

RADIO PERFORMANCE TEST REPORT

Test Report No. : OT-264-RWD-022

Reception No. : 2603001244

Applicant : NC& CO., LTD

Address : 9F Venture Forum, 323, Pangyo-ro, Bundang-gu, Seongnam-si, 13488, South Korea

Manufacturer : NC& CO., LTD

Address : 5th floor, Uspace1 A Building, 660, Daewangpangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea

Type of Equipment : S1 QHD Infinite

FCC ID : 2BCO9-S10Q2

Model Name : S10-Q2

Multiple Model Name : N/A

Serial number : N/A

Total page of Report : 43 pages (including this page)

Date of Incoming : March 03, 2026

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SUMMARY

The equipment complies with the regulation; **FCC PART 15 SUBPART E Section 15.407**

This test report only contains the result of a single test of the sample supplied for the examination.

It is not a generally valid assessment of the features of the respective products of the mass-production.

This test report is not associated with the accreditation granted by the Korean Laboratory Accreditation Scheme (KOLAS).

한동연



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※ Please refer to the Annex section for All test plots

Revision History

Rev. No.	Issue Report No.	Issued Date	Revisions	Section Affected
0	OT-264-RWD-022	April 07, 2026	Initial Release	All

1. VERIFICATION OF COMPLIANCE

Applicant : NC& CO., LTD
 Address : 9F Venture Forum, 323, Pangyo-ro, Bundang-gu, Seongnam-si, 13488, South Korea
 Contact Person : In-Hye, Park
 Telephone No. : +82-2-3460-4700
 FCC ID : 2BCO9-S10Q2
 Model Name : S10-Q2
 Brand Name : -
 Serial Number : N/A
 Date : April 07, 2026

EQUIPMENT CLASS	Unlicensed National Information infrastructure(UNII)
E.U.T. DESCRIPTION	S1 QHD Infinite
THIS REPORT CONCERNS	Original Grant
MEASUREMENT PROCEDURES	ANSI C63.10: 2020
TYPE OF EQUIPMENT TESTED	Pre-Production
KIND OF EQUIPMENT AUTHORIZATION REQUESTED	Certification
EQUIPMENT WILL BE OPERATED UNDER FCC RULES PART(S)	FCC PART 15 SUBPART E Section 15.407 789033 D02 General UNII Test Procedures New Rules v02r01
Modifications on the Equipment to Achieve Compliance	None
Final Test was Conducted On	3 m, Semi Anechoic Chamber

-. The above equipment was tested by ONETECH Corp. for compliance with the requirement set forth in the FCC Rules and Regulations. This said equipment in the configuration described in this report, shows the maximum emission levels emanating from equipment are within the compliance requirements.

2. TEST SUMMARY

2.1 Test items and results

SECTION	TEST ITEMS	RESULTS
15.407(a)	26 dB Bandwidth	PASS
15.407(a)	Maximum Conducted Output Power	Met the Limit / PASS
15.407(a)	Peak Power Spectral Density	Met the Limit / PASS
15.407(e)	6 dB Bandwidth	N/A / Note1
15.407(g)	Frequency Stability	Met the Limit / PASS
15.407(b)	Undesirable Emissions	N/A / Note1
15.205, 15.407(b)	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)	Met the Limit / PASS
15.207	AC Conducted Emissions 150 kHz-30 MHz	Met the Limit / PASS
15.407(h)	Dynamic frequency Selection & Transmit Power Control(TPC)	N/A / Note1

Note 1 : The product uses only the UNII1 band (5 150 MHz ~ 5 250 MHz) so is not included in the test items.

2.2 Additions, deviations, exclusions from standards

No additions, deviations or exclusions have been made from standard.

2.3 Related Submittal(s) / Grant(s)

Original submittal only

2.4 Purpose of the test

To determine whether the equipment under test fulfills the requirements of the regulation stated in FCC PART 15 SUBPART E Section 15.407

2.5 Test Methodology

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10: 2020. Radiated testing was performed at a distance of 3 m from EUT to the antenna.

2.6 Test Facility

The Onetech Corp. has been designated to perform equipment testing in compliance with ISO/IEC 17025.

The Electromagnetic compatibility measurement facilities are located at 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea

-. Site Filing:

VCCI (Voluntary Control Council for Interference) – Registration No. R-20122/ C-14617/ G-10666/ T-11842

-. Lab Accreditation:

KOLAS (Korea Laboratory Accreditation Scheme) - Accreditation NO. KT085

ISED (Innovation, Science and Economic Development Canada) – Registration No. Site# 3736A-3

FCC (Federal Communications Commission) - Accreditation No. KR0013

RRA (Radio Research Agency) – Designation No. KR0013

3. GENERAL INFORMATION

3.1 Product Description

The NC& CO., LTD, Model S10-Q2 (referred to as the EUT in this report) is a S1 QHD Infinite. The product specification described herein was obtained from product data sheet or user's manual.

DEVICE TYPE	S1 QHD Infinite	
Temperature Range	-10 °C ~ 50 °C	
OPERATING FREQUENCY	Bluetooth LE	2 402 MHz ~ 2 480 MHz
	WLAN 2.4 GHz	20 MHz BW: 2 412 MHz ~ 2 462 MHz
	WLAN 5 GHz UNII1	20 MHz BW: 5 180 MHz ~ 5 240 MHz
MODULATION TYPE	Bluetooth LE	GFSK for 1 Mbps
	WLAN 2.4 GHz	802.11n(HT20): OFDM
	WLAN 5 GHz	802.11ac(VHT20) : OFDM
ANTENNA TYPE	Chip Antenna	
List of each Osc. or crystal Freq.(Freq. >= 1 MHz)	32.768 kHz, 12 MHz	

3.2 Antenna Configurations

- WLAN 5GHz

Mode	SISO		MIMO [ANT 0 + ANT 1]	
	ANT 0	ANT 1	CDD	SDM
802.11 ac(VHT20)	O	-	-	-

Note

- 1) O : Support, X : Not Support
- 2) SISO : Single Input Single Output
- 3) MIMO : Multiple Input Multiple Output

Directional Gain Calculation

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

1) CDD : F) 2) f) (ii)

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

2) SDM : F) 2) e) (iii)

$$Directional\ gain = G_{ANT\ MAX} + 10 \log(N_{ANT}/N_{SS})\ dBi.$$

Technology	Frequency range (MHz)	ANT 0	ANT 1	MIMO[SDM]	MIMO[CDD]
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
WLAN 5 GHz UNII1	5 150 ~ 5 250	2.79	-	-	-

Note:

According to Ansi C63.10-2020 Section 14.6.3, the directional gain is calculated using the formula, where N_{ANT} is the total number of antennas used.

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

3.3 Maximum Output Power

Band	Mode	SISO	
		Output Power (dBm)	E.I.R.P Power (dBm)
UNII1	802.11ac(VH20)	10.19	-

3.4 Alternative type(s)/model(s); also covered by this test report.

-. None

4. EUT MODIFICATIONS

-. None

5. SYSTEM TEST CONFIGURATION

5.1 Justification

This device was configured for testing in a typical way as a normal customer is supposed to be used. During the test, the following components were installed inside of the EUT.

