 MHz	UNII1 Low edge		RU offset		37
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	54.92	0.00	H	54.92	73.98	19.06	PK
5150	43.04	0.00	H	43.04	53.98	10.94	AV

802.11ax(MCS0)		HE160(80L)			52T		
Channel	CH 50	5250 MHz	UNII 2A Upper edge		RU offset		37
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	54.05	0.00	H	54.05	73.98	19.93	PK
5350	42.12	0.00	H	42.12	53.98	11.86	AV

802.11ax(MCS0)		HE160(80L)			52T		
Channel	CH 114	5570 MHz	UNII 2C Low edge		RU offset		37
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	55.31	0.00	H	55.31	73.98	18.67	PK
5460	42.66	0.00	H	42.66	53.98	11.32	AV
5470	58.28	0.00	H	58.28	68.20	9.92	PK

802.11ax(MCS0)		HE160(80L)			106T		
Channel	CH 50	5250 MHz	UNII1 Low edge		RU offset		53
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	66.37	0.00	H	66.37	73.98	7.61	PK
5150	43.20	0.00	H	43.2	53.98	10.78	AV

802.11ax(MCS0)		HE160(80L)			106T		
Channel	CH 50	5250 MHz	UNII 2A Upper edge		RU offset		53
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	62.07	0.00	H	62.07	73.98	11.91	PK
5350	42.16	0.00	H	42.16	53.98	11.82	AV
5470	61.46	0.00	H	61.46	68.20	6.74	PK

802.11ax(MCS0)		HE160(80L)			106T		
Channel	CH 114	5570 MHz	UNII 2C Low edge		RU offset		53
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	64.99	0.00	H	64.99	73.98	8.99	PK
5460	42.51	0.00	H	42.51	53.98	11.47	AV
#5470	58.56	0.00	H	58.56	68.20	9.64	PK

802.11ax(MCS0)		HE160(80L)			242T		
Channel	CH 50	5250 MHz	UNII 1 Low edge		RU offset		61
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	69.22	0.00	H	69.22	73.98	4.76	PK
5150	43.66	0.00	H	43.66	53.98	10.32	AV

802.11ax(MCS0)		HE160(80L)			242T		
Channel	CH 50	5250 MHz	UNII 2A Upper edge		RU offset		61
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	68.86	0.00	H	68.86	73.98	5.12	PK
5350	43.21	0.00	H	43.21	53.98	10.77	AV
#5470	61.85	0.00	H	61.85	68.20	6.35	PK

802.11ax(MCS0)		HE160(80L)			242T		
Channel	CH 114	5570 MHz	UNII 2C Low edge		RU offset		61
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	66.60	0.00	H	66.60	73.98	7.38	PK
5460	43.39	0.00	H	43.39	53.98	10.59	AV
#5470	63.63	0.00	H	63.63	68.20	4.57	PK

802.11ax(MCS0)		HE160(80L)			484T		
Channel	CH 50	5250 MHz	UNII1 Low edge		RU offset		65
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	63.80	0.00	H	63.80	73.98	10.18	PK
5150	45.24	0.00	H	45.24	53.98	8.74	AV

802.11ax(MCS0)		HE160(80L)			484T		
Channel	CH 50	5250 MHz	UNII 2A Upper edge		RU offset		65
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	55.88	0.00	H	55.88	73.98	18.10	PK
5350	42.69	0.00	H	42.69	53.98	11.29	AV

802.11ax(MCS0)		HE160(80L)			484T		
Channel	CH 114	5570 MHz	UNII 2C Low edge		RU offset		65
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	62.64	0.00	H	62.64	73.98	11.34	PK
5460	44.41	0.00	H	44.41	53.98	9.57	AV
5470	65.68	0.00	H	65.68	68.20	2.52	PK

802.11ax(MCS0)		HE160(80U)			996T		
Channel	CH 50	5250 MHz	UNII1 Low edge		RU offset		67
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	61.80	0.00	H	61.80	73.98	12.18	PK
5150	43.98	0.00	H	43.98	53.98	10.00	AV

802.11ax(MCS0)		HE160(80U)			996T		
Channel	CH 50	5250 MHz	UNII 2A Upper edge		RU offset		67
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	64.40	0.00	H	64.40	73.98	9.58	PK
5350	44.08	0.00	H	44.08	53.98	9.90	AV

802.11ax(MCS0)		HE160(80U)			26T		
Channel	CH 50	5250 MHz	UNII1 Low edge		RU offset		36
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	55.54	0.00	H	55.54	73.98	18.44	PK
5150	42.94	0.00	H	42.94	53.98	11.04	AV

