74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383, Rep. of KOREA
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FCC UNII 6e REPORT

Certification

Applicant Name:
SAMSUNG Electronics Co., Ltd.

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

Date of Issue:
May 30, 2022

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

Report No.: HCT-RF-2205-FC052-R2

FCC ID:	**A3LSMG736U**
APPLICANT:	**SAMSUNG Electronics Co., Ltd.**

Model:	SM-G736U
Additional Model:	SM-G736U1
EUT Type:	Mobile Phone
Modulation type	OFDM, OFDMA
FCC Classification:	15E 6 GHz Low Power Indoor Client (6XD)
FCC Rule Part(s):	Part 15.407

Engineering Statement:

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

REVIEWED BY

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

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

This test results were applied only to the test methods required by the standard.

This laboratory is not accredited for the test results marked *.
The above Test Report is the accredited test result by (KS Q) ISO/IEC 17025 and KOLAS(Korea Laboratory Accreditation Scheme), which signed the ILAC-MRA. (HCT Accreditation No.: KT197)

Version

TEST REPORT NO.	DATE	DESCRIPTION
HCT-RF-2205-FC052	May 16, 2022	- First Approval Report
HCT-RF-2205-FC052-R1	May 25, 2022	- Added EIRP calculation formula (Page 69, 70, 76, 82) - Update & Revised CBP table (Page 107-108)
HCT-RF-2205-FC052-R2	May 30, 2022	- Added the test Data & Revised the Note (Page.107~110)

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1. GENERAL INFORMATION

EUT DESCRIPTION

Model	SM-G736U	
Additional Model	SM-G736U1	
EUT Type	Mobile Phone	
Power Supply	DC 3.86 V	
Modulation Type	OFDM, OFDMA	
Frequency Range (MHz)	U-NII-5	20 MHz BW : 5955 - 6415 40 MHz BW : 5965 - 6405 80 MHz BW : 5985 - 6385 160 MHz BW : 6025 - 6345
	U-NII-6	20 MHz BW : 6435 - 6515 40 MHz BW : 6445 - 6525 80 MHz BW : 6465 160 MHz BW : 6505
	U-NII-7	20 MHz BW : 6535 - 6875 40 MHz BW : 6565 - 6845 80 MHz BW : 6545 – 6865 160 MHz BW : 6665 - 6825
	U-NII-8	20 MHz BW : 6895 - 7115 40 MHz BW : 6885 - 7085 80 MHz BW : 6945 - 7025 160 MHz BW : 6985
Straddle channel	Supported	
Date(s) of Tests	March 30, 2022 ~ May 13, 2022	
Serial number	Radiated: R3CT30RY5WR Conducted : R3CT30RX8NP Conducted(CBP test Only) : R3CT30RX8BV	

ANTENNA CONFIGURATIONS

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

(5) SISO test was performed for the MIMO test result.

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

DBS	2.4 GHz WiFi Ant.1	2.4 GHz WiFi Ant.2	5 GHz WiFi Ant.1	5 GHz WiFi Ant.2	6 GHz WiFi Ant.1	6 GHz WiFi Ant.2	Bluetooth Ant.1	Bluetooth Ant.2
Bluetooth ANT.1 + 6 GHz WiFi MIMO					on	on	on	
Bluetooth ANT.1 + 5GHz WiFi MIMO			on	on	-	-	on	-

3. Directional Gain Calculation

According to KDB 662911 D01 Multiple Transmitter Output v02r01F) 2) f) (ii)

Directional gain =

$$\bullet \quad DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

Band	Ant 1 Gain (dBi)	Ant 2 Gain (dBi)	N_{ANT}/ N_{SS}	Directional Gain (dBi)
UNII-5	-1.40	-0.10	2 / 2	2.28
UNII-6	-3.10	-0.60	2 / 2	1.25
UNII-7	-5.20	-1.00	2 / 2	0.16
UNII-8	-7.00	-1.80	2 / 2	-1.01

Note

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

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

Sample Calculation(Conducted Power, MIMO):

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

Ant1 + Ant 2 = MIMO

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

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

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

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

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

2. MAXIMUM OUTPUT POWER

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

Band	Mode	SUM	
		(SISO Ant1 + SISO Ant2) EIRP Power	
		(dBm)	(W)
UNII5	802.11ax (HE20)	9.82	0.010
	802.11ax (HE40)	10.01	0.010
	802.11ax (HE80)	10.22	0.011
	802.11ax (HE160)	10.67	0.012
UNII6	802.11ax (HE20)	8.57	0.007
	802.11ax (HE40)	9.13	0.008
	802.11ax (HE80)	8.33	0.007
	802.11ax (HE160)	9.20	0.008
UNII7	802.11ax (HE20)	6.88	0.005
	802.11ax (HE40)	7.41	0.006
	802.11ax (HE80)	7.83	0.006
	802.11ax (HE160)	7.32	0.005
UNII8	802.11ax (HE20)	5.86	0.004
	802.11ax (HE40)	6.47	0.004
	802.11ax (HE80)	6.84	0.005
	802.11ax (HE160)	7.12	0.005

Band	Mode	SISO Ant 1 EIRP Power	
		(dBm)	(W)
UNII5	802.11 a	3.48	0.002
UNII6		0.88	0.001
UNII7		-1.53	0.001
UNII8		-2.99	0.001

3. TEST METHODOLOGY

U-NII 6 GHz devices operating in the 5.925-7.125 GHz band was tested using the following measurement procedure.

[1] FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v01v01(February 04, 2021)

[2] KDB 789033 D02 General UNII Test Procedures New Rules v02r01(December 14, 2017)

[3] ANSI C63.10(2013) 'the American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

EUT CONFIGURATION

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

EUT EXERCISE

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

GENERAL TEST PROCEDURES

Conducted Emissions

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

Radiated Emissions

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

DESCRIPTION OF TEST MODES

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

4. INSTRUMENT CALIBRATION

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

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

5. FACILITIES AND ACCREDITATIONS

5.1 FACILITIES

The SAC(Semi-Anechoic Chamber) and conducted measurement facility used to collect the radiated data are located at the 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383, Rep. of KOREA. The site is constructed in conformance with the requirements of ANSI C63.4. (Version :2014) and CISPR Publication 22. Detailed description of test facility was submitted to the Commission and accepted dated April 02, 2018 (Registration Number: KR0032).

5.2 EQUIPMENT

Radiated emissions are measured with one or more of the following types of Linearly polarized antennas: tuned dipole, bi-conical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with pre-selectors and quasi-peak detectors are used to perform radiated measurements.

Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers. Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

6. ANTENNA REQUIREMENTS

According to FCC 47 CFR §15.203, §15.407:

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

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

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

7. MEASUREMENT UNCERTAINTY

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

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

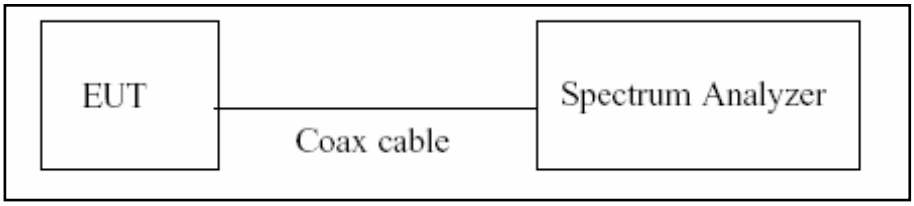
The measurement data shown herein meets or exceeds the U_{CISPR} measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Parameter	Expanded Uncertainty (dB)
Conducted Disturbance (150 kHz ~ 30 MHz)	2.00 (Confidence level about 95 %, k=2)
Radiated Disturbance (9 kHz ~ 30 MHz)	4.40 (Confidence level about 95 %, k=2)
Radiated Disturbance (30 MHz ~ 1 GHz)	5.74 (Confidence level about 95 %, k=2)
Radiated Disturbance (1 GHz ~ 18 GHz)	5.51 (Confidence level about 95 %, k=2)
Radiated Disturbance (18 GHz ~ 40 GHz)	5.92 (Confidence level about 95 %, k=2)
Radiated Disturbance (Above 40 GHz)	5.48 (Confidence level about 95 %, k=2)

8. DESCRIPTION OF TESTS

8.1. Duty Cycle

Test Configuration



Test Procedure

The transmitter output is connected to the Spectrum Analyzer.

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

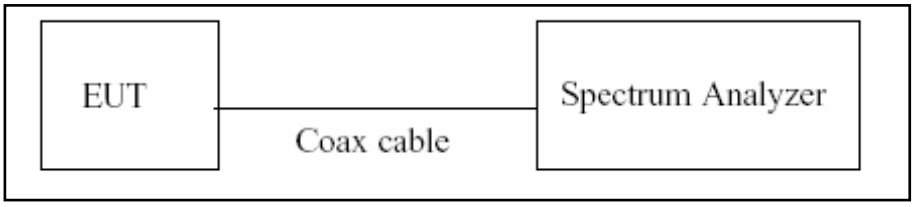
1. RBW = 8 MHz (the largest available value)
2. VBW = 8 MHz (≥ RBW)
3. SPAN = 0 Hz
4. Detector = Peak
5. Number of points in sweep > 100
6. Trace mode = Clear write
7. Measure T_{total} and T_{on}
8. Calculate Duty Cycle = T_{on}/ T_{total} and Duty Cycle Factor = 10log(1/Duty Cycle)

8.2.26 dB Bandwidth

Limit

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

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 %.

Note:

1. We tested X dB bandwidth using the automatic bandwidth measurement capability of a spectrum analyzer.
2. The 26 dB bandwidth is used to determine the in-Band Emission limits.

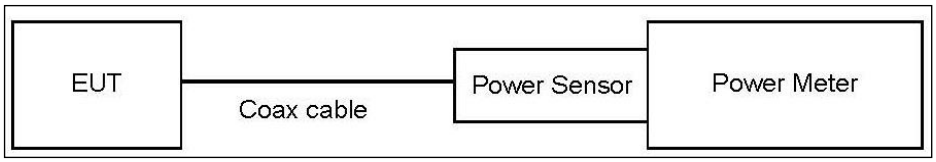
8.3. Output Power Measurement

Limit

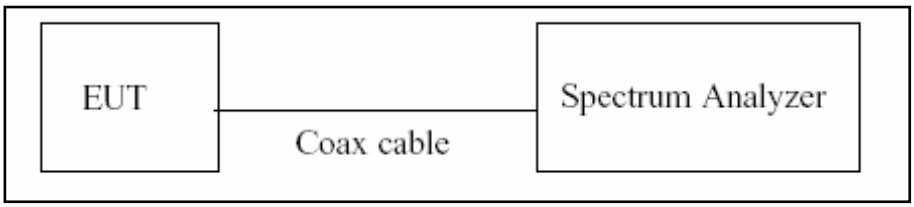
Band	Limit (e.i.r.p)
UNII 5,6,7,8	< 24 dBm

Test Configuration

Power Meter



Spectrum Analyzer(Only Straddle Channel)



Test Procedure(Power Meter)

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

1. Measure the duty cycle.
2. Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
3. Add 10 log (1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times.

Test Procedure(Spectrum Analyzer)

The transmitter output is connected to the Spectrum Analyzer.

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

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

1. Measure the duty cycle.
2. Set span to encompass the 26 dB EBW of the signal.
3. RBW = 1 MHz.
4. VBW ≥ 3 MHz.
5. Number of points in sweep ≥ 2 x span/RBW.
6. Sweep time = auto.
7. Detector = RMS.
8. Do not use sweep triggering. Allow the sweep to "free run".
9. Trace average at least 100 traces in power averaging(RMS) mode
10. Integrated bandwidth = OBW
11. Add 10log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times.

Sample Calculation

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

Note

1. Spectrum Measured Values are not plot data.
   The power results in plot is already including the actual values of loss for the attenuator and cable combination.
2. Spectrum offset
   Ant.1: Loss = Attenuator loss(10 dB) + Cable loss + EUT cable Loss
   Ant.2: Loss = 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 5	11.89	11.04
UNII 6	12.04	11.04
UNII 7	12.04	11.04
UNII 8	12.24	11.04

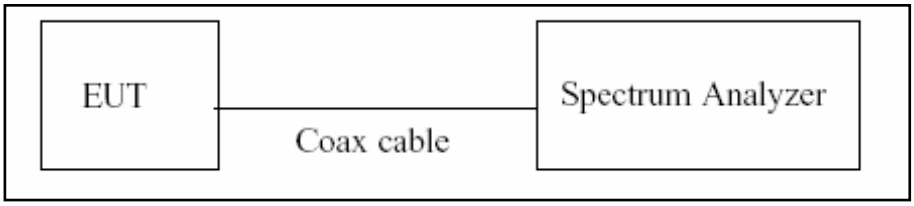
(Actual value of loss for the attenuator and cable combination)

Limit

Operating Mode	Band	Mode	E.I.R.P Limit (dBm)
MIMO	UNII 5	802.11ax HE20/HE40/HE80/HE160 802.11a	24
	UNII 6		
	UNII 7		
	UNII 8		

8.4. Power Spectral Density

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

Limit

Operating Mode	Band	Mode	E.I.R.P Limit (dBm/MHz)
MIMO	UNII 5	802.11ax HE20/HE40/HE80/HE160	-1
	UNII 6		
	UNII 7		
	UNII 8		

Sample Calculation

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

Note

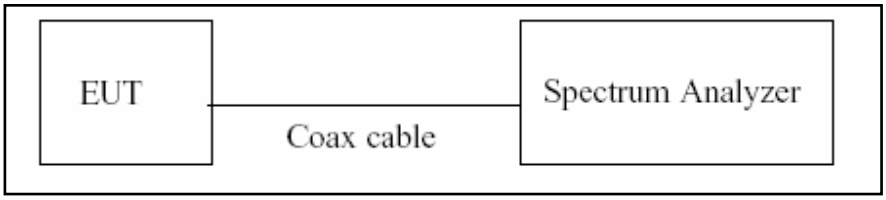
1. Spectrum Measured Values are not plot data.
   The PSD results in plot is already including the actual values of loss for the attenuator and cable combination.
2. Spectrum offset
   Ant.1: Loss = Attenuator loss(10 dB) + Cable loss + EUT cable Loss
   Ant.2: Loss = Attenuator loss(10 dB) + Cable loss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

Band	Ant.1 Loss(dB)	Ant.2 Loss(dB)
UNII 5	11.89	11.04
UNII 6	12.04	11.04
UNII 7	12.04	11.04
UNII 8	12.24	11.04

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

8.5. In-Band Emission (Emissions Mask)

Test Configuration

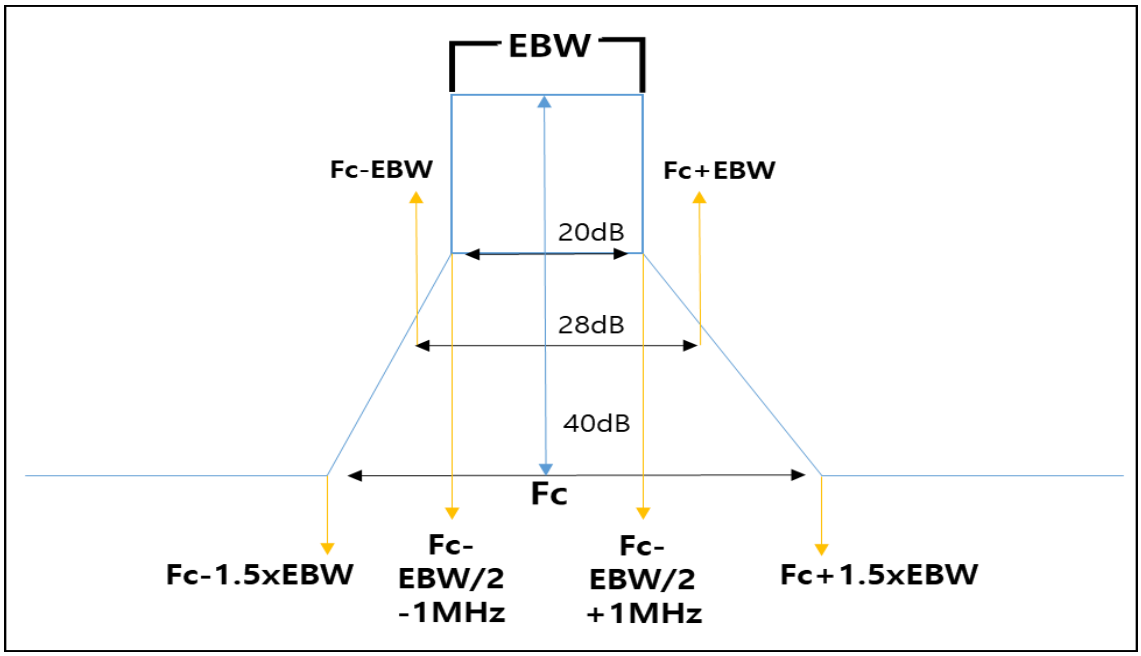


Test Procedure

We tested according to Procedure J in KDB 987594 D02.

1. Connect output of the antenna port to a spectrum analyzer or EMI receiver, with appropriate attenuation, as to not damage the instrumentation.
2. Set the reference level of the measuring equipment in accordance with procedure 4.1.5.2 of ANSI C63.10-2013.
3. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (This will be used to determine the channel edge.)
4. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
    a. Set the span to encompass the entire 26 dB EBW of the signal.
    b. Set RBW = same RBW used for 26 dB EBW measurement.
    c. Set VBW ≥ 3 X RBW
    d. Number of points in sweep ≥ [2 X span / RBW].
    e. Sweep time = auto.
    f. Detector = RMS (i.e., power averaging)
    g. Trace average at least 100 traces in power averaging (rms) mode.
    h. Use the peak search function on the instrument to find the peak of the spectrum.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.

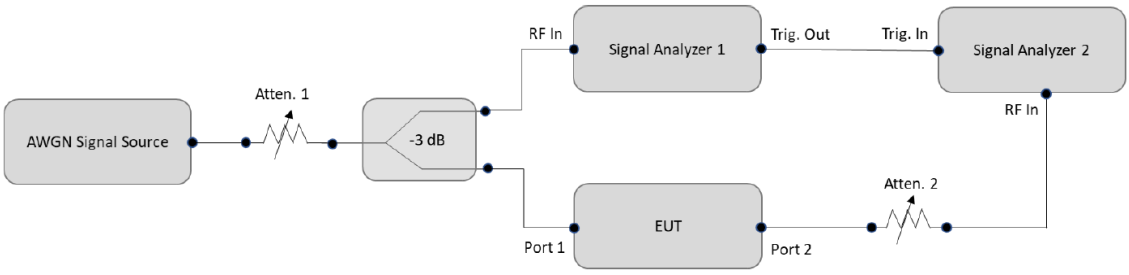
6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
    a. Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
    b. Suppressed by 28 dB at one channel bandwidth from the channel center.
    c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
7. Adjust the span to encompass the entire mask as necessary.
8. Clear trace.
9. Trace average at least 100 traces in power averaging (rms) mode.
10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.



Generic Emission Mask

8.6. Contention Based Protocol

Test Configuration



Test Procedure

We tested according to Procedure I in KDB 987594 D02.

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EEUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2, as shown in Test Configuration. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
4. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
6. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in Test Configuration.
7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer
8. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
10. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

Sample Calculation

Incumbent signal Power(dBm) = Measured Value(dBm)

Modified Detection Limit(dBm) = Detection Limit(-62 dBm) + Antenna Gain(dBi)

8.7. AC Power line Conducted Emissions

Limit

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

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

[a]Decreases with the logarithm of the frequency.

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

Test Configuration

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

Test Procedure

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

Sample Calculation

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

8.8. Radiated Test

Limit

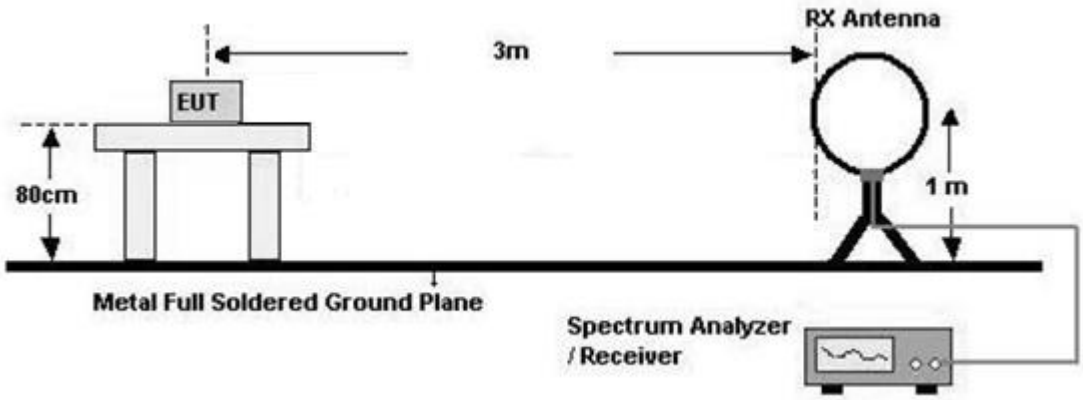
1. For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of −27 dBm/MHz.

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

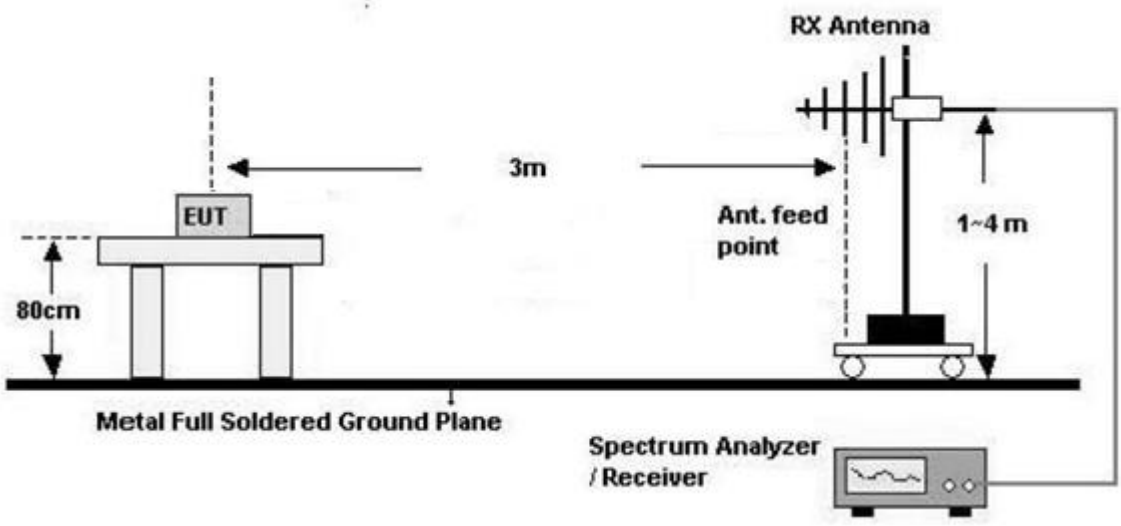
Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Test Configuration

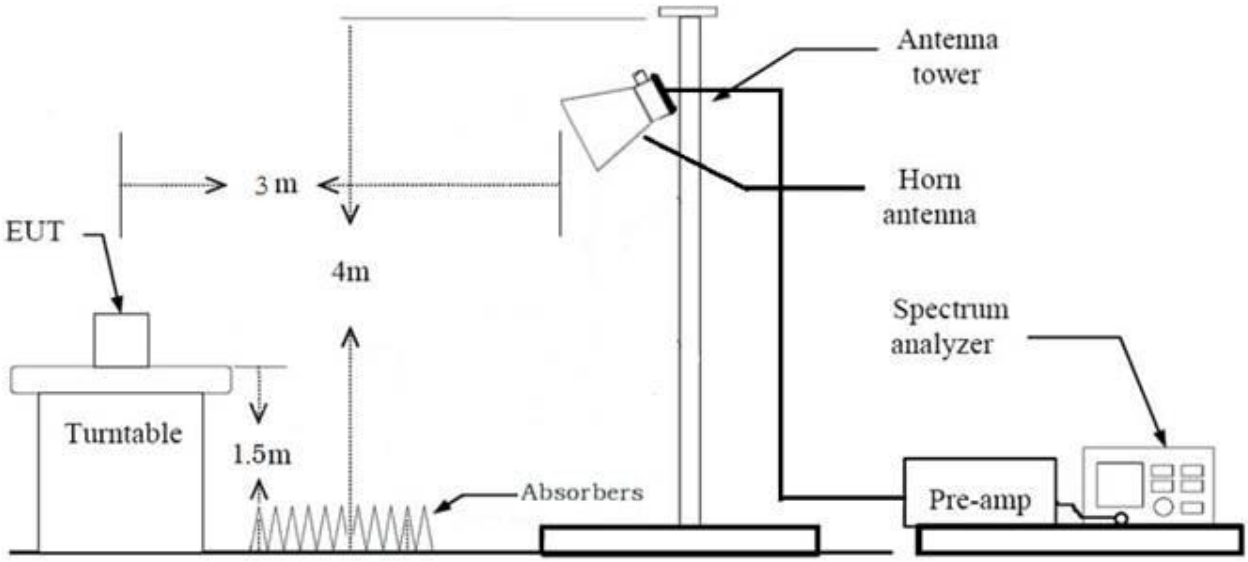
Below 30 MHz



30 MHz - 1 GHz



Above 1 GHz



Test Procedure of Radiated spurious emissions(Below30 MHz)

1. The EUT was placed on a non-conductive table located on semi-anechoic chamber.
2. The loop antenna was placed at a location 3 m from the EUT
3. The EUT is placed on a turntable, which is 0.8m above ground plane.
4. .We have done x, y, z planes in EUT and horizontal and vertical polarization and Parallel to the ground plane in detecting antenna.
5. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
6. Distance Correction Factor(0.009 MHz – 0.490 MHz) =40log(3 m/300 m)= - 80 dB
   Measurement Distance : 3 m
7. Distance Correction Factor(0.490 MHz – 30 MHz) =40log(3 m/30 m)= - 40 dB
   Measurement Distance : 3 m
8. Spectrum Setting
   - Frequency Range = 9 kHz ~ 30 MHz
   - Detector = Peak
   - Trace = Max Hold
   - RBW = 9 kHz
   - VBW ≥ 3 x RBW
9. Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L) + Distance Factor(D.F)
10. Measurement value only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.

KDB 414788 OFS and Chamber Correlation Justification

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

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

Test Procedure of Radiated spurious emissions(Below 1 GHz)

1. The EUT was placed on a non-conductive table located on semi-anechoic chamber.
2. The EUT is placed on a turntable, which is 0.8m above ground plane.
3. The Hybrid antenna was placed at a location 3 m from the EUT, which is varied from 1 m to 4 m to find out the highest emissions.
4. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
5. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
6. Spectrum Setting
   (1) Measurement Type(Peak):
      - Measured Frequency Range : 30 MHz – 1 GHz
      - Detector = Peak
      - Trace = Max Hold
      - RBW = 100 kHz
      - VBW ≥ 3 x RBW
   (2) Measurement Type(Quasi-peak):
      - Measured Frequency Range : 30 MHz – 1 GHz
      - Detector = Quasi-Peak
      - RBW = 120 kHz

   ※In general, (1) is used mainly
7. Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L)
8. Measurement value only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.

Test Procedure of Radiated spurious emissions (Above 1 GHz)

1. The EUT is placed on a turntable, which is 1.5 m above ground plane.
2. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
3. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
4. EUT is set 3 m away from the receiving antenna, which is varied from 1 m to 4 m to find out the highest emissions.
5. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
6. Each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
7. The unit was tested with its standard battery.
8. Spectrum Setting

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

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

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

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

   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - The analyzer is set to linear detector mode.
   - Averaging type = power (i.e., RMS)
   - Sweep time = auto.
   - Trace mode = average (at least 100 traces).
   - If a specific emission is demonstrated to be continuous (100% duty cycle) rather than turning on and off with the transmit cycle, no duty cycle correction is required for that emission.

9. Distance extrapolation factor = 20log (test distance / specific distance) (dB)

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
11. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency
12. Distance extrapolation factor = 20log (test distance / specific distance) (dB)
13. Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L) - Amp Gain(G) + Distance Factor(D.F)

Test Procedure of Radiated Restricted Band Edge

1. The EUT is placed on a turntable, which is 1.5 m above ground plane.
2. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
3. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
4. EUT is set 3 m away from the receiving antenna, which is varied from 1 m to 4 m to find out the highest emissions.
5. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
6. Each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
7. The unit was tested with its standard battery.
8. Spectrum Setting
   (1) Measurement Type(Peak, G.5 in KDB 789033 v02r01):
   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep Time = auto
   - Trace mode = Max Hold
   - Allow sweeps to continue until the trace stabilizes.
     Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately 1/x, where x is the duty cycle.