DEVICE TYPE	MANUFACTURER	MODEL/PART NUMBER	FCC ID
Main Board	N/A	S1_QHD_MAIN_V02	N/A
SUB Board	N/A	VUEROID_TFT_MAIN_FPCB	N/A
Power Board 1	N/A	S1_INFINITY_4K_CRADLE_V01	N/A
Power Board 2	N/A	N/A	N/A
GPS Antenna	N/A	N/A	N/A
Camera	N/A	N/A	N/A

5.2 Peripheral equipment

Defined as equipment needed for correct operation of the EUT, but not considered as tested:

Model	Manufacturer	Description	Connected to
S10-Q2	NC& CO., LTD	S1 QHD Infinite (EUT)	
RTL8821CE	HP	Notebook	EUT
GP-4303D	LG Precision Co.,Ltd	DC Power Supply	EUT

5.3 Mode of operation during the test

For the testing, software used to control the EUT for staying in continuous transmitting mode is programmed.

The worst case data transmission rate for modulation scheme is MCS 0 for VHT20

The EUT was moved throughout the XY, XZ, and YZ planes and the worst case is "XZ" axis, but the worst data was recorded in this report.

-. Frequency / Channel Operations

		Channel	Frequency
802.11ac(VHT20)	Band 1	36	5 180
		44	5 220
		48	5 240

-. Power Level Setting(Dec)

Mode	Band	Channel No.	Frequency (MHz)	PLS Setting
802.11 ac (VHT20)	UNII1	36	5 180	47
		44	5 220	46
		48	5 240	43

5.4 Worst case configuration and mode

For the testing, software used to control the EUT for staying in continuous transmitting mode is programmed.

1) Conducted test

1. All data rate of operation were investigated and the worst case data rate results are reported.

2) Radiated test

1. All modes of operation were investigated and the worst case configuration results are reported.
2. All Antenna of operation were investigated and the worst case results are reported
 - Mode A : SISO_ANT0, Mode B : SISO_ANT 1 Mode C : Ant 0 + Ant 1(SDM),
Mode D : Ant 0 + Ant 1(CDD)
 - Worst Case : Mode D : Ant 0 + Ant 1(CDD)
3. EUT Axis
 - Radiated Spurious Emissions : Y
 - Radiated Restricted Band Edge : Y
4. All data rate of operation were investigated and the worst case data rate results are reported.
 - 802.11a : 6 Mbps
 - 802.11ac_VHT20 : MCS0
 - 802.11ac_VHT40 : MCS0
 - 802.11ac_VHT80 : MCS0
 - 802.11ax_HE20 : MCS0
 - 802.11ax_HE40 : MCS0
 - 802.11ax_HE80 : MCS0
5. All position of loop antenna were investigated and the test result is a no critical peak found at all Positons.
 - Position: Horizontal, Vertical, Parallel to the ground plane

5.5 Configuration of Test System

Line Conducted Test:

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: 2020 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-peak and average Measurement Type or modes.

Radiated Emission Test:

Preliminary radiated emissions test were conducted using the procedure in ANSI C63.10: 2020 to determine the worse operating conditions. Final radiated emission tests were conducted at 3 meter Semi Anechoic Chamber.

The EUT is placed on a turn table, which is 0.8 m above ground plane below 1 GHz. Above 1 GHz with 1.5 m 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 EUT was rotated through three orthogonal axes according to the requirements in Section 6.6.5 of ANSI C63.10: 2020

5.6 Antenna Requirement

For intentional device, according to section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

Antenna Construction:

The EUT's antennas are a Chip Antenna, which are permanently attached to the EUT and cannot be replaced by the user.

6. MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.10-2020.

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 Output Power	1.22
Conducted Spurious Emission < 26.5 GHz	1.40
Power Spectral Density	1.22
Line Conducted Disturbance (150 kHz ~ 30 MHz)	1.40
Radiated Disturbance (9 kHz ~ 30 MHz)	3.28
Radiated Disturbance (30 MHz ~ 1 GHz)	4.42
Radiated Disturbance (1 GHz ~ 18 GHz)	5.12
Radiated Disturbance (18 GHz ~ 40 GHz)	5.84

7. PRELIMINARY TEST

7.1 AC Power line Conducted Emissions Tests

During Preliminary Test, the following operating mode was investigated.

Operation Mode	The Worse operating condition (Please check one only)
Transmitting Mode	X

7.2 General Radiated Emissions Tests

During Preliminary Test, the following operating mode was investigated.

Operation Mode	The Worse operating condition (Please check one only)
Transmitting Mode	X

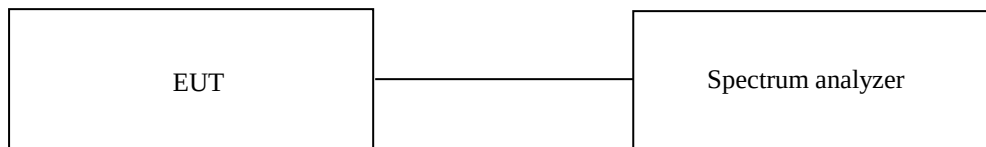
7.3 LIST OF TEST EQUIPMENT

Model Number	Manufacturer	Description	Serial Number	Last Cal.(Interval)
FSVA40	Rohde & Schwarz	Signal & Spectrum Analyzer	101593	Jan. 12, 2026 (1Y)
GP-4303D	LG Precision CO.,Ltd	DC Power Supply	5071069	Jan. 04, 2026 (1Y)
ZUP36-6	NEMIC-LAMBDA	DC Power Supply	1305531	Jan. 12, 2026 (1Y)
SMB100A	Rohde & Schwarz	SIGNAL GENERATOR	177648	Jan 14, 2026 (1Y)
NRP33S	Rohde & Schwarz	3-Path Diode Power Sensor	103230	Jan 06, 2026 (1Y)
ESR	Rohde & Schwarz	EMI Test Receiver	101470	Mar. 11, 2026 (1Y)
310N	Sonoma Instrument	Pre-Amplifier	312544	Mar. 11, 2026 (1Y)
SCU18	Rohde & Schwarz	Pre-Amplifier	102266	Jul. 02, 2025 (1Y)
SCU40A	Rohde & Schwarz	Pre-Amplifier	100436	Jan. 15, 2026 (1Y)
DT2000-2t	Innco System	Turn Table	N/A	N/A
MA-4640-XPET	Innco System	Antenna Master	MA4640/652/43100318/P	N/A
CO3000	Innco System	Controller	1026/40960617/P	N/A
HLP-2008	TDK RF Solutions	Hybrid Antenna	131314	Mar. 01, 2025 (2Y)
BBHA9120D	Schwarzbeck	Horn Antenna	9120D-1366	Jun. 19, 2025 (1Y)
BBHA9170	Schwarzbeck	Horn Antenna	BBHA9170178	Jan. 04, 2026 (1Y)
HPF 3GHz	Rohde & Schwarz	High Pass Filter	N/A	Jan. 12, 2026 (1Y)
8493C	HP	6 dB Attenuator	00997	Jul. 04, 2025 (1Y)
ESCI	Rohde & Schwarz	EMI TEST RECEIVER	101012	Sep. 24, 2025 (1Y)
NSLK8126	Schwarzbeck	V - LISN (4*16/25A)	8126404	Mar. 11, 2026 (1Y)
ESH3-Z2	Rohde & Schwarz	PULSE LIMITER	100655	Mar. 11, 2026 (1Y)
FSVA40	Rohde & Schwarz	Signal & Spectrum Analyzer	101593	Jan. 12, 2026 (1Y)
GP-4303D	LG Precision CO.,Ltd	DC Power Supply	5071069	Jan. 04, 2026 (1Y)
ZUP36-6	NEMIC-LAMBDA	DC Power Supply	1305531	Jan. 12, 2026 (1Y)
SMB100A	Rohde & Schwarz	SIGNAL GENERATOR	177648	Jan 14, 2026 (1Y)
NRP33S	Rohde & Schwarz	3-Path Diode Power Sensor	103230	Jan 06, 2026 (1Y)
ESR	Rohde & Schwarz	EMI Test Receiver	101470	Mar. 11, 2026 (1Y)
SH-241	ESPEC	Temperature & Humidity Chamber	92009434	Jan. 01, 2026 (1Y)