802.11ax(MCS0)		HE160(80U)			26T		
Channel	CH 50	5250 MHz	UNII 2A Upper edge		RU offset		36
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	60.03	0.00	H	60.03	73.98	13.95	PK
5350	43.08	0.00	H	43.08	53.98	10.90	AV

802.11ax(MCS0)		HE160(80U)			52T		
Channel	CH 50	5250 MHz	UNII1 Low edge		RU offset		52
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	57.94	0.00	H	57.94	73.98	16.04	PK
5150	43.17	0.00	H	43.17	53.98	10.81	AV

802.11ax(MCS0)		HE160(80U)			52T		
Channel	CH 50	5250 MHz	UNII 2A Upper edge		RU offset		52
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	71.00	0.00	H	71.00	73.98	2.98	PK
5350	43.22	0.00	H	43.22	53.98	10.76	AV

802.11ax(MCS0)		HE160(80U)			106T		
Channel	CH 50	5250 MHz	UNII1 Low edge		RU offset		60
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	55.74	0.00	H	55.74	73.98	18.24	PK
5150	43.33	0.00	H	43.33	53.98	10.65	AV

802.11ax(MCS0)		HE160(80U)			106T		
Channel	CH 50	5250 MHz	UNII 2A Upper edge		RU offset		60
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	61.78	0.00	H	61.78	73.98	12.20	PK
5350	43.04	0.00	H	43.04	53.98	10.94	AV

802.11ax(MCS0)		HE160(80U)			242T		
Channel	CH 50	5250 MHz	UNII1 Low edge		RU offset		64
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	59.32	0.00	H	59.32	73.98	14.66	PK
5150	43.52	0.00	H	43.52	53.98	10.46	AV

802.11ax(MCS0)		HE160(80U)			242T		
Channel	CH 50	5250 MHz	UNII 2A Upper edge		RU offset		64
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
#5350	66.73	0.00	H	66.73	73.98	7.25	PK
5350	45.42	0.00	H	45.42	53.98	8.56	AV

802.11ax(MCS0)		HE160(80U)			484T		
Channel	CH 50	5250 MHz	UNII1 Low edge		RU offset		66
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	60.23	0.00	H	60.23	73.98	13.75	PK
5150	43.60	0.00	H	43.6	53.98	10.38	AV

802.11ax(MCS0)		HE160(80U)			484T		
Channel	CH 50	5250 MHz	UNII1 Low edge		RU offset		66
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	69.50	0.00	H	69.50	73.98	4.48	PK
5350	47.08	0.00	H	47.08	53.98	6.90	AV

802.11ax(MCS0)		HE160			2x996T		
Channel	CH 50	5250 MHz	UNII1 Low edge		RU offset		68
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	62.18	0.00	H	62.18	73.98	11.80	PK
5150	43.29	0.00	H	43.29	53.98	10.69	AV

802.11ax(MCS0)		HE160			2x996T		
Channel	CH 50	5250 MHz	UNII 2A Upper edge		RU offset		68
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	64.59	0.00	H	64.59	73.98	9.39	PK
5350	42.11	0.00	H	42.11	53.98	11.87	AV

802.11ax(MCS0)		HE160			2x996T		
Channel	CH 114	5570 MHz	UNII2C Low edge		RU offset		68
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	61.12	0.00	H	61.12	73.98	12.86	PK
5460	43.41	0.00	H	43.41	53.98	10.57	AV
5470	62.17	0.00	H	62.17	68.20	6.03	PK

802.11ax(MCS0)		HE160			SU		
Channel	CH 50	5210 MHz	UNII 1 Low edge				
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5150	61.51	0.00	H	61.51	73.98	12.47	PK
5150	43.26	0.00	H	43.26	53.98	10.72	AV

802.11ax(MCS0)		HE160			SU		
Channel	CH 50	5210 MHz	UNII 2A Upper edge				
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5350	63.68	0.00	H	63.68	73.98	10.30	PK
5350	42.36	0.00	H	42.36	53.98	11.62	AV

802.11ax(MCS0)		HE160			SU		
Channel	CH 114	5570 MHz	UNII 2C Low edge				
Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin	Measurement
[MHz]	[dBμV]	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	Type
5460	60.77	0.00	H	60.77	73.98	13.21	PK
5460	43.11	0.00	H	43.11	53.98	10.87	AV
5470	61.46	0.00	H	61.46	68.20	6.74	PK

