ACCREDITED
CERTIFICATE #5473.01

Test Report No.:
FCC2021-0003-3

TEST REPORT

FCC ID		2AR82-SKIWB921AU1
IC	:	24728-SKIWB921AU1
Applicant	:	Guangzhou Shikun Electronics Co., Ltd
Product Name	:	Module
Mode No.	:	SKI.WB921AU.1

CVC Testing Technology Co., Ltd.

Applicant	**Name: Guangzhou Shikun Electronics Co., Ltd** **Address: NO.6 Liankun Road,Huangpu District,Guangzhou,China**
Manufacturer	**Name: Guangzhou Shikun Electronics Co., Ltd** **Address: NO.6 Liankun Road,Huangpu District,Guangzhou,China**
Equipment Under Test	**Product Name :** Module **Model No. :** SKI.WB921AU.1 **Trade mark : /** **Serial no. : —** **Sampling : —**

Date of Receipt.	**2021.02.25**	Date of Testing	**2021.02.25~2021.05.26**

Test Specification	**Test Result**
FCC CFR47 Part 15E (2020) RSS-247 Issue 2 RSS-Gen Issue 5 ANSI C63.10 (2013) KDB 789033 D02 General UNII Test Procedures New Rules v01r04 KDB 66911 D01 Multiple Transmitter Output v02r01	PASS
Evaluation of Test Result	The equipment under test was found to comply with the requirements of the standards applied.

Seal of CVC

Issue Date: 2021.05.26

Tested by:	Reviewed by:	Approved by:
Xu Zhenfei	**Liu YongHai**	**Chen HuaWen**

Other Aspects: NONE.

Abbreviations:OK, Pass= passed Fail = failed N/A= not applicable EUT= equipment, sample(s) under tested

This test report relates only to the EUT, and shall not be reproduced except in full, without written approval of **CVC**.
Note: The report was originally issued on April 20, 2021, and was modified for the first time on May 17, 2021. The modification contents are as follows: Add the description of the worst case; the corresponding revised pages are marked with (XG1) after the original test report number , that is,FCC2021-0003-3(XG1).. And was modified for the first time on May 26, 2021. The modification contents are as follows: Add a result of converting dBm / 10kHz to dBm / 3kHz; Add a column of EIRP results; the corresponding revised pages are marked with (XG2) after the original test report number, that is,FCC2021-0003-3(XG2).

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1. General Product Information

1.1 General information

Product Name	Module	
Model No.	SKI.WB921AU.1	
Power Supply	DC 3.3V	
Serial Number(SN)	B4ADA3CE77D8	
Power Supply	Adapter	/
	Battery	/
Antenna Type	External antenna	
Antenna Gain	Antenna 1: 1.5 dBi Antenna 2: 1.5 dBi (provided by client)	
Beamforming gain	0 dBi (provided by client)	
Frequency Range	U-NII-1: 5150-5250MHz U-NII-2A:5250-5350MHz U-NII-2C:5470-5725MHz U-NII-3: 5725-5850MHz	
Modulation Type	802.11a/n (HT20/HT40) : OFDM 802.11ac (VHT20/VHT40/VHT80): OFDM 802.11ax (HE20/HE40/HE80): OFDM	
Max. Conducted Power	IEEE 802.11A: 17.46 dBm IEEE 802.11N(HT20): 17.17 dBm IEEE 802.11N(HT40): 18.15 dBm IEEE 802.11AC(HT20): 17.58 dBm IEEE 802.11AC(HT40): 16.99 dBm IEEE 802.11AC(HT80): 15.98 dBm IEEE 802.11AX(HT20): 18.37 dBm IEEE 802.11AX(HT40): 19.41 dBm IEEE 802.11AX(HT80): 17.84 dBm	
TPC Function	☐Support ■Not support	
TDWR Band	■Support ☐Not support	
Operate Temp.Range	-40°C to +125°C	

Note：
1. The information of the EUT is declared by the manufacturer.
2. The laboratory is not responsible for the product technical specification provided by the client.