   (2) Measurement Type (Average, G.6.c in KDB 789033 v02r01):
   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - The analyzer is set to linear detector mode.
   - Averaging type = power (i.e., RMS)
   - Sweep time = auto.
   - Trace mode = average (at least 100 traces).
   - If a specific emission is demonstrated to be continuous (100% duty cycle) rather than turning on and off with the transmit cycle, no duty cycle correction is required for that emission.
9. Distance extrapolation factor = 20log (test distance / specific distance) (dB)
10. Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L) - Amp Gain(G) + Attenuator + Distance Factor(D.F)

8.9. Test RU offset for Tones

BW (MHz)	Tones (T)	RU offset	Test RU offset		
			Low	Mid	High
20	26	0~8	0	4	8
	52	37~40	37	38	40
	106	53~54	53	-	54
	242	61	-	61	-
40	26	0~17	0	9	17
	52	37~44	37	41	44
	106	53~56	53	54	56
	242	61~62	61	-	62
	484	65	-	65	-
80	26	0~36	0	18	36
	52	37~52	37	45	52
	106	53~60	53	57	60
	242	61~64	61	62	64
	484	65~66	65	-	66
	996	67	-	67	-
160	26	0~36	0	18	36
	52	37~52	37	45	52
	106	53~60	53	57	60
	242	61~64	61	62	64
	484	65~66	65	-	66
	996	67	-	67	-

8.10. Worst case configuration and mode

Conducted test

1. All data rate of operation were investigated and the worst case results are reported.
   - HE20 : MCS 0
   - HE40: MCS 0
   - HE80 : MCS 0
   - HE160 : MCS 0
   - 802.11 a : 6 Mbps
2. SM-G736U, SM-G736U1were tested and the worst case results are reported.

(Worst case : SM-G736U)

Radiated test

1. All modes of operation were investigated and the worst case configuration results are reported.
   - Mode : Stand alone, Stand alone + External accessories(Earphone, etc)
   - Worstcase : Stand alone
2. EUT Axis
   - Radiated Spurious Emissions : Y
   - Radiated Restricted Band Edge : X, Y
3. All data rate of operation were investigated and the worst case results are reported.

   (Worst case : MCS0)
4. All Antenna of operation were investigated and the worst case results are reported
   - Mode : Ant1+Ant2(SDM), Ant1+Ant2(CDD)
   - Worstcase : Ant1+Ant2(CDD)
5. All position of loop antenna were investigated and the test result is a no critical peak found at all positions.
   - Position : Horizontal, Vertical, Parallel to the ground plane
6. SM-G736U, SM-G736U1were tested and the worst case results are reported.

(Worst case : SM-G736U)

7. All mode(Tone, RU Offset) of operation were investigated and the worst case configuration results are reported

Test	Tone	RU Offset
RSE	Worst case(Highest Power) [802.11a] 6 Mbps (Band NII5,6,7,8) [HE 20] 242T (Band NII5,6,7,8) [HE40] 484T (Band NII-5) [HE80] 996T (Band NII-5) [HE160] SU (Band NII-5)	[802.11a] - [HE 20] 61 [HE40] 65 [HE80] 67 [HE160] -
Bandedge (UNII5,8)	[802.11a] 6 Mbps [HE 20] : 26T, 52T, 106T, 242T, SU [HE 40] : 484, SU [HE 80] : 996T, SU [HE 160L&U] : 996T [HE 160] : SU	[802.11a] - [HE20] Low Edge: 0, 37, 53 High Edge: 8, 40, 54 Full tone : 61 [HE40] Full tone : 65 [HE80] Full tone : 67 [HE160(80L&80U)] Full tone : 67

Radiated test(DBS)

1. Please refer to the SM-G736U[UNII] Test Report.
2. SM-G736U, SM-G736U1were tested and the worst case results are reported.

(Worst case : SM-G736U)

AC Power line Conducted Emissions

1. All modes of operation were investigated and the worst case configuration results are reported.
   - Mode : Stand alone + External accessories(Earphone etc)+Travel Adapter, Stand alone + Travel Adapter
   - Worstcase : Stand alone + Travel Adapter
2. SM-G736U, SM-G736U1were tested and the worst case results are reported.

(Worst case : SM-G736U)

9. SUMMARY OF TEST RESULTS

Test Description	FCC Part Section(s)	Test Limit	Test Condition	Test Result
26dB Bandwidth	§15.407(a)(10) (for Power Measurement)	Channel Bandwidth(26dB EBW) < 320 MHz	Conducted	PASS
Output Power Maximum EIRP	§15.407(a)(4)~(8)	U-NII-5(5925-6425 MHz) & U-NII-7(6525-6875 MHz) Standard-Power Access Point (AFC Controlled) EIRP < 36 dBm Client(Connected to standard-Power Access Point) EIRP < 30 dBm U-NII-5(5925-6425 MHz) & U-NII-6(6425-6525 MHz) U-NII-7(6525-6875 MHz) & U-NII-8(6875-7125 MHz) Low-Power Access Point (indoor only) EIRP < 30 dBm Client (Connected to Low-Power Access Point) EIRP < 24 dBm		PASS
Output Power Maximum EIRP Power Spectral Density	§15.407(a)(4)~(8)	U-NII-5(5925-6425 MHz) & U-NII-7(6525-6875 MHz) Standard-Power Access Point (AFC Controlled) < 33 dBm/MHz (EIRP) Client(Connected to standard-Power Access Point) < 17 dBm/MHz (EIRP) U-NII-5(5925-6425 MHz) & U-NII-6(6425-6525 MHz) U-NII-7(6525-6875 MHz) & U-NII-8(6875-7125 MHz) Low-Power Access Point (indoor only) < 5 dBm/MHz (EIRP) Client (Connected to Low-Power Access Point) < -1 dBm/MHz (EIRP)		PASS
AC Conducted Emissions 150 kHz-30 MHz	15.407 (b)(9)	<FCC 15.207 limits		PASS

Test Description	FCC Part Section(s)	Test Limit	Test Condition	Test Result
Contention Based Protocol	§15.407(d)(6)	Detect co-channel energy with 90% or greater certainty.	Conducted	PASS
In-Band Emissions (Emissions Mask)	§15.407(b)(7)	For transmitters operating within the (5925-7125 MHz) bands Power spectral density (channel bandwidth =26dB EBW) a. Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.) b. Suppressed by 28 dB at one channel bandwidth from the channel center. c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.		PASS
Undesirable Emissions	§15.407(b) §15.35(b)	<-27 dBm/MHz EIRP (UNII5, 6, 7, 8)	Radiated	PASS
General Field Strength Limits(Restricted Bands and Radiated Emission Limits)	15.205, 15.407(b)(5), (6)	Emissions in restricted bands must meet the radiated limits detailed in 15.209		PASS

10. TEST RESULT

10.1 DUTY CYCLE

10.1.1 802.11 ax Duty Cycle

Mode	Tones	Data Rate (Mbps)	T_{on} (ms)	T_{total} (ms)	Duty Cycle	Duty Cycle Factor (dB)
HE 20M	26	MCS0	2.594	2.614	0.992	0.03
	52	MCS0	2.592	2.609	0.993	0.03
	106	MCS0	1.434	1.452	0.988	0.05
	242	MCS0	0.676	0.694	0.974	0.11
HE 40M	26	MCS0	2.597	2.614	0.993	0.03
	52	MCS0	2.592	2.609	0.993	0.03
	106	MCS0	1.436	1.454	0.988	0.05
	242	MCS0	0.676	0.694	0.974	0.11
	484	MCS0	0.385	0.400	0.962	0.17
HE 80M	26	MCS0	2.594	2.612	0.993	0.03
	52	MCS0	2.592	2.607	0.994	0.03
	106	MCS0	1.436	1.452	0.990	0.05
	242	MCS0	0.676	0.692	0.978	0.10
	484	MCS0	0.383	0.400	0.956	0.20
	996	MCS0	0.233	0.248	0.939	0.27
HE 160M	26	MCS0	2.597	2.612	0.994	0.03
	52	MCS0	2.594	2.609	0.994	0.03
	106	MCS0	1.434	1.452	0.988	0.05
	242	MCS0	0.676	0.692	0.978	0.10
	484	MCS0	0.383	0.398	0.962	0.17
	996	MCS0	0.231	0.248	0.929	0.32
802.11ax (SU)	BW 20	MCS0	5.453	5.472	0.997	0.02
	BW 40	MCS0	5.453	5.471	0.997	0.01
	BW 80	MCS0	5.453	5.468	0.997	0.01
	BW 160	MCS0	5.453	5.468	0.997	0.01

continuous wave. (Duty Cycle > 98%)

10.1.2 802.11 a Duty Cycle

Mode	Data Rate (Mbps)	T_{on} (ms)	T_{total} (ms)	Duty Cycle	Duty Cycle Factor (dB)
802.11a	6 Mbps	1.465	1.564	0.937	0.28

Note:

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

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10.2 26 dB BANDWIDTH& 99% BANDWIDTH

10.2.1 26 dB BANDWIDTH

10.2.1.1 SISO Ant1

802.11ax(HE20)

HE20	Frequency [MHz]	Channel No.	RU Index	26 dB BW (MHz)				
				26 T	52 T	106 T	242 T	SU
UNII 5	5955	1	Low	20.30	20.74	21.24	-	-
			Mid	18.74	19.36	-	22.41	21.16
			High	20.07	20.66	20.85	-	-
	6175	45	Low	20.35	20.60	21.35	-	-
			Mid	18.63	18.90	-	22.52	22.49
			High	20.40	20.54	20.91	-	-
	6415	93	Low	20.22	20.95	21.51	-	-
			Mid	18.02	18.91	-	22.40	22.36
			High	20.62	20.52	20.91	-	-
UNII 6	6435	97	Low	20.43	20.93	21.50	-	-
			Mid	18.70	19.16	-	22.42	22.36
			High	20.71	20.36	20.81	-	-
	6475	105	Low	20.39	21.23	21.43	-	-
			Mid	18.59	19.24	-	22.34	22.41
			High	20.34	20.41	20.90	-	-
	6515	113	Low	20.63	20.75	21.43	-	-
			Mid	18.58	19.32	-	22.52	22.22
			High	20.24	20.51	20.79	-	-
UNII 7	6535	117	Low	20.55	20.91	21.25	-	-
			Mid	18.70	19.11	-	22.27	22.28
			High	20.45	20.40	20.82	-	-
	6695	149	Low	20.55	21.21	21.39	-	-
			Mid	18.72	19.18	-	22.51	22.31
			High	20.48	20.53	20.69	-	-
	6875	185	Low	20.65	21.03	21.45	-	-
			Mid	18.74	18.99	-	22.40	22.27
			High	20.54	20.43	20.82	-	-

HE20	Frequency [MHz]	Channel No.	RU Index	26 dB BW (MHz)				
				26 T	52 T	106 T	242 T	SU
UNII 8	6895	189	Low	20.29	20.61	21.44	-	-
			Mid	18.54	19.17	-	22.48	22.08
			High	20.80	20.61	20.84	-	-
	6995	209	Low	20.54	21.03	21.27	-	-
			Mid	18.64	19.35	-	22.41	22.42
			High	20.33	20.34	20.92	-	-
	7115	233	Low	20.51	20.85	21.17	-	-
			Mid	18.83	18.96	-	22.40	22.28
			High	20.18	20.69	20.91	-	-

802.11ax(HE40)

HE40	Frequency [MHz]	Channel No.	RU Index	26 dB BW (MHz)					
				26 T	52 T	106 T	242 T	484 T	SU
UNII 5	5965	3	Low	40.28	40.45	40.99	41.63	-	-
			Mid	38.22	38.28	38.51	-	43.30	40.48
			High	40.30	40.55	41.17	42.26	-	-
	6165	43	Low	40.40	41.02	40.73	41.68	-	-
			Mid	38.16	38.23	38.72	-	43.73	40.71
			High	40.31	40.23	41.07	42.09	-	-
	6405	91	Low	40.32	40.82	40.77	41.51	-	-
			Mid	38.10	38.32	38.62	-	43.75	40.71
			High	40.88	40.61	41.06	42.34	-	-
UNII 6	6445	99	Low	40.31	40.96	40.79	41.57	-	-
			Mid	38.14	38.32	38.78	-	43.69	40.60
			High	40.25	40.62	40.67	42.48	-	-
	6485	107	Low	40.18	40.71	40.79	41.41	-	-
			Mid	38.11	38.42	38.67	-	43.60	40.62
			High	40.45	40.65	40.59	42.24	-	-
	6525	115	Low	40.45	40.89	41.00	42.18	-	-
			Mid	38.13	38.32	38.75	-	43.82	40.45
			High	40.46	40.84	40.91	42.24	-	-
UNII 7	6565	123	Low	40.45	40.75	41.04	41.35	-	-
			Mid	38.07	37.91	38.66	-	43.72	40.57
			High	40.39	40.58	41.66	42.19	-	-
	6685	147	Low	40.08	41.03	40.97	41.59	-	-
			Mid	38.27	38.34	38.76	-	43.60	40.47
			High	40.24	40.56	40.40	42.33	-	-
	6845	179	Low	40.35	40.88	40.89	41.60	-	-
			Mid	38.12	38.29	38.64	-	43.50	40.78
			High	40.40	40.98	41.06	42.20	-	-
UNII 8	6885	187	Low	40.50	41.01	40.74	41.45	-	-
			Mid	38.10	38.18	38.61	-	43.57	40.75
			High	40.47	40.59	40.80	42.02	-	-
	7005	211	Low	40.34	40.18	40.72	41.58	-	-
			Mid	37.40	38.25	38.78	-	43.67	40.58
			High	40.09	40.56	40.83	42.15	-	-

HE40	Frequency [MHz]	Channel No.	RU Index	26 dB BW (MHz)					
				26 T	52 T	106 T	242 T	484 T	SU
	7085	227	Low	40.74	40.59	40.82	41.64	-	-
			Mid	38.04	38.22	38.58	-	43.49	40.70
			High	40.36	40.59	41.27	42.09	-	-

802.11ax(HE80)

HE80	Frequency [MHz]	Channel No.	RU Index	26 dB BW (MHz)						
				26 T	52 T	106 T	242 T	484 T	996 T	SU
UNII 5	5985	7	Low	82.20	82.94	82.27	84.42	85.19	-	-
			Mid	78.33	78.35	78.98	82.66	-	89.57	82.60
			High	82.13	82.97	82.29	84.09	84.38	-	-
	6145	39	Low	82.22	83.64	81.87	83.83	86.12	-	-
			Mid	78.17	78.01	78.84	82.21	-	90.52	81.87
			High	82.30	82.76	81.89	83.78	84.32	-	-
	6385	87	Low	81.77	82.21	83.35	85.23	85.03	-	-
			Mid	77.95	78.35	79.21	82.49	-	87.95	82.58
			High	81.11	81.91	82.56	83.96	84.35	-	-
UNII 6	6465	103	Low	82.24	83.02	82.83	84.07	85.06	-	-
			Mid	78.53	78.42	78.85	82.50	-	90.31	82.12
			High	80.69	82.92	82.28	85.20	84.33	-	-
UNII 7	6545	119	Low	81.70	82.90	82.77	83.79	85.33	-	-
			Mid	78.53	78.78	78.87	81.59	-	89.55	82.16
			High	81.62	82.42	82.93	85.24	84.20	-	-
	6705	151	Low	81.52	83.43	82.09	83.32	84.67	-	-
			Mid	78.14	78.49	78.77	82.35	-	90.76	81.86
			High	82.08	83.98	82.04	84.72	84.49	-	-
	6865	183	Low	82.08	83.06	82.24	83.93	85.76	-	-
			Mid	78.59	78.45	79.13	82.85	-	87.81	81.88
			High	82.12	82.57	81.86	84.28	84.60	-	-
UNII 8	6945	199	Low	81.93	82.60	82.32	84.38	84.51	-	-
			Mid	78.20	78.34	78.99	82.96	-	88.52	81.95
			High	80.80	82.77	82.33	86.30	84.24	-	-
	7025	215	Low	81.28	82.69	82.35	83.13	84.63	-	-
			Mid	78.40	79.06	79.04	82.51	-	88.15	82.02
			High	81.48	82.86	81.66	85.20	84.11	-	-

802.11ax(HE160 80L)

HE80_L	Frequency [MHz]	Channel No.	RU Index	26 dB BW (MHz)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	163.3	164.1	165.1	165.1	169.9	-
			Mid	158.7	158.8	159.4	161.8	-	171.6
			High	158.3	158.3	159.4	161.6	164.6	-
	6185	47	Low	163.0	163.9	164.5	164.6	168.3	-
			Mid	158.1	158.6	159.2	161.7	-	169.9
			High	157.9	157.8	158.8	161.2	163.2	-
	6345	79	Low	162.9	163.4	164.8	166.6	166.3	-
			Mid	158.3	158.7	159.2	162.3	-	169.6
			High	157.8	158.2	159.5	161.5	163.1	-
UNII 6	6505	111	Low	163.6	165.1	165.3	164.7	165.8	-
			Mid	158.3	157.6	158.5	161.0	-	169.2
			High	158.2	158.1	158.2	161.4	163.6	-
UNII 7	6665	143	Low	162.8	163.1	164.1	164.8	166.8	-
			Mid	157.5	154.8	159.2	162.1	-	171.7
			High	158.3	158.6	159.0	161.4	164.2	-
	6825	175	Low	162.4	162.8	165.3	164.6	165.1	-
			Mid	158.4	158.0	159.1	161.2	-	168.6
			High	156.5	158.1	159.6	162.1	163.6	-
UNII 8	6985	207	Low	162.5	164.6	163.9	165.3	167.0	-
			Mid	157.1	158.3	159.7	161.8	-	169.8
			High	158.2	158.1	159.5	161.6	163.4	-

802.11ax(HE160 80U)

HE80_U	Frequency [MHz]	Channel No.	RU Index	26 dB BW (MHz)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	157.9	157.3	159.9	162.6	164.1	-
			Mid	157.4	157.0	159.0	161.5	-	167.4
			High	162.5	162.8	162.6	165.4	167.0	-
	6185	47	Low	157.7	158.2	159.2	162.5	163.7	-
			Mid	158.2	157.8	159.2	161.9	-	166.3
			High	163.0	164.1	163.1	164.3	166.7	-
	6345	79	Low	157.4	158.0	159.6	162.2	163.5	-
			Mid	158.2	158.2	159.2	162.7	-	166.1
			High	163.4	164.1	164.1	165.4	167.9	-
UNII 6	6505	111	Low	157.2	158.2	159.0	162.4	163.2	-
			Mid	158.4	158.8	159.6	162.2	-	167.1
			High	162.5	164.2	163.7	166.6	168.2	-
UNII 7	6665	143	Low	158.1	158.0	159.3	161.9	164.1	-
			Mid	157.2	158.5	159.3	162.1	-	166.3
			High	164.4	163.2	163.4	165.4	167.3	-
	6825	175	Low	158.8	157.7	159.2	161.4	163.8	-
			Mid	157.1	158.3	159.3	162.7	-	166.3
			High	164.0	162.9	164.1	165.2	168.0	-
UNII 8	6985	207	Low	158.0	158.4	159.7	161.7	162.7	-
			Mid	158.2	158.3	159.7	162.3	-	165.9
			High	163.1	164.0	163.5	166.0	167.8	-

802.11ax(HE160 SU)

HE160_SU	Frequency [MHz]	Channel No.	26 dB BW (MHz)
			SU
UNII 5	6025	15	165.6
	6185	47	164.3
	6345	79	164.7
UNII 6	6505	111	164.8
UNII 7	6665	143	166.2
	6825	175	165.8
UNII 8	6985	207	165.9

802.11a

802.11a	Frequency [MHz]	Channel No.	26 dB BW (MHz)
UNII 5	5955	1	19.89
	6175	45	19.94
	6415	93	19.77
UNII 6	6435	97	19.84
	6475	105	19.79
	6515	113	19.81
UNII 7	6535	117	19.82
	6695	149	19.73
	6875	185	19.75
UNII 8	6895	189	19.80
	6995	209	19.79
	7115	233	19.88

10.2.1.2 SISO Ant2

802.11ax(HE20)

HE20	Frequency [MHz]	Channel No.	RU Index	26 dB BW (MHz)				
				26 T	52 T	106 T	242 T	SU
UNII 5	5955	1	Low	20.64	20.55	21.30	-	-
			Mid	18.51	19.24	-	22.31	21.01
			High	20.23	20.54	20.83	-	-
	6175	45	Low	20.32	20.78	21.38	-	-
			Mid	18.52	18.97	-	22.23	21.49
			High	20.68	20.17	20.88	-	-
	6415	93	Low	20.50	20.81	21.04	-	-
			Mid	18.62	19.16	-	22.22	20.89
			High	20.49	20.36	20.85	-	-
UNII 6	6435	97	Low	20.16	20.74	21.36	-	-
			Mid	18.73	18.99	-	22.33	21.19
			High	20.63	20.86	20.85	-	-
	6475	105	Low	20.31	20.89	21.48	-	-
			Mid	18.78	18.82	-	22.48	21.25
			High	20.46	20.57	20.82	-	-
	6515	113	Low	20.40	20.82	21.38	-	-
			Mid	18.36	19.28	-	22.37	21.06
			High	20.69	20.23	20.81	-	-
UNII 7	6535	117	Low	20.42	20.99	21.08	-	-
			Mid	18.85	19.12	-	22.31	21.09
			High	20.51	21.14	20.68	-	-
	6695	149	Low	20.32	20.29	21.33	-	-
			Mid	18.79	18.85	-	22.38	20.99
			High	20.62	20.41	20.87	-	-
	6875	185	Low	20.47	21.14	21.30	-	-
			Mid	18.88	19.06	-	22.31	21.34
			High	20.51	20.75	20.88	-	-
UNII 8	6895	189	Low	20.31	20.96	21.20	-	-
			Mid	18.46	19.23	-	22.39	21.05
			High	20.37	20.54	20.77	-	-

HE20	Frequency [MHz]	Channel No.	RU Index	26 dB BW (MHz)				
				26 T	52 T	106 T	242 T	SU
	6995	209	Low	20.45	20.58	21.26	-	-
			Mid	18.48	19.29	-	22.42	20.90
			High	20.79	20.53	20.89	-	-
	7115	233	Low	20.50	20.90	21.34	-	-
			Mid	18.72	19.05	-	22.36	21.21
			High	20.59	20.59	20.86	-	-

802.11ax(HE40)

HE40	Frequency [MHz]	Channel No.	RU Index	26 dB BW (MHz)					
				26 T	52 T	106 T	242 T	484 T	SU
UNII 5	5965	3	Low	40.32	40.92	41.01	41.93	-	-
			Mid	38.11	38.31	38.74	-	43.64	40.73
			High	40.25	40.57	40.60	41.72	-	-
	6165	43	Low	40.56	40.82	40.90	41.81	-	-
			Mid	38.21	38.26	38.72	-	43.79	40.44
			High	40.59	40.71	40.86	42.04	-	-
	6405	91	Low	40.52	40.77	40.35	41.36	-	-
			Mid	38.20	38.22	38.70	-	43.72	40.77
			High	40.05	40.85	40.80	41.84	-	-
UNII 6	6445	99	Low	40.08	40.97	40.86	41.57	-	-
			Mid	38.17	38.26	38.72	-	43.68	40.70
			High	40.33	40.71	41.18	42.40	-	-
	6485	107	Low	40.65	40.51	40.79	41.73	-	-
			Mid	38.07	38.31	38.72	-	43.40	40.53
			High	40.32	40.79	40.99	41.86	-	-
	6525	115	Low	40.41	40.81	40.92	41.51	-	-
			Mid	38.09	38.40	38.51	-	43.65	40.42
			High	40.84	40.77	40.84	41.94	-	-
UNII 7	6565	123	Low	40.44	40.59	40.84	42.04	-	-
			Mid	38.10	38.22	38.61	-	43.85	40.61
			High	40.22	40.87	40.34	41.91	-	-
	6685	147	Low	40.45	40.89	40.88	41.51	-	-
			Mid	38.10	38.25	38.74	-	43.60	40.75
			High	40.44	40.97	41.42	42.00	-	-
	6845	179	Low	40.79	40.68	40.81	41.64	-	-
			Mid	38.09	38.25	38.70	-	43.47	40.36
			High	40.18	40.80	41.01	42.31	-	-
UNII 8	6885	187	Low	40.09	40.37	40.86	41.65	-	-
			Mid	38.16	38.36	38.43	-	43.69	40.67
			High	40.15	40.65	40.91	42.33	-	-
	7005	211	Low	40.41	40.41	40.90	41.60	-	-
			Mid	38.18	38.21	38.79	-	43.68	40.64
			High	40.34	40.69	41.14	42.22	-	-

HE40	Frequency [MHz]	Channel No.	RU Index	26 dB BW (MHz)					
				26 T	52 T	106 T	242 T	484 T	SU
	7085	227	Low	40.18	40.87	40.85	41.59	-	-
			Mid	38.08	38.20	38.60	-	43.59	40.89
			High	40.60	40.80	40.74	42.08	-	-

802.11ax(HE80)

HE80	Frequency [MHz]	Channel No.	RU Index	26 dB BW (MHz)						
				26 T	52 T	106 T	242 T	484 T	996 T	SU
UNII 5	5985	7	Low	81.20	83.59	82.86	84.61	84.89	-	-
			Mid	78.20	78.77	79.05	82.65	-	89.24	82.05
			High	81.07	82.60	82.63	84.56	84.30	-	-
	6145	39	Low	82.43	83.58	82.50	83.62	85.75	-	-
			Mid	78.12	78.67	79.27	82.78	-	90.34	82.52
			High	81.62	82.50	81.96	83.27	84.09	-	-
	6385	87	Low	81.53	81.60	82.23	85.49	84.97	-	-
			Mid	78.42	78.52	79.05	82.73	-	87.85	82.28
			High	81.10	82.30	82.04	84.28	84.28	-	-
UNII 6	6465	103	Low	82.61	82.80	82.58	84.60	84.72	-	-
			Mid	78.42	78.58	79.18	83.22	-	89.54	81.85
			High	80.84	82.99	82.46	85.63	84.27	-	-
UNII 7	6545	119	Low	81.88	83.19	82.22	83.76	84.90	-	-
			Mid	78.28	78.63	79.11	82.05	-	89.24	82.17
			High	82.03	82.48	82.01	84.24	84.51	-	-
	6705	151	Low	82.25	83.33	82.36	83.43	84.64	-	-
			Mid	78.35	78.51	79.48	82.58	-	90.12	82.41
			High	81.41	83.40	82.74	83.90	84.25	-	-
	6865	183	Low	81.84	82.70	83.27	83.36	85.58	-	-
			Mid	78.48	78.64	79.15	82.30	-	87.96	82.01
			High	81.34	82.52	81.94	83.99	84.16	-	-
UNII 8	6945	199	Low	82.36	82.66	82.15	84.85	84.40	-	-
			Mid	78.41	78.67	79.48	81.82	-	88.76	81.80
			High	80.78	83.21	82.64	85.80	84.14	-	-
	7025	215	Low	81.62	83.45	82.27	83.72	84.48	-	-
			Mid	78.42	78.52	79.53	82.23	-	87.57	82.15
			High	80.80	82.99	82.26	85.36	84.32	-	-

802.11ax(HE160 80L)

HE80_L	Frequency [MHz]	Channel No.	RU Index	26 dB BW (MHz)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	164.2	163.4	164.2	165.1	169.9	-
			Mid	158.1	158.8	159.4	162.8	-	171.8
			High	157.6	158.2	159.6	160.7	164.9	-
	6185	47	Low	163.4	162.8	165.1	164.6	166.9	-
			Mid	158.4	157.8	159.8	161.3	-	170.6
			High	156.9	158.3	159.3	161.1	163.7	-
	6345	79	Low	163.5	163.0	164.4	166.6	166.4	-
			Mid	158.5	158.9	159.2	161.0	-	168.4
			High	156.0	157.7	159.4	161.9	163.1	-
UNII 6	6505	111	Low	163.0	163.9	163.4	164.7	165.8	-
			Mid	158.0	158.5	158.6	161.6	-	168.6
			High	157.2	158.5	159.2	161.6	163.6	-
UNII 7	6665	143	Low	163.2	164.2	163.7	164.5	167.0	-
			Mid	158.1	158.2	159.6	162.0	-	171.1
			High	156.1	158.2	159.4	160.5	163.4	-
	6825	175	Low	162.6	163.0	164.5	165.0	166.0	-
			Mid	157.2	158.5	158.8	162.3	-	169.4
			High	157.4	156.8	159.1	161.9	162.7	-
UNII 8	6985	207	Low	162.7	164.4	164.5	164.9	166.4	-
			Mid	158.2	158.3	158.9	161.6	-	170.8
			High	157.8	157.3	159.3	161.8	163.4	-

802.11ax(HE160 80U)