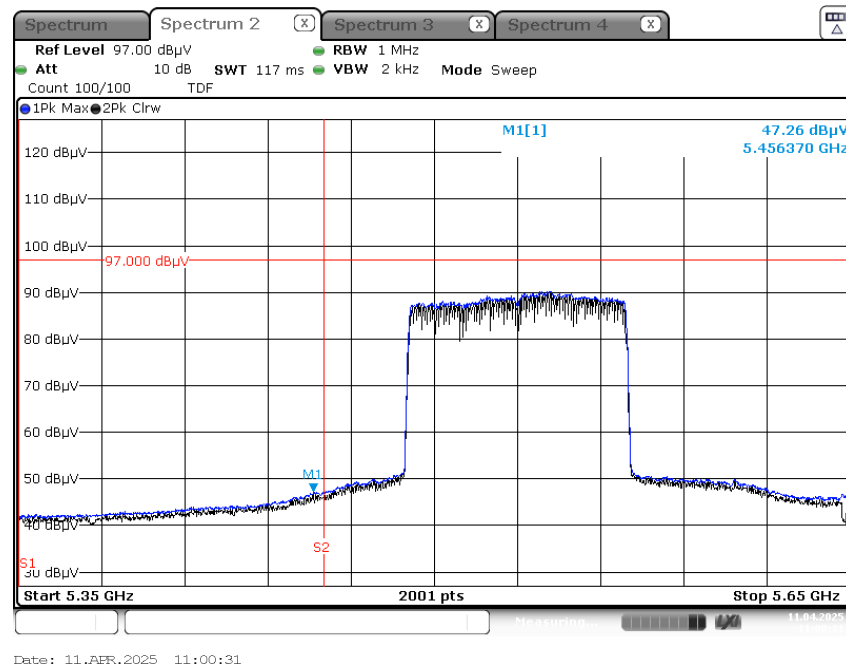
Note:

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

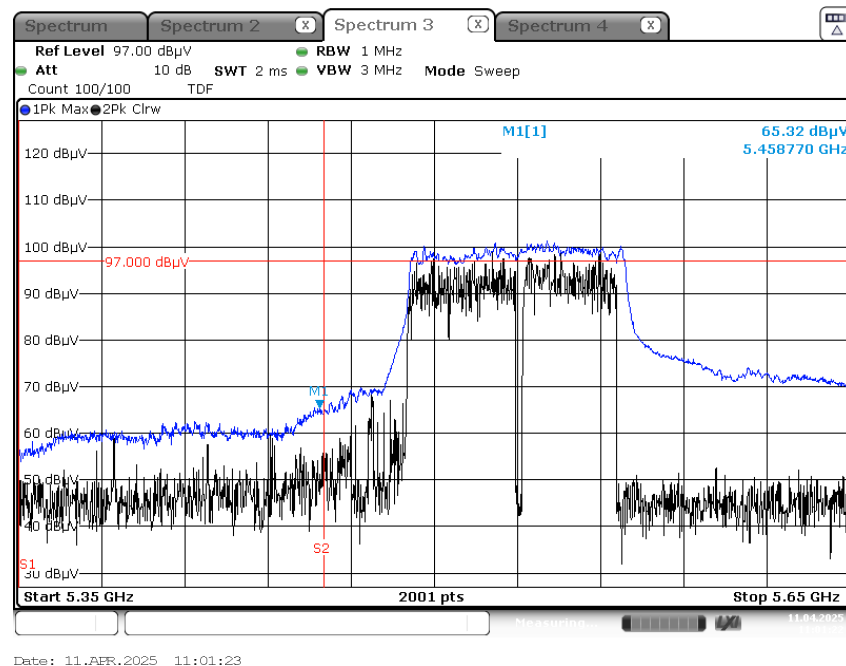
In order to simplify the report, We only have attached Bandedge result of worst case.

■ Test Plots(UNII 1, 2A, 2C),
[MIMO_CDD(Ant.1+ Ant.2)]

Radiated Restricted Band Edges plot - Average result (802.11ax(HE160_80L), Ch.114, X-H) – 996T RU 67