8. DESCRIPTION OF TESTS

8.1 Duty Cycle

1) Test Configuration



2) Test Procedure

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

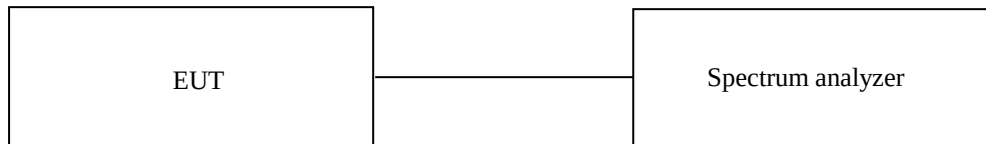
1. RBW = 10 MHz (the largest available value)
2. VBW = 10 MHz ($\geq$ RBW)
3. SPAN = 0 Hz
4. Measurement Type = Peak
5. Number of points in sweep > 100
6. Trace mode = Clear write
7. Calculate Duty Cycle = T_{on} / T_{total} and Duty Cycle Factor = $10\log(1/\text{Duty Cycle})$

8.2 6 dB Bandwidth & 26 dB Bandwidth

1) Limit

Within the 5.725-5.85 GHz(NII-3) band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

2) Test Configuration



3) Test Procedure

6 dB Bandwidth

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

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

26 dB Bandwidth

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 %.

8.3 Output Power Measurement

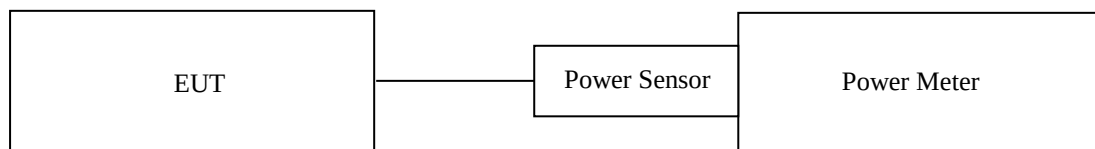
1) Limit

The Output Power limits are as specified in the tables below.

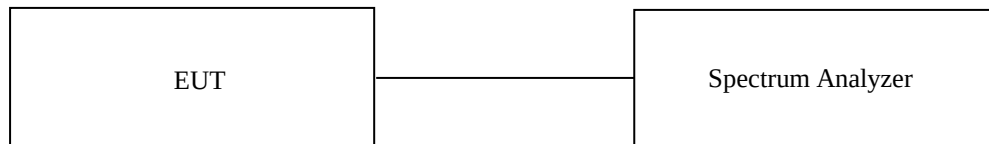
Band	Frequency Range(MHz)	Maximum Conducted Power Limit	Maximum E.I.R.P
		FCC	FCC
UNII 1	5 150 ~ 5 250	-Slave : Not exceed 250 mW(=23.98 dBm)	N/A
UNII 2A	5 250 ~ 5 350	Not exceed the lesser of 250 mW or 11 dBm + 10 log B, (where B is the 26 dB emission bandwidth in megahertz.)	N/A
UNII 2C	5 470 ~ 5 725		
UNII 3	5 725 ~ 5 850	Not exceed 1 W (=30dBm)	N/A

2) Test Configuration

- Power Meter



- Spectrum Analyzer



3) 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.

Spectrum Analyzer

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

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

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

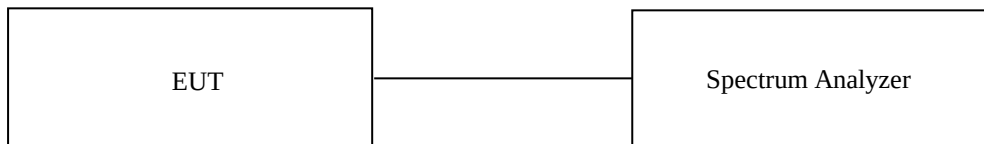
8.4 Power Spectral Density

1) Limit

The Output Power limits are as specified in the tables below.

Band	Frequency Range(MHz)	Power Spectral Density Limits
		FCC
UNII 1	5 150 ~ 5 250	11 dBm/MHz
UNII 2A	5 250 ~ 5 350	
UNII 2C	5 470 ~ 5 725	
UNII 3	5 725 ~ 5 850	30 dBm/500 kHz

2) Test Configuration



3) Test Procedure

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

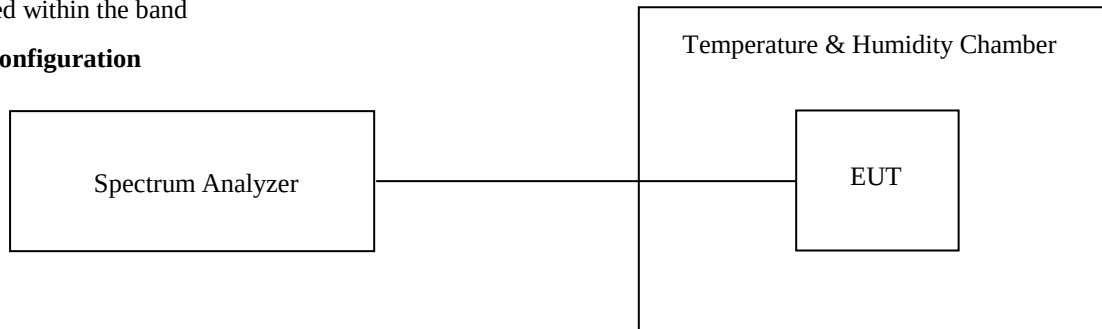
1. Set span to encompass the entire emission bandwidth(EBW) of the signal.
2. RBW = 1 MHz(500 kHz for UNII 3)
3. VBW $\geq$ 3 MHz(2 MHz for UNII 3)
4. Number of points in sweep $\geq$ 2 x span/RBW.
5. Sweep time = auto.
6. Measurement Type or = RMS(i.e., power averaging)
7. Trace average at least 100 traces in power averaging(RMS) mode
8. Use the peak search function on the spectrum analyzer to find the peak of the spectrum.
9. If Method SA-2 was used, add $10 \log(1/x)$, where x is the duty cycle, to the peak of the Spectrum.

8.5 Frequency Stability

1) Limit

Maintained within the band

2) Test Configuration



3) Test Procedure

1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between $-30\text{ }^{\circ}\text{C}$ and $50\text{ }^{\circ}\text{C}$.
2. The temperature was incremented by $10\text{ }^{\circ}\text{C}$ intervals and the unit was allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.
3. The primary supply voltage is varied from 85% to 115% of the nominal value for non hand carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.
4. While maintaining a constant temperature inside the environmental chamber, turn the EUT ON and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized. Four measurements in total are made.

8.6 AC Power line Conducted Emissions

1) Limit

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

The limits are as specified in the tables below.

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

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

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

2) Test Configuration

Setup according to ANSI C63.10:2020, Section 6.2.

Please refer to the attached test photos for the actual connection between the EUT and the supporting equipment.