2. Test Sites

2.1 Test Facilities

The tests and measurements refer to this report were performed by EMC testing Lab. of CVC Testing Technology Co., Ltd.

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FCC(Test firm designation number：CN1282)

IC(Test firm CAB identifier number：CN0103)

2.2 Description of Non-standard Method and Deviations

The testing and measurement methods used in this report are applied by all standard methods. Not any non-standard method or deviation from the used standards was used.

2.3 List of Test and Measurement Instruments

Refer to **Appendix E**.

3. Test Configuration

3.1 Test Mode

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

The radiated emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in lie-down position (X axis) and the worst case was recorded.

In order to find the worst case condition, Pre-tests are needed at the presence of different data rate. Preliminary tests have been done on all the configuration for confirming worst case. Data rate below means worst-case rate of each test item.

Worst-case data rates are shown as following table.

Test Mode	Antenna Delivery	Data Rate		
		Antenna 1	Antenna 2	MIMO
IEEE 802.11A TX mode	2TX / 2RX	6	6	/
IEEE 802.11N 20MHz TX mode	2TX / 2RX	MCS 0	MCS 0	MCS 8
IEEE 802.11N 40MHz TX mode	2TX / 2RX	MCS 0	MCS 0	MCS 8
IEEE 802.11AC 20MHz TX mode	2TX / 2RX	MCS 0	MCS 0	MCS 8
IEEE 802.11AC 40MHz TX mode	2TX / 2RX	MCS 0	MCS 0	MCS 8
IEEE 802.11AC 80MHz TX mode	2TX / 2RX	MCS 0	MCS 0	MCS 8
IEEE 802.11AX 20MHz TX mode	2TX / 2RX	MCS 0	MCS 0	MCS 8
IEEE 802.11AX 40MHz TX mode	2TX / 2RX	MCS 0	MCS 0	MCS 8
IEEE 802.11AX 80MHz TX mode	2TX / 2RX	MCS 0	MCS 0	MCS 8

3.2 Duty cycle

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.38	1.76	78.41	---	PASS
	Ant2	5180	0.36	0.72	50.00	---	PASS
	Ant1	5200	1.38	1.76	78.41	---	PASS
	Ant2	5200	0.36	0.70	51.43	---	PASS
	Ant1	5240	1.38	1.76	78.41	---	PASS
	Ant2	5240	0.36	0.70	51.43	---	PASS
	Ant1	5260	1.38	1.77	77.97	---	PASS
	Ant2	5260	0.36	0.71	50.70	---	PASS
	Ant1	5280	1.38	1.76	78.41	---	PASS
	Ant2	5280	0.36	0.70	51.43	---	PASS
	Ant1	5320	1.38	1.76	78.41	---	PASS
	Ant2	5320	0.36	0.71	50.70	---	PASS
	Ant1	5500	1.38	1.76	78.41	---	PASS
	Ant2	5500	0.36	0.70	51.43	---	PASS
	Ant1	5580	1.38	1.76	78.41	---	PASS
	Ant2	5580	0.36	0.72	50.00	---	PASS
	Ant1	5700	1.38	1.76	78.41	---	PASS
	Ant2	5700	0.36	0.70	51.43	---	PASS
	Ant1	5745	1.38	1.76	78.41	---	PASS
	Ant2	5745	0.36	0.72	50.00	---	PASS
	Ant1	5785	1.38	1.76	78.41	---	PASS
	Ant2	5785	0.36	0.58	62.07	---	PASS
	Ant1	5825	1.38	1.76	78.41	---	PASS
	Ant2	5825	0.36	0.72	50.00	---	PASS
11N20SISO	Ant1	5180	1.29	1.67	77.25	---	PASS
	Ant2	5180	0.36	0.70	51.43	---	PASS
	Ant1	5200	1.29	1.67	77.25	---	PASS
	Ant2	5200	0.36	0.70	51.43	---	PASS
	Ant1	5240	1.29	1.67	77.25	---	PASS
	Ant2	5240	0.36	0.70	51.43	---	PASS
	Ant1	5260	1.29	1.67	77.25	---	PASS
	Ant2	5260	0.36	0.70	51.43	---	PASS
	Ant1	5280	1.29	1.67	77.25	---	PASS
	Ant2	5280	0.36	0.70	51.43	---	PASS
	Ant1	5320	1.29	1.67	77.25	---	PASS
	Ant2	5320	0.36	0.70	51.43	---	PASS
	Ant1	5500	1.29	1.67	77.25	---	PASS
	Ant2	5500	0.36	0.70	51.43	---	PASS
	Ant1	5580	1.29	1.67	77.25	---	PASS
	Ant2	5580	0.36	0.70	51.43	---	PASS
	Ant1	5700	1.29	1.67	77.25	---	PASS
	Ant2	5700	0.36	0.70	51.43	---	PASS