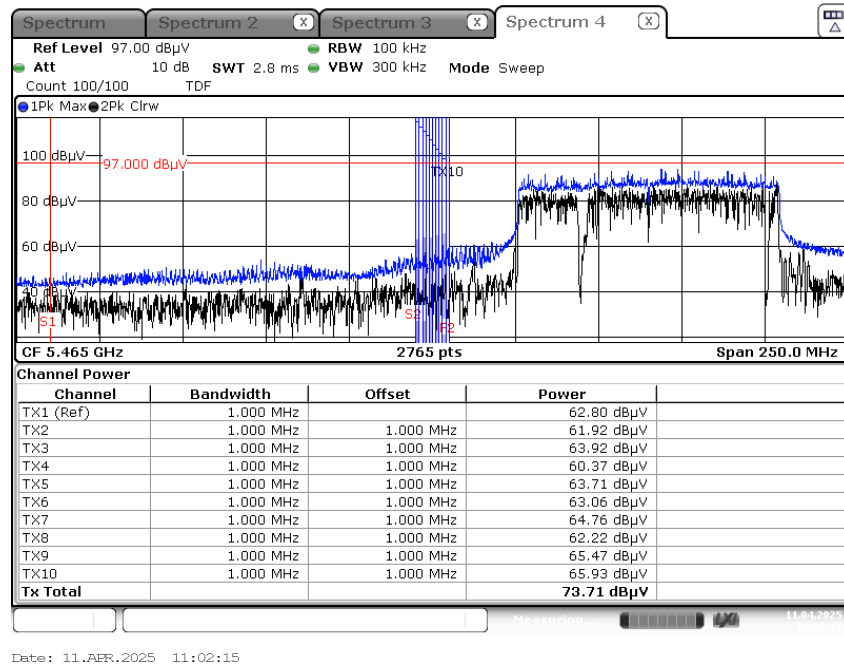


Radiated Restricted Band Edges plot - Peak result (802.11ax(HE160_80L), Ch.114, X-H) – 996T RU 67



Radiated Restricted Band Edges plot - Peak result (802.11ax(HE160_80L), Ch.64, X-H) – 996T RU 67

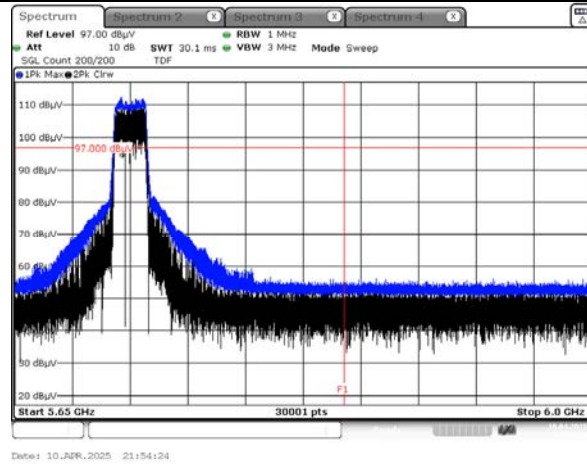
(Integration method Used)


Note:

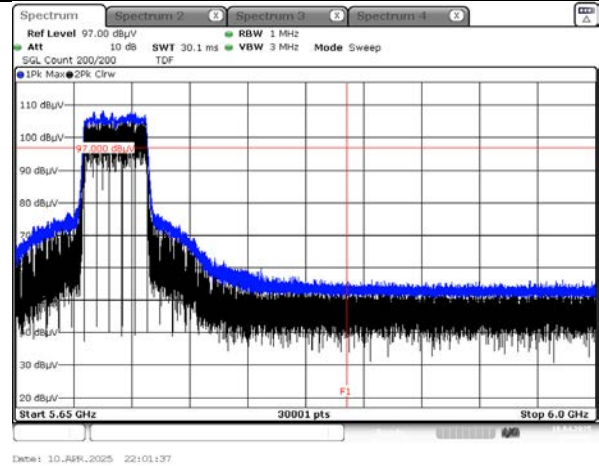
Only the worst case plots for Radiated Restricted Band Edge.

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

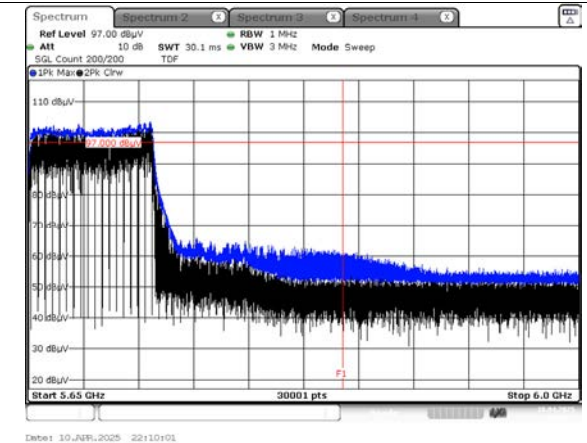
Peak result (802.11ax(HE20) Ch.144, 242T RU 61)



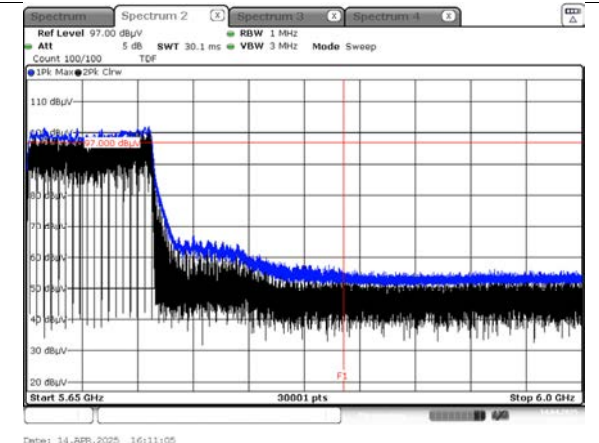
Peak result (802.11ax(HE40) Ch.142, 484T RU 65)