HE80_U	Frequency [MHz]	Channel No.	RU Index	26 dB BW (MHz)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	158.4	158.5	158.8	162.0	164.3	-
			Mid	157.5	158.9	158.8	160.8	-	167.0
			High	163.1	162.3	163.5	166.2	167.3	-
	6185	47	Low	157.3	157.4	158.6	161.6	163.9	-
			Mid	158.8	158.4	158.9	161.4	-	166.7
			High	163.3	164.8	163.9	165.4	167.0	-
	6345	79	Low	158.0	155.5	159.4	162.5	163.3	-
			Mid	157.7	157.9	159.6	162.3	-	166.3
			High	163.2	163.5	164.2	165.3	167.9	-
UNII 6	6505	111	Low	157.6	159.0	159.1	162.2	163.1	-
			Mid	158.4	158.3	159.6	161.9	-	166.1
			High	162.8	163.7	163.1	166.0	167.3	-
UNII 7	6665	143	Low	158.5	158.8	158.8	161.7	164.0	-
			Mid	158.0	158.4	158.7	162.0	-	166.2
			High	161.7	164.3	164.3	166.0	167.1	-
	6825	175	Low	156.9	158.5	159.4	160.8	163.5	-
			Mid	158.2	159.2	159.6	162.3	-	166.7
			High	163.3	164.4	165.2	166.4	168.0	-
UNII 8	6985	207	Low	158.2	157.3	159.2	162.6	162.4	-
			Mid	158.1	157.6	158.3	162.2	-	165.8
			High	162.2	162.9	163.6	165.9	167.8	-

802.11ax(HE160 SU)

HE160_SU	Frequency [MHz]	Channel No.	26 dB BW (MHz)
			SU
UNII 5	6025	15	164.4
	6185	47	164.3
	6345	79	164.6
UNII 6	6505	111	165.8
UNII 7	6665	143	165.4
	6825	175	163.7
UNII 8	6985	207	165.5

10.2.2 99% BANDWIDTH

10.2.2.1 SISO Ant1

802.11ax(HE20)

HE20	Frequency [MHz]	Channel No.	RU Index	OBW (MHz)				
				26 T	52 T	106 T	242 T	SU
UNII 5	5955	1	Low	18.495	18.114	18.344	-	-
			Mid	17.261	17.257	-	19.145	18.940
			High	18.229	18.250	18.330	-	-
	6175	45	Low	18.498	18.017	18.299	-	-
			Mid	17.003	17.136	-	19.154	19.165
			High	18.675	18.206	18.304	-	-
	6415	93	Low	18.408	18.312	18.288	-	-
			Mid	16.932	17.079	-	19.140	19.130
			High	18.585	18.278	18.306	-	-
UNII 6	6435	97	Low	18.458	18.142	18.353	-	-
			Mid	17.177	17.247	-	19.147	19.141
			High	18.492	18.276	18.316	-	-
	6475	105	Low	18.503	18.014	18.278	-	-
			Mid	17.006	17.247	-	19.126	19.164
			High	18.503	18.316	18.297	-	-
	6515	113	Low	18.558	18.354	18.352	-	-
			Mid	17.221	17.284	-	19.161	19.166
			High	18.553	18.272	18.304	-	-
UNII 7	6535	117	Low	18.354	18.302	18.324	-	-
			Mid	17.069	17.171	-	19.157	19.159
			High	18.537	18.227	18.276	-	-
	6695	149	Low	18.465	18.399	18.360	-	-
			Mid	17.104	17.221	-	19.131	19.143
			High	18.322	18.132	18.253	-	-
	6875	185	Low	18.589	18.275	18.340	-	-
			Mid	17.278	17.271	-	19.157	19.138
			High	18.575	18.110	18.334	-	-
UNII 8	6895	189	Low	18.515	18.310	18.222	-	-
			Mid	17.168	16.953	-	19.164	19.135

HE20	Frequency [MHz]	Channel No.	RU Index	OBW (MHz)				
				26 T	52 T	106 T	242 T	SU
			High	18.374	18.209	18.341	-	-
	6995	209	Low	18.512	18.351	18.303	-	-
			Mid	17.322	17.230	-	19.142	19.135
			High	18.434	18.314	18.338	-	-
	7115	233	Low	18.543	18.228	18.362	-	-
			Mid	17.090	17.294	-	19.156	19.143
			High	18.662	18.334	18.317	-	-

802.11ax(HE40)

HE40	Frequency [MHz]	Channel No.	RU Index	OBW (MHz)					
				26 T	52 T	106 T	242 T	484 T	SU
UNII 5	5965	3	Low	38.189	37.750	37.569	37.452	-	-
			Mid	36.347	36.353	36.482	-	38.064	37.734
			High	38.290	37.686	37.551	37.527	-	-
	6165	43	Low	38.145	37.710	37.510	37.442	-	-
			Mid	36.341	36.389	36.507	-	38.038	37.691
			High	38.229	37.659	37.499	37.517	-	-
	6405	91	Low	38.058	37.730	37.510	37.459	-	-
			Mid	36.453	36.426	36.515	-	38.057	37.711
			High	38.430	37.808	37.616	37.644	-	-
UNII 6	6445	99	Low	38.208	37.744	37.498	37.511	-	-
			Mid	36.345	36.369	36.542	-	38.055	37.736
			High	37.956	37.686	37.486	37.595	-	-
	6485	107	Low	38.218	37.920	37.625	37.409	-	-
			Mid	36.278	36.530	36.367	-	38.043	37.726
			High	38.012	37.721	37.451	37.569	-	-
	6525	115	Low	38.153	37.780	37.549	37.488	-	-
			Mid	36.400	36.368	36.601	-	38.046	37.724
			High	38.164	37.459	37.575	37.576	-	-
UNII 7	6565	123	Low	38.179	37.671	37.586	37.461	-	-
			Mid	36.367	36.153	36.553	-	38.029	37.687
			High	38.053	37.895	37.649	37.584	-	-
	6685	147	Low	38.082	37.823	37.605	37.385	-	-
			Mid	36.450	36.264	36.524	-	38.040	37.704
			High	38.141	37.619	37.417	37.603	-	-
	6845	179	Low	38.122	37.847	37.484	37.486	-	-
			Mid	36.350	36.338	36.497	-	38.030	37.750
			High	38.159	37.806	37.625	37.564	-	-
UNII 8	6885	187	Low	38.171	37.953	37.445	37.462	-	-
			Mid	36.334	36.072	36.538	-	38.069	37.716
			High	38.208	37.698	37.394	37.646	-	-
	7005	211	Low	38.106	37.228	37.472	37.405	-	-
			Mid	35.814	36.351	36.552	-	38.022	37.698
			High	38.150	37.932	37.609	37.606	-	-

HE40	Frequency [MHz]	Channel No.	RU Index	OBW (MHz)					
				26 T	52 T	106 T	242 T	484 T	SU
	7085	227	Low	38.124	37.715	37.501	37.430	-	-
			Mid	36.129	36.132	36.496	-	38.039	37.736
			High	38.308	37.832	37.674	37.623	-	-

802.11ax(HE80)

HE80	Frequency [MHz]	Channel No.	RU Index	OBW (MHz)						
				26 T	52 T	106 T	242 T	484 T	996 T	SU
UNII 5	5985	7	Low	78.870	78.180	77.358	77.354	77.123	-	-
			Mid	74.846	74.714	75.457	75.808	-	77.763	77.146
			High	79.046	77.946	77.403	76.962	76.893	-	-
	6145	39	Low	78.092	78.345	77.879	77.155	77.166	-	-
			Mid	75.401	75.009	75.554	75.748	-	77.905	77.362
			High	79.012	78.080	77.460	77.069	77.046	-	-
	6385	87	Low	78.862	78.132	77.870	77.492	77.036	-	-
			Mid	75.022	74.986	75.485	75.818	-	77.756	77.251
			High	78.507	78.033	77.501	77.246	77.051	-	-
UNII 6	6465	103	Low	79.097	78.406	77.794	77.352	77.101	-	-
			Mid	75.017	74.990	75.378	75.787	-	77.940	77.140
			High	78.510	78.525	77.318	77.152	76.994	-	-
UNII 7	6545	119	Low	78.621	78.398	77.462	77.171	77.069	-	-
			Mid	75.511	75.043	75.420	75.773	-	77.769	77.141
			High	78.547	78.125	77.356	77.131	76.857	-	-
	6705	151	Low	78.770	77.995	77.685	77.121	77.004	-	-
			Mid	74.985	74.912	75.528	75.853	-	77.988	77.116
			High	79.062	78.174	77.429	77.233	77.037	-	-
	6865	183	Low	78.808	78.243	77.718	77.123	77.189	-	-
			Mid	75.278	74.751	75.603	75.831	-	77.799	77.096
			High	79.038	78.117	77.383	77.178	77.088	-	-
UNII 8	6945	199	Low	79.039	78.357	77.701	77.236	76.931	-	-
			Mid	75.219	74.815	75.348	75.739	-	77.925	77.048
			High	78.636	77.858	77.548	77.395	77.049	-	-
	7025	215	Low	78.974	78.371	77.658	77.246	77.028	-	-
			Mid	75.483	74.932	75.164	75.879	-	77.748	77.235
			High	78.550	78.203	77.475	77.217	76.966	-	-

802.11ax(HE160 80L)

HE80_L	Frequency [MHz]	Channel No.	RU Index	OBW (MHz)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	158.74	158.88	157.65	156.82	157.45	-
			Mid	153.36	153.41	153.74	154.08	-	157.00
			High	153.51	152.66	153.76	154.29	154.45	-
	6185	47	Low	158.50	158.24	157.57	156.83	156.86	-
			Mid	152.47	152.42	153.32	153.20	-	156.72
			High	153.53	152.65	152.77	153.66	154.11	-
	6345	79	Low	158.01	157.77	157.22	156.07	156.13	-
			Mid	152.91	152.85	152.83	153.51	-	156.38
			High	153.21	152.41	152.73	153.85	153.95	-
UNII 6	6505	111	Low	158.37	157.66	157.04	156.06	156.21	-
			Mid	153.17	150.56	152.74	153.11	-	156.33
			High	152.44	153.24	152.74	153.44	154.20	-
UNII 7	6665	143	Low	158.98	158.45	156.54	156.66	156.76	-
			Mid	153.73	149.29	153.94	153.91	-	157.15
			High	154.53	153.69	153.26	153.76	154.43	-
	6825	175	Low	158.43	157.25	157.23	155.89	155.87	-
			Mid	153.48	152.74	152.46	153.23	-	156.10
			High	153.21	153.20	153.47	153.86	154.28	-
UNII 8	6985	207	Low	158.46	157.52	157.03	156.10	155.92	-
			Mid	151.49	148.82	153.79	153.41	-	156.37
			High	144.31	152.50	153.88	153.67	154.26	-

802.11ax(HE160 80U)

HE80_U	Frequency [MHz]	Channel No.	RU Index	OBW (MHz)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	153.65	150.91	153.26	153.91	154.70	-
			Mid	152.96	151.37	153.23	153.98	-	156.40
			High	158.83	157.14	156.01	156.13	156.62	-
	6185	47	Low	152.01	153.15	153.29	154.05	154.24	-
			Mid	152.69	152.40	153.32	153.49	-	156.32
			High	159.16	157.40	157.09	156.20	156.54	-
	6345	79	Low	151.53	153.15	153.35	153.82	154.29	-
			Mid	153.64	152.17	152.78	153.73	-	156.39
			High	159.69	158.57	157.51	156.68	156.86	-
UNII 6	6505	111	Low	152.36	152.79	153.29	154.15	154.33	-
			Mid	153.97	153.49	154.15	153.83	-	156.65
			High	159.45	159.38	157.51	156.93	157.26	-
UNII 7	6665	143	Low	153.90	153.31	153.81	153.93	154.59	-
			Mid	152.75	153.40	153.85	154.30	-	156.51
			High	159.30	158.09	157.48	156.66	156.76	-
	6825	175	Low	154.25	152.30	153.90	153.97	154.27	-
			Mid	152.76	152.72	153.55	154.38	-	156.60
			High	159.94	157.34	157.85	157.10	156.73	-
UNII 8	6985	207	Low	153.96	153.34	154.10	154.24	154.02	-
			Mid	153.57	153.07	153.61	153.96	-	156.65
			High	158.97	158.65	157.80	157.01	157.02	-

802.11ax(HE160 SU)

HE160_SU	Frequency [MHz]	Channel No.	OBW (MHz)
			SU
UNII 5	6025	15	156.15
	6185	47	156.11
	6345	79	155.99
UNII 6	6505	111	156.11
UNII 7	6665	143	156.24
	6825	175	156.24
UNII 8	6985	207	156.03

802.11 a

802.11a	Frequency [MHz]	Channel No.	OBW (MHz)
UNII 5	5955	1	16.353
	6175	45	16.369
	6415	93	16.354
UNII 6	6435	97	16.360
	6475	105	16.372
	6515	113	16.363
UNII 7	6535	117	16.361
	6695	149	16.359
	6875	185	16.357
UNII 8	6895	189	16.372
	6995	209	16.367
	7115	233	16.359

10.2.2.2 SISO Ant2

802.11ax(HE20)

HE20	Frequency [MHz]	Channel No.	RU Index	OBW (MHz)				
				26 T	52 T	106 T	242 T	SU
UNII 5	5955	1	Low	18.411	18.367	18.351	-	-
			Mid	17.194	17.144	-	19.138	18.923
			High	18.505	18.291	18.312	-	-
	6175	45	Low	18.445	18.399	18.276	-	-
			Mid	17.270	17.290	-	19.142	18.940
			High	18.618	18.210	18.322	-	-
	6415	93	Low	18.527	18.299	18.348	-	-
			Mid	17.201	17.120	-	19.130	18.938
			High	18.516	18.225	18.246	-	-
UNII 6	6435	97	Low	18.508	18.211	18.275	-	-
			Mid	17.060	17.241	-	19.162	18.906
			High	18.687	18.358	18.298	-	-
	6475	105	Low	18.495	18.205	18.289	-	-
			Mid	17.149	17.190	-	19.145	18.918
			High	18.568	18.216	18.252	-	-
	6515	113	Low	18.524	18.332	18.296	-	-
			Mid	17.251	17.151	-	19.162	18.926
			High	18.596	18.212	18.292	-	-
UNII 7	6535	117	Low	18.415	18.295	18.267	-	-
			Mid	16.953	17.254	-	19.156	18.910
			High	18.597	18.331	18.309	-	-
	6695	149	Low	18.497	18.278	18.328	-	-
			Mid	16.917	17.210	-	19.172	18.906
			High	18.495	18.239	18.063	-	-
	6875	185	Low	18.432	18.378	18.344	-	-
			Mid	17.171	17.151	-	19.113	18.916
			High	18.521	18.312	18.221	-	-
UNII 8	6895	189	Low	18.486	18.349	18.343	-	-
			Mid	17.204	17.275	-	19.155	18.944
			High	18.639	18.218	18.278	-	-

HE20	Frequency [MHz]	Channel No.	RU Index	OBW (MHz)				
				26 T	52 T	106 T	242 T	SU
	6995	209	Low	18.481	18.326	18.333	-	-
			Mid	17.137	16.789	-	19.160	18.923
			High	18.700	18.219	18.275	-	-
	7115	233	Low	18.428	18.358	18.310	-	-
			Mid	17.254	17.224	-	19.157	18.924
			High	18.604	17.939	18.305	-	-

802.11ax(HE40)

HE40	Frequency [MHz]	Channel No.	RU Index	OBW (MHz)					
				26 T	52 T	106 T	242 T	484 T	SU
UNII 5	5965	3	Low	37.910	37.702	37.576	37.464	-	-
			Mid	36.221	36.325	36.520	-	38.040	37.695
			High	38.222	36.757	37.498	37.568	-	-
	6165	43	Low	38.339	37.758	37.484	37.494	-	-
			Mid	36.476	36.498	36.564	-	38.058	37.744
			High	38.276	37.854	37.486	37.553	-	-
	6405	91	Low	38.097	37.866	37.528	37.442	-	-
			Mid	36.150	36.154	36.582	-	38.052	37.738
			High	37.910	37.677	37.495	37.576	-	-
UNII 6	6445	99	Low	37.737	37.939	37.506	37.473	-	-
			Mid	36.322	36.352	36.602	-	38.068	37.735
			High	37.956	37.805	37.602	37.636	-	-
	6485	107	Low	38.372	37.777	37.572	37.465	-	-
			Mid	36.338	36.346	36.546	-	38.034	37.721
			High	38.076	37.569	37.500	37.598	-	-
	6525	115	Low	38.156	37.652	37.595	37.491	-	-
			Mid	36.392	36.324	36.557	-	38.080	37.725
			High	38.001	37.724	37.607	37.598	-	-
UNII 7	6565	123	Low	38.041	37.660	37.543	37.477	-	-
			Mid	36.347	36.144	36.565	-	38.046	37.722
			High	37.939	37.953	37.420	37.528	-	-
	6685	147	Low	38.339	37.708	37.501	37.443	-	-
			Mid	35.761	36.100	36.514	-	38.060	37.656
			High	38.008	37.903	37.668	37.634	-	-
	6845	179	Low	38.193	37.769	37.179	37.456	-	-
			Mid	36.079	36.360	36.504	-	38.072	37.734
			High	38.173	37.831	37.513	37.623	-	-
UNII 8	6885	187	Low	38.114	37.354	37.524	37.477	-	-
			Mid	36.071	36.215	36.389	-	38.054	37.714
			High	38.099	37.629	37.554	37.622	-	-
	7005	211	Low	37.784	37.715	37.482	37.495	-	-
			Mid	36.430	36.279	36.613	-	38.058	37.719
			High	38.238	37.865	37.455	37.630	-	-

HE40	Frequency [MHz]	Channel No.	RU Index	OBW (MHz)					
				26 T	52 T	106 T	242 T	484 T	SU
	7085	227	Low	38.189	37.574	37.547	37.457	-	-
			Mid	36.176	36.284	36.439	-	38.043	37.714
			High	38.242	37.486	37.477	37.641	-	-

802.11ax(HE80)

HE80	Frequency [MHz]	Channel No.	RU Index	OBW (MHz)						
				26 T	52 T	106 T	242 T	484 T	996 T	SU
UNII 5	5985	7	Low	78.787	78.399	77.469	77.265	77.068	-	-
			Mid	75.061	74.763	75.536	75.681	-	77.773	77.085
			High	78.876	77.675	77.380	77.147	76.968	-	-
	6145	39	Low	79.253	78.074	77.755	77.006	77.192	-	-
			Mid	75.089	75.285	75.576	75.769	-	77.898	77.183
			High	78.228	77.978	77.350	77.008	77.019	-	-
	6385	87	Low	78.797	78.152	77.586	77.452	77.077	-	-
			Mid	75.512	74.973	75.540	75.778	-	77.720	77.123
			High	78.781	78.016	77.365	77.135	76.996	-	-
UNII 6	6465	103	Low	79.002	78.543	77.882	77.325	77.115	-	-
			Mid	75.413	74.795	75.489	75.825	-	77.938	77.173
			High	78.427	77.988	77.397	77.131	76.898	-	-
UNII 7	6545	119	Low	78.839	77.962	77.696	77.187	77.131	-	-
			Mid	75.408	75.101	75.237	75.709	-	77.780	77.324
			High	78.865	78.236	77.414	77.164	76.892	-	-
	6705	151	Low	78.881	78.611	77.455	77.234	76.937	-	-
			Mid	75.174	75.040	75.539	75.832	-	77.913	77.204
			High	77.891	78.387	77.285	77.270	77.118	-	-
	6865	183	Low	78.781	77.424	77.939	77.206	77.162	-	-
			Mid	75.139	74.968	75.382	75.800	-	77.791	77.123
			High	78.622	78.094	77.383	77.246	77.084	-	-
UNII 8	6945	199	Low	79.029	78.145	77.881	77.357	76.985	-	-
			Mid	75.747	75.136	74.960	75.654	-	77.888	77.127
			High	78.280	78.176	77.397	77.301	76.937	-	-
	7025	215	Low	78.744	78.163	77.551	77.198	76.987	-	-
			Mid	75.237	74.648	75.625	75.722	-	77.741	77.130
			High	78.722	78.168	77.476	77.140	77.043	-	-

802.11ax(HE160 80L)

HE80_L	Frequency [MHz]	Channel No.	RU Index	OBW (MHz)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	159.34	158.53	157.83	156.93	157.42	-
			Mid	153.44	153.14	153.62	154.51	-	156.93
			High	152.32	152.54	153.48	153.74	154.66	-
	6185	47	Low	158.91	157.15	157.71	156.51	156.91	-
			Mid	152.82	151.77	153.79	153.30	-	156.74
			High	152.52	153.07	153.38	153.45	154.30	-
	6345	79	Low	158.97	152.15	157.27	156.91	156.63	-
			Mid	153.39	152.47	153.63	153.22	-	156.47
			High	152.59	151.57	153.47	154.04	153.99	-
UNII 6	6505	111	Low	158.58	158.06	156.96	156.06	156.37	-
			Mid	151.82	152.93	152.85	153.48	-	156.38
			High	152.95	153.00	152.62	153.60	154.03	-
UNII 7	6665	143	Low	158.61	157.51	157.02	156.24	156.15	-
			Mid	153.44	152.67	153.86	153.50	-	156.74
			High	151.26	153.69	153.57	153.39	153.96	-
	6825	175	Low	158.35	157.16	156.25	156.03	156.07	-
			Mid	151.86	152.08	152.46	153.30	-	156.22
			High	152.43	152.07	153.21	153.68	154.06	-
UNII 8	6985	207	Low	157.64	156.09	156.41	155.87	155.93	-
			Mid	153.05	152.53	151.91	153.47	-	156.63
			High	152.87	151.12	153.22	153.83	154.23	-

802.11ax(HE160 80U)

HE80_U	Frequency [MHz]	Channel No.	RU Index	OBW (MHz)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	153.72	153.32	152.90	154.19	154.42	-
			Mid	153.65	152.44	152.26	153.64	-	156.26
			High	157.53	156.60	156.46	156.30	156.42	-
	6185	47	Low	152.66	151.57	152.76	153.93	154.38	-
			Mid	153.62	151.75	153.15	153.48	-	156.39
			High	158.36	158.52	156.90	156.49	156.26	-
	6345	79	Low	153.30	149.80	153.63	153.82	154.16	-
			Mid	153.19	152.20	153.61	153.57	-	156.43
			High	158.72	157.85	157.23	156.46	156.95	-
UNII 6	6505	111	Low	149.59	151.59	153.37	153.44	154.45	-
			Mid	153.34	140.99	153.43	153.98	-	156.52
			High	158.98	158.26	156.93	156.90	157.05	-
UNII 7	6665	143	Low	153.35	152.65	152.88	153.65	153.99	-
			Mid	153.83	152.60	153.00	153.80	-	156.52
			High	158.76	157.34	157.49	156.71	156.64	-
	6825	175	Low	152.38	152.94	152.92	153.47	154.18	-
			Mid	153.27	149.17	153.76	154.18	-	156.66
			High	159.11	158.21	158.24	157.11	156.67	-
UNII 8	6985	207	Low	153.29	151.81	153.51	153.66	153.82	-
			Mid	153.64	151.70	152.50	153.69	-	156.52
			High	159.28	158.40	157.22	157.04	156.80	-

802.11ax(HE160 SU)

HE160_SU	Frequency [MHz]	Channel No.	OBW (MHz)
			SU
UNII 5	6025	15	156.10
	6185	47	156.00
	6345	79	155.91
UNII 6	6505	111	156.38
UNII 7	6665	143	156.06
	6825	175	155.90
UNII 8	6985	207	155.97

10.3 OUTPUT POWER MEASUREMENT

10.3.1 E.I.R.P Output Power

(SISO)

•[ANT1] EIRP Output Power (dBm) =Measured Conducted Power (dBm) + Duty Factor (dB) + Peak Ant. Gain (dBi)

•[ANT2] EIRP Output Power (dBm) =Measured Conducted Power (dBm) + Duty Factor (dB) + Peak Ant. Gain (dBi)

(MIMO)

•ANT1 Cond. : Measured Conducted Power(dBm) + Duty Factor (dB)

•ANT2 Cond. : Measured Conducted Power(dBm) + Duty Factor (dB)

•[ANT ALL] EIRP Output Power (dBm) =ANT1 Cond. + ANT2 Cond. + Directional Gain (dBi)

-Note: The MIMO formula on page 7 and the maximum gain of each band in the antenna gain table were applied.

10.3.1.1 SISO Ant 1

EIRP Output Power (dBm) =Measured Conducted Power (dBm) + Duty Factor (dB) + Peak Ant. Gain (dBi)

HE20	Frequency [MHz]	Channel No.	RU Index	Max. E.I.R.P Power (dBm)				
				26 T	52 T	106 T	242 T	SU
UNII 5	5955	1	Low	-5.99	-3.99	-0.45	-	-
			Mid	-6.21	-4.12	-	2.70	3.19
			High	-5.99	-3.93	-0.43	-	-
	6175	45	Low	-6.78	-5.07	-1.24	-	-
			Mid	-7.20	-5.28	-	1.82	2.26
			High	-6.88	-5.11	-1.21	-	-
	6415	93	Low	-7.92	-6.07	-2.33	-	-
			Mid	-8.38	-6.28	-	0.76	1.25
			High	-8.11	-6.18	-2.40	-	-
UNII 6	6435	97	Low	-8.50	-6.61	-2.98	-	-
			Mid	-9.02	-6.86	-	0.12	0.70
			High	-8.69	-6.79	-3.03	-	-
	6475	105	Low	-8.67	-6.86	-3.06	-	-
			Mid	-9.15	-7.02	-	0.15	0.65
			High	-8.76	-6.85	-3.03	-	-
	6515	113	Low	-8.99	-7.14	-3.32	-	-
			Mid	-9.51	-7.34	-	-0.11	0.35
			High	-9.21	-7.24	-3.39	-	-
UNII 7	6535	117	Low	-11.78	-9.90	-6.05	-	-
			Mid	-12.27	-10.12	-	-2.83	-2.38
			High	-11.92	-9.94	-6.12	-	-
	6695	149	Low	-11.30	-9.30	-5.46	-	-
			Mid	-11.74	-9.49	-	-2.25	-1.80
			High	-11.36	-9.34	-5.50	-	-
	6875	185	Low	-12.05	-10.27	-6.63	-	-
			Mid	-12.44	-10.44	-	-3.54	-3.01
			High	-12.10	-10.27	-6.72	-	-
UNII 8	6895	189	Low	-12.91	-11.04	-6.84	-	-
			Mid	-13.39	-11.22	-	-3.69	-3.16
			High	-13.04	-11.09	-7.01	-	-
	6995	209	Low	-13.22	-11.42	-7.58	-	-
			Mid	-13.63	-11.67	-	-4.44	-3.99
			High	-13.37	-11.46	-7.68	-	-
	7115	233	Low	-12.53	-10.60	-6.85	-	-
			Mid	-13.07	-10.90	-	-3.73	-3.96
			High	-12.79	-10.80	-7.00	-	-

HE40	Frequency [MHz]	Channel No.	RU Index	Max. E.I.R.P Power (dBm)					
				26 T	52 T	106 T	242 T	484 T	SU
UNII 5	5965	3	Low	-6.10	-4.26	-0.45	2.69	-	-
			Mid	-6.29	-4.41	-0.59	-	3.88	3.33
			High	-6.15	-4.27	-0.43	2.77	-	-
	6165	43	Low	-6.50	-4.49	-0.63	2.40	-	-
			Mid	-6.69	-4.71	-0.76	-	3.47	3.34
			High	-6.58	-4.54	-0.62	2.35	-	-
	6405	91	Low	-7.18	-5.22	-1.57	1.39	-	-
			Mid	-7.57	-5.58	-1.78	-	2.44	2.41
			High	-7.50	-5.51	-1.82	1.27	-	-
UNII 6	6445	99	Low	-8.67	-6.62	-2.90	0.09	-	-
			Mid	-8.95	-6.89	-3.15	-	1.17	0.97
			High	-8.82	-6.71	-3.06	0.11	-	-
	6485	107	Low	-8.80	-6.77	-2.95	0.18	-	-
			Mid	-8.94	-6.99	-3.06	-	1.19	0.99
			High	-8.83	-6.93	-3.00	0.07	-	-
	6525	115	Low	-8.96	-7.00	-3.15	-0.07	-	-
			Mid	-9.24	-7.33	-3.32	-	0.95	0.72
			High	-9.15	-7.21	-3.22	-0.20	-	-
UNII 7	6565	123	Low	-11.77	-9.87	-5.94	-2.88	-	-
			Mid	-12.16	-10.19	-6.12	-	-1.87	-2.10
			High	-12.01	-10.11	-6.09	-2.99	-	-
	6685	147	Low	-11.52	-9.59	-5.73	-2.70	-	-
			Mid	-11.86	-9.83	-5.84	-	-1.62	-1.89
			High	-11.63	-9.68	-5.89	-2.76	-	-
	6845	179	Low	-12.11	-10.08	-6.27	-3.16	-	-
			Mid	-12.35	-10.28	-6.50	-	-2.12	-2.28
			High	-12.17	-10.18	-6.53	-3.34	-	-
UNII 8	6885	187	Low	-13.85	-11.89	-8.08	-5.08	-	-
			Mid	-14.15	-12.06	-8.33	-	-3.97	-4.19
			High	-13.93	-11.95	-8.38	-5.33	-	-
	7005	211	Low	-13.22	-11.30	-7.39	-4.40	-	-
			Mid	-13.57	-11.52	-7.63	-	-3.42	-3.62
			High	-13.40	-11.44	-7.68	-4.60	-	-
	7085	227	Low	-11.95	-9.96	-6.10	-3.12	-	-
			Mid	-12.38	-10.34	-6.33	-	-1.78	-2.40
			High	-12.37	-10.42	-6.49	-3.33	-	-