	Ant1	5745	1.29	1.67	77.25	---	PASS
	Ant2	5745	0.36	0.70	51.43	---	PASS
	Ant1	5785	1.29	1.67	77.25	---	PASS
	Ant2	5785	0.36	0.70	51.43	---	PASS
	Ant1	5825	1.29	1.68	76.79	---	PASS
	Ant2	5825	0.36	0.70	51.43	---	PASS
11N40SISO	Ant1	5190	0.64	1.03	62.14	---	PASS
	Ant2	5190	0.19	0.54	35.19	---	PASS
	Ant1	5230	0.64	1.00	64.00	---	PASS
	Ant2	5230	0.19	0.54	35.19	---	PASS
	Ant1	5270	0.64	1.00	64.00	---	PASS
	Ant2	5270	0.19	0.54	35.19	---	PASS
	Ant1	5310	0.64	1.00	64.00	---	PASS
	Ant2	5310	0.19	0.54	35.19	---	PASS
	Ant1	5510	0.64	1.00	64.00	---	PASS
	Ant2	5510	0.19	0.55	34.55	---	PASS
	Ant1	5550	0.64	1.00	64.00	---	PASS
	Ant2	5550	0.19	0.54	35.19	---	PASS
	Ant1	5670	0.64	1.00	64.00	---	PASS
	Ant2	5670	0.19	0.54	35.19	---	PASS
	Ant1	5755	0.64	1.03	62.14	---	PASS
	Ant2	5755	0.19	0.54	35.19	---	PASS
	Ant1	5795	0.64	1.00	64.00	---	PASS
	Ant2	5795	0.19	0.55	34.55	---	PASS
11AC20SISO	Ant1	5180	1.30	1.67	77.84	---	PASS
	Ant2	5180	0.36	0.72	50.00	---	PASS
	Ant1	5200	1.30	1.67	77.84	---	PASS
	Ant2	5200	0.36	0.70	51.43	---	PASS
	Ant1	5240	1.30	1.66	78.31	---	PASS
	Ant2	5240	0.36	0.71	50.70	---	PASS
	Ant1	5260	1.30	1.67	77.84	---	PASS
	Ant2	5260	0.36	0.72	50.00	---	PASS
	Ant1	5280	1.30	1.67	77.84	---	PASS
	Ant2	5280	0.36	0.70	51.43	---	PASS
	Ant1	5320	1.30	1.67	77.84	---	PASS
	Ant2	5320	0.36	0.72	50.00	---	PASS
	Ant1	5500	1.30	1.67	77.84	---	PASS
	Ant2	5500	0.36	0.71	50.70	---	PASS
	Ant1	5580	1.30	1.67	77.84	---	PASS
	Ant2	5580	0.36	0.71	50.70	---	PASS
	Ant1	5700	1.30	1.67	77.84	---	PASS
	Ant2	5700	0.36	0.71	50.70	---	PASS
	Ant1	5745	1.30	1.67	77.84	---	PASS
	Ant2	5745	0.36	0.71	50.70	---	PASS
	Ant1	5785	1.30	1.67	77.84	---	PASS
	Ant2	5785	0.36	0.71	50.70	---	PASS
	Ant1	5825	1.30	1.67	77.84	---	PASS