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



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

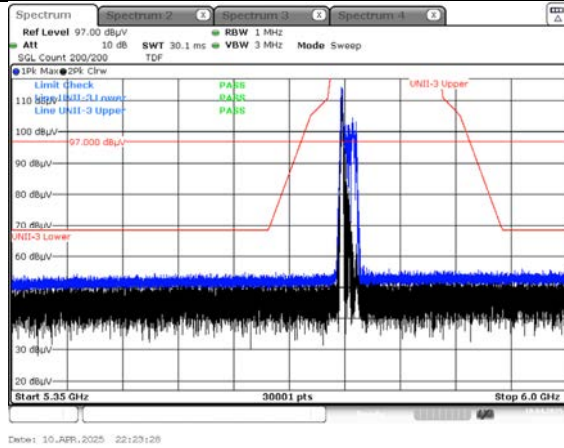


Note :

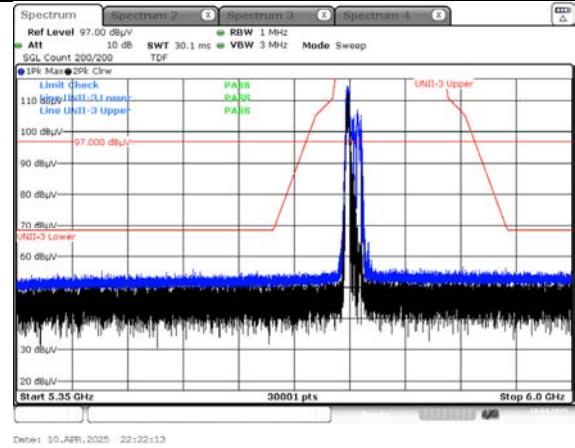
1. Only the worst case plots for Radiated Restricted Band Edge.
2. Red line : 5 850 MHz
3. Ambient Noise (Because of ambient noise, We attached only the worst plot without a data table)

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

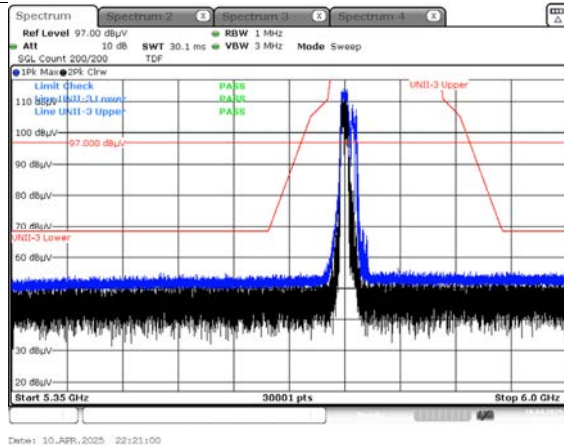
Peak result (802.11ax(HE20) Ch.149, 26T RU 0)



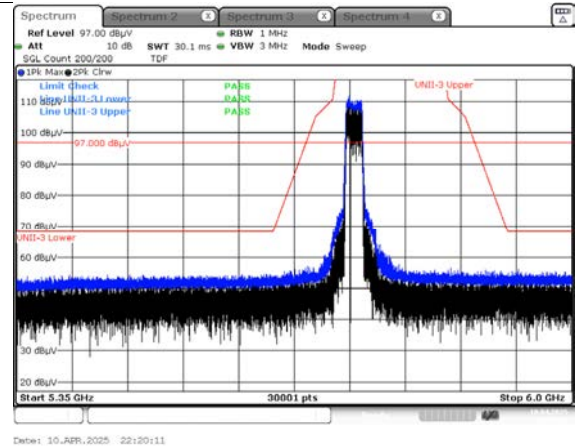
Peak result (802.11ax(HE20) Ch.149, 52T RU 37)



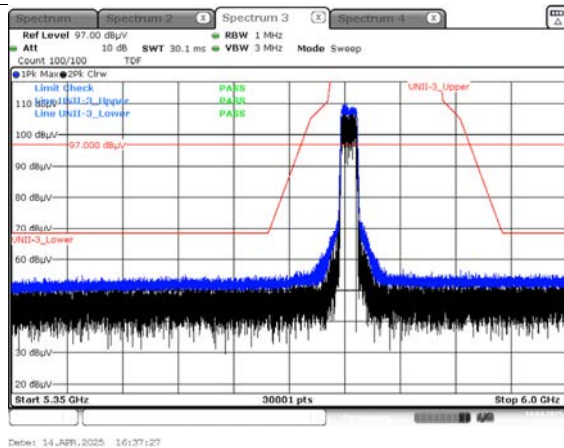
Peak result (802.11ax(HE20) Ch.149, 106T RU 53)