HE80	Frequency [MHz]	Channel No.	RU Index	Max. E.I.R.P Power (dBm)						
				26 T	52 T	106 T	242 T	484 T	996 T	SU
UNII 5	5985	7	Low	-5.78	-3.75	-0.07	3.15	4.44	-	-
			Mid	-5.91	-4.00	-0.18	3.03	-	4.31	3.67
			High	-6.24	-4.19	-0.30	2.88	4.24	-	-
	6145	39	Low	-6.64	-4.69	-1.01	2.14	3.15	-	-
			Mid	-6.84	-4.96	-1.20	2.08	-	3.08	2.59
			High	-6.84	-4.99	-1.16	2.00	3.04	-	-
	6385	87	Low	-7.26	-5.31	-1.80	1.52	2.61	-	-
			Mid	-7.46	-5.61	-2.04	1.31	-	2.45	1.96
			High	-7.65	-5.80	-2.05	1.20	2.38	-	-
UNII 6	6465	103	Low	-8.85	-6.87	-3.35	-0.10	0.97	-	-
			Mid	-8.98	-6.95	-3.33	-0.21	-	0.90	0.39
			High	-9.01	-6.90	-3.33	-0.12	0.95	-	-
UNII 7	6545	119	Low	-11.18	-9.25	-5.47	-2.26	-1.26	-	-
			Mid	-11.34	-9.30	-5.56	-2.36	-	-1.34	-1.81
			High	-11.40	-9.33	-5.55	-2.34	-1.39	-	-
	6705	151	Low	-11.13	-9.28	-5.65	-2.45	-1.51	-	-
			Mid	-11.51	-9.55	-6.02	-2.63	-	-1.71	-2.18
			High	-11.63	-9.80	-6.35	-3.12	-2.08	-	-
	6865	183	Low	-12.28	-10.48	-6.45	-3.47	-2.43	-	-
			Mid	-12.62	-10.70	-6.89	-3.73	-	-2.64	-2.52
			High	-12.59	-10.70	-7.17	-4.02	-2.79	-	-
UNII 8	6945	199	Low	-13.51	-11.58	-7.62	-4.35	-2.87	-	-
			Mid	-13.76	-11.89	-8.15	-4.70	-	-3.16	-3.62
			High	-13.62	-11.66	-8.05	-4.84	-3.18	-	-
	7025	215	Low	-11.67	-9.80	-5.72	-2.62	-1.79	-	-
			Mid	-11.88	-9.89	-6.08	-2.77	-	-1.99	-2.54
			High	-11.91	-10.03	-6.19	-2.88	-2.08	-	-

HE160_80L	Frequency [MHz]	Channel No.	RU Index	Max. E.I.R.P Power (dBm)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	-6.80	-4.81	-1.28	2.03	2.87	-
			Mid	-6.96	-4.87	-1.28	1.98	-	3.01
			High	-6.88	-4.81	-1.37	1.83	2.80	-
	6185	47	Low	-6.80	-4.71	-1.03	2.07	3.06	-
			Mid	-6.70	-4.85	-1.03	2.10	-	3.12
			High	-6.90	-4.85	-1.13	2.09	3.02	-
	6345	79	Low	-6.09	-4.28	-0.79	2.49	3.36	-
			Mid	-6.33	-4.45	-0.81	2.45	-	3.38
			High	-6.66	-4.81	-0.99	2.20	3.30	-
UNII 6	6505	111	Low	-8.38	-6.43	-2.69	0.53	1.35	-
			Mid	-8.70	-6.71	-3.20	0.17	-	1.16
			High	-9.11	-7.36	-3.56	-0.26	1.01	-
UNII 7	6665	143	Low	-12.27	-10.50	-6.57	-3.41	-2.37	-
			Mid	-12.99	-11.06	-7.14	-3.70	-	-2.54
			High	-12.90	-11.05	-7.18	-3.89	-2.79	-
	6825	175	Low	-11.39	-9.60	-5.23	-2.02	-1.14	-
			Mid	-11.80	-10.03	-5.82	-2.48	-	-1.46
			High	-11.95	-9.93	-6.23	-2.98	-1.77	-
UNII 8	6985	207	Low	-12.38	-10.54	-6.31	-3.18	-2.53	-
			Mid	-12.96	-11.06	-7.24	-3.63	-	-2.81
			High	-13.24	-11.26	-7.43	-4.33	-3.21	-

HE160_80U	Frequency [MHz]	Channel No.	RU Index	Max. E.I.R.P Power (dBm)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	-6.69	-4.97	-1.24	2.07	3.17	-
			Mid	-6.69	-4.69	-0.72	2.20	-	3.28
			High	-6.36	-4.52	-0.48	2.58	3.44	-
	6185	47	Low	-6.80	-4.89	-0.92	1.99	3.05	-
			Mid	-6.69	-4.80	-0.85	2.10	-	3.21
			High	-6.54	-4.66	-0.65	2.39	3.26	-
	6345	79	Low	-6.70	-4.83	-1.13	2.11	3.11	-
			Mid	-6.97	-5.08	-1.24	1.93	-	2.95
			High	-7.21	-5.23	-1.47	1.86	2.83	-
UNII 6	6505	111	Low	-9.17	-7.31	-3.47	-0.37	0.55	-
			Mid	-9.41	-7.63	-3.76	-0.51	-	0.50
			High	-9.87	-7.93	-4.01	-0.63	0.26	-
UNII 7	6665	143	Low	-13.06	-11.01	-6.98	-3.77	-2.72	-
			Mid	-12.63	-10.71	-6.82	-3.66	-	-2.69
			High	-12.34	-10.56	-6.74	-3.59	-2.68	-
	6825	175	Low	-11.79	-10.04	-6.14	-3.03	-2.05	-
			Mid	-11.88	-9.98	-6.40	-3.19	-	-2.18
			High	-11.65	-9.87	-6.63	-3.25	-2.24	-
UNII 8	6985	207	Low	-13.30	-11.41	-7.48	-4.36	-3.39	-
			Mid	-13.30	-11.38	-7.75	-4.42	-	-3.48
			High	-13.17	-11.37	-7.74	-4.48	-3.51	-

HE160_SU	Frequency [MHz]	Channel No.	Max. E.I.R.P Power (dBm)
UNII 5	6025	15	3.26
	6185	47	3.26
	6345	79	3.29
UNII 6	6505	111	0.95
UNII 7	6665	143	-1.70
	6825	175	-1.68
UNII 8	6985	207	-3.02

802.11a	Frequency [MHz]	Channel No.	Max. E.I.R.P Power (dBm)
UNII 5	5955	1	3.48
	6175	45	2.53
	6415	93	1.33
UNII 6	6435	97	0.77
	6475	105	0.88
	6515	113	0.49
UNII 7	6535	117	-2.30
	6695	149	-1.53
	6875	185	-2.69
UNII 8	6895	189	-2.99
	6995	209	-3.75
	7115	233	-3.95

10.3.1.2 SISO Ant 2

EIRP Output Power (dBm) =Measured Conducted Power (dBm) + Duty Factor (dB) + Peak Ant. Gain (dBi)

HE20	Frequency [MHz]	Channel No.	RU Index	Max. E.I.R.P Power (dBm)				
				26 T	52 T	106 T	242 T	SU
UNII 5	5955	1	Low	-5.19	-3.24	0.82	-	-
			Mid	-5.47	-3.35	-	3.90	4.35
			High	-5.11	-3.14	0.82	-	-
	6175	45	Low	-4.92	-3.21	0.29	-	-
			Mid	-5.33	-3.39	-	3.49	3.96
			High	-4.92	-3.16	0.27	-	-
	6415	93	Low	-7.74	-5.77	-2.53	-	-
			Mid	-8.14	-5.92	-	0.88	1.40
			High	-7.75	-5.79	-2.51	-	-
UNII 6	6435	97	Low	-6.06	-4.22	-1.03	-	-
			Mid	-6.50	-4.45	-	2.34	2.89
			High	-6.14	-4.28	-0.99	-	-
	6475	105	Low	-4.90	-3.11	0.53	-	-
			Mid	-5.23	-3.25	-	3.73	4.21
			High	-4.83	-3.00	0.54	-	-
	6515	113	Low	-4.93	-3.08	0.36	-	-
			Mid	-5.44	-3.28	-	3.60	4.07
			High	-5.07	-3.14	0.33	-	-
UNII 7	6535	117	Low	-5.49	-3.66	-0.28	-	-
			Mid	-5.75	-3.88	-	3.00	3.44
			High	-5.44	-3.64	-0.27	-	-
	6695	149	Low	-6.10	-4.34	-0.89	-	-
			Mid	-6.52	-4.51	-	2.34	2.76
			High	-6.11	-4.28	-0.97	-	-
	6875	185	Low	-6.78	-5.17	-2.24	-	-
			Mid	-7.23	-5.28	-	0.88	1.37
			High	-6.88	-5.15	-2.32	-	-
UNII 8	6895	189	Low	-6.89	-5.07	-1.54	-	-
			Mid	-7.28	-5.29	-	1.49	1.99
			High	-6.84	-5.13	-1.58	-	-
	6995	209	Low	-6.25	-4.36	-0.88	-	-
			Mid	-6.71	-4.49	-	2.49	2.77
			High	-6.42	-4.43	-1.00	-	-
	7115	233	Low	-7.85	-5.88	-2.32	-	-
			Mid	-8.24	-6.09	-	0.99	0.08
			High	-7.91	-5.99	-2.40	-	-

HE40	Frequency [MHz]	Channel No.	RU Index	Max. E.I.R.P Power (dBm)					
				26 T	52 T	106 T	242 T	484 T	SU
UNII 5	5965	3	Low	-5.32	-3.36	0.33	3.40	-	-
			Mid	-5.68	-3.54	0.06	-	2.80	2.38
			High	-5.43	-3.44	0.06	3.29	-	-
	6165	43	Low	-5.29	-3.18	0.34	3.43	-	-
			Mid	-5.45	-3.32	0.16	-	4.45	4.37
			High	-5.28	-3.21	0.39	3.39	-	-
	6405	91	Low	-5.47	-3.40	0.09	3.20	-	-
			Mid	-5.86	-3.62	-0.04	-	4.33	4.19
			High	-5.43	-3.41	0.15	3.21	-	-
UNII 6	6445	99	Low	-6.14	-4.20	-0.97	2.34	-	-
			Mid	-6.31	-4.41	-1.11	-	3.44	3.29
			High	-6.11	-4.11	-0.89	2.36	-	-
	6485	107	Low	-4.95	-3.00	0.64	3.68	-	-
			Mid	-5.07	-3.04	0.52	-	4.78	4.63
			High	-4.82	-2.84	0.72	3.75	-	-
	6525	115	Low	-4.92	-2.93	0.61	3.61	-	-
			Mid	-5.10	-3.10	0.50	-	4.67	4.51
			High	-4.91	-2.98	0.59	3.55	-	-
UNII 7	6565	123	Low	-5.43	-3.55	0.02	2.94	-	-
			Mid	-5.61	-3.72	-0.20	-	3.98	3.78
			High	-5.52	-3.65	-0.17	2.87	-	-
	6685	147	Low	-5.60	-3.55	-0.47	2.47	-	-
			Mid	-5.87	-3.76	-0.68	-	3.41	3.28
			High	-5.74	-3.71	-0.77	2.26	-	-
	6845	179	Low	-6.71	-4.68	-1.74	1.24	-	-
			Mid	-6.99	-4.99	-1.99	-	2.22	2.08
			High	-6.93	-4.95	-2.10	1.02	-	-
UNII 8	6885	187	Low	-7.49	-5.35	-2.33	0.55	-	-
			Mid	-7.83	-5.64	-2.50	-	1.78	1.65
			High	-7.67	-5.51	-2.55	0.45	-	-
	7005	211	Low	-6.23	-4.17	-0.66	2.54	-	-
			Mid	-6.65	-4.52	-0.96	-	3.25	3.09
			High	-6.68	-4.50	-1.09	2.20	-	-
	7085	227	Low	-7.22	-5.18	-1.72	1.35	-	-
			Mid	-7.68	-5.58	-1.98	-	1.76	1.31
			High	-7.65	-5.54	-2.04	1.16	-	-

HE80	Frequency [MHz]	Channel No.	RU Index	Max. E.I.R.P Power (dBm)						
				26 T	52 T	106 T	242 T	484 T	996 T	SU
UNII 5	5985	7	Low	-4.98	-2.96	0.58	3.87	3.12	-	-
			Mid	-5.06	-3.21	0.37	3.70	-	3.86	2.56
			High	-5.16	-3.18	0.25	3.64	2.96	-	-
	6145	39	Low	-5.31	-3.44	0.00	3.38	4.23	-	-
			Mid	-5.49	-3.68	-0.30	3.15	-	4.83	3.73
			High	-5.50	-3.57	-0.26	3.03	4.12	-	-
	6385	87	Low	-5.45	-3.67	-0.17	3.02	4.09	-	-
			Mid	-5.52	-3.70	-0.26	2.89	-	4.50	3.66
			High	-5.49	-3.71	-0.25	2.96	4.12	-	-
UNII 6	6465	103	Low	-6.40	-4.52	-1.32	2.19	3.22	-	-
			Mid	-6.43	-4.30	-1.13	2.09	-	3.54	2.90
			High	-6.00	-3.95	-0.91	2.44	3.37	-	-
UNII 7	6545	119	Low	-5.35	-3.40	0.06	3.20	4.28	-	-
			Mid	-5.36	-3.32	-0.10	3.13	-	4.33	3.82
			High	-5.32	-3.21	0.09	3.17	4.28	-	-
	6705	151	Low	-5.39	-3.40	-0.38	2.69	3.50	-	-
			Mid	-5.62	-3.68	-0.97	2.34	-	3.64	2.95
			High	-5.79	-3.87	-1.15	2.10	3.13	-	-
	6865	183	Low	-6.60	-4.62	-1.47	1.57	2.59	-	-
			Mid	-7.01	-5.19	-2.08	1.22	-	2.64	2.30
			High	-6.95	-5.16	-2.11	0.88	2.22	-	-
UNII 8	6945	199	Low	-7.33	-5.57	-2.09	0.98	1.05	-	-
			Mid	-7.52	-5.71	-2.22	0.83	-	1.04	0.78
			High	-7.40	-5.42	-1.86	1.03	1.21	-	-
	7025	215	Low	-5.91	-4.12	-0.68	2.54	2.63	-	-
			Mid	-6.33	-4.51	-1.16	2.40	-	2.30	1.89
			High	-6.76	-4.76	-1.33	2.07	2.25	-	-

HE160_80L	Frequency [MHz]	Channel No.	RU Index	Max. E.I.R.P Power (dBm)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	-5.99	-3.90	-0.27	2.83	3.85	-
			Mid	-6.35	-4.25	-0.58	2.65	-	4.45
			High	-5.93	-3.92	-0.49	2.68	3.74	-
	6185	47	Low	-4.85	-2.94	0.39	3.68	4.73	-
			Mid	-4.79	-2.90	0.42	3.60	-	5.26
			High	-4.80	-2.86	0.51	3.67	4.57	-
	6345	79	Low	-4.48	-2.67	0.84	3.93	4.99	-
			Mid	-4.68	-2.65	0.87	3.97	-	5.29
			High	-4.78	-2.70	0.76	3.93	4.87	-
UNII 6	6505	111	Low	-4.78	-2.81	0.69	3.85	4.69	-
			Mid	-4.90	-2.98	0.40	3.81	-	4.92
			High	-5.30	-3.20	0.22	3.50	4.58	-
UNII 7	6665	143	Low	-6.41	-4.35	-0.96	2.30	3.03	-
			Mid	-6.95	-4.89	-1.44	1.93	-	3.05
			High	-6.90	-4.71	-1.59	1.53	2.67	-
	6825	175	Low	-5.92	-3.93	-0.74	2.42	3.23	-
			Mid	-6.23	-4.43	-1.32	1.97	-	3.21
			High	-6.44	-4.60	-1.67	1.56	2.79	-
UNII 8	6985	207	Low	-5.60	-3.69	-0.11	3.31	3.87	-
			Mid	-5.90	-3.98	-0.67	3.05	-	3.73
			High	-6.34	-4.16	-0.78	2.54	3.39	-

HE160_80U	Frequency [MHz]	Channel No.	RU Index	Max. E.I.R.P Power (dBm)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	-6.18	-4.09	-0.41	2.93	4.09	-
			Mid	-5.23	-3.26	0.42	3.34	-	5.14
			High	-4.64	-2.56	0.85	4.03	4.75	-
	6185	47	Low	-4.90	-2.87	0.54	3.74	4.86	-
			Mid	-4.50	-2.66	0.81	3.86	-	5.51
			High	-4.02	-2.31	1.14	4.31	5.15	-
	6345	79	Low	-4.19	-2.24	1.22	4.28	5.14	-
			Mid	-4.39	-2.34	0.96	4.16	-	5.57
			High	-4.45	-2.46	1.15	4.20	5.13	-
UNII 6	6505	111	Low	-5.07	-3.21	0.14	3.21	4.14	-
			Mid	-5.30	-3.42	-0.16	3.18	-	4.25
			High	-5.41	-3.51	-0.13	3.03	4.05	-
UNII 7	6665	143	Low	-6.77	-4.68	-1.56	1.55	2.44	-
			Mid	-6.67	-4.79	-1.72	1.45	-	2.66
			High	-6.60	-4.46	-1.62	1.35	2.52	-
	6825	175	Low	-6.47	-4.54	-1.79	1.35	2.29	-
			Mid	-6.82	-4.83	-2.12	1.34	-	2.44
			High	-6.64	-4.90	-2.09	1.04	2.19	-
UNII 8	6985	207	Low	-6.21	-4.19	-0.86	2.43	3.25	-
			Mid	-6.36	-4.44	-1.15	2.34	-	2.93
			High	-6.78	-4.80	-1.34	2.09	2.96	-

HE160_SU	Frequency [MHz]	Channel No.	Max. E.I.R.P Power (dBm)
UNII 5	6025	15	4.44
	6185	47	5.10
	6345	79	5.35
UNII 6	6505	111	4.81
UNII 7	6665	143	3.01
	6825	175	3.02
UNII 8	6985	207	3.59

10.3.1.3 SUM (SISO Ant 1 + SISO Ant 2)

•[ANT ALL] EIRP Output Power (dBm) = ANT1 Cond. + ANT2 Cond. + Directional Gain (dBi)

HE20	Frequency [MHz]	Channel No.	RU Index	Max. E.I.R.P SUM Power (dBm)				
				26 T	52 T	106 T	242 T	SU
UNII 5	5955	1	Low	0.46	2.44	6.23	-	-
			Mid	0.21	2.32	-	9.35	9.82
			High	0.50	2.52	6.24	-	-
	6175	45	Low	0.20	1.91	5.57	-	-
			Mid	-0.21	1.72	-	8.70	9.16
			High	0.16	1.92	5.57	-	-
	6415	93	Low	-1.75	0.16	3.67	-	-
			Mid	-2.18	-0.03	-	6.91	7.41
			High	-1.86	0.08	3.65	-	-
UNII 6	6435	97	Low	-1.17	0.69	4.11	-	-
			Mid	-1.65	0.45	-	7.34	7.91
			High	-1.31	0.57	4.11	-	-
	6475	105	Low	-0.63	1.17	4.88	-	-
			Mid	-1.02	1.02	-	8.08	8.57
			High	-0.63	1.23	4.90	-	-
	6515	113	Low	-0.78	1.07	4.67	-	-
			Mid	-1.29	0.87	-	7.90	8.36
			High	-0.95	1.00	4.62	-	-
UNII 7	6535	117	Low	-2.24	-0.39	3.18	-	-
			Mid	-2.59	-0.61	-	6.43	6.88
			High	-2.26	-0.39	3.16	-	-
	6695	149	Low	-2.40	-0.54	3.10	-	-
			Mid	-2.83	-0.71	-	6.32	6.76
			High	-2.43	-0.52	3.04	-	-
	6875	185	Low	-3.11	-1.42	1.83	-	-
			Mid	-3.53	-1.56	-	4.95	5.45
			High	-3.19	-1.41	1.76	-	-
UNII 8	6895	189	Low	-3.48	-1.63	2.21	-	-
			Mid	-3.91	-1.83	-	5.30	5.82
			High	-3.51	-1.69	2.11	-	-
	6995	209	Low	-3.24	-1.39	2.24	-	-
			Mid	-3.69	-1.57	-	5.52	5.86
			High	-3.40	-1.45	2.13	-	-
	7115	233	Low	-3.78	-1.83	1.83	-	-
			Mid	-4.24	-2.09	-	5.04	4.50
			High	-3.94	-1.99	1.71	-	-

HE40	Frequency [MHz]	Channel No.	RU Index	Max. E.I.R.P SUM Power (dBm)					
				26 T	52 T	106 T	242 T	484 T	SU
UNII 5	5965	3	Low	0.34	2.24	5.99	9.10	-	-
			Mid	0.07	2.08	5.79	-	9.55	9.04
			High	0.27	2.20	5.88	9.09	-	-
	6165	43	Low	0.15	2.21	5.91	8.96	-	-
			Mid	-0.03	2.03	5.75	-	10.01	9.90
			High	0.11	2.17	5.93	8.92	-	-
	6405	91	Low	-0.27	1.74	5.31	8.35	-	-
			Mid	-0.66	1.45	5.14	-	9.44	9.35
			High	-0.40	1.60	5.22	8.30	-	-
UNII 6	6445	99	Low	-1.30	0.70	4.18	7.33	-	-
			Mid	-1.52	0.46	3.98	-	8.42	8.24
			High	-1.35	0.70	4.14	7.35	-	-
	6485	107	Low	-0.71	1.27	4.99	8.07	-	-
			Mid	-0.85	1.16	4.88	-	9.13	8.96
			High	-0.65	1.30	5.01	8.06	-	-
	6525	115	Low	-0.76	1.22	4.89	7.92	-	-
			Mid	-0.98	0.98	4.75	-	8.96	8.77
			High	-0.83	1.11	4.85	7.83	-	-
UNII 7	6565	123	Low	-2.20	-0.31	3.40	6.38	-	-
			Mid	-2.45	-0.54	3.20	-	7.41	7.19
			High	-2.34	-0.46	3.23	6.29	-	-
	6685	147	Low	-2.20	-0.20	3.20	6.18	-	-
			Mid	-2.50	-0.42	3.04	-	7.18	6.99
			High	-2.33	-0.34	2.97	6.04	-	-
	6845	179	Low	-3.10	-1.07	2.27	5.31	-	-
			Mid	-3.36	-1.33	2.03	-	6.32	6.17
			High	-3.25	-1.26	1.96	5.11	-	-
UNII 8	6885	187	Low	-4.22	-2.16	1.20	4.14	-	-
			Mid	-4.55	-2.40	1.00	-	5.32	5.15
			High	-4.36	-2.28	0.95	3.98	-	-
	7005	211	Low	-3.23	-1.22	2.44	5.56	-	-
			Mid	-3.62	-1.52	2.17	-	6.38	6.20
			High	-3.57	-1.48	2.07	5.28	-	-
	7085	227	Low	-3.17	-1.16	2.51	5.54	-	-
			Mid	-3.62	-1.55	2.27	-	6.47	5.92
			High	-3.60	-1.57	2.15	5.33	-	-

HE80	Frequency [MHz]	Channel No.	RU Index	Max. E.I.R.P SUM Power (dBm)						
				26 T	52 T	106 T	242 T	484 T	996 T	SU
UNII 5	5985	7	Low	0.68	2.70	6.31	9.57	10.02	-	-
			Mid	0.56	2.45	6.16	9.42	-	10.22	9.32
			High	0.35	2.36	6.04	9.32	9.83	-	-
	6145	39	Low	0.07	1.98	5.54	8.80	9.73	-	-
			Mid	-0.12	1.73	5.30	8.66	-	10.01	9.20
			High	-0.13	1.76	5.34	8.56	9.63	-	-
	6385	87	Low	-0.31	1.56	5.06	8.32	9.39	-	-
			Mid	-0.43	1.40	4.90	8.14	-	9.54	8.86
			High	-0.51	1.31	4.90	8.13	9.30	-	-
UNII 6	6465	103	Low	-1.51	0.42	3.78	7.16	8.21	-	-
			Mid	-1.59	0.49	3.88	7.05	-	8.33	7.75
			High	-1.39	0.69	3.99	7.27	8.27	-	-
UNII 7	6545	119	Low	-1.92	0.02	3.62	6.79	7.83	-	-
			Mid	-1.99	0.05	3.49	6.70	-	7.83	7.33
			High	-1.98	0.11	3.60	6.74	7.78	-	-
	6705	151	Low	-1.92	0.01	3.29	6.42	7.29	-	-
			Mid	-2.21	-0.26	2.80	6.14	-	7.28	6.68
			High	-2.36	-0.48	2.55	5.79	6.83	-	-
	6865	183	Low	-3.11	-1.19	2.33	5.34	6.37	-	-
			Mid	-3.49	-1.62	1.80	5.03	-	6.30	6.18
			High	-3.44	-1.60	1.65	4.72	6.00	-	-
UNII 8	6945	199	Low	-3.99	-2.15	1.55	4.72	5.54	-	-
			Mid	-4.20	-2.37	1.24	4.47	-	5.37	5.01
			High	-4.07	-2.10	1.48	4.52	5.44	-	-
	7025	215	Low	-2.38	-0.55	3.21	6.36	6.84	-	-
			Mid	-2.70	-0.80	2.79	6.22	-	6.58	6.10
			High	-2.93	-0.99	2.64	6.00	6.51	-	-

HE160_80L	Frequency [MHz]	Channel No.	RU Index	Max. E.I.R.P SUM Power (dBm)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	-0.34	1.70	5.27	8.48	9.41	-
			Mid	-0.59	1.50	5.13	8.37	-	9.78
			High	-0.35	1.69	5.12	8.31	9.32	-
	6185	47	Low	0.23	2.23	5.72	8.92	9.94	-
			Mid	0.31	2.18	5.74	8.90	-	10.26
			High	0.21	2.20	5.74	8.93	9.84	-
	6345	79	Low	1.03	2.84	6.34	9.52	10.49	-
			Mid	0.81	2.77	6.35	9.52	-	10.67
			High	0.61	2.59	6.20	9.38	10.40	-
UNII 6	6505	111	Low	-0.43	1.52	5.14	8.32	9.15	-
			Mid	-0.64	1.31	4.75	8.14	-	9.20
			High	-1.04	0.91	4.49	7.78	8.94	-
UNII 7	6665	143	Low	-2.99	-1.04	2.56	5.78	6.64	-
			Mid	-3.60	-1.59	2.05	5.45	-	6.58
			High	-3.53	-1.48	1.94	5.13	6.26	-
	6825	175	Low	-2.34	-0.43	3.29	6.47	7.32	-
			Mid	-2.69	-0.90	2.70	6.02	-	7.15
			High	-2.87	-0.96	2.33	5.56	6.79	-
UNII 8	6985	207	Low	-2.51	-0.63	3.22	6.52	7.12	-
			Mid	-2.92	-1.02	2.50	6.18	-	6.91
			High	-3.30	-1.20	2.36	5.59	6.55	-

HE160_80U	Frequency [MHz]	Channel No.	RU Index	Max. E.I.R.P SUM Power (dBm)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	-0.37	1.52	5.23	8.55	9.68	-
			Mid	0.09	2.07	5.90	8.82	-	10.26
			High	0.55	2.52	6.23	9.35	10.14	-
	6185	47	Low	0.20	2.18	5.85	8.91	10.01	-
			Mid	0.47	2.33	6.03	9.03	-	10.43
			High	0.81	2.59	6.30	9.41	10.26	-
	6345	79	Low	0.64	2.56	6.12	9.26	10.18	-
			Mid	0.41	2.40	5.92	9.12	-	10.35
			High	0.28	2.26	5.94	9.10	10.05	-
UNII 6	6505	111	Low	-0.94	0.93	4.48	7.57	8.49	-
			Mid	-1.17	0.67	4.19	7.48	-	8.53
			High	-1.42	0.50	4.10	7.35	8.31	-
UNII 7	6665	143	Low	-3.52	-1.44	2.04	5.20	6.16	-
			Mid	-3.29	-1.39	2.03	5.19	-	6.29
			High	-3.13	-1.14	2.12	5.17	6.22	-
	6825	175	Low	-2.82	-0.97	2.30	5.43	6.39	-
			Mid	-3.05	-1.11	2.01	5.35	-	6.41
			High	-2.86	-1.09	1.92	5.17	6.25	-
UNII 8	6985	207	Low	-3.25	-1.28	2.29	5.51	6.40	-
			Mid	-3.34	-1.42	2.01	5.43	-	6.17
			High	-3.53	-1.63	1.91	5.26	6.18	-