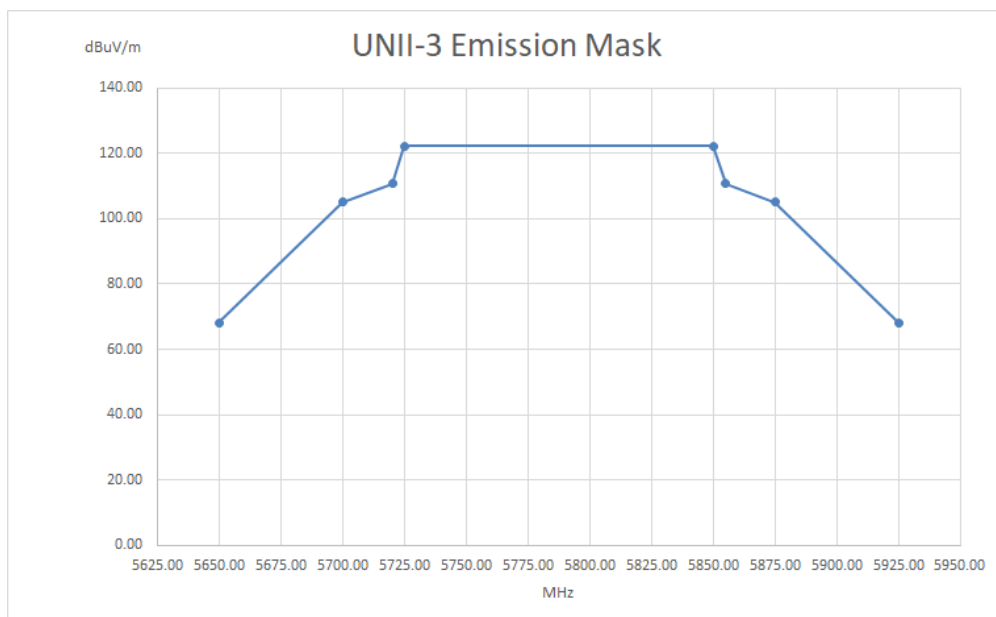
3) Test Procedure

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. Measurement Typos: Quasi Peak and Average Measurement Type

8.7 Radiated Test

1) Limit

1. UNII 1: All emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.
2. UNII 2A, 2C: All emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.
3. UNII 3: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

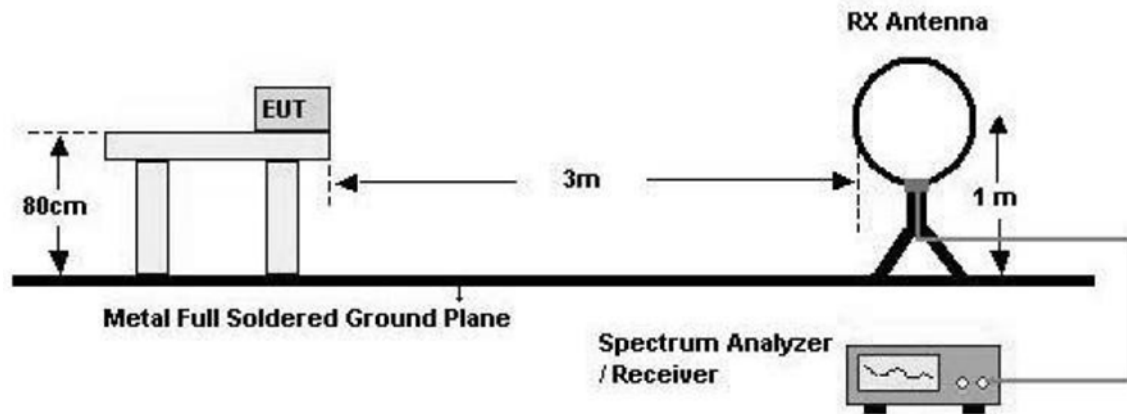


4. All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Section 15.209.

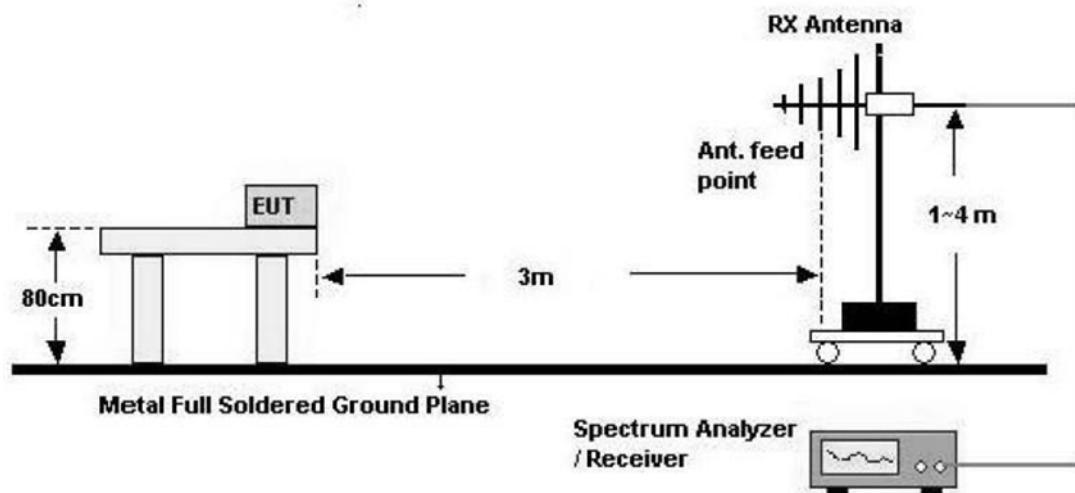
Frequency Range (MHz)	Field Strength (μ V/m)	Measurement Distance (m)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 860	200	3
Above 960	500	3

2) Test Configuration

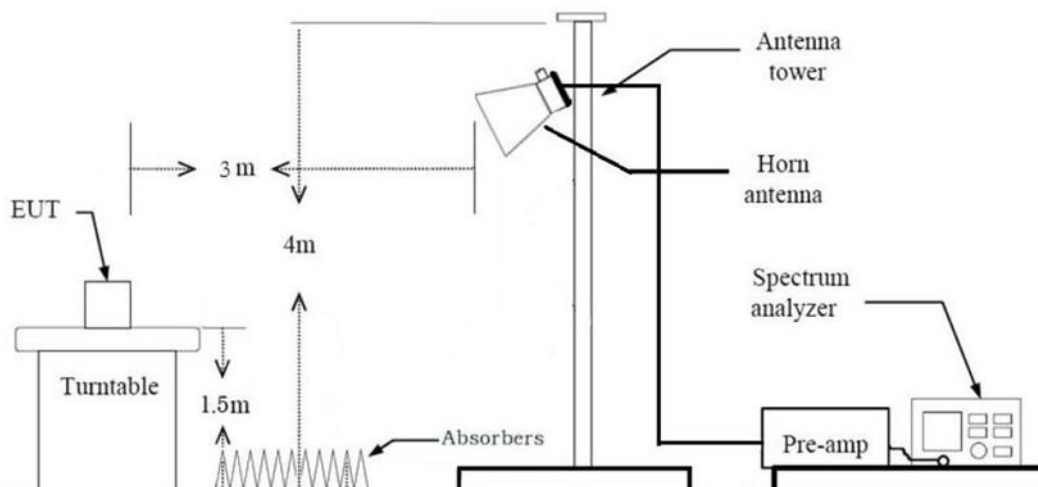
Below 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz



3) Test Procedure

Radiated Spurious Emissions(Below 30 MHz)

1. The EUT was placed on a non-conductive table located on semi-anechoic chamber.
2. The loop antenna was placed at a location 3 m from the EUT
3. The EUT is placed on a turntable, which is 0.8m above ground plane.
4. We have done x, y, z planes in EUT and horizontal and vertical polarization and Parallel to the ground plane in detecting antenna.
5. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
6. Distance Correction Factor(0.009 MHz ~ 0.490 MHz) = $40 \cdot \log(3 \text{ m}/300 \text{ m}) = -80 \text{ dB}$
Measurement Distance : 3 m
7. Distance Correction Factor(0.490 MHz ~ 30 MHz) = $40 \cdot \log(3 \text{ m}/30 \text{ m}) = -40 \text{ dB}$
Measurement Distance : 3 m
8. Spectrum Setting
 - Frequency Range = 9 kHz ~ 30 MHz
 - Detector = Peak
 - Trace = Max Hold
 - RBW = 9 kHz
 - VBW $\geq 3 \times$ RBW
9. 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.