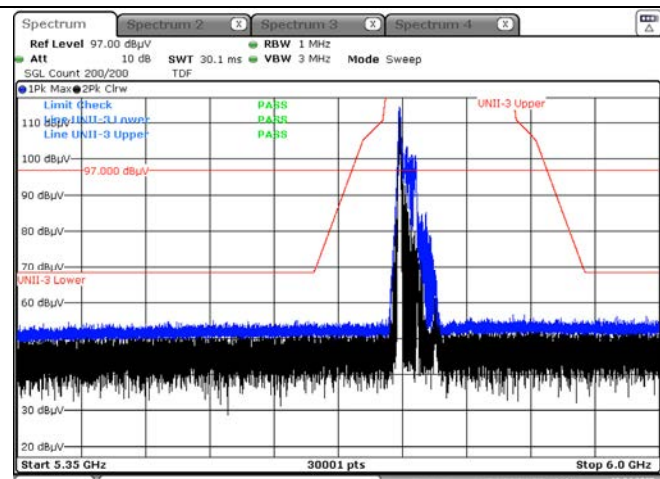
Peak result (802.11ax(HE20) Ch.149, 242T RU 61)



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

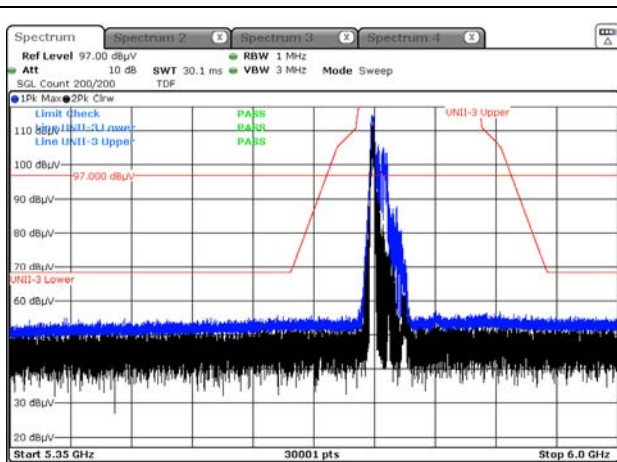


Peak result (802.11ax(HE40) Ch.151, 26T RU 0)