HE160_SU	Frequency [MHz]	Channel No.	Max. E.I.R.P SUM Power (dBm))
UNII 5	6025	15	9.89
	6185	47	10.23
	6345	79	10.38
UNII 6	6505	111	9.04
UNII 7	6665	143	6.94
	6825	175	6.95
UNII 8	6985	207	6.74

10.4 POWER SPECTRAL DENSITY

10.4.1 E.I.R.P PSD

· EIRP PSD (dBm /MHz) =Measured Value PSD (dBm/MHz) + Duty Factor (dB) + Peak Ant. Gain (dBi)

10.4.1.1 SISO Ant 1

HE20	Frequency [MHz]	Channel No.	RU Index	E.I.R.P Power Spectral Density (dBm/MHz)				
				26 T	52 T	106 T	242 T	SU
UNII 5	5955	1	Low	-8.578	-9.738	-8.807	-	-
			Mid	-9.949	-9.743	-	-8.957	-8.399
			High	-8.753	-9.544	-8.799	-	-
	6175	45	Low	-9.537	-10.505	-9.579	-	-
			Mid	-11.041	-10.768	-	-10.043	-9.333
			High	-9.424	-10.483	-9.572	-	-
	6415	93	Low	-10.294	-11.540	-10.791	-	-
			Mid	-11.900	-11.746	-	-11.125	-10.237
			High	-10.745	-11.597	-10.851	-	-
UNII 6	6435	97	Low	-11.117	-12.010	-11.268	-	-
			Mid	-12.407	-12.243	-	-11.707	-10.909
			High	-11.170	-12.161	-11.513	-	-
	6475	105	Low	-11.357	-12.414	-11.511	-	-
			Mid	-12.521	-12.412	-	-11.819	-10.930
			High	-11.271	-12.452	-11.381	-	-
	6515	113	Low	-11.568	-12.579	-11.628	-	-
			Mid	-13.024	-12.517	-	-11.832	-11.331
			High	-11.642	-12.692	-11.817	-	-
UNII 7	6535	117	Low	-14.374	-15.112	-14.532	-	-
			Mid	-15.902	-15.586	-	-14.511	-14.109
			High	-14.422	-15.454	-14.532	-	-
	6695	149	Low	-13.799	-14.784	-13.827	-	-
			Mid	-15.249	-14.980	-	-14.125	-13.456
			High	-13.763	-14.779	-13.888	-	-
	6875	185	Low	-14.552	-15.651	-14.874	-	-
			Mid	-16.187	-15.794	-	-15.397	-14.629
			High	-14.531	-15.710	-15.046	-	-
UNII 8	6895	189	Low	-15.501	-16.378	-15.204	-	-
			Mid	-17.098	-16.705	-	-15.453	-14.863
			High	-15.542	-16.535	-15.273	-	-
	6995	209	Low	-15.912	-16.912	-15.948	-	-
			Mid	-17.398	-17.046	-	-16.287	-15.651
			High	-15.893	-16.842	-16.017	-	-
	7115	233	Low	-14.982	-15.987	-15.134	-	-
			Mid	-16.766	-16.150	-	-15.489	-15.673
			High	-15.454	-16.281	-15.357	-	-

HE40	Frequency [MHz]	Channel No.	RU Index	E.I.R.P Power Spectral Density (dBm/MHz)					
				26 T	52 T	106 T	242 T	484 T	SU
UNII 5	5965	3	Low	-8.625	-9.557	-8.901	-9.328	-	-
			Mid	-9.055	-9.482	-8.877	-	-10.906	-11.355
			High	-8.469	-9.503	-8.772	-9.300	-	-
	6165	43	Low	-9.336	-9.906	-9.253	-9.454	-	-
			Mid	-9.397	-10.166	-9.340	-	-11.335	-11.324
			High	-9.160	-10.094	-9.200	-9.620	-	-
	6405	91	Low	-9.871	-10.781	-10.162	-10.613	-	-
			Mid	-10.423	-11.183	-10.243	-	-12.155	-12.140
			High	-10.061	-11.073	-10.344	-10.757	-	-
UNII 6	6445	99	Low	-11.257	-11.963	-11.612	-11.931	-	-
			Mid	-11.794	-12.194	-11.498	-	-13.813	-13.517
			High	-11.548	-12.195	-11.630	-11.867	-	-
	6485	107	Low	-11.424	-12.177	-11.480	-11.702	-	-
			Mid	-11.559	-12.650	-11.589	-	-13.696	-13.518
			High	-11.683	-12.319	-11.639	-11.829	-	-
	6525	115	Low	-11.709	-12.669	-11.724	-12.175	-	-
			Mid	-12.017	-12.704	-11.829	-	-13.847	-13.899
			High	-11.790	-12.681	-11.843	-12.138	-	-
UNII 7	6565	123	Low	-14.429	-15.586	-14.431	-14.746	-	-
			Mid	-14.852	-15.657	-14.672	-	-16.657	-16.423
			High	-14.731	-15.345	-14.494	-15.034	-	-
	6685	147	Low	-14.207	-14.739	-14.127	-14.544	-	-
			Mid	-14.276	-15.118	-14.422	-	-16.572	-16.411
			High	-14.218	-14.953	-14.518	-14.819	-	-
	6845	179	Low	-14.925	-15.671	-14.881	-15.160	-	-
			Mid	-14.857	-15.808	-15.056	-	-16.970	-17.009
			High	-14.840	-15.602	-15.073	-15.210	-	-
UNII 8	6885	187	Low	-16.666	-17.419	-16.647	-17.214	-	-
			Mid	-16.763	-17.684	-16.664	-	-18.718	-18.473
			High	-16.845	-17.457	-17.038	-17.298	-	-
	7005	211	Low	-15.785	-16.762	-15.955	-16.456	-	-
			Mid	-16.372	-17.044	-16.020	-	-18.274	-18.218
			High	-16.131	-16.937	-16.229	-16.526	-	-
	7085	227	Low	-14.555	-15.460	-14.639	-15.167	-	-
			Mid	-14.956	-15.706	-14.850	-	-16.618	-17.004
			High	-15.202	-15.747	-14.850	-15.186	-	-

HE80	Frequency [MHz]	Channel No.	RU Index	E.I.R.P Power Spectral Density (dBm/MHz)						
				26 T	52 T	106 T	242 T	484 T	996 T	SU
UNII 5	5985	7	Low	-8.543	-9.276	-8.611	-8.956	-10.721	-	-
			Mid	-9.921	-9.545	-8.590	-8.923	-	-13.598	-13.832
			High	-8.847	-9.693	-8.855	-9.170	-10.818	-	-
	6145	39	Low	-9.171	-10.281	-9.713	-9.971	-11.871	-	-
			Mid	-11.064	-10.780	-9.788	-10.081	-	-14.809	-15.021
			High	-9.474	-10.747	-9.800	-9.647	-12.032	-	-
	6385	87	Low	-9.883	-10.883	-10.145	-10.604	-12.206	-	-
			Mid	-11.102	-11.264	-10.671	-10.673	-	-15.308	-15.712
			High	-10.506	-11.445	-10.617	-11.091	-12.844	-	-
UNII 6	6465	103	Low	-11.639	-12.338	-11.800	-12.292	-14.315	-	-
			Mid	-12.754	-12.502	-11.963	-12.274	-	-16.841	-17.177
			High	-11.771	-12.514	-11.704	-12.161	-14.151	-	-
UNII 7	6545	119	Low	-13.870	-14.839	-14.020	-14.365	-16.355	-	-
			Mid	-15.125	-14.922	-14.363	-14.498	-	-19.275	-19.422
			High	-14.194	-14.958	-14.146	-14.478	-16.532	-	-
	6705	151	Low	-13.920	-14.668	-14.310	-14.343	-16.499	-	-
			Mid	-15.508	-15.038	-14.592	-14.632	-	-19.498	-19.646
			High	-14.642	-15.479	-14.872	-15.193	-16.809	-	-
	6865	183	Low	-15.147	-16.297	-15.079	-15.432	-17.302	-	-
			Mid	-16.498	-16.405	-15.587	-15.801	-	-20.367	-20.645
			High	-15.300	-16.476	-15.724	-16.093	-17.620	-	-
UNII 8	6945	199	Low	-16.341	-17.265	-16.141	-16.286	-17.832	-	-
			Mid	-17.775	-17.415	-16.799	-16.717	-	-20.683	-21.193
			High	-16.357	-17.345	-16.591	-16.796	-18.131	-	-
	7025	215	Low	-14.507	-15.386	-14.480	-14.466	-16.930	-	-
			Mid	-15.890	-15.637	-14.560	-14.856	-	-19.904	-20.135
			High	-14.692	-15.572	-14.674	-14.997	-16.998	-	-

HE160_80L	Frequency [MHz]	Channel No.	RU Index	E.I.R.P Power Spectral Density (dBm/MHz)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	-9.733	-10.351	-9.968	-10.256	-12.110	-
			Mid	-10.821	-10.436	-10.044	-10.275	-	-15.110
			High	-9.762	-10.379	-9.841	-10.409	-12.331	-
	6185	47	Low	-9.617	-10.222	-9.650	-10.355	-12.315	-
			Mid	-10.437	-10.456	-9.710	-9.928	-	-15.265
			High	-9.747	-10.542	-9.741	-10.058	-12.202	-
	6345	79	Low	-9.147	-10.046	-9.442	-9.621	-11.855	-
			Mid	-10.230	-10.196	-9.478	-9.769	-	-14.685
			High	-9.342	-10.368	-9.569	-10.036	-11.998	-
UNII 6	6505	111	Low	-11.066	-11.796	-11.058	-11.619	-13.674	-
			Mid	-12.731	-12.116	-11.730	-11.757	-	-16.967
			High	-12.179	-12.899	-12.144	-12.441	-14.289	-
UNII 7	6665	143	Low	-15.369	-15.858	-15.230	-15.421	-17.558	-
			Mid	-16.739	-16.687	-15.469	-15.731	-	-20.590
			High	-15.736	-16.823	-15.781	-16.050	-18.199	-
	6825	175	Low	-14.407	-15.166	-13.923	-14.242	-16.331	-
			Mid	-15.863	-15.476	-14.353	-14.532	-	-19.325
			High	-14.702	-15.629	-14.997	-15.270	-16.866	-
UNII 8	6985	207	Low	-15.224	-15.912	-14.959	-15.322	-17.333	-
			Mid	-17.170	-16.717	-16.007	-15.663	-	-20.574
			High	-15.846	-16.724	-15.912	-16.284	-18.488	-

HE160_80U	Frequency [MHz]	Channel No.	RU Index	E.I.R.P Power Spectral Density (dBm/MHz)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	-9.692	-10.513	-9.871	-10.062	-11.984	-
			Mid	-10.641	-10.106	-9.528	-9.684	-	-14.710
			High	-9.181	-10.129	-9.319	-9.512	-11.854	-
	6185	47	Low	-9.741	-10.578	-9.363	-10.065	-12.121	-
			Mid	-10.411	-10.384	-9.377	-9.881	-	-14.883
			High	-9.456	-10.387	-9.290	-9.890	-11.857	-
	6345	79	Low	-9.367	-10.469	-9.673	-9.836	-11.986	-
			Mid	-10.829	-10.975	-9.937	-10.047	-	-15.311
			High	-10.095	-10.975	-10.069	-10.363	-12.494	-
UNII 6	6505	111	Low	-12.135	-13.253	-12.151	-12.568	-14.762	-
			Mid	-13.778	-13.633	-12.298	-12.691	-	-17.881
			High	-12.796	-13.610	-12.632	-12.955	-15.135	-
UNII 7	6665	143	Low	-16.074	-16.686	-15.369	-15.845	-17.931	-
			Mid	-16.540	-16.422	-15.547	-16.027	-	-21.072
			High	-15.247	-16.265	-15.430	-15.622	-17.948	-
	6825	175	Low	-14.721	-15.692	-14.781	-15.204	-17.305	-
			Mid	-15.686	-15.592	-15.094	-15.224	-	-20.405
			High	-14.743	-15.522	-15.033	-15.572	-17.501	-
UNII 8	6985	207	Low	-15.985	-16.924	-16.119	-16.392	-18.564	-
			Mid	-16.947	-16.741	-16.307	-16.692	-	-21.490
			High	-15.918	-17.105	-16.193	-16.745	-18.814	-

HE160_SU	Frequency [MHz]	Channel No.	E.I.R.P Power Spectral Density (dBm/MHz)
UNII 5	6025	15	-17.522
	6185	47	-17.395
	6345	79	-17.150
UNII 6	6505	111	-19.455
UNII 7	6665	143	-23.133
	6825	175	-22.243
UNII 8	6985	207	-23.707

802.11a	Frequency [MHz]	Channel No.	E.I.R.P Power Spectral Density (dBm/MHz)
UNII 5	5955	1	-7.622
	6175	45	-8.512
	6415	93	-9.864
UNII 6	6435	97	-10.350
	6475	105	-10.166
	6515	113	-10.717
UNII 7	6535	117	-13.476
	6695	149	-12.637
	6875	185	-13.883
UNII 8	6895	189	-13.858
	6995	209	-15.033
	7115	233	-15.092

10.4.1.2 SISO Ant.2

HE20	Frequency [MHz]	Channel No.	RU Index	E.I.R.P Power Spectral Density (dBm/MHz)				
				26 T	52 T	106 T	242 T	SU
UNII 5	5955	1	Low	-7.693	-8.646	-7.675	-	-
			Mid	-9.106	-9.052	-	-7.891	-7.154
			High	-7.652	-8.525	-7.584	-	-
	6175	45	Low	-7.657	-8.774	-7.818	-	-
			Mid	-9.039	-9.000	-	-8.135	-7.355
			High	-7.698	-8.647	-7.816	-	-
	6415	93	Low	-10.353	-11.342	-10.510	-	-
			Mid	-11.877	-11.452	-	-10.718	-10.096
			High	-10.195	-11.145	-10.672	-	-
UNII 6	6435	97	Low	-8.521	-9.748	-9.130	-	-
			Mid	-10.155	-9.794	-	-9.305	-8.638
			High	-8.485	-9.627	-9.102	-	-
	6475	105	Low	-7.556	-8.406	-7.577	-	-
			Mid	-8.977	-8.619	-	-7.831	-7.280
			High	-7.563	-8.349	-7.509	-	-
	6515	113	Low	-7.304	-8.326	-7.663	-	-
			Mid	-9.120	-8.653	-	-7.899	-7.435
			High	-7.566	-8.619	-7.545	-	-
UNII 7	6535	117	Low	-8.117	-8.823	-8.325	-	-
			Mid	-9.389	-9.151	-	-8.630	-7.962
			High	-8.068	-8.838	-8.532	-	-
	6695	149	Low	-8.693	-9.568	-9.055	-	-
			Mid	-10.278	-9.897	-	-9.189	-8.550
			High	-8.912	-9.588	-9.089	-	-
	6875	185	Low	-9.453	-10.575	-10.248	-	-
			Mid	-10.986	-10.851	-	-10.466	-9.990
			High	-9.618	-10.404	-10.486	-	-
UNII 8	6895	189	Low	-9.382	-10.461	-9.740	-	-
			Mid	-11.100	-10.561	-	-10.008	-9.222
			High	-9.578	-10.476	-9.619	-	-
	6995	209	Low	-8.976	-9.725	-9.036	-	-
			Mid	-10.491	-9.772	-	-8.909	-8.344
			High	-8.922	-9.967	-9.105	-	-
	7115	233	Low	-10.477	-11.339	-10.278	-	-
			Mid	-11.980	-11.598	-	-10.603	-11.845
			High	-10.550	-11.386	-10.430	-	-

HE40	Frequency [MHz]	Channel No.	RU Index	E.I.R.P Power Spectral Density (dBm/MHz)					
				26 T	52 T	106 T	242 T	484 T	SU
UNII 5	5965	3	Low	-8.209	-8.918	-8.015	-8.334	-	-
			Mid	-8.497	-9.313	-8.167	-	-12.140	-12.042
			High	-8.219	-9.090	-8.213	-8.658	-	-
	6165	43	Low	-7.845	-8.614	-7.812	-8.438	-	-
			Mid	-8.447	-8.975	-8.142	-	-10.335	-10.065
			High	-8.064	-8.746	-8.035	-8.341	-	-
	6405	91	Low	-8.156	-9.052	-8.272	-8.711	-	-
			Mid	-8.536	-9.151	-8.368	-	-10.235	-10.360
			High	-8.191	-8.990	-8.178	-8.443	-	-
UNII 6	6445	99	Low	-8.864	-9.881	-9.049	-9.518	-	-
			Mid	-9.273	-9.946	-9.346	-	-11.070	-11.232
			High	-8.733	-9.603	-9.222	-9.401	-	-
	6485	107	Low	-7.701	-8.426	-7.757	-8.165	-	-
			Mid	-7.962	-8.413	-7.723	-	-9.818	-9.817
			High	-7.552	-8.420	-7.553	-7.964	-	-
	6525	115	Low	-7.461	-8.441	-7.584	-8.124	-	-
			Mid	-7.852	-8.667	-7.831	-	-9.871	-9.822
			High	-7.453	-8.360	-7.701	-8.158	-	-
UNII 7	6565	123	Low	-8.076	-8.893	-8.204	-8.887	-	-
			Mid	-8.466	-9.081	-8.205	-	-10.554	-10.527
			High	-8.337	-8.914	-8.428	-8.913	-	-
	6685	147	Low	-8.534	-9.017	-8.719	-9.239	-	-
			Mid	-8.795	-9.331	-8.844	-	-11.090	-11.114
			High	-8.486	-9.285	-9.092	-9.321	-	-
	6845	179	Low	-9.493	-10.260	-9.816	-10.476	-	-
			Mid	-9.769	-10.614	-10.302	-	-12.293	-12.280
			High	-9.785	-10.549	-10.455	-10.577	-	-
UNII 8	6885	187	Low	-10.353	-10.939	-10.681	-11.069	-	-
			Mid	-10.591	-11.245	-10.546	-	-12.806	-12.970
			High	-10.588	-11.139	-10.721	-11.319	-	-
	7005	211	Low	-9.123	-9.671	-8.874	-9.316	-	-
			Mid	-9.319	-9.959	-9.221	-	-10.871	-11.003
			High	-9.452	-10.038	-9.407	-9.456	-	-
	7085	227	Low	-10.085	-10.714	-9.753	-10.340	-	-
			Mid	-10.172	-11.033	-10.189	-	-12.994	-13.510
			High	-10.403	-10.884	-10.184	-10.590	-	-

HE80	Frequency [MHz]	Channel No.	RU Index	E.I.R.P Power Spectral Density (dBm/MHz)						
				26 T	52 T	106 T	242 T	484 T	996 T	SU
UNII 5	5985	7	Low	-7.960	-8.413	-7.701	-8.019	-11.917	-	-
			Mid	-9.280	-8.919	-8.031	-8.293	-	-14.941	-15.332
			High	-8.023	-8.748	-8.154	-8.391	-12.198	-	-
	6145	39	Low	-8.369	-9.119	-8.232	-8.696	-10.547	-	-
			Mid	-9.603	-9.327	-8.589	-8.770	-	-13.508	-13.759
			High	-8.428	-9.429	-8.377	-8.744	-10.838	-	-
	6385	87	Low	-8.536	-9.059	-8.387	-9.042	-10.786	-	-
			Mid	-10.051	-9.312	-8.776	-9.031	-	-13.656	-13.865
			High	-8.375	-9.255	-8.549	-8.870	-10.653	-	-
UNII 6	6465	103	Low	-9.235	-9.996	-9.548	-9.752	-11.723	-	-
			Mid	-10.311	-10.002	-9.058	-9.742	-	-14.222	-14.354
			High	-8.990	-9.609	-9.311	-9.488	-11.263	-	-
UNII 7	6545	119	Low	-8.280	-9.049	-8.215	-8.677	-10.628	-	-
			Mid	-9.560	-8.960	-8.245	-8.832	-	-13.612	-13.546
			High	-8.181	-8.726	-8.241	-8.686	-10.644	-	-
	6705	151	Low	-8.380	-9.227	-8.716	-9.145	-11.105	-	-
			Mid	-9.674	-9.357	-9.115	-9.473	-	-14.199	-14.279
			High	-8.727	-9.364	-9.490	-9.852	-11.622	-	-
	6865	183	Low	-9.751	-10.290	-9.610	-10.354	-12.126	-	-
			Mid	-11.059	-10.748	-10.234	-10.727	-	-15.255	-15.476
			High	-10.087	-10.731	-10.342	-10.963	-12.835	-	-
UNII 8	6945	199	Low	-10.212	-11.115	-10.117	-10.630	-13.958	-	-
			Mid	-11.244	-11.332	-10.256	-10.841	-	-16.922	-17.092
			High	-10.352	-10.976	-10.269	-10.746	-13.995	-	-
	7025	215	Low	-8.907	-9.833	-8.888	-9.225	-12.426	-	-
			Mid	-10.403	-10.177	-9.527	-9.441	-	-15.379	-15.885
			High	-9.369	-10.332	-9.473	-9.803	-12.777	-	-

HE160_80L	Frequency [MHz]	Channel No.	RU Index	E.I.R.P Power Spectral Density (dBm/MHz)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	-9.136	-9.926	-8.632	-8.958	-11.106	-
			Mid	-10.413	-10.068	-8.977	-9.138	-	-14.359
			High	-9.233	-9.863	-8.900	-9.370	-11.251	-
	6185	47	Low	-7.869	-8.970	-7.949	-8.295	-10.279	-
			Mid	-9.056	-8.536	-8.054	-8.344	-	-13.423
			High	-7.866	-8.880	-8.000	-8.266	-10.243	-
	6345	79	Low	-7.479	-7.941	-7.056	-7.520	-9.606	-
			Mid	-7.994	-7.720	-6.966	-7.436	-	-12.520
			High	-7.145	-7.995	-7.095	-7.813	-9.563	-
UNII 6	6505	111	Low	-7.691	-8.628	-7.794	-8.130	-10.138	-
			Mid	-9.083	-8.899	-8.029	-8.049	-	-13.149
			High	-8.345	-9.169	-7.998	-8.522	-10.371	-
UNII 7	6665	143	Low	-9.439	-10.376	-9.161	-9.574	-11.739	-
			Mid	-11.316	-10.826	-9.785	-9.823	-	-14.665
			High	-9.917	-10.666	-9.795	-10.365	-12.330	-
	6825	175	Low	-9.114	-10.011	-9.177	-9.326	-11.635	-
			Mid	-10.391	-10.263	-9.773	-9.714	-	-14.729
			High	-9.794	-10.391	-9.963	-10.245	-12.282	-
UNII 8	6985	207	Low	-8.750	-9.273	-8.557	-8.728	-10.664	-
			Mid	-10.081	-9.591	-8.878	-8.920	-	-13.891
			High	-8.972	-9.947	-9.163	-9.252	-11.280	-

HE160_80U	Frequency [MHz]	Channel No.	RU Index	E.I.R.P Power Spectral Density (dBm/MHz)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	-8.892	-9.852	-8.975	-9.103	-10.933	-
			Mid	-9.645	-9.071	-8.159	-8.813	-	-13.180
			High	-7.842	-8.307	-7.522	-8.035	-10.049	-
	6185	47	Low	-7.749	-8.685	-7.942	-8.176	-10.223	-
			Mid	-8.970	-8.487	-7.392	-8.091	-	-12.941
			High	-7.403	-8.011	-7.210	-7.637	-9.702	-
	6345	79	Low	-7.234	-8.208	-7.244	-7.560	-9.667	-
			Mid	-8.538	-8.157	-7.271	-7.745	-	-12.798
			High	-7.597	-8.366	-7.229	-7.808	-9.779	-
UNII 6	6505	111	Low	-8.504	-9.250	-8.147	-8.697	-10.878	-
			Mid	-9.897	-9.213	-8.494	-8.992	-	-13.813
			High	-8.439	-9.230	-8.692	-8.950	-10.875	-
UNII 7	6665	143	Low	-10.058	-10.487	-10.046	-10.247	-12.490	-
			Mid	-10.777	-10.514	-10.009	-10.561	-	-15.532
			High	-9.571	-10.187	-10.077	-10.400	-12.378	-
	6825	175	Low	-9.527	-10.245	-10.346	-10.494	-12.551	-
			Mid	-11.041	-10.654	-10.548	-10.810	-	-15.567
			High	-9.775	-10.672	-10.511	-10.875	-12.930	-
UNII 8	6985	207	Low	-9.132	-9.873	-8.933	-9.261	-11.214	-
			Mid	-10.442	-10.129	-9.637	-9.305	-	-14.575
			High	-9.835	-10.713	-9.732	-9.966	-11.867	-

HE160_SU	Frequency [MHz]	Channel No.	E.I.R.P Power Spectral Density (dBm/MHz)
UNII 5	6025	15	-16.001
	6185	47	-15.344
	6345	79	-14.524
UNII 6	6505	111	-15.413
UNII 7	6665	143	-17.430
	6825	175	-17.285
UNII 8	6985	207	-16.667

10.4.1.3 E.I.R.P SUM (SISO Ant 1 + SISO Ant 2)

· EIRP PSD (dBm /MHz) = SUM (Ant1 + Ant2) + Directional Gain (dBi)

HE20	Frequency [MHz]	Channel No.	RU Index	E.I.R.P MIMO Power Spectral Density (dBm/MHz)				
				26 T	52 T	106 T	242 T	SU
UNII 5	5955	1	Low	-2.090	-3.151	-2.200	-	-
			Mid	-3.481	-3.347	-	-2.382	-1.736
			High	-2.161	-2.992	-2.151	-	-
	6175	45	Low	-2.547	-3.594	-2.652	-	-
			Mid	-3.986	-3.838	-	-3.038	-2.290
			High	-2.516	-3.517	-2.647	-	-
	6415	93	Low	-4.230	-5.366	-4.580	-	-
			Mid	-5.802	-5.530	-	-4.858	-4.088
			High	-4.414	-5.310	-4.685	-	-
UNII 6	6435	97	Low	-3.709	-4.767	-4.085	-	-
			Mid	-5.169	-4.909	-	-4.395	-3.662
			High	-3.716	-4.784	-4.197	-	-
	6475	105	Low	-3.298	-4.235	-3.374	-	-
			Mid	-4.608	-4.358	-	-3.651	-2.957
			High	-3.265	-4.217	-3.280	-	-
	6515	113	Low	-3.237	-4.255	-3.473	-	-
			Mid	-4.905	-4.422	-	-3.696	-3.217
			High	-3.423	-4.475	-3.481	-	-
UNII 7	6535	117	Low	-4.855	-5.573	-5.043	-	-
			Mid	-6.223	-5.956	-	-5.219	-4.657
			High	-4.843	-5.710	-5.169	-	-
	6695	149	Low	-4.952	-5.876	-5.161	-	-
			Mid	-6.476	-6.146	-	-5.371	-4.718
			High	-5.055	-5.885	-5.208	-	-
	6875	185	Low	-5.709	-6.821	-6.285	-	-
			Mid	-7.288	-7.037	-	-6.645	-6.034
			High	-5.790	-6.752	-6.492	-	-
UNII 8	6895	189	Low	-6.017	-7.005	-6.069	-	-
			Mid	-7.681	-7.207	-	-6.328	-5.636
			High	-6.143	-7.084	-6.039	-	-
	6995	209	Low	-5.958	-6.806	-6.008	-	-
			Mid	-7.461	-6.886	-	-6.062	-5.471
			High	-5.918	-6.924	-6.077	-	-
	7115	233	Low	-6.316	-7.254	-6.302	-	-
			Mid	-7.968	-7.462	-	-6.642	-7.305
			High	-6.599	-7.431	-6.491	-	-