Radiated Spurious Emissions(Below 1 GHz)

1. The EUT was placed on a non-conductive table located on semi-anechoic chamber.
2. The EUT is placed on a turntable, which is 0.8m above ground plane.
3. The Hybrid antenna was placed at a location 3 m from the EUT, which is varied from 1 m to 4 m to find out the highest emissions.
4. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
5. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
6. Spectrum Setting
 - 1) Measurement Type(Peak) :
 - Measured Frequency Range : 30 MHz - 1 GHz
 - Detector = Peak
 - Trace = Max Hold
 - RBW = 100 kHz
 - VBW $\geq$ 3 x RBW
 - 2) Measurement Type(Quasi-peak) :
 - Measured Frequency Range : 30 MHz - 1 GHz
 - Detector = Quasi-Peak
 - RBW = 120 kHz
7. 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.

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. Each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Spectrum Setting
 - 1) Measurement Type(Peak) : G.5 in KDB 789033 v02r01
 - Measured Frequency Range : Center frequency was set to the frequency of the Radiated Spurious emission of interest
 - Detector = Peak
 - Trace = Max Hold
 - RBW = 1 MHz
 - VBW $\geq$ 3 x RBW
 - Sweep time = Auto
 - 2) Measurement Type(Method AD – Average Detection) : G.6.c in KDB 789033 v02r01
 - Measured Frequency Range : Center frequency was set to the frequency of the Radiated Spurious emission of interest
 - Detector = RMS(power average)
 - Averaging type = power averaging(RMS)
 - RBW = 1 MHz
 - VBW $\geq$ 3 x RBW
 - Sweep time = auto
 - Trace average at least 100 traces in power averaging(RMS) mode
7. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency
8. Distance extrapolation factor = $20\log(\text{test distance} / \text{specific distance})$ (dB)

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. Each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Spectrum Setting
 - 3) Measurement Type(Peak) : G.5 in KDB 789033 v02r01
 - Detector = Peak
 - Trace = Max Hold
 - RBW = 1 MHz
 - VBW $\geq$ 3 x RBW
 - Sweep time = Auto
 - 4) Measurement Type(Method AD – Average Detection) : G.6.c in KDB 789033 v02r01
 - Detector = RMS(power average)
 - Averaging type = power averaging(RMS)
 - RBW = 1 MHz
 - VBW $\geq$ 3 x RBW
 - Sweep time = auto
 - Trace average at least 100 traces in power averaging(RMS) mode
7. Measured Frequency Range :
 - 1) 4 500 MHz ~ 5 150 MHz
 - 2) 5 350 MHz ~ 5 460 MHz
 - 3) (75 MHz or more below 5 725 MHz) ~ 5 725 MHz
 - 4) 5 850 MHz ~ (75 MHz or more above the 5 850 MHz)
8. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency
9. Distance extrapolation factor = $20\log(\text{test distance} / \text{specific distance})$ (dB)

8.8 DYNAMIC FREQUENCY SELECTION

1) Requirements

KDB905462 D02 v02(04/08/2016) the following are the requirements for Client Devices:

1. A Client Device will not transmit before having received appropriate control signals from a Master Device.
2. A Client Device will stop all its transmissions whenever instructed by a Master Device to which it is associated and will meet the Channel Move Time and Channel Closing Transmission Time requirements.
The Client Device will not resume any transmissions until it has again received control signals from a Master Device.
3. If a Client Device is performing In-Service Monitoring and detects a Radar Waveform above the DFS Detection Threshold, it will inform the Master Device. This is equivalent to the Master Device detecting the Radar Waveform and d) through f) of section 5.1.1(KDB905462 D02 v02) apply.
4. Irrespective of Client Device or Master Device detection the Channel Move Time and Channel Closing Transmission Time requirements remain the same.
5. The Client test frequency must be monitored to ensure no transmission of any type has occurred for 30 minutes.
Note: if the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shut down(rather than moving channels), no beacons should appear.

2) Limit

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an Aggregate of 60 milliseconds over Remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100 % of the U-NII 99 % transmission Power bandwidth. See Note 3.

Note 1 : Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0.

The measurement timing begins at the end of the Radar Type 0 burst.

Note 2 : The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of

The Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3 : During the U-NII Detection Bandwidth detection test, radar type 0 should be used.

For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed
With no data traffic.

3) DFS detection threshold values

The DFS detection thresholds are defined for Master devices and Client Devices with In-service monitoring.

These detection thresholds are listed in the following table.

Maximum Transmit Power	Value
	(See Notes 1 and 2)
≥ 200 milliwatt	-64 dBm
< 200 milliwatt	-62 dBm

Note 1 : This is the level at the input of the receiver assuming a 0 dBi receive antenna.

Note 2 : Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

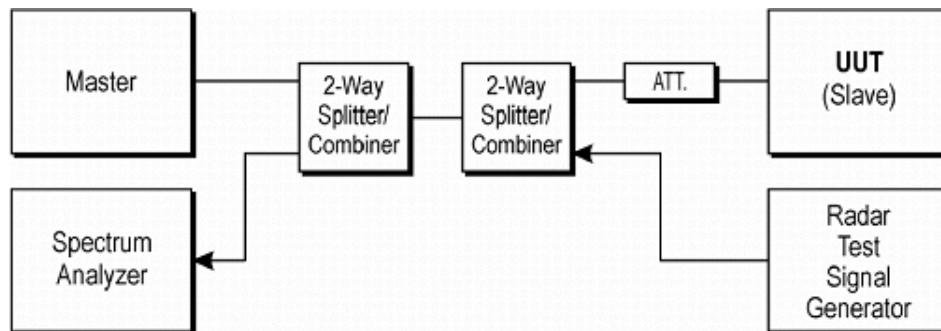
4) DFS Test Signals

As the EUT is a Client Device with no Radar Detection only one type radar pulse is required for the testing. Radar Pulse type 0 was used in the evaluation of the Client device for the purpose of measuring the Channel Move Time and the Channel Closing Transmission Time.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number Of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values Randomly selected From the list of 23 PRI values in Table 5a	Roundup $\left\{ \left(\frac{1}{360} \right) \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	60%	30
		Test B: 15 unique PRI values Randomly selected within the range of 518-3066 μ sec, with a minimum increment of 1 μ sec, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note1: Short pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					

5) Test Configuration

- KDB905462 D02 v02 Figure 7-1



6) Test Procedure

The KDB905462 D02 v02 describes a radiated test setup and a conducted test setup.

A Conducted test setup was used for this testing. Figure 7-1 shows the typical test setup.