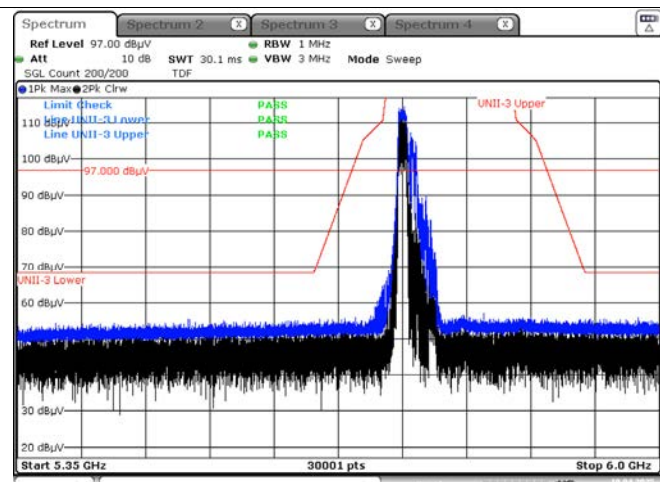
Date: 10.APR.2025 22:39:21

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



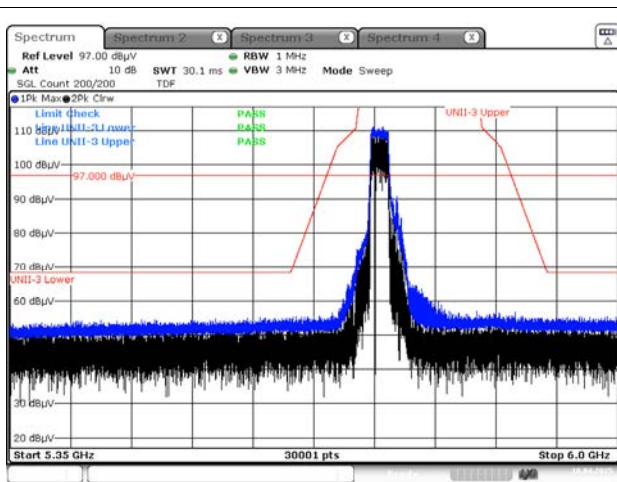
Date: 10.APR.2025 22:38:07

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



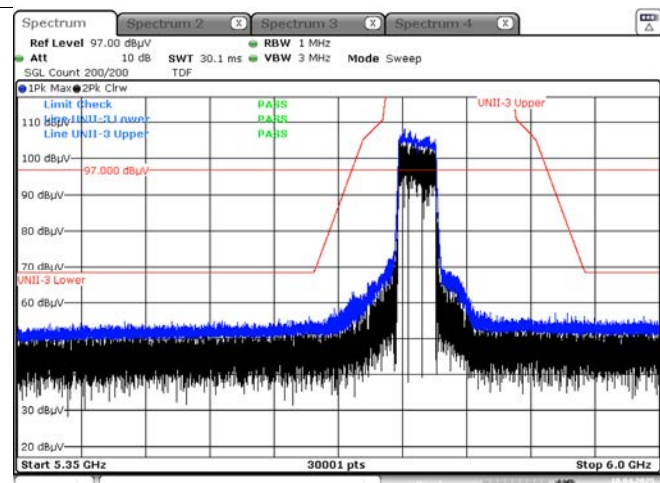
Date: 10.APR.2025 22:36:55

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



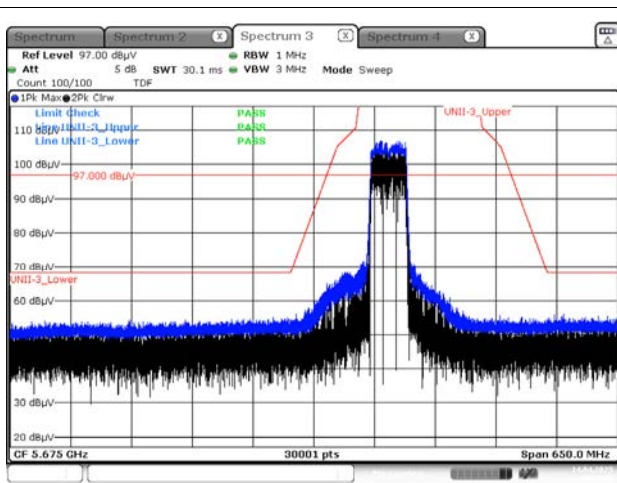
Date: 10.APR.2025 22:35:43

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



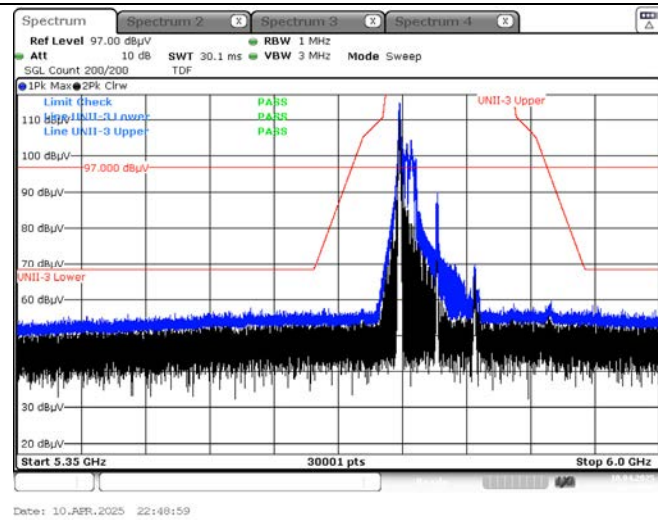
Date: 10.APR.2025 22:34:52

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