HE40	Frequency [MHz]	Channel No.	RU Index	E.I.R.P MIMO Power Spectral Density (dBm/MHz)					
				26 T	52 T	106 T	242 T	484 T	SU
UNII 5	5965	3	Low	-2.355	-3.185	-2.412	-2.788	-	-
			Mid	-2.720	-3.321	-2.471	-	-5.300	-5.546
			High	-2.272	-3.234	-2.436	-2.926	-	-
	6165	43	Low	-2.550	-3.220	-2.491	-2.903	-	-
			Mid	-2.879	-3.530	-2.700	-	-4.792	-4.655
			High	-2.571	-3.380	-2.576	-2.940	-	-
	6405	91	Low	-2.969	-3.871	-3.166	-3.611	-	-
			Mid	-3.430	-4.112	-3.255	-	-5.144	-5.203
			High	-3.077	-3.974	-3.199	-3.530	-	-
UNII 6	6445	99	Low	-3.950	-4.807	-4.220	-4.614	-	-
			Mid	-4.424	-4.958	-4.308	-	-6.329	-6.263
			High	-4.028	-4.789	-4.315	-4.523	-	-
	6485	107	Low	-3.410	-4.147	-3.465	-3.792	-	-
			Mid	-3.616	-4.335	-3.492	-	-5.592	-5.516
			High	-3.432	-4.203	-3.413	-3.732	-	-
	6525	115	Low	-3.388	-4.360	-3.466	-3.970	-	-
			Mid	-3.745	-4.508	-3.655	-	-5.686	-5.679
			High	-3.415	-4.316	-3.584	-3.975	-	-
UNII 7	6565	123	Low	-4.851	-5.793	-4.930	-5.467	-	-
			Mid	-5.253	-5.939	-5.022	-	-7.232	-7.123
			High	-5.127	-5.718	-5.091	-5.597	-	-
	6685	147	Low	-5.038	-5.542	-5.111	-5.586	-	-
			Mid	-5.219	-5.882	-5.308	-	-7.513	-7.458
			High	-5.015	-5.787	-5.491	-5.751	-	-
	6845	179	Low	-5.896	-6.654	-6.056	-6.541	-	-
			Mid	-6.020	-6.913	-6.400	-	-8.355	-8.367
			High	-6.022	-6.785	-6.488	-6.617	-	-
UNII 8	6885	187	Low	-7.074	-7.732	-7.247	-7.715	-	-
			Mid	-7.250	-8.021	-7.180	-	-9.347	-9.319
			High	-7.285	-7.862	-7.443	-7.890	-	-
	7005	211	Low	-5.993	-6.714	-5.913	-6.378	-	-
			Mid	-6.348	-7.000	-6.147	-	-8.034	-8.095
			High	-6.329	-7.005	-6.342	-6.490	-	-
	7085	227	Low	-5.905	-6.681	-5.793	-6.349	-	-
			Mid	-6.159	-6.962	-6.111	-	-8.334	-8.774
			High	-6.398	-6.912	-6.108	-6.477	-	-

HE80	Frequency [MHz]	Channel No.	RU Index	E.I.R.P MIMO Power Spectral Density (dBm/MHz)						
				26 T	52 T	106 T	242 T	484 T	996 T	SU
UNII 5	5985	7	Low	-2.197	-2.798	-2.112	-2.444	-5.102	-	-
			Mid	-3.548	-3.178	-2.255	-2.555	-	-8.031	-8.320
			High	-2.389	-3.176	-2.454	-2.733	-5.264	-	-
	6145	39	Low	-2.723	-3.659	-2.932	-3.294	-5.169	-	-
			Mid	-4.293	-4.012	-3.148	-3.386	-	-8.118	-8.350
			High	-2.909	-4.047	-3.048	-3.151	-5.395	-	-
	6385	87	Low	-3.170	-3.922	-3.220	-3.781	-5.455	-	-
			Mid	-4.535	-4.235	-3.673	-3.809	-	-8.438	-8.740
			High	-3.381	-4.287	-3.526	-3.916	-5.686	-	-
UNII 6	6465	103	Low	-4.327	-5.056	-4.562	-4.912	-6.909	-	-
			Mid	-5.423	-5.141	-4.396	-4.898	-	-9.420	-9.652
			High	-4.268	-4.946	-4.397	-4.714	-6.593	-	-
UNII 7	6545	119	Low	-4.750	-5.601	-4.774	-5.188	-7.155	-	-
			Mid	-6.019	-5.582	-4.929	-5.334	-	-10.112	-10.133
			High	-4.824	-5.454	-4.840	-5.240	-7.236	-	-
	6705	151	Low	-4.829	-5.633	-5.187	-5.446	-7.491	-	-
			Mid	-6.245	-5.864	-5.537	-5.756	-	-10.543	-10.653
			High	-5.330	-6.046	-5.871	-6.215	-7.917	-	-
	6865	183	Low	-6.138	-6.929	-6.028	-6.601	-8.417	-	-
			Mid	-7.465	-7.245	-6.602	-6.972	-	-11.516	-11.763
			High	-6.394	-7.264	-6.723	-7.233	-8.948	-	-
UNII 8	6945	199	Low	-6.852	-7.763	-6.709	-7.052	-9.444	-	-
			Mid	-8.059	-7.950	-7.076	-7.366	-	-12.342	-12.707
			High	-6.936	-7.721	-6.994	-7.350	-9.630	-	-
	7025	215	Low	-5.302	-6.205	-5.280	-5.446	-8.264	-	-
			Mid	-6.744	-6.504	-5.643	-5.747	-	-11.228	-11.584
			High	-5.630	-6.551	-5.673	-6.000	-8.460	-	-

HE160_80L	Frequency [MHz]	Channel No.	RU Index	E.I.R.P MIMO Power Spectral Density (dBm/MHz)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	-3.380	-4.076	-3.259	-3.567	-5.565	-
			Mid	-4.553	-4.186	-3.468	-3.666	-	-8.686
			High	-3.440	-4.063	-3.326	-3.848	-5.749	-
	6185	47	Low	-2.697	-3.555	-2.754	-3.269	-5.241	-
			Mid	-3.706	-3.444	-2.838	-3.094	-	-8.295
			High	-2.756	-3.667	-2.824	-3.115	-5.169	-
	6345	79	Low	-2.268	-2.934	-2.174	-2.512	-4.664	-
			Mid	-3.046	-2.878	-2.139	-2.532	-	-7.541
			High	-2.180	-3.108	-2.252	-2.860	-4.703	-
UNII 6	6505	111	Low	-3.246	-4.088	-3.299	-3.737	-5.765	-
			Mid	-4.759	-4.382	-3.727	-3.751	-	-8.898
			High	-4.100	-4.880	-3.883	-4.314	-6.162	-
UNII 7	6665	143	Low	-6.048	-6.799	-5.825	-6.150	-8.303	-
			Mid	-7.714	-7.407	-6.293	-6.424	-	-11.272
			High	-6.481	-7.365	-6.426	-6.875	-8.914	-
	6825	175	Low	-5.456	-6.292	-5.271	-5.499	-7.705	-
			Mid	-6.810	-6.569	-5.788	-5.842	-	-10.752
			High	-5.963	-6.708	-6.189	-6.468	-8.299	-
UNII 8	6985	207	Low	-5.540	-6.132	-5.316	-5.569	-7.536	-
			Mid	-7.123	-6.647	-5.936	-5.824	-	-10.769
			High	-5.928	-6.864	-6.068	-6.272	-8.368	-

HE160_80U	Frequency [MHz]	Channel No.	RU Index	E.I.R.P MIMO Power Spectral Density (dBm/MHz)					
				26 T	52 T	106 T	242 T	484 T	996 T
UNII 5	6025	15	Low	-3.244	-4.130	-3.378	-3.539	-5.416	-
			Mid	-4.100	-3.546	-2.803	-3.203	-	-7.903
			High	-2.471	-3.169	-2.373	-2.733	-4.904	-
	6185	47	Low	-2.691	-3.581	-2.611	-3.071	-5.121	-
			Mid	-3.649	-3.385	-2.330	-2.939	-	-7.860
			High	-2.373	-3.125	-2.192	-2.698	-4.718	-
	6345	79	Low	-2.240	-3.271	-2.381	-2.631	-4.756	-
			Mid	-3.615	-3.459	-2.510	-2.827	-	-7.972
			High	-2.764	-3.581	-2.540	-3.001	-5.039	-
UNII 6	6505	111	Low	-4.172	-5.076	-3.974	-4.469	-6.655	-
			Mid	-5.672	-5.207	-4.237	-4.690	-	-9.666
			High	-4.408	-5.208	-4.492	-4.778	-6.806	-
UNII 7	6665	143	Low	-6.701	-7.202	-6.401	-6.720	-8.896	-
			Mid	-7.318	-7.114	-6.456	-6.978	-	-11.980
			High	-6.076	-6.855	-6.445	-6.711	-8.839	-
	6825	175	Low	-5.825	-6.653	-6.291	-6.572	-8.649	-
			Mid	-7.087	-6.837	-6.547	-6.746	-	-11.704
			High	-5.971	-6.814	-6.498	-6.947	-8.941	-
UNII 8	6985	207	Low	-6.080	-6.900	-6.013	-6.320	-8.357	-
			Mid	-7.245	-6.977	-6.509	-6.462	-	-11.548
			High	-6.453	-7.468	-6.516	-6.884	-8.853	-

HE160_SU	Frequency [MHz]	Channel No.	E.I.R.P MIMO Power Spectral Density (dBm/MHz)
UNII 5	6025	15	-10.720
	6185	47	-10.313
	6345	79	-9.746
UNII 6	6505	111	-11.256
UNII 7	6665	143	-13.946
	6825	175	-13.477
UNII 8	6985	207	-13.690

10.5 In-Band Emission

-See Annex B Test Plot

10.6 Contention Based Protocol

- Contention-based Protocol Detection Level

Band	BW	Channel No.	Incumbent Freq (MHz)	injected Power [dBm]	Antenna Gain [dBi]	Adjusted Power [dBm]	EUT TX Status
UNII 5	HE20	37	6135	-78.20	-2.20	-76.00	Ceased
				-80.13	-2.20	-77.93	Minimal
				-80.96	-2.20	-78.76	Normal
	HE160	47	6110	-77.69	-2.20	-75.49	Ceased
				-79.58	-2.20	-77.38	Minimal
				-80.35	-2.20	-78.15	Normal
			6185	-74.46	-2.20	-72.26	Ceased
				-76.41	-2.20	-74.21	Minimal
				-77.26	-2.20	-75.06	Normal
			6250	-78.74	-2.20	-76.54	Ceased
				-80.70	-2.20	-78.50	Minimal
				-81.05	-2.20	-78.85	Normal
UNII 6	HE20	101	6455	-78.02	-3.10	-74.92	Ceased
				-80.07	-3.10	-76.97	Minimal
				-81.05	-3.10	-77.95	Normal
	HE160	111	6430	-78.62	-3.10	-75.52	Ceased
				-80.83	-3.10	-77.73	Minimal
				-81.69	-3.10	-78.59	Normal
			6505	-75.42	-3.10	-72.32	Ceased
				-77.68	-3.10	-74.58	Minimal
				-78.48	-3.10	-75.38	Normal
			6580	-78.87	-5.20	-73.67	Ceased
				-81.02	-5.20	-75.82	Minimal
				-81.96	-5.20	-76.76	Normal

Band	BW	Channel No.	Incumbent Freq (MHz)	injected Power [dBm]	Antenna Gain [dBi]	Adjusted Power [dBm]	EUT TX Status
UNII 7	HE20	133	6615	-78.32	-5.20	-73.12	Ceased
				-79.87	-5.20	-74.67	Minimal
				-80.68	-5.20	-75.48	Normal
	HE160	143	6590	-78.44	-5.20	-73.24	Ceased
				-79.83	-5.20	-74.63	Minimal
				-80.74	-5.20	-75.54	Normal
			6665	-73.90	-6.70	-67.20	Ceased
				-75.49	-6.70	-68.79	Minimal
				-76.39	-6.70	-69.69	Normal
			6740	-78.04	-6.70	-71.34	Ceased
				-79.46	-6.70	-72.76	Minimal
				-80.44	-6.70	-73.74	Normal
UNII 8	HE20	197	6935	-78.05	-8.30	-69.75	Ceased
				-78.92	-8.30	-70.62	Minimal
				-79.86	-8.30	-71.56	Normal
	HE160	207	6910	-77.71	-8.30	-69.41	Ceased
				-78.92	-8.30	-70.62	Minimal
				-79.86	-8.30	-71.56	Normal
			6985	-71.92	-8.30	-63.62	Ceased
				-73.22	-8.30	-64.92	Minimal
				-74.13	-8.30	-65.83	Normal
			7060	-76.55	-8.30	-68.25	Ceased
				-77.89	-8.30	-69.59	Minimal
				-78.81	-8.30	-70.51	Normal

Note:

1. KDB 987594 D02, contention based protocol was tested using an AWGN signal with a bandwidth of 10MHz.
   The amplitude of the signal was increased until detected by the EUT, signaled by theceasing of transmission, marker indicates the point at which the AWGN signal is introduced.
2. Injected Power(dBm) = Actual power of AWGN injected into the antenna port(dBm) + Path Loss(dB)
3. Adjusted Power(dBm) = Injected Power(dBm) – Antenna Gain(dBi)
4. In order to simplify the report, attached were only the worst-case plots.
   Plot & Antenna Gain is described in [UNII 6e] Plot Annex B. Please refer to [UNII 6e] Plot Annex B.

- Incumbent Detection Result

Band	BW	Channel No.	Incumbent Freq (MHz)	Injected Power [dBm]	Antenna Gain [dBi]	Adjusted Power [dBm]	Detection Limit [dBm]	Margin [dB]
UNII 5	HE20	37	6135	-78.20	-2.20	-76.00	-62.00	14.00
	HE160	47	6110	-77.69	-2.20	-75.49	-62.00	13.49
			6185	-74.46	-2.20	-72.26	-62.00	10.26
			6250	-78.74	-2.20	-76.54	-62.00	14.54
UNII 6	HE20	101	6455	-78.02	-3.10	-74.92	-62.00	12.92
	HE160	111	6430	-78.62	-3.10	-75.52	-62.00	13.52
			6505	-75.42	-3.10	-72.32	-62.00	10.32
			6580	-78.87	-5.20	-73.67	-62.00	11.67
UNII 7	HE20	133	6615	-78.32	-5.20	-73.12	-62.00	11.12
	HE160	143	6590	-78.44	-5.20	-73.24	-62.00	11.24
			6665	-73.90	-6.70	-67.20	-62.00	5.20
			6740	-78.04	-6.70	-71.34	-62.00	9.34
UNII 8	HE20	197	6935	-78.05	-8.30	-69.75	-62.00	7.75
	HE160	207	6910	-77.71	-8.30	-69.41	-62.00	7.41
			6985	-71.92	-8.30	-63.62	-62.00	1.62
			7060	-76.55	-8.30	-68.25	-62.00	6.25

Note:

1. KDB 987594 D02, contention based protocol was tested using an AWGN signal with a bandwidth of 10MHz.
   The amplitude of the signal was increased until detected by the EUT, signaled by theceasing of transmission, marker indicates the point at which the AWGN signal is introduced.
2. Injected Power(dBm) = Actual power of AWGN injected into the antenna port(dBm) + Path Loss(dB)
3. Adjusted Power(dBm) = Injected Power(dBm) – Antenna Gain(dBi)
4. In order to simplify the report, attached were only the worst-case plots.
   Plot & Antenna Gain is described in [UNII 6e] Plot Annex B. Please refer to [UNII 6e] Plot Annex B.

- Detection probability evaluation table Result

Band	BW	Channel No.	Center Frequency (MHz)	Incumbent Frequency (MHz)	Adjusted Power [dBm]	1	2	3	4	5	6	7	8	9	10	AWGN Detection Probability (%)	Limit Probability (%)
UNII 5	HE20	37	6135	6135	-76.00	o	o	o	o	o	o	o	o	o	o	100	90
	HE160	47	6185	6110	-75.49	o	o	o	o	o	o	o	o	o	o	100	90
				6185	-72.26	o	o	o	o	o	o	o	o	o	o	100	90
				6250	-76.54	o	o	o	o	o	o	o	o	o	o	100	90
UNII 6	HE20	101	6455	6455	-74.92	o	o	o	o	o	o	o	o	o	o	100	90
	HE160	111	6505	6430	-75.52	o	o	o	o	o	o	o	o	o	o	100	90
				6505	-72.32	o	o	o	o	o	o	o	o	o	o	100	90
				6580	-73.67	o	o	o	o	o	o	o	o	o	o	100	90
UNII 7	HE20	133	6615	6615	-73.12	o	o	o	o	o	o	o	o	o	o	100	90
	HE160	143	6665	6590	-73.24	o	o	o	o	o	o	o	o	o	o	100	90
				6665	-67.20	o	o	o	o	o	o	o	o	o	o	100	90
				6740	-71.34	o	o	o	o	o	o	o	o	o	o	100	90
UNII 8	HE20	197	6935	6935	-69.75	o	o	o	o	o	o	o	o	o	o	100	90
	HE160	207	6985	6910	-69.41	o	o	o	o	o	o	o	o	o	o	100	90
				6985	-63.62	o	o	o	o	o	o	o	o	o	o	100	90
				7060	-68.25	o	o	o	o	o	o	o	o	o	o	100	90

10.7 RADIATED SPURIOUS EMISSIONS (9 kHz – 1 GHz)

Frequency Range : 9 kHz – 30 MHz

Frequency	Measured Value	A.F+C.L-A.G+D.F	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 = 40log (specific distance / test distance) (dB)
3. Limit line = specific Limits (dBµV) + Distance extrapolation factor

Frequency Range : Below 1 GHz

Frequency	Measured Value	A.F+C.L	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)

1) 802.11a (SISO)

Band :	UNII 5
Operation Mode:	802.11a
Transfer Rate:	6 Mbps
Operating Frequency	5955 MHz
Channel No.	1 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11910	43.32	0.00	8.19	V	51.51	73.98	22.47	PK
11910	31.22	0.28	8.19	V	39.69	53.98	14.29	AV
17865	40.51	0.00	16.66	V	57.17	73.98	16.81	PK
17865	28.31	0.28	16.66	V	45.25	53.98	8.73	AV
11910	43.42	0.00	8.19	H	51.61	73.98	22.37	PK
11910	31.32	0.28	8.19	H	39.79	53.98	14.19	AV
17865	40.67	0.00	16.66	H	57.33	73.98	16.65	PK
17865	28.42	0.28	16.66	H	45.36	53.98	8.62	AV

Band :	UNII 5
Operation Mode:	802.11a
Transfer Rate:	6 Mbps
Operating Frequency	6175 MHz
Channel No.	45 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12350	42.48	0.00	9.17	V	51.65	73.98	22.33	PK
12350	30.32	0.28	9.17	V	39.77	53.98	14.21	AV
18525	52.51	0.00	0.06	V	52.57	73.98	21.41	PK
18525	40.68	0.28	0.06	V	41.02	53.98	12.96	AV
12350	42.61	0.00	9.17	H	51.78	73.98	22.20	PK
12350	30.51	0.28	9.17	H	39.96	53.98	14.02	AV
18525	52.71	0.00	0.06	H	52.77	73.98	21.21	PK
18525	40.81	0.28	0.06	H	41.15	53.98	12.83	AV

Band :	UNII 5
Operation Mode:	802.11a
Transfer Rate:	6 Mbps
Operating Frequency	6415 MHz
Channel No.	93 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12830	41.55	0.00	10.46	V	52.01	68.23	16.22	PK
19245	50.89	0.00	1.40	V	52.29	73.98	21.69	PK
19245	38.68	0.28	1.40	V	40.36	53.98	13.62	AV
12830	41.78	0.00	10.46	H	52.24	68.23	15.99	PK
19245	51.02	0.00	1.40	H	52.42	73.98	21.56	PK
19245	38.85	0.28	1.40	H	40.53	53.98	13.45	AV

Band :	UNII 6
Operation Mode:	802.11a
Transfer Rate:	6 Mbps
Operating Frequency	6435 MHz
Channel No.	97 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12870	41.02	0.00	11.30	V	52.32	68.23	15.91	PK
19305	50.22	0.00	1.81	V	52.03	73.98	21.95	PK
19305	38.12	0.28	1.81	V	40.21	53.98	13.77	AV
12870	41.28	0.00	11.30	H	52.58	68.23	15.65	PK
19305	50.40	0.00	1.81	H	52.21	73.98	21.77	PK
19305	38.30	0.28	1.81	H	40.39	53.98	13.59	AV

Band :	UNII 6
Operation Mode:	802.11a
Transfer Rate:	6 Mbps
Operating Frequency	6475 MHz
Channel No.	105 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12950	40.41	0.00	11.65	V	52.06	68.23	16.17	PK
19425	49.48	0.00	2.72	V	52.20	73.98	21.78	PK
19425	37.78	0.28	2.72	V	40.78	53.98	13.20	AV
12950	40.59	0.00	11.65	H	52.24	68.23	15.99	PK
19425	49.60	0.00	2.72	H	52.32	73.98	21.66	PK
19425	37.94	0.28	2.72	H	40.94	53.98	13.04	AV

Band :	UNII 6
Operation Mode:	802.11a
Transfer Rate:	6 Mbps
Operating Frequency	6515 MHz
Channel No.	113 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13030	41.51	0.00	11.13	V	52.64	68.23	15.59	PK
19545	48.98	0.00	3.61	V	52.59	73.98	21.39	PK
19545	36.48	0.28	3.61	V	40.37	53.98	13.61	AV
13030	41.72	0.00	11.13	H	52.85	68.23	15.38	PK
19545	49.10	0.00	3.61	H	52.71	73.98	21.27	PK
19545	36.60	0.28	3.61	H	40.49	53.98	13.49	AV

Band :	UNII 7
Operation Mode:	802.11a
Transfer Rate:	6 Mbps
Operating Frequency	6535 MHz
Channel No.	117 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13070	41.22	0.00	11.13	V	52.35	68.23	15.88	PK
19605	48.21	0.00	3.79	V	52.00	73.98	21.98	PK
19605	36.02	0.28	3.79	V	41.09	53.98	12.89	AV
13070	41.36	0.00	11.13	H	52.49	68.23	15.74	PK
19605	48.43	0.00	3.79	H	52.22	73.98	21.76	PK
19605	36.28	0.28	3.79	H	40.35	53.98	13.63	AV

Band :	UNII 7
Operation Mode:	802.11a
Transfer Rate:	6 Mbps
Operating Frequency	6695 MHz
Channel No.	149 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13390	40.78	0.00	12.07	V	52.85	73.98	21.13	PK
13390	28.55	0.28	12.07	V	40.90	53.98	13.08	AV
20085	46.51	0.00	6.22	V	52.73	73.98	21.25	PK
20085	33.99	0.28	6.22	V	40.49	53.98	13.49	AV
13390	40.86	0.00	12.07	H	52.93	73.98	21.05	PK
13390	28.78	0.28	12.07	H	41.13	53.98	12.85	AV
20085	46.61	0.00	6.22	H	52.83	73.98	21.15	PK
20085	34.18	0.28	6.22	H	40.68	53.98	13.30	AV

Band :	UNII 7
Operation Mode:	802.11a
Transfer Rate:	6 Mbps
Operating Frequency	6855 MHz
Channel No.	181 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13710	41.12	0.00	12.54	V	53.66	68.23	14.57	PK
20565	45.89	0.00	7.08	V	52.97	73.98	21.01	PK
20565	33.87	0.28	7.08	V	41.23	53.98	12.75	AV
13710	41.32	0.00	12.54	H	53.86	68.23	14.37	PK
20565	33.94	0.00	7.08	H	41.02	73.98	32.96	PK
20565	33.94	0.28	7.08	H	41.30	53.98	12.68	AV

Band :	UNII 8
Operation Mode:	802.11a
Transfer Rate:	6 Mbps
Operating Frequency	6895 MHz
Channel No.	189 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13790	40.95	0.00	12.48	V	53.43	68.23	14.80	PK
20685	45.98	0.00	7.14	V	53.12	73.98	20.86	PK
20685	33.69	0.28	7.14	V	41.11	53.98	12.87	AV
13790	41.11	0.00	12.48	H	53.59	68.23	14.64	PK
20685	46.10	0.00	7.14	H	53.24	73.98	20.74	PK
20685	33.84	0.28	7.14	H	41.26	53.98	12.72	AV

Band :	UNII 8
Operation Mode:	802.11a
Transfer Rate:	6 Mbps
Operating Frequency	6995 MHz
Channel No.	209 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13990	40.55	0.00	12.38	V	52.93	68.23	15.30	PK
20985	46.44	0.00	7.03	V	53.47	73.98	20.51	PK
20985	34.12	0.28	7.03	V	41.43	53.98	12.55	AV
13990	40.67	0.00	12.38	H	53.05	68.23	15.18	PK
20985	46.63	0.00	7.03	H	53.66	73.98	20.32	PK
20985	34.37	0.28	7.03	H	41.68	53.98	12.30	AV

Band :	UNII 8
Operation Mode:	802.11a
Transfer Rate:	6 Mbps
Operating Frequency	7115 MHz
Channel No.	233 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
14230	40.42	0.00	13.34	V	53.76	68.23	14.47	PK
21345	47.78	0.00	6.02	V	53.80	73.98	20.18	PK
21345	35.12	0.28	6.02	V	41.42	53.98	12.56	AV
14230	40.51	0.00	13.34	H	53.85	68.23	14.38	PK
21345	47.93	0.00	6.02	H	53.95	73.98	20.03	PK
21345	35.36	0.28	6.02	H	41.66	53.98	12.32	AV

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Band :	UNII 5
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	5955 MHz
Channel No.	1 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11910	43.35	0.00	8.19	V	51.54	73.98	22.44	PK
11910	32.02	0.11	8.19	V	40.32	53.98	13.66	AV
17865	40.39	0.00	16.66	V	57.05	73.98	16.93	PK
17865	28.32	0.11	16.66	V	45.09	53.98	8.89	AV
11910	43.54	0.00	8.19	H	51.73	73.98	22.25	PK
11910	32.12	0.11	8.19	H	40.42	53.98	13.56	AV
17865	40.45	0.00	16.66	H	57.11	73.98	16.87	PK
17865	28.45	0.11	16.66	H	45.22	53.98	8.76	AV

Band :	UNII 5
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	6175 MHz
Channel No.	45 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12350	42.32	0.00	9.17	V	51.49	73.98	22.49	PK
12350	30.48	0.11	9.17	V	39.76	53.98	14.22	AV
18525	52.55	0.00	0.06	V	52.61	73.98	21.37	PK
18525	40.78	0.11	0.06	V	40.95	53.98	13.03	AV
12350	42.52	0.00	9.17	H	51.69	73.98	22.29	PK
12350	30.57	0.11	9.17	H	39.85	53.98	14.13	AV
18525	52.72	0.00	0.06	H	52.78	73.98	21.20	PK
18525	40.96	0.11	0.06	H	41.13	53.98	12.85	AV

Band :	UNII 5
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	6415 MHz
Channel No.	93 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12830	41.78	0.00	10.46	V	52.24	68.23	15.99	PK
19245	51.02	0.00	1.40	V	52.42	73.98	21.56	PK
19245	38.81	0.11	1.40	V	40.32	53.98	13.66	AV
12830	41.89	0.00	10.46	H	52.35	68.23	15.88	PK
19245	51.35	0.00	1.40	H	52.75	73.98	21.23	PK
19245	38.98	0.11	1.40	H	40.49	53.98	13.49	AV

Band :	UNII 6
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	6435 MHz
Channel No.	97 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12870	41.44	0.00	11.30	V	52.74	68.23	15.49	PK
19305	49.91	0.00	1.81	V	51.72	73.98	22.26	PK
19305	38.41	0.11	1.81	V	40.33	53.98	13.65	AV
12870	41.59	0.00	11.30	H	52.89	68.23	15.34	PK
19305	50.08	0.00	1.81	H	51.89	73.98	22.09	PK
19305	38.58	0.11	1.81	H	40.50	53.98	13.48	AV

Band :	UNII 6
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	6475 MHz
Channel No.	105 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12950	40.12	0.00	11.65	V	51.77	68.23	16.46	PK
19425	49.55	0.00	2.72	V	52.27	73.98	21.71	PK
19425	37.68	0.11	2.72	V	40.51	53.98	13.47	AV
12950	40.38	0.00	11.65	H	52.03	68.23	16.20	PK
19425	49.70	0.00	2.72	H	52.42	73.98	21.56	PK
19425	37.89	0.11	2.72	H	40.72	53.98	13.26	AV

Band :	UNII 6
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	6515 MHz
Channel No.	113 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13030	41.62	0.00	11.13	V	52.75	68.23	15.48	PK
19545	48.22	0.00	3.61	V	51.83	73.98	22.15	PK
19545	36.32	0.11	3.61	V	40.04	53.98	13.94	AV
13030	41.82	0.00	11.13	H	52.95	68.23	15.28	PK
19545	48.41	0.00	3.61	H	52.02	73.98	21.96	PK
19545	36.57	0.11	3.61	H	40.29	53.98	13.69	AV