	Ant2	5825	0.36	0.70	51.43	---	PASS
11AC40SISO	Ant1	5190	0.65	1.03	63.11	---	PASS
	Ant2	5190	0.20	0.55	36.36	---	PASS
	Ant1	5230	0.65	1.03	63.11	---	PASS
	Ant2	5230	0.65	1.03	63.11	---	PASS
	Ant1	5270	0.65	1.03	63.11	---	PASS
	Ant2	5270	0.65	1.03	63.11	---	PASS
	Ant1	5310	0.65	1.03	63.11	---	PASS
	Ant2	5310	0.65	1.03	63.11	---	PASS
	Ant1	5510	0.65	1.03	63.11	---	PASS
	Ant2	5510	0.65	1.03	63.11	---	PASS
	Ant1	5550	0.65	1.03	63.11	---	PASS
	Ant2	5550	0.65	1.03	63.11	---	PASS
	Ant1	5670	0.65	1.03	63.11	---	PASS
	Ant2	5670	0.65	1.03	63.11	---	PASS
	Ant1	5755	0.65	1.03	63.11	---	PASS
	Ant2	5755	0.65	1.03	63.11	---	PASS
	Ant1	5795	0.65	1.03	63.11	---	PASS
	Ant2	5795	0.65	1.03	63.11	---	PASS
11AC80SISO	Ant1	5210	0.32	0.70	45.71	---	PASS
	Ant2	5210	0.32	0.70	45.71	---	PASS
	Ant1	5290	0.32	0.70	45.71	---	PASS
	Ant2	5290	0.32	0.70	45.71	---	PASS
	Ant1	5530	0.32	0.70	45.71	---	PASS
	Ant2	5530	0.32	0.70	45.71	---	PASS
	Ant1	5610	0.32	0.70	45.71	---	PASS
	Ant2	5610	0.32	0.70	45.71	---	PASS
	Ant1	5775	0.32	0.70	45.71	---	PASS
	Ant2	5775	0.32	0.70	45.71	---	PASS
11AX20SISO	Ant1	5180	0.31	0.67	46.27	---	PASS
	Ant2	5180	0.31	0.67	46.27	---	PASS
	Ant1	5200	0.31	0.67	46.27	---	PASS
	Ant2	5200	0.31	0.64	48.44	---	PASS
	Ant1	5240	0.31	0.66	46.97	---	PASS
	Ant2	5240	0.31	0.64	48.44	---	PASS
	Ant1	5260	0.31	0.67	46.27	---	PASS
	Ant2	5260	0.31	0.64	48.44	---	PASS
	Ant1	5280	0.31	0.67	46.27	---	PASS
	Ant2	5280	0.31	0.67	46.27	---	PASS
	Ant1	5320	0.31	0.67	46.27	---	PASS
	Ant2	5320	0.31	0.64	48.44	---	PASS
	Ant1	5500	0.31	0.67	46.27	---	PASS
	Ant2	5500	0.31	0.64	48.44	---	PASS
	Ant1	5580	0.31	0.67	46.27	---	PASS
	Ant2	5580	0.31	0.64	48.44	---	PASS
	Ant1	5700	0.31	0.67	46.27	---	PASS
	Ant2	5700	0.31	0.64	48.44	---	PASS

	Ant1	5745	0.31	0.67	46.27	---	PASS
	Ant2	5745	0.31	0.64	48.44	---	PASS
	Ant1	5785	0.31	0.67	46.27	---	PASS
	Ant2	5785	0.31	0.67	46.27	---	PASS
	Ant1	5825	0.31	0.67	46.27	---	PASS
	Ant2	5825	0.31	0.67	46.27	---	PASS
11AX40SISO	Ant1	5190	0.31	0.67	46.27	---	PASS
	Ant2