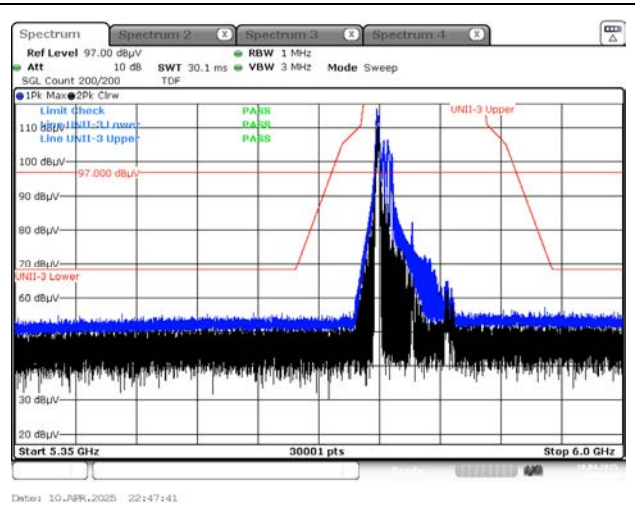


Date: 14.APR.2025 16:24:13

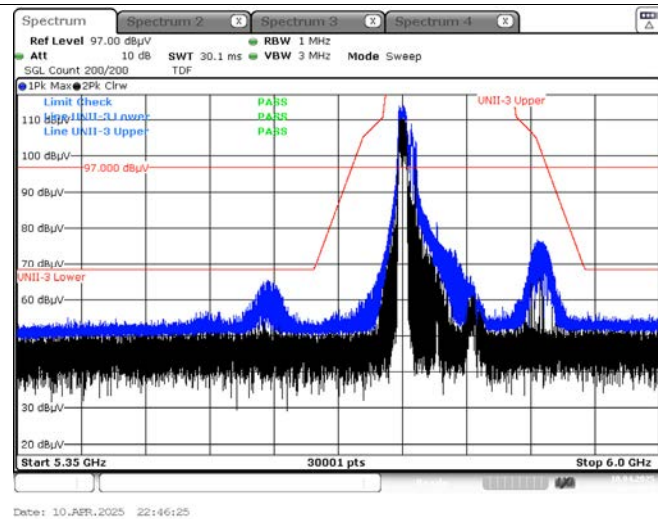
Peak result (802.11ax(HE80) Ch.155, 26T RU 0)



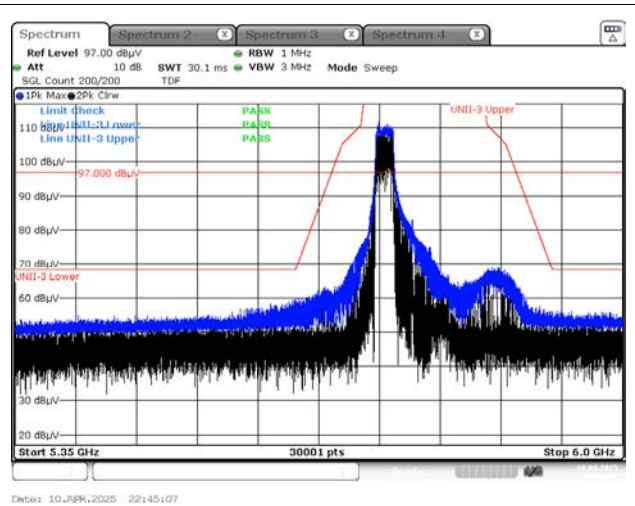
Peak result (802.11ax(HE80) Ch.155, 52T RU 37)



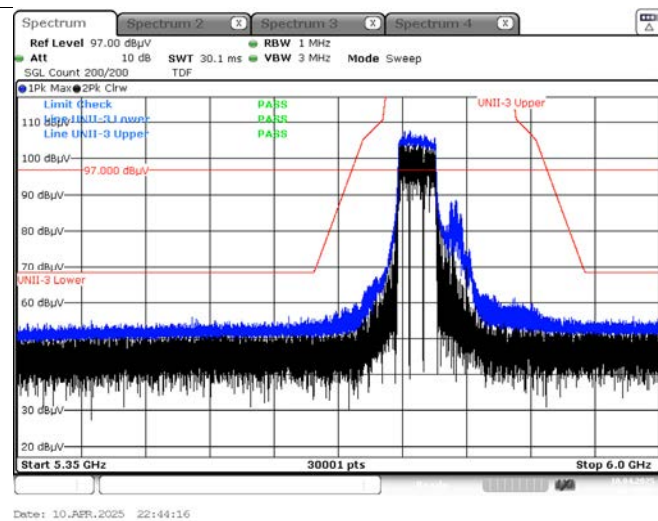
Peak result (802.11ax(HE80) Ch.155, 106T RU 53)



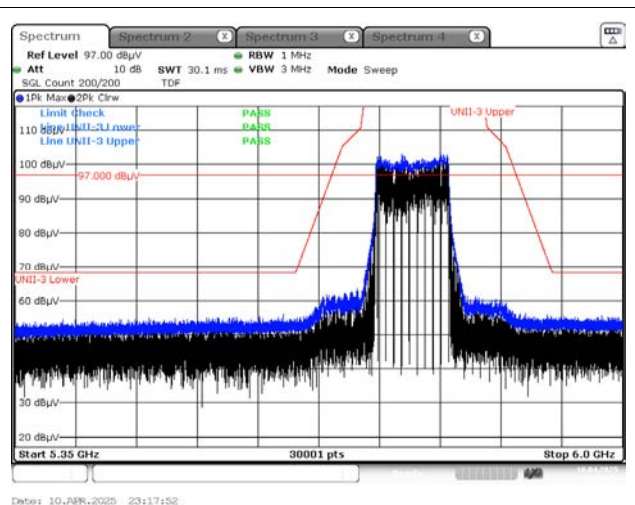
Peak result (802.11ax(HE80) Ch.155, 242T RU 61)



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



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



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