Band :	UNII 7
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	6535 MHz
Channel No.	117 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13070	41.22	0.00	11.13	V	52.35	68.23	15.88	PK
19605	48.55	0.00	3.79	V	52.34	73.98	21.64	PK
19605	36.02	0.11	3.79	V	41.09	53.98	12.89	AV
13070	41.35	0.00	11.13	H	52.48	68.23	15.75	PK
19605	48.62	0.00	3.79	H	52.41	73.98	21.57	PK
19605	36.19	0.11	3.79	H	40.09	53.98	13.89	AV

Band :	UNII 7
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	6695 MHz
Channel No.	149 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13390	40.22	0.00	12.07	V	52.29	73.98	21.69	PK
13390	27.69	0.11	12.07	V	39.87	53.98	14.11	AV
20085	46.48	0.00	6.22	V	52.70	73.98	21.28	PK
20085	34.02	0.11	6.22	V	40.35	53.98	13.63	AV
13390	40.42	0.00	12.07	H	52.49	73.98	21.49	PK
13390	28.71	0.11	12.07	H	40.89	53.98	13.09	AV
20085	46.58	0.00	6.22	H	52.80	73.98	21.18	PK
20085	34.27	0.11	6.22	H	40.60	53.98	13.38	AV

Band :	UNII 7
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	6855 MHz
Channel No.	181 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13710	41.24	0.00	12.54	V	53.78	68.23	14.45	PK
20565	46.02	0.00	7.08	V	53.10	73.98	20.88	PK
20565	33.78	0.11	7.08	V	40.97	53.98	13.01	AV
13710	41.31	0.00	12.54	H	53.85	68.23	14.38	PK
20565	33.95	0.00	7.08	H	41.03	73.98	32.95	PK
20565	33.95	0.11	7.08	H	41.14	53.98	12.84	AV

Band :	UNII 8
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	6895 MHz
Channel No.	189 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13790	41.02	0.00	12.48	V	53.50	68.23	14.73	PK
20685	46.12	0.00	7.14	V	53.26	73.98	20.72	PK
20685	33.55	0.11	7.14	V	40.80	53.98	13.18	AV
13790	41.16	0.00	12.48	H	53.64	68.23	14.59	PK
20685	46.38	0.00	7.14	H	53.52	73.98	20.46	PK
20685	33.77	0.11	7.14	H	41.02	53.98	12.96	AV

Band :	UNII 8
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	6995 MHz
Channel No.	209 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
13990	40.12	0.00	12.38	V	52.50	68.23	15.73	PK
20985	46.32	0.00	7.03	V	53.35	73.98	20.63	PK
20985	34.12	0.11	7.03	V	41.26	53.98	12.72	AV
13990	40.39	0.00	12.38	H	52.77	68.23	15.46	PK
20985	46.42	0.00	7.03	H	53.45	73.98	20.53	PK
20985	34.33	0.11	7.03	H	41.47	53.98	12.51	AV

Band :	UNII 8
Operation Mode:	802.11ax(HE20)
Transfer MCS Index:	MCS0
Operating Frequency	7115MHz
Channel No.	233 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
14230	40.32	0.00	13.34	V	53.66	68.23	14.57	PK
21345	47.81	0.00	6.02	V	53.83	73.98	20.15	PK
21345	35.12	0.11	6.02	V	41.25	53.98	12.73	AV
14230	40.55	0.00	13.34	H	53.89	68.23	14.34	PK
21345	47.92	0.00	6.02	H	53.94	73.98	20.04	PK
21345	35.32	0.11	6.02	H	41.45	53.98	12.53	AV

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Band :	UNII 5
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	5965 MHz
Channel No.	3 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11930	43.02	0.00	7.90	V	50.92	73.98	23.06	PK
11930	29.98	0.17	7.90	V	38.05	53.98	15.93	AV
17895	40.41	0.00	16.56	V	56.97	73.98	17.01	PK
17895	28.02	0.17	16.56	V	44.75	53.98	9.23	AV
11930	43.15	0.00	7.90	H	51.05	73.98	22.93	PK
11930	31.11	0.17	7.90	H	39.18	53.98	14.80	AV
17895	40.51	0.00	16.56	H	57.07	73.98	16.91	PK
17895	28.19	0.17	16.56	H	44.92	53.98	9.06	AV

Band :	UNII 5
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	6165 MHz
Channel No.	43 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12330	42.78	0.00	8.96	V	51.74	73.98	22.24	PK
12330	30.48	0.17	8.96	V	39.61	53.98	14.37	AV
18495	52.21	0.00	0.12	V	52.33	73.98	21.65	PK
18495	40.49	0.17	0.12	V	40.78	53.98	13.20	AV
12330	42.99	0.00	8.96	H	51.95	73.98	22.03	PK
12330	30.62	0.17	8.96	H	39.75	53.98	14.23	AV
18495	52.41	0.00	0.12	H	52.53	73.98	21.45	PK
18495	40.61	0.17	0.12	H	40.90	53.98	13.08	AV

Band :	UNII 5
Operation Mode:	802.11ax(HE40)
Transfer MCS Index:	MCS0
Operating Frequency	6405 MHz
Channel No.	91 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12810	42.02	0.00	10.28	V	52.30	68.23	15.93	PK
19215	51.53	0.00	1.28	V	52.81	73.98	21.17	PK
19215	38.88	0.17	1.28	V	40.33	53.98	13.65	AV
12810	42.16	0.00	10.28	H	52.44	68.23	15.79	PK
19215	51.67	0.00	1.28	H	52.95	73.98	21.03	PK
19215	39.07	0.17	1.28	H	40.52	53.98	13.46	AV

4) 996 Tone RU 67 (MIMO)

Band :	UNII 5
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	5985 MHz
Channel No.	7 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
11970	43.12	0.00	8.12	V	51.24	73.98	22.74	PK
11970	30.55	0.27	8.12	V	38.94	53.98	15.04	AV
17955	40.32	0.00	17.66	V	57.98	73.98	16.00	PK
17955	27.77	0.27	17.66	V	45.70	53.98	8.28	AV
11970	43.25	0.00	8.12	H	51.37	73.98	22.61	PK
11970	30.75	0.27	8.12	H	39.14	53.98	14.84	AV
17955	40.41	0.00	17.66	H	58.07	73.98	15.91	PK
17955	27.96	0.27	17.66	H	45.89	53.98	8.09	AV

Band :	UNII 5
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	6145 MHz
Channel No.	39 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12290	42.41	0.00	9.09	V	51.50	73.98	22.48	PK
12290	30.78	0.27	9.09	V	40.14	53.98	13.84	AV
18435	51.78	0.00	0.41	V	52.19	73.98	21.79	PK
18435	39.99	0.27	0.41	V	40.67	53.98	13.31	AV
12290	30.85	0.00	9.09	H	39.94	73.98	34.04	PK
12290	30.85	0.27	9.09	H	40.21	53.98	13.77	AV
18435	51.92	0.00	0.41	H	52.33	73.98	21.65	PK
18435	40.02	0.27	0.41	H	40.70	53.98	13.28	AV

Band :	UNII 5
Operation Mode:	802.11ax(HE80)
Transfer MCS Index:	MCS0
Operating Frequency	6385 MHz
Channel No.	87 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12770	42.48	0.00	10.03	V	52.51	68.23	15.72	PK
19155	51.51	0.00	0.87	V	52.38	73.98	21.60	PK
19155	39.48	0.27	0.87	V	40.62	53.98	13.36	AV
12770	42.62	0.00	10.03	H	52.65	68.23	15.58	PK
19155	51.67	0.00	0.87	H	52.54	73.98	21.44	PK
19155	39.65	0.27	0.87	H	40.79	53.98	13.19	AV

5) SU (MIMO)

Band :	UNII 5
Operation Mode:	802.11ax(HE160)
Transfer MCS Index:	MCS0
Operating Frequency	6025 MHz
Channel No.	15 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12050	42.55	0.00	8.85	V	51.40	73.98	22.58	PK
12050	30.55	0.00	8.85	V	39.40	53.98	14.58	AV
18075	50.02	0.00	2.32	V	52.34	73.98	21.64	PK
18075	37.68	0.00	2.32	V	40.00	53.98	13.98	AV
12050	42.67	0.00	8.85	H	51.52	73.98	22.46	PK
12050	30.77	0.00	8.85	H	39.62	53.98	14.36	AV
18075	50.18	0.00	2.32	H	52.50	73.98	21.48	PK
18075	37.86	0.00	2.32	H	40.18	53.98	13.80	AV

Band :	UNII 5
Operation Mode:	802.11ax(HE160)
Transfer MCS Index:	MCS0
Operating Frequency	6185 MHz
Channel No.	47 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12370	43.12	0.00	9.38	V	52.50	73.98	21.48	PK
12370	30.68	0.00	9.38	V	40.06	53.98	13.92	AV
18555	53.48	0.00	-0.09	V	53.39	73.98	20.59	PK
18555	40.91	0.00	-0.09	V	40.82	53.98	13.16	AV
12370	30.85	0.00	9.38	H	40.23	73.98	33.75	PK
12370	30.85	0.00	9.38	H	40.23	53.98	13.75	AV
18555	53.51	0.00	-0.09	H	53.42	73.98	20.56	PK
18555	41.02	0.00	-0.09	H	40.93	53.98	13.05	AV

Band :	UNII 5
Operation Mode:	802.11ax(HE160)
Transfer MCS Index:	MCS0
Operating Frequency	6345 MHz
Channel No.	79 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L-A.G+D.F [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
12690	42.78	0.00	9.30	V	52.08	73.98	21.90	PK
12690	30.55	0.00	9.30	V	39.85	53.98	14.13	AV
19035	51.99	0.00	0.21	V	52.20	73.98	21.78	PK
19035	39.89	0.00	0.21	V	40.10	53.98	13.88	AV
12690	42.97	0.00	9.30	H	52.27	73.98	21.71	PK
12690	30.78	0.00	9.30	H	40.08	53.98	13.90	AV
19035	52.03	0.00	0.21	H	52.24	73.98	21.74	PK
19035	40.02	0.00	0.21	H	40.23	53.98	13.75	AV

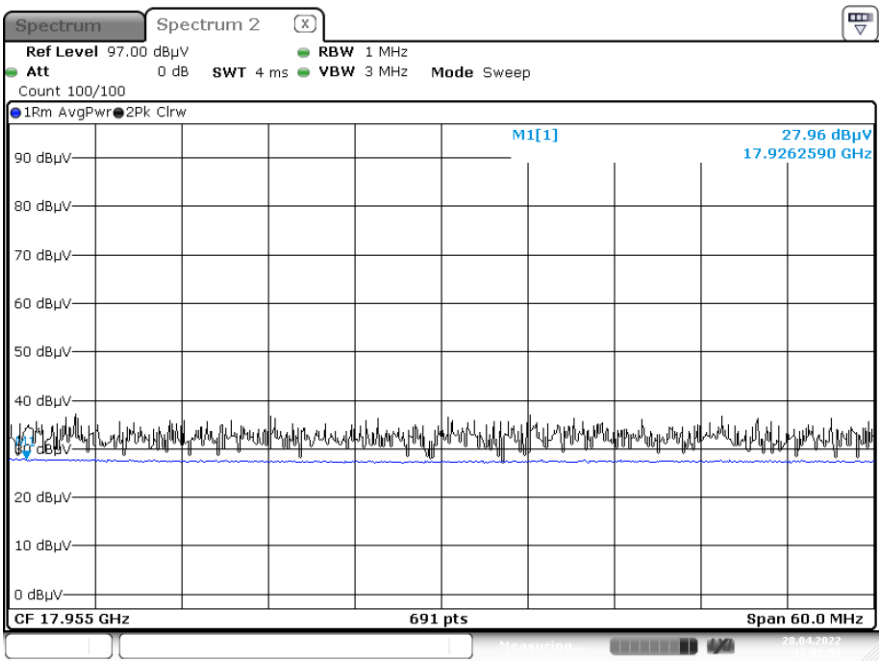
Note:

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.

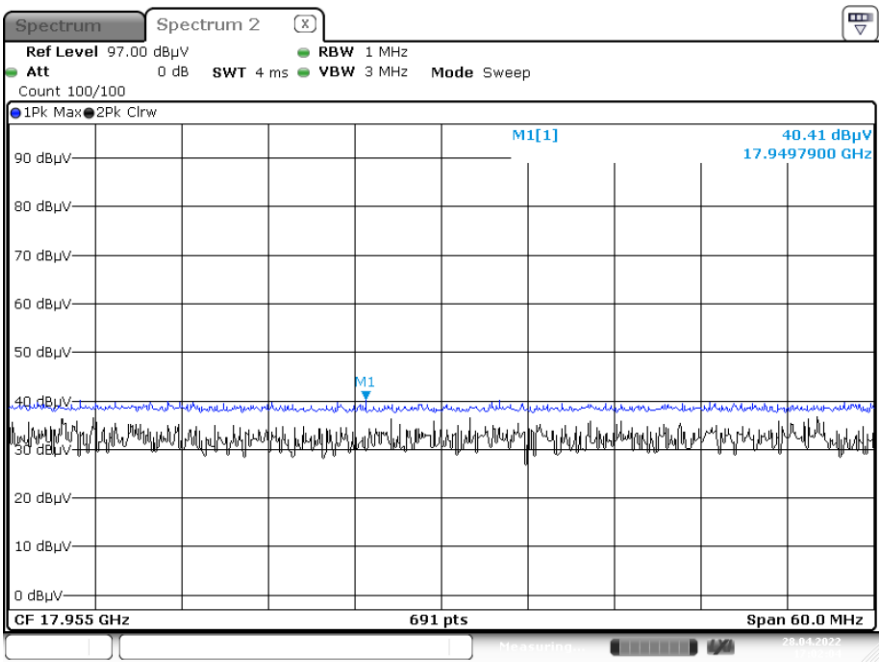
[MIMO]

▣ Test Plots_996 Tone RU 67

Average result (802.11ax(HE80), Ch.7 3rd Harmonic, X-H)



Peak result (802.11ax(HE80), Ch.7 3rd Harmonic, X-H)



Note:

Only the worst case plots for Radiated Spurious Emissions.

10.9 RADIATED RESTRICTED BAND EDGE

[SISO] 802.11a

1) 802.11a

Band :	UNII 5
Operation Mode:	802.11a
Transfer Rate:	6 Mbps
Operating Frequency	5955 MHz
Channel No.	1 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5925	40.41	0.00	9.16	H	49.57	88.23	38.66	PK
5925	28.48	0.28	9.16	H	37.92	68.23	30.31	AV
5925	40.57	0.00	9.16	H	49.73	88.23	38.50	PK
5925	28.68	0.28	9.16	H	38.12	68.23	30.11	AV
5350~5460	39.51	0.00	8.98	H	48.49	73.98	25.49	PK
5350~5460	28.33	0.28	8.98	H	37.59	53.98	16.39	AV
5350~5460	39.69	0.00	8.98	V	48.67	73.98	25.31	PK
5350~5460	28.49	0.28	8.98	V	37.75	53.98	16.23	AV

Band :	UNII 8
Operation Mode:	802.11a
Transfer Rate:	6 Mbps
Operating Frequency	7115 MHz
Channel No.	233 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
#7125.5	52.76	0.00	13.60	H	66.36	88.23	21.87	PK
#7125.5	42.23	0.28	13.60	H	56.11	68.23	12.12	AV
#7126.5	46.55	0.00	13.60	H	60.15	88.23	28.08	PK
#7126.5	36.18	0.28	13.60	H	50.06	68.23	18.17	AV
7127.0	47.55	0.00	13.60	H	61.15	88.23	27.08	PK
7127.0	32.98	0.28	13.60	H	46.86	68.23	21.37	AV
7250.0	37.49	0.00	13.91	H	51.40	73.98	22.58	PK
7250.0	26.55	0.28	13.91	H	40.74	53.98	13.24	AV
7250.0	37.23	0.00	13.91	V	51.14	73.98	22.84	PK
7250.0	26.44	0.28	13.91	V	40.63	53.98	13.35	AV

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

[MIMO]

2) 802.11ax(HE20) 26 Tone

Band :	UNII 5
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5955 MHz
Channel No.	1 Ch
RU Size	0

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5925	39.55	0.00	9.16	H	48.71	88.23	39.52	PK
5925	28.12	0.00	9.16	H	37.28	68.23	30.95	AV
5925	39.73	0.00	9.16	V	48.89	88.23	39.34	PK
5925	28.28	0.00	9.16	V	37.44	68.23	30.79	AV
5350~5460	40.02	0.00	8.98	H	49.00	73.98	24.98	PK
5350~5460	28.22	0.00	8.98	H	37.20	53.98	16.78	AV
5350~5460	40.29	0.00	8.98	V	49.27	73.98	24.71	PK
5350~5460	28.38	0.00	8.98	V	37.36	53.98	16.62	AV

Band :	UNII 8
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	7115 MHz
Channel No.	233 Ch
RU Size	8

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
#7125.5	61.94	0.00	13.60	H	75.54	88.23	12.69	PK
#7125.5	46.13	0.00	13.60	H	59.73	68.23	8.50	AV
#7126.5	54.69	0.00	13.60	H	68.29	88.23	19.94	PK
#7126.5	40.28	0.00	13.60	H	53.88	68.23	14.35	AV
7127.0	61.09	0.00	13.60	H	74.69	88.23	13.54	PK
7127.0	38.85	0.00	13.60	H	52.45	68.23	15.78	AV
7250.0	37.97	0.00	13.91	H	51.88	73.98	22.10	PK
7250.0	26.36	0.00	13.91	H	40.27	53.98	13.71	AV
7250.0	37.75	0.00	13.91	V	51.66	73.98	22.32	PK
7250.0	26.22	0.00	13.91	V	40.13	53.98	13.85	AV

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

3) 802.11ax(HE20) 52 Tone

Band :	UNII 5
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5955 MHz
Channel No.	1 Ch
RU Size	37

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5925	39.78	0.00	9.16	H	48.94	88.23	39.29	PK
5925	28.22	0.00	9.16	H	37.38	68.23	30.85	AV
5925	39.90	0.00	9.16	V	49.06	88.23	39.17	PK
5925	28.36	0.00	9.16	V	37.52	68.23	30.71	AV
5350~5460	38.41	0.00	8.98	H	47.39	73.98	26.59	PK
5350~5460	28.02	0.00	8.98	H	37.00	53.98	16.98	AV
5350~5460	39.58	0.00	8.98	V	48.56	73.98	25.42	PK
5350~5460	28.21	0.00	8.98	V	37.19	53.98	16.79	AV

Band :	UNII 8
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	7115 MHz
Channel No.	233 Ch
RU Size	40

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
#7125.5	58.46	0.00	13.60	H	72.06	88.23	16.17	PK
#7125.5	45.74	0.00	13.60	H	59.34	68.23	8.89	AV
#7126.5	52.12	0.00	13.60	H	65.72	88.23	22.51	PK
#7126.5	39.22	0.00	13.60	H	52.82	68.23	15.41	AV
7127.0	59.14	0.00	13.60	H	72.74	88.23	15.49	PK
7127.0	36.21	0.00	13.60	H	49.81	68.23	18.42	AV
7250.0	37.79	0.00	13.91	H	51.70	73.98	22.28	PK
7250.0	26.44	0.00	13.91	H	40.35	53.98	13.63	AV
7250.0	37.68	0.00	13.91	V	51.59	73.98	22.39	PK
7250.0	26.32	0.00	13.91	V	40.23	53.98	13.75	AV

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

4) 802.11ax(HE20) 106 Tone

Band :	UNII 5
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5955 MHz
Channel No.	1 Ch
RU Size	53

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5925	39.89	0.00	9.16	H	49.05	88.23	39.18	PK
5925	28.22	0.00	9.16	H	37.38	68.23	30.85	AV
5925	40.03	0.00	9.16	V	49.19	88.23	39.04	PK
5925	28.37	0.00	9.16	V	37.53	68.23	30.70	AV
5350~5460	38.32	0.00	8.98	H	47.30	73.98	26.68	PK
5350~5460	28.12	0.00	8.98	H	37.10	53.98	16.88	AV
5350~5460	39.54	0.00	8.98	V	48.52	73.98	25.46	PK
5350~5460	28.33	0.00	8.98	V	37.31	53.98	16.67	AV

Band :	UNII 8
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	7115 MHz
Channel No.	233 Ch
RU Size	54

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
#7125.5	59.66	0.00	13.60	H	73.26	88.23	14.97	PK
#7125.5	46.92	0.00	13.60	H	60.52	68.23	7.71	AV
#7126.5	53.06	0.00	13.60	H	66.66	88.23	21.57	PK
#7126.5	40.31	0.00	13.60	H	53.91	68.23	14.32	AV
7127.0	59.12	0.00	13.60	H	72.72	88.23	15.51	PK
7127.0	38.21	0.00	13.60	H	51.81	68.23	16.42	AV
7250.0	38.43	0.00	13.91	H	52.34	73.98	21.64	PK
7250.0	26.26	0.00	13.91	H	40.17	53.98	13.81	AV
7250.0	38.01	0.00	13.91	V	51.92	73.98	22.06	PK
7250.0	26.20	0.00	13.91	V	40.11	53.98	13.87	AV

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

5) 802.11ax(HE20) 242 Tone

Band :	UNII 5
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5955 MHz
Channel No.	1 Ch
RU Size	61

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5925	40.71	0.00	9.16	H	49.87	88.23	38.36	PK
5925	28.68	0.11	9.16	H	37.95	68.23	30.28	AV
5925	40.88	0.00	9.16	V	50.04	88.23	38.19	PK
5925	28.85	0.11	9.16	V	38.12	68.23	30.11	AV
5350~5460	39.55	0.00	8.98	H	48.53	73.98	25.45	PK
5350~5460	28.22	0.11	8.98	H	37.31	53.98	16.67	AV
5350~5460	39.67	0.00	8.98	V	48.65	73.98	25.33	PK
5350~5460	28.38	0.11	8.98	V	37.47	53.98	16.51	AV

Band :	UNII 8
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	7115 MHz
Channel No.	233 Ch
RU Size	61

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
#7125.5	57.62	0.00	13.60	H	71.22	88.23	17.01	PK
#7125.5	46.42	0.11	13.60	H	60.13	68.23	8.10	AV
#7126.5	51.55	0.00	13.60	H	65.15	88.23	23.08	PK
#7126.5	39.86	0.11	13.60	H	53.57	68.23	14.66	AV
7127.0	58.35	0.00	13.60	H	71.95	88.23	16.28	PK
7127.0	37.52	0.11	13.60	H	51.23	68.23	17.00	AV
7250.0	37.79	0.00	13.91	H	51.70	73.98	22.28	PK
7250.0	26.35	0.11	13.91	H	40.37	53.98	13.61	AV
7250.0	37.68	0.00	13.91	V	51.59	73.98	22.39	PK
7250.0	26.29	0.11	13.91	V	40.31	53.98	13.67	AV

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

6) 802.11ax(HE20) SU

Band :	UNII 5
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	5955 MHz
Channel No.	1 Ch

Frequency [MHz]	Measured Value [dBμV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5925	40.45	0.00	9.16	H	49.61	88.23	38.62	PK
5925	28.41	0.00	9.16	H	37.57	68.23	30.66	AV
5925	40.51	0.00	9.16	V	49.67	88.23	38.56	PK
5925	28.57	0.00	9.16	H	37.73	68.23	30.50	AV
5350~5460	39.48	0.00	8.98	H	48.46	73.98	25.52	PK
5350~5460	28.32	0.00	8.98	H	37.30	53.98	16.68	AV
5350~5460	39.56	0.00	8.98	V	48.54	73.98	25.44	PK
5350~5460	28.44	0.00	8.98	V	37.42	53.98	16.56	AV

Band :	UNII 8
Operation Mode:	802.11ax(HE20)
Transfer Rate:	MCS0
Operating Frequency	7115 MHz
Channel No.	233 Ch

Frequency [MHz]	Measured Value [dBμV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
#7125.5	59.58	0.00	13.60	H	73.18	88.23	15.05	PK
#7125.5	46.41	0.00	13.60	H	60.01	68.23	8.22	AV
#7126.5	52.70	0.00	13.60	H	66.30	88.23	21.93	PK
#7126.5	41.13	0.00	13.60	H	54.73	68.23	13.50	AV
7127.0	59.08	0.00	13.60	H	72.68	88.23	15.55	PK
7127.0	39.56	0.00	13.60	H	53.16	68.23	15.07	AV
7250.0	37.67	0.00	13.91	H	51.58	73.98	22.40	PK
7250.0	26.58	0.00	13.91	H	40.49	53.98	13.49	AV
7250.0	37.55	0.00	13.91	V	51.46	73.98	22.52	PK
7250.0	26.48	0.00	13.91	V	40.39	53.98	13.59	AV

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

7) 802.11ax(HE40) 484 Tone

Band :	UNII 5
Operation Mode:	802.11ax(HE40)
Transfer Rate:	MCS0
Operating Frequency	5965 MHz
Channel No.	3 Ch
RU Size	65

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5925.0	41.98	0.00	9.16	H	51.14	88.23	37.09	PK
5925.0	29.12	0.17	9.16	H	38.45	68.23	29.78	AV
5925.0	42.21	0.00	9.16	V	51.37	88.23	36.86	PK
5925.0	29.22	0.17	9.16	V	38.55	68.23	29.68	AV

Band :	UNII 8
Operation Mode:	802.11ax(HE40)
Transfer Rate:	MCS0
Operating Frequency	7085 MHz
Channel No.	227 Ch
RU Size	65

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7215.0	36.34	0.00	13.60	H	49.94	88.23	38.29	PK
7215.0	25.55	0.17	13.60	H	39.32	68.23	28.91	AV
7250.0	38.07	0.00	13.91	H	51.98	73.98	22.00	PK
7250.0	26.55	0.17	13.91	H	40.63	53.98	13.35	AV
7215.0	36.22	0.00	13.60	V	49.82	88.23	38.41	PK
7215.0	25.41	0.17	14.30	V	39.88	68.23	28.35	AV
7250.0	37.99	0.00	13.91	V	51.90	73.98	22.08	PK
7250.0	26.41	0.17	13.91	V	40.49	53.98	13.49	AV

8) 802.11ax(HE40) SU

Band :	UNII 5
Operation Mode:	802.11ax(HE40)
Transfer Rate:	MCS0
Operating Frequency	5965 MHz
Channel No.	3 Ch

Frequency [MHz]	Measured Value [dBμV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
5925.0	41.11	0.00	9.16	H	50.27	88.23	37.96	PK
5925.0	29.02	0.00	9.16	H	38.18	68.23	30.05	AV
5925.0	41.25	0.00	9.16	V	50.41	88.23	37.82	PK
5925.0	29.25	0.00	9.16	V	38.41	68.23	29.82	AV

Band :	UNII 8
Operation Mode:	802.11ax(HE40)
Transfer Rate:	MCS0
Operating Frequency	7085 MHz
Channel No.	227 Ch

Frequency [MHz]	Measured Value [dBμV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
7215.0	36.68	0.00	13.60	H	50.28	88.23	37.95	PK
7215.0	25.71	0.00	13.60	H	39.31	68.23	28.92	AV
7250.0	37.99	0.00	13.91	H	51.90	73.98	22.08	PK
7250.0	26.51	0.00	13.91	H	40.42	53.98	13.56	AV
7215.0	36.51	0.00	13.60	V	50.11	88.23	38.12	PK
7215.0	25.62	0.00	13.60	V	39.22	68.23	29.01	AV
7250.0	37.88	0.00	13.91	V	51.79	73.98	22.19	PK
7250.0	26.48	0.00	13.91	V	40.39	53.98	13.59	AV

9) 802.11ax(HE80) 996 Tone

Band :	UNII 5
Operation Mode:	802.11ax(HE80)
Transfer Rate:	MCS0
Operating Frequency	5985 MHz
Channel No.	7 Ch
RU Size	67

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5925.0	42.11	0.00	9.16	H	51.27	88.23	36.96	PK
5925.0	29.22	0.27	9.16	H	38.65	68.23	29.58	AV
5925.0	42.23	0.00	9.16	V	51.39	88.23	36.84	PK
5925.0	29.42	0.27	9.16	V	38.85	68.23	29.38	AV

Band :	UNII 8
Operation Mode:	802.11ax(HE80)
Transfer Rate:	MCS0
Operating Frequency	7025 MHz
Channel No.	215 Ch
RU Size	67

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7215.0	36.44	0.00	13.60	H	50.04	88.23	38.19	PK
7215.0	25.44	0.27	13.60	H	39.31	68.23	28.92	AV
7250.0	38.48	0.00	13.91	H	52.39	73.98	21.59	PK
7250.0	26.32	0.27	13.91	H	40.50	53.98	13.48	AV
7215.0	36.32	0.00	13.60	V	49.92	88.23	38.31	PK
7215.0	25.21	0.27	13.60	V	39.08	68.23	29.15	AV
7250.0	38.33	0.00	13.91	V	52.24	73.98	21.74	PK
7250.0	26.22	0.27	13.91	V	40.40	53.98	13.58	AV