1. The radar pulse generator is setup to provide a pulse at the frequency that the Master and Client are operating.
A Type 0 radar pulse with a 1 μ s pulse width and a 1428 μ s PRI is used for the testing.
2. The vector signal generator is adjusted to provide the radar burst (18 pulses) at a level of approximately -62 dBm at the antenna of the Master device.
3. The Client Device (EUT) is set up per the diagram in Figure 3-1 and communications between the Master device and the Client is established.
4. The MPEG file specified by the FCC ("*6½ Magic Hours*") is streamed from the "file computer" through the Master to the Slave Device and played in full motion video using Media Player Classic Ver.6.4.8.6 in order to properly load the network.
5. The spectrum analyzer is set to record about 15 sec window to any transmissions occurring up to and after 10 sec.
6. The system is again setup and the monitoring time is shortened in order to capture the Channel Closing Transmission Time. This time is measured to insure that the Client ceases transmission within 200 ms and the aggregate of emissions occurring after 200 ms up to 10 sec do not exceed 60 ms.
(Note: the channel may be different since the Master and Client have changed channels due to the detection of the initial radar pulse.)
7. After the initial radar burst the channel is monitored for 30 minutes to insure no transmissions or beacons occur.
A second monitoring setup is used to verify that the Master and Client have both moved to different channels.

9. TEST RESULT

9.1 Operating environment

Temperature : 24 °C
Relative humidity : 52 % R.H.

9.2 Test Date

March 11, 2026 ~ March 18, 2026

9.3 DUTY CYCLE

Band	Mode	Tx On Time [ms]	Tx Off Time [ms]	Duty Cycle [%]	Correction Factor [dB]
UNII 1	802.11ac[VHT20]	1.00	0.00	100	0.00

9.4 26 dB Bandwidth

9.4.1 Test data

Mode: 802.11 ac[VHT20]				
Band	CHANNEL	FREQUENCY (MHz)	ANT 0	ANT 1
			26 dB Bandwidth (MHz)	26 dB Bandwidth (MHz)
UNII 1	36	5 180	21.08	-
	44	5 220	21.93	-
	48	5 240	21.48	-

9.5 MAXIMUM CONDUCTED OUTPUT POWER

- Total Value [dBm] = Measured Value [dBm] + Duty Cycle Factor [dB]
- Margin [dB] = Limit – Total Value
- MIMO Total Value[dBm] = ANT 0 Total value [dBm] + ANT 1 Total Value [dBm]
- Calculated Output Power= $10\log(10(\text{Antenna 0 Output Power}/10) + 10(\text{Antenna 1 Output Power}/10))$
- E.I.R.P [dBm] = Total Power [dBm] + Antenna Gain [dBi]
- Please refer to the table below for the applied antenna gain.

Band	ANT 0	ANT 1	MIMO
	Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
UNII1	2.79	-	-

9.5.1 Test data

Mode : 802.11 ac[VHT20]									
Band	Channel	Frequency	Measured Value	Duty Factor	Total Value	Antenna Gain	EIRP	Limit	Margin
		(MHz)	(dBm)	(dB)	(dBm)	(dBi)	(dBm)	(dBm)	(dB)
UNII I	36	5 180	9.14	0.000	9.14	-	-	24.00	14.86
	44	5 220	10.19	0.000	10.19	-	-	24.00	13.81
	48	5 240	9.00	0.000	9.00	-	-	24.00	15.00

9.6 PEAK POWER SPECTRAL DENSITY

- Total Value [dBm/MHz] = Measured Value [dBm/MHz] + Duty Cycle Factor [dB]
- Margin [dB] = Limit – Total Value
- MIMO Total Value[dBm/MHz] = ANT 0 Total value [dBm/MHz] + ANT 1 Total Value [dBm/MHz]
- Calculated Output Power= $10\log(10(\text{Antenna 0 Output Power}/10) + 10(\text{Antenna 1 Output Power}/10))$
- E.I.R.P [dBm/MHz] = Total Power [dBm/MHz] + Antenna Gain [dBi]
- Please refer to the table below for the applied antenna gain.

Band	ANT 0	ANT 1	MIMO
	Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
UNII1	2.79	-	-

9.6.1 Test data

Mode : 802.11 ac(VHT20)									
Band	Channel	Frequency	Measured Value	Duty Factor	Total Value	Antenna Gain	EIRP	Limit	Margin
		(MHz)	(dBm/MHz or dBm/1 MHz)	(dB)	(dBm/MHz or dBm/1 MHz)	(dBi)	(dBm/MHz or dBm/1 MHz)	(dBm/MHz or dBm/1 MHz)	(dB)
UNII I	36	5 180	-2.70	0.00	-2.70	-	-	11.00	13.70
	44	5 220	-2.15	0.00	-2.15	-	-	11.00	13.15
	48	5 240	-3.86	0.00	-3.86	-	-	11.00	14.86

9.7 FREQUENCY STABILITY

9.7.1 Test data for TEMPERATURE VARIATION

Test Data for U-NII-1

Temperature (°C)	Carrier Freq. (Hz)	Measured Freq. (Hz)	Frequency Error (Hz)
-30	5 180 000 000	5 180 032 322	32 322
-20		5 180 035 139	35 139
-10		5 180 033 733	33 733
0		5 180 020 269	20 269
10		5 180 001 620	1 620
20		5 179 987 095	- 12 905
30		5 179 977 095	- 22 905
40		5 179 967 943	- 32 057
50		5 179 967 808	- 32 192
-30	5 220 000 000	5 220 033 086	33 086
-20		5 220 035 730	35 730
-10		5 220 032 023	32 023
0		5 220 016 549	16 549
10		5 220 002 014	2 014
20		5 219 987 160	- 12 841
30		5 219 975 376	- 24 624
40		5 219 966 706	- 33 294
50		5 219 967 646	- 32 354
-30	5 240 000 000	5 240 033 405	33 405
-20		5 240 035 857	35 857
-10		5 240 030 451	30 451
0		5 240 015 803	15 803
10		5 240 001 834	1 834
20		5 239 986 863	- 13 138
30		5 239 974 280	- 25 720
40		5 239 966 129	- 33 871
50		5 239 967 175	- 32 825

Note : While maintaining a constant temperature inside the environmental chamber, turn the EUT ON and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized.

Four measurements in total are made.(ANSI C63.10: 2020)

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OTC-TRF-RF-001(0)

9.7.2 Test data for TEMPERATURE VARIATION

Test Data for U-NII1

Voltage (VDC)	Carrier Freq. (Hz)	Measured Freq. (Hz)	Frequency Error (Hz)
10.20	5 180 000 000	5 179 988 078	- 11 922
12.00		5 179 987 095	- 12 905
13.80		5 179 988 771	- 11 229
10.20	5 220 000 000	5 219 986 690	- 13 310
12.00		5 219 987 160	- 12 841
13.80		5 219 988 117	- 11 883
10.20	5 240 000 000	5 239 986 540	- 13 460
12.00		5 239 986 863	- 13 138
13.80		5 239 986 726	- 13 274

9.8 RADIATED SPURIOUS EMISSIONS

9.8.1 Frequency Range: Below 30 MHz

Frequency (MHz)	Reading (dBμV)	Ant. Pol. (H/V)	Ant. Height (m)	Angle (°)	Ant. Factor (dB/m)	Cable Loss	Emission Level(dBμV/m)	Limits (dBμV/m)	Margin (dB)
No Critical peaks found									

-. Resolution bandwidth : 200 Hz (from 9 kHz to 0.15 MHz), 9 kHz (from 0.15 MHz to 30 MHz)

-. Frequency range : 9 kHz ~ 30 MHz

-. Measurement distance : 3 m

Note:

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

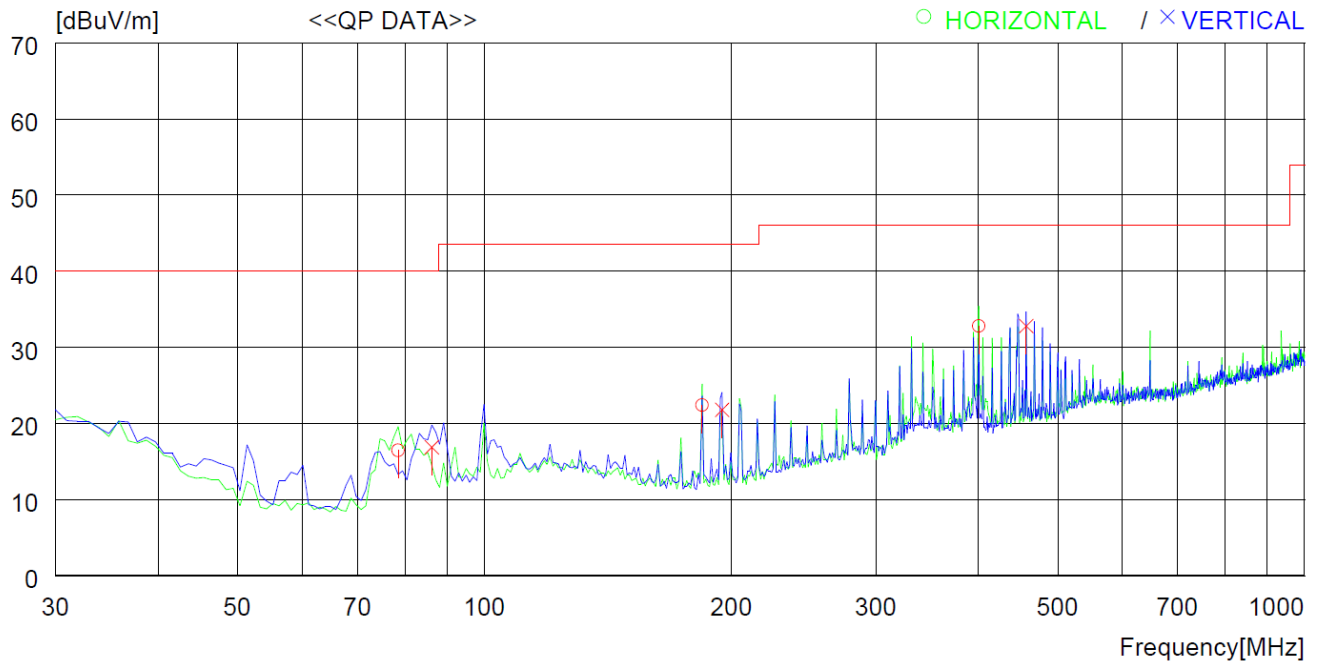
9.8.2 Frequency Range: Below 1 GHz

Limits apply to : FCC CFR 47, PART 15, SUBPART C, SECTION 15.247

Result : PASSED

EUT : S1 QHD Infinite

Detector : CISPR Quasi-Peak (6 dB Bandwidth: 120 kHz)



No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	QP	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	78.500	34.2	12.9	1.9	32.5	16.5	40.0	23.5	385	358
2	184.230	36.8	15.1	2.9	32.4	22.4	43.5	21.1	194	328
3	400.540	39.4	21.5	4.2	32.3	32.8	46.0	13.2	137	283
----- Vertical -----										
4	86.260	33.5	13.9	2.0	32.5	16.9	40.0	23.1	226	0
5	194.900	36.1	15.1	3.0	32.4	21.8	43.5	21.7	115	346
6	457.771	37.8	22.8	4.5	32.3	32.8	46.0	13.2	274	19

9.8.3 Frequency Range Above 1 GHz

- Remark: “H”: Horizontal, “V”: Vertical
- Margin (dB) = Limits (dB μ V/m) - Emission Level (dB μ V/m)
- D.F (dB) = Duty Factor(dB)

9.8.3.1 Test data for UNII1

Band	UNII1		Mode		802.11ac(VHT20)			Tone	-	
Channel	CH 36		Frequency(MHz)		5 180			RU offset	-	
Frequency (MHz)	Reading (dB μ V)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	AMP Gain	D.F (dB)	Total (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)
10 382.78	40.47	Average	H	39.03	9.91	42.77	0	46.64	54.00	7.36
10 380.38	53.06	Peak	H	39.02	9.91	42.77	0	59.22	74.00	14.78
10 379.88	40.20	Average	V	39.02	9.91	42.77	0	46.36	54.00	7.64
10 381.83	52.70	Peak	V	39.03	9.91	42.77	0	58.87	74.00	15.13

Band	UNII1		Mode		802.11ac(VHT20)			Tone	-	
Channel	CH 44		Frequency(MHz)		5 220			RU offset	-	
Frequency (MHz)	Reading (dB μ V)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	AMP Gain	D.F (dB)	Total (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)
10 437.75	40.87	Average	Horizontal	39.1	9.91	42.77	0	47.11	54.00	6.89
10 440.20	52.63	Peak	Horizontal	39.1	9.91	42.77	0	58.87	74.00	15.13
10 443.30	40.92	Average	Vertical	39.1	9.91	42.77	0	47.16	54.00	6.84
10 437.80	52.65	Peak	Vertical	39.1	9.91	42.77	0	58.89	74.00	15.11

Band	UNII1		Mode		802.11ac(VHT20)			Tone	-	
Channel	CH 48		Frequency(MHz)		5 240			RU offset	-	
Frequency (MHz)	Reading (dB μ V)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	AMP Gain	D.F (dB)	Total (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)
10 473.56	40.67	Average	Horizontal	39.15	10.18	42.78	0	47.22	54.00	6.78
10 464.52	52.71	Peak	Horizontal	39.13	10.18	42.78	0	59.24	74.00	14.76
10 472.61	40.69	Average	Vertical	39.15	10.18	42.78	0	47.24	54.00	6.76
10 480.10	52.32	Peak	Vertical	39.16	10.18	42.78	0	58.88	74.00	15.12

9.9 RADIATED RESTRICTED BAND EDGE

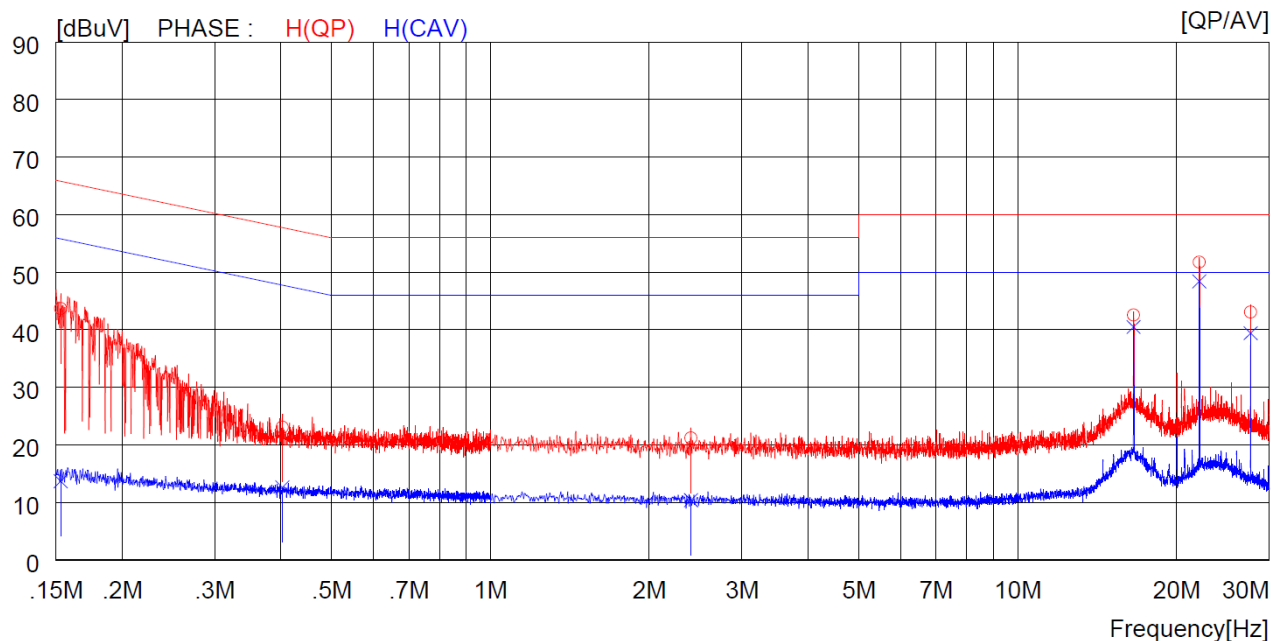
- Remark: "H": Horizontal, "V": Vertical
- Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)
- D.F (dB) = Duty Factor(dB)

9.9.1 Test Data for UNII1

Band	UNII1		Mode			802.11ac(VHT20)			Tone	-	
Channel	CH 36		Frequency(MHz)			5 180			RU offset	-	
Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	AMP Gain	ATT (dB)	D.F (dB)	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
5 149.09	43.62	Average	Horizontal	32.10	6.83	42.19	6.09	0	46.45	54.00	7.55
4 674.25	54.37	Peak	Horizontal	31.25	6.55	42.24	6.09	0	56.02	74.00	17.98
5 138.90	43.58	Average	Vertical	32.12	6.83	42.19	6.09	0	46.43	54.00	7.57
4 985.37	54.75	Peak	Vertical	31.74	6.71	42.24	6.09	0	57.05	74.00	16.95

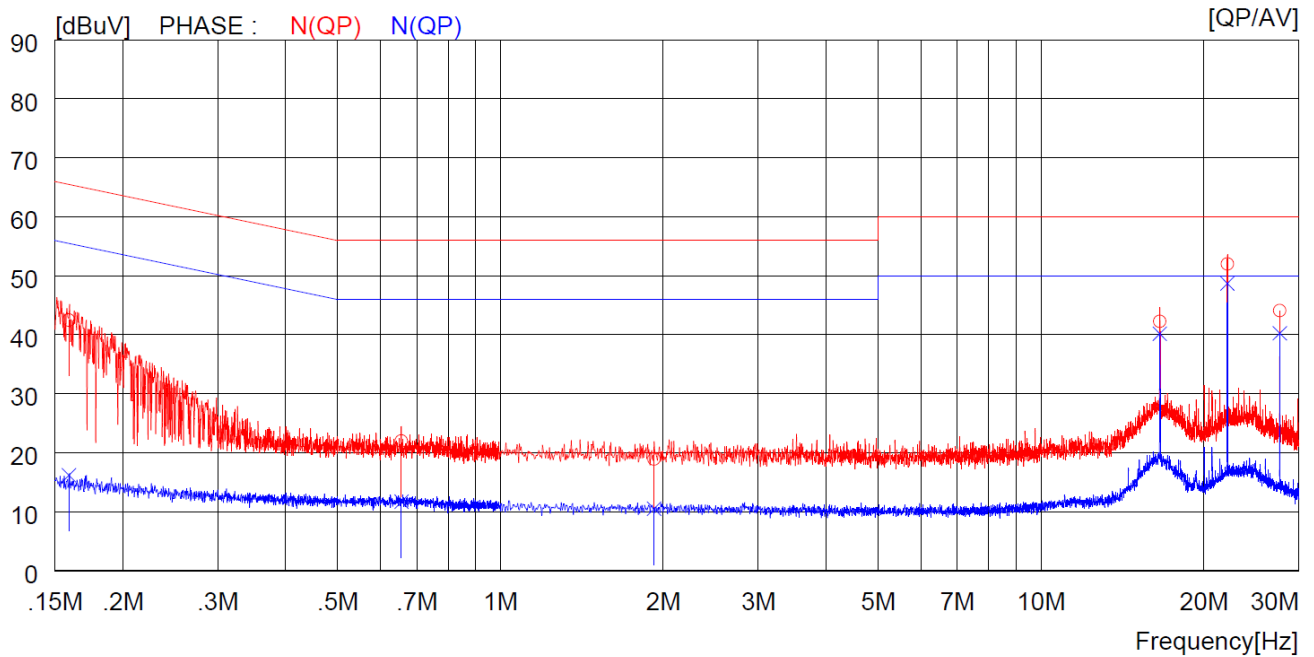
9.10 POWER LINE CONDUCTED EMISSION

- Tested Line : Hot Line



NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.15300	33.7	----	10.0	43.7	----	65.8	----	22.1	----	H (QP)
2	0.40300	13.1	----	10.0	23.1	----	57.8	----	34.7	----	H (QP)
3	2.40000	11.0	----	10.2	21.2	----	56.0	----	34.8	----	H (QP)
4	16.59000	32.1	----	10.5	42.6	----	60.0	----	17.5	----	H (QP)
5	22.11000	41.1	----	10.7	51.8	----	60.0	----	8.2	----	H (QP)
6	27.65000	32.3	----	10.8	43.1	----	60.0	----	16.9	----	H (QP)
7	0.15300	----	3.7	10.0	----	13.7	----	55.8	----	42.1	H (CAV)
8	0.40300	----	2.6	10.0	----	12.6	----	47.8	----	35.2	H (CAV)
9	2.40000	----	0.2	10.2	----	10.4	----	46.0	----	35.6	H (CAV)
10	16.59000	----	30.0	10.5	----	40.5	----	50.0	----	9.5	H (CAV)
11	22.11000	----	37.7	10.7	----	48.4	----	50.0	----	1.6	H (CAV)
12	27.65000	----	28.6	10.8	----	39.4	----	50.0	----	10.6	H (CAV)

- Tested Line : Neutral Line



NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.15900	32.5	----	10.0	42.5	----	65.5	----	23.0	----	N (QP)
2	0.65600	12.0	----	10.0	22.0	----	56.0	----	34.0	----	N (QP)
3	1.92400	8.8	----	10.1	18.9	----	56.0	----	37.1	----	N (QP)
4	16.59000	31.8	----	10.5	42.3	----	60.0	----	17.7	----	N (QP)
5	22.12000	41.3	----	10.7	52.0	----	60.0	----	8.0	----	N (QP)
6	27.65000	33.3	----	10.8	44.1	----	60.0	----	15.9	----	N (QP)
7	0.15900	----	6.2	10.0	----	16.2	----	55.5	----	39.3	N (CAV)
8	0.65600	----	1.7	10.0	----	11.7	----	46.0	----	34.3	N (CAV)
9	1.92400	----	0.4	10.1	----	10.5	----	46.0	----	35.5	N (CAV)
10	16.59000	----	29.7	10.5	----	40.2	----	50.0	----	9.8	N (CAV)
11	22.12000	----	38.0	10.7	----	48.7	----	50.0	----	1.3	N (CAV)
12	27.65000	----	29.5	10.8	----	40.3	----	50.0	----	9.7	N (CAV)