10) 802.11ax(HE80) SU

Band :	UNII 5
Operation Mode:	802.11ax(HE80)
Transfer Rate:	MCS0
Operating Frequency	5985 MHz
Channel No.	7 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5925.0	42.11	0.00	9.16	H	51.27	88.23	36.96	PK
5925.0	29.32	0.00	9.16	H	38.48	68.23	29.75	AV
5925.0	42.33	0.00	9.16	V	51.49	88.23	36.74	PK
5925.0	29.49	0.00	9.16	V	38.65	68.23	29.58	AV

Band :	UNII 8
Operation Mode:	802.11ax(HE80)
Transfer Rate:	MCS0
Operating Frequency	7025 MHz
Channel No.	215 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7215.0	36.68	0.00	13.60	H	50.28	88.23	37.95	PK
7215.0	25.45	0.00	13.60	H	39.05	68.23	29.18	AV
7250.0	38.80	0.00	13.91	H	52.71	73.98	21.27	PK
7250.0	26.42	0.00	13.91	H	40.33	53.98	13.65	AV
7215.0	36.55	0.00	13.60	V	50.15	88.23	38.08	PK
7215.0	25.32	0.00	13.60	V	38.92	68.23	29.31	AV
7250.0	38.78	0.00	13.91	V	52.69	73.98	21.29	PK
7250.0	26.33	0.00	13.91	V	40.24	53.98	13.74	AV

11) 802.11ax(HE160) 996 Tone

Band :	UNII 5
Operation Mode:	802.11ax(HE160)_80L
Transfer Rate:	MCS0
Operating Frequency	6025 MHz
Channel No.	15 Ch
RU Size	67

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5925.0	50.22	0.00	9.16	H	59.38	88.23	28.85	PK
5925.0	30.78	0.32	9.16	H	40.26	68.23	27.97	AV
5925.0	50.53	0.00	9.16	V	59.69	88.23	28.54	PK
5925.0	30.98	0.32	9.16	V	40.46	68.23	27.77	AV

Band :	UNII 8
Operation Mode:	802.11ax(HE160)_80U
Transfer Rate:	MCS0
Operating Frequency	6985 MHz
Channel No.	207 Ch
RU Size	67

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7215.0	42.76	0.00	13.60	H	56.36	88.23	31.87	PK
7215.0	25.85	0.32	13.60	H	39.77	68.23	28.46	AV
7250.0	37.43	0.00	13.91	H	51.34	73.98	22.64	PK
7250.0	26.45	0.32	13.91	H	40.68	53.98	13.30	AV
7215.0	42.65	0.00	13.60	V	56.25	88.23	31.98	PK
7215.0	25.71	0.32	13.60	V	39.63	68.23	28.60	AV
7250.0	37.33	0.00	13.91	V	51.24	73.98	22.74	PK
7250.0	26.32	0.32	13.91	V	40.55	53.98	13.43	AV

12) 802.11ax(HE160) SU

Band :	UNII 5
Operation Mode:	802.11ax(HE160)
Transfer Rate:	MCS0
Operating Frequency	6025 MHz
Channel No.	15 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
5925.0	41.61	0.00	9.16	H	50.77	88.23	37.46	PK
5925.0	29.22	0.00	9.16	H	38.38	68.23	29.85	AV
5925.0	41.71	0.00	9.16	V	50.87	88.23	37.36	PK
5925.0	29.35	0.00	9.16	V	38.51	68.23	29.72	AV

Band :	UNII 8
Operation Mode:	802.11ax(HE160)
Transfer Rate:	MCS0
Operating Frequency	6985 MHz
Channel No.	207 Ch

Frequency [MHz]	Measured Value [dBµV]	Duty Cycle Factor	A.F+C.L+D.F-A.G+ATT [dB/m]	ANT. POL [H/V]	Total [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Measurement Type
7215.0	37.05	0.00	13.60	H	50.65	88.23	37.58	PK
7215.0	25.54	0.00	13.60	H	39.14	68.23	29.09	AV
7250.0	37.85	0.00	13.91	H	51.76	73.98	22.22	PK
7250.0	26.42	0.00	13.91	H	40.33	53.98	13.65	AV
7215.0	36.88	0.00	13.60	V	50.48	88.23	37.75	PK
7215.0	25.48	0.00	13.60	V	39.08	68.23	29.15	AV
7250.0	37.55	0.00	13.91	V	51.46	73.98	22.52	PK
7250.0	26.32	0.00	13.91	V	40.23	53.98	13.75	AV

Note:

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

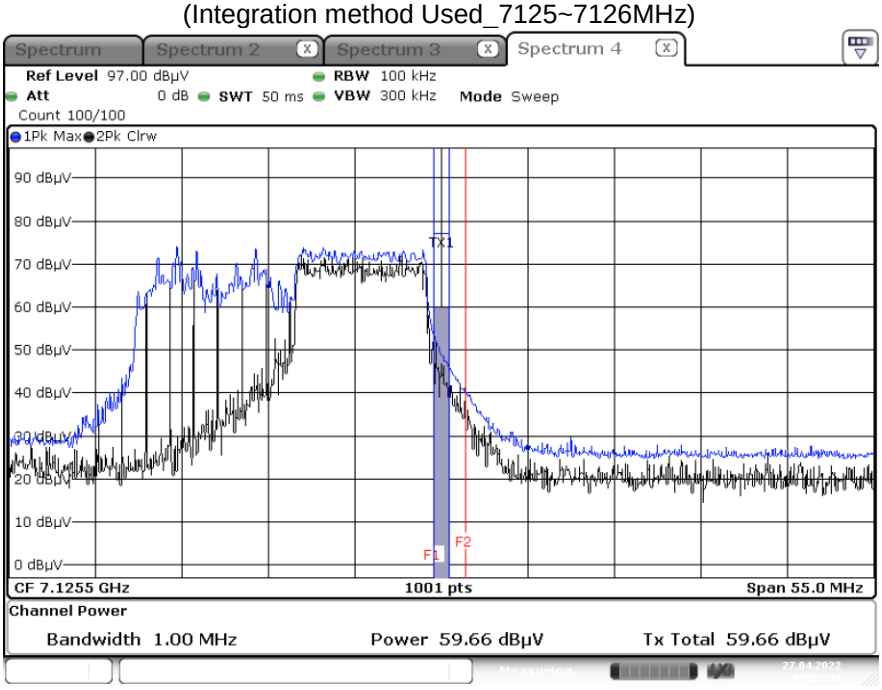
In order to simplify the report, We only have attached Bandedge result of worst case.

: integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii))

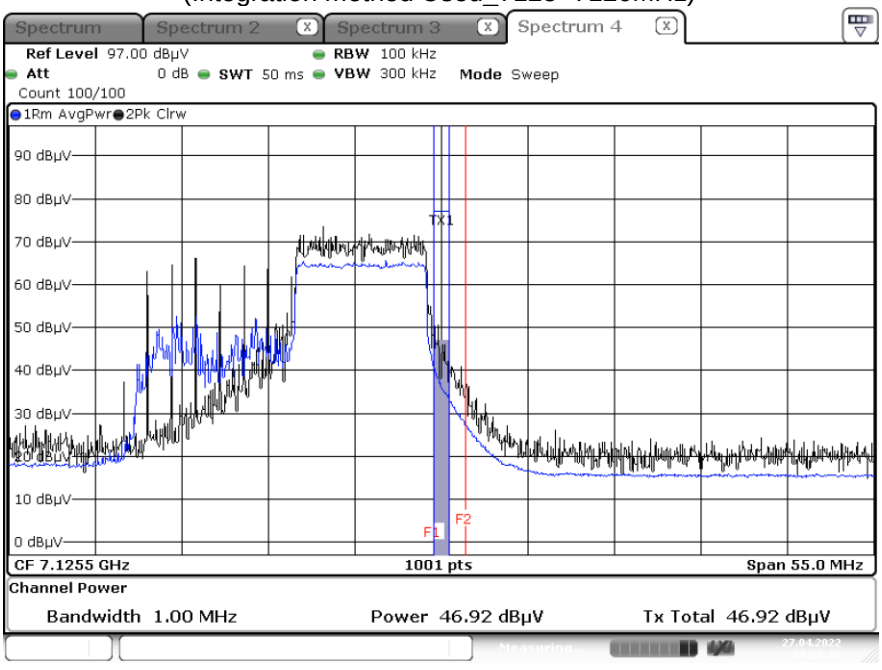
▣ Test Plots(UNII 8)_High Edge

[MIMO]_106 Tone RU 54

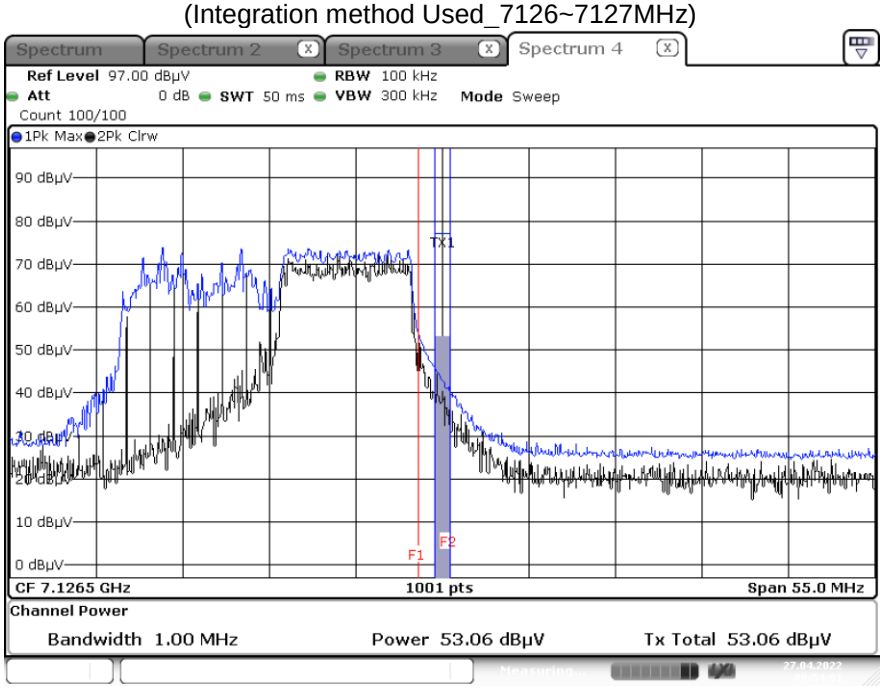
Peak result (802.11ax(HE20), Ch.233)
(Integration method Used_7125~7126MHz)



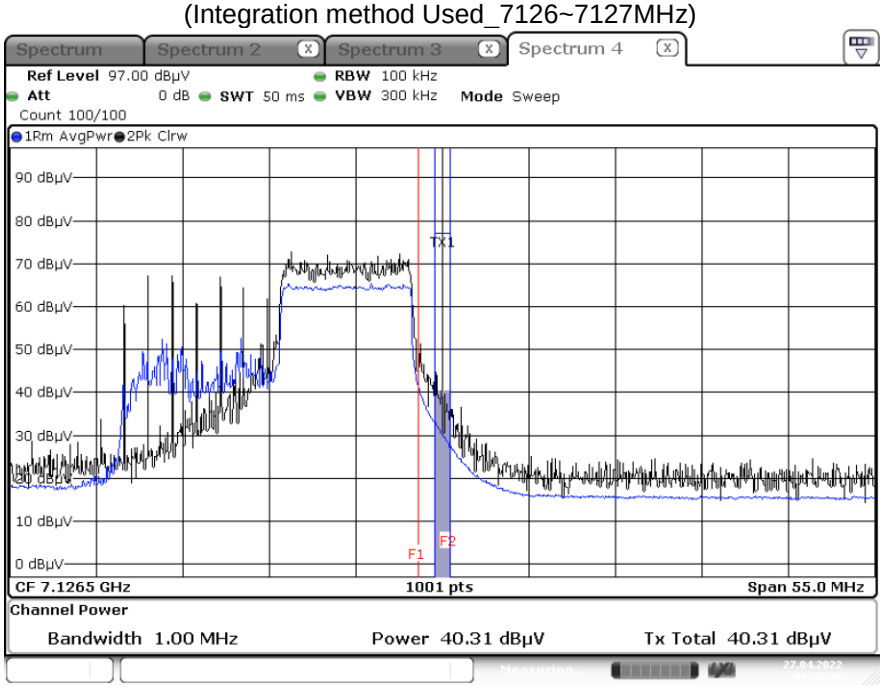
Average result (802.11ax(HE20), Ch.233)
(Integration method Used_7125~7126MHz)



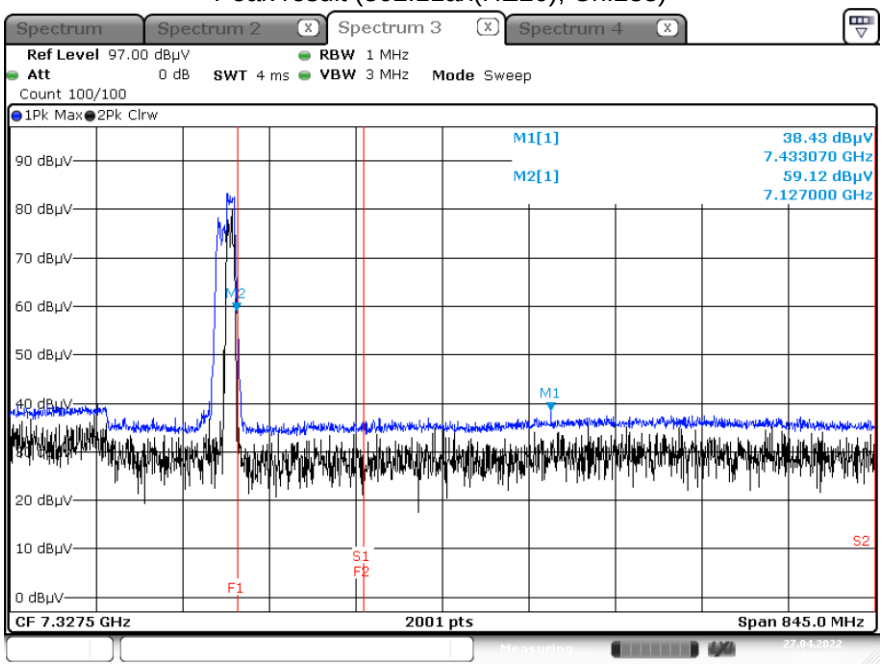
Peak result (802.11ax(HE20), Ch.233)
(Integration method Used_7126~7127MHz)



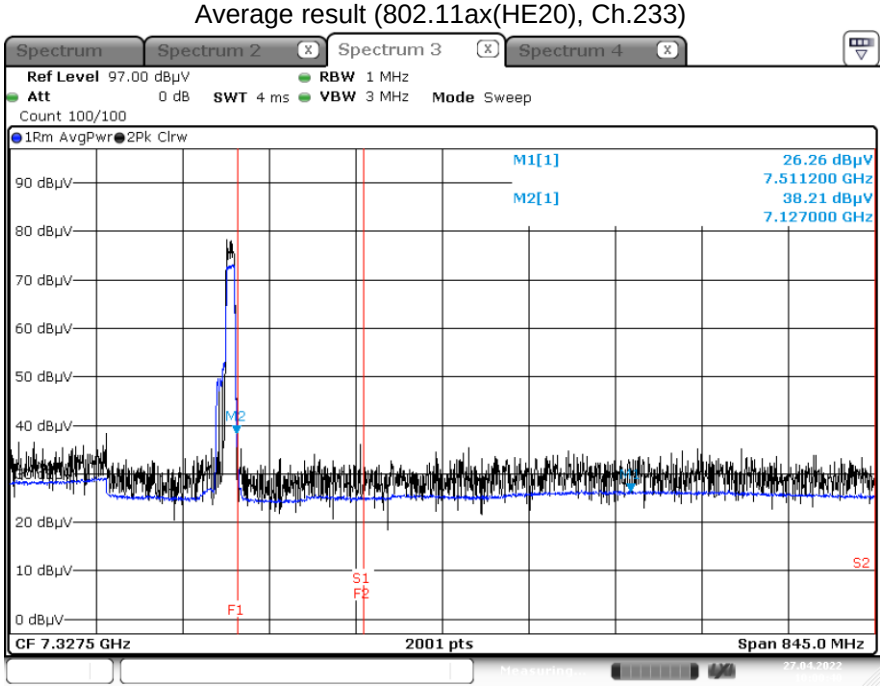
Average result (802.11ax(HE20), Ch.233)
(Integration method Used_7126~7127MHz)



Peak result (802.11ax(HE20), Ch.233)



Average result (802.11ax(HE20), Ch.233)



Note:

Only the worst case plots for Radiated Restricted Band Edge.

: integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii))

10.10 POWERLINE CONDUCTED EMISSIONS

Conducted Emissions (Line 1)

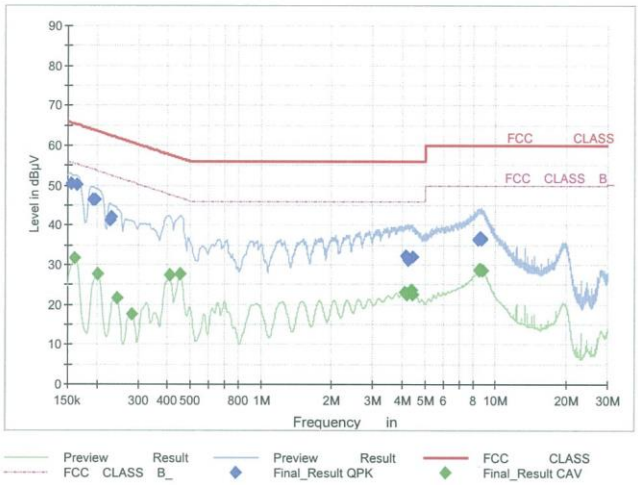
WLAN 6G_L1 1 / 2

Test Report

Common Information

EUT :	SM-G736U
Manufacturer :	SAMSUNG
Test Site:	SHIELD ROOM
Operating Conditions :	WLAN 6 GHz_L1

Full Spectrum



Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.1545	50.59	65.75	15.17	9.000	L1	OFF	9.6
0.1635	50.31	65.28	14.98	9.000	L1	OFF	9.6
0.1928	46.42	63.92	17.50	9.000	L1	OFF	9.6
0.1973	46.37	63.73	17.35	9.000	L1	OFF	9.6
0.2265	41.20	62.58	21.38	9.000	L1	OFF	9.6
0.2310	42.00	62.41	20.41	9.000	L1	OFF	9.6
4.1473	32.22	56.00	23.78	9.000	L1	OFF	9.8
4.1855	32.14	56.00	23.86	9.000	L1	OFF	9.8
4.2440	31.60	56.00	24.40	9.000	L1	OFF	9.8
4.2485	31.40	56.00	24.60	9.000	L1	OFF	9.8
4.2553	31.26	56.00	24.74	9.000	L1	OFF	9.8
4.4083	32.14	56.00	23.86	9.000	L1	OFF	9.8
8.4628	36.33	60.00	23.67	9.000	L1	OFF	10.0
8.4875	36.68	60.00	23.32	9.000	L1	OFF	10.0
8.6225	36.99	60.00	23.01	9.000	L1	OFF	10.0
8.6923	36.69	60.00	23.31	9.000	L1	OFF	10.0
8.7283	36.24	60.00	23.76	9.000	L1	OFF	10.0
8.7328	36.54	60.00	23.46	9.000	L1	OFF	10.0

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WLAN 6G_L1 2 / 2

Final_Result_CAV

Frequency (MHz)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.1613	31.72	55.40	23.68	9.000	L1	OFF	9.6
0.2018	27.57	53.54	25.97	9.000	L1	OFF	9.6
0.2423	21.52	52.02	30.50	9.000	L1	OFF	9.6
0.2828	17.54	50.74	33.19	9.000	L1	OFF	9.6
0.4065	27.35	47.72	20.36	9.000	L1	OFF	9.7
0.4538	27.66	46.81	19.15	9.000	L1	OFF	9.7
4.1068	23.20	46.00	22.80	9.000	L1	OFF	9.8
4.1540	22.78	46.00	23.22	9.000	L1	OFF	9.8
4.1698	22.68	46.00	23.32	9.000	L1	OFF	9.8
4.1855	22.62	46.00	23.38	9.000	L1	OFF	9.8
4.3633	23.65	46.00	22.35	9.000	L1	OFF	9.8
4.4398	22.50	46.00	23.50	9.000	L1	OFF	9.8
8.4920	28.60	50.00	21.40	9.000	L1	OFF	10.0
8.5213	28.83	50.00	21.17	9.000	L1	OFF	10.0
8.5505	28.91	50.00	21.09	9.000	L1	OFF	10.0
8.6000	28.97	50.00	21.03	9.000	L1	OFF	10.0
8.6203	28.95	50.00	21.05	9.000	L1	OFF	10.0
8.7800	28.64	50.00	21.36	9.000	L1	OFF	10.0

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Conducted Emissions (Line 2)

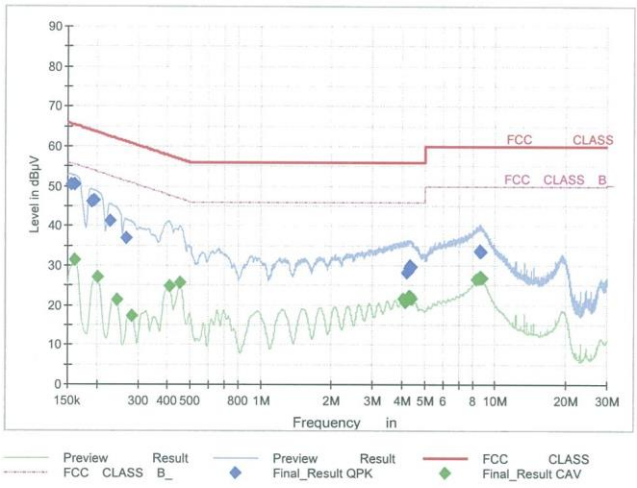
WLAN 6G_N 1 / 2

Test Report

Common Information

EUT :	SM-G736U
Manufacturer :	SAMSUNG
Test Site:	SHIELD ROOM
Operating Conditions :	WLAN 6 GHz_N

Full Spectrum



Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.1545	50.55	65.75	15.21	9.000	N	OFF	9.6
0.1613	50.49	65.40	14.91	9.000	N	OFF	9.6
0.1905	46.27	64.02	17.74	9.000	N	OFF	9.6
0.1950	46.31	63.82	17.51	9.000	N	OFF	9.6
0.2265	41.12	62.58	21.46	9.000	N	OFF	9.6
0.2648	36.86	61.28	24.42	9.000	N	OFF	9.6
4.1833	28.18	56.00	27.82	9.000	N	OFF	9.8
4.2328	28.45	56.00	27.55	9.000	N	OFF	9.8
4.2890	29.56	56.00	26.44	9.000	N	OFF	9.8
4.3183	29.92	56.00	26.08	9.000	N	OFF	9.8
4.3520	29.90	56.00	26.10	9.000	N	OFF	9.8
4.3655	29.59	56.00	26.41	9.000	N	OFF	9.8
8.5933	33.63	60.00	26.37	9.000	N	OFF	10.0
8.6225	33.65	60.00	26.35	9.000	N	OFF	10.0
8.6315	33.66	60.00	26.34	9.000	N	OFF	10.0
8.6428	33.45	60.00	26.55	9.000	N	OFF	10.0
8.6630	33.47	60.00	26.53	9.000	N	OFF	10.0
8.6675	33.50	60.00	26.50	9.000	N	OFF	10.0

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WLAN 6G_N 2 / 2

Final_Result_CAV

Frequency (MHz)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.1613	31.36	55.40	24.04	9.000	N	OFF	9.6
0.2018	27.13	53.54	26.40	9.000	N	OFF	9.6
0.2423	21.23	52.02	30.79	9.000	N	OFF	9.6
0.2828	17.30	50.74	33.43	9.000	N	OFF	9.6
0.4065	24.91	47.72	22.81	9.000	N	OFF	9.7
0.4538	25.62	46.81	21.19	9.000	N	OFF	9.7
4.0505	21.76	46.00	24.24	9.000	N	OFF	9.8
4.1203	20.91	46.00	25.09	9.000	N	OFF	9.8
4.2980	22.29	46.00	23.71	9.000	N	OFF	9.8
4.3205	22.29	46.00	23.71	9.000	N	OFF	9.8
4.3318	22.31	46.00	23.69	9.000	N	OFF	9.8
4.3678	21.73	46.00	24.27	9.000	N	OFF	9.8
8.3480	26.41	50.00	23.59	9.000	N	OFF	10.0
8.5190	26.89	50.00	23.11	9.000	N	OFF	10.0
8.5955	27.02	50.00	22.98	9.000	N	OFF	10.0
8.6338	26.97	50.00	23.03	9.000	N	OFF	10.0
8.6585	27.01	50.00	22.99	9.000	N	OFF	10.0
8.7980	26.75	50.00	23.25	9.000	N	OFF	10.0

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11. LIST OF TESTEQUIPMENT

Conducted Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
LISN	ENV216	Rohde & Schwarz	102245	08/23/2022	Annual
EMI Test Receiver	ESR	Rohde & Schwarz	101910	06/17/2022	Annual
Temperature Chamber	SU-642	ESPEC	0093008124	03/04/2023	Annual
Signal Analyzer	N9030A	Agilent	MY49432108	03/08/2023	Annual
Power Meter	N1911A	Agilent	MY45100523	03/24/2023	Annual
Power Sensor	N1921A	Agilent	MY57820067	03/24/2023	Annual
Directional Coupler	87300B	Agilent	3116A03621	11/02/2022	Annual
Power Splitter	11667B	Hewlett Packard	10545	02/03/2023	Annual
DC Power Supply	E3632A	HP	KR75303243	04/25/2023	Annual
Attenuator(10 dB)(DC-26.5 GHz)	8493C	HP	07560	06/18/2022	Annual
Attenuator(10 dB)(DC-26.5 GHz)	8493C	HP	08285	06/28/2022	Annual
Attenuator(20 dB)	18N-20dB	Rohde & Schwarz	8	03/07/2023	Annual
Software	EMC32	Rohde & Schwarz	N/A	N/A	N/A
FCC WLAN&BT&BLE Conducted Test Software v3.0	N/A	HCT CO., LTD.	N/A	N/A	N/A
Wireless AP	GT-AXE11000	ASUS	M6IAJF201782 (FCC ID : MSQ-RTAXJF00)	N/A	N/A

Note:

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

Radiated Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
Controller(Antenna mast)	CO3000	Innco system	CO3000-4p	N/A	N/A
Antenna Position Tower	MA4640/800-XP-EP	Innco system	N/A	N/A	N/A
EM1000 / Controller	EM1000	Audix	060520	N/A	N/A
Turn Table	N/A	Audix	N/A	N/A	N/A
Amp &Filter Bank Switch Controller	FBSM-01B	TNM system	TM19050002	N/A	N/A
Loop Antenna	FMZB 1513	Rohde & Schwarz	1513-333	03/17/2024	Biennial
Hybrid Antenna	VULB 9168	Schwarzbeck	9168-0895	09/04/2022	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	9120D-1300	01/18/2024	Biennial
Horn Antenna(15 GHz ~ 40 GHz)	BBHA9170	Schwarzbeck	BBHA9170124	04/12/2023	Biennial
Spectrum Analyzer	FSV(10 Hz ~ 40 GHz)	Rohde & Schwarz	101055	05/14/2022	Annual
Band Reject Filter	WRCJV2400/2483.5-2370/2520-60/12SS	Wainwright Instruments	2	01/06/2023	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments	5	06/24/2022	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments	6	06/24/2022	Annual
High Pass Filter(7 GHz ~ 18 GHz)	WHKX10-7150-8000-18000-50SS	Wainwright Instruments	1	03/11/2023	Annual
Power Amplifier	CBL18265035	CERNEX	22966	12/02/2022	Annual
Power Amplifier	CBL26405040	CERNEX	25956	03/11/2023	Annual
HPF(3~18GHz) + LNA1(1~18GHz)	FMSR-05B	TNM system	F6	01/19/2023	Annual
ATT(10dB) + LNA1(1~18GHz)	FMSR -05B	TNM system	None	01/19/2023	Annual
ATT(3dB) + LNA1(1~18GHz)	FMSR -05B	TNM system	None	01/19/2023	Annual
LNA1(1~18GHz)	FMSR -05B	TNM system	25540	01/19/2023	Annual
HPF(7~18GHz) + LNA2(6~18GHz)	FMSR -05B	TNM system	28550	01/19/2023	Annual
Thru(30MHz ~ 18GHz)	FMSR -05B	TNM system	None	01/19/2023	Annual

Note:

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

12. ANNEX A_ TEST SETUP PHOTO

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

No.	Description
1	HCT-RF-2205-FC052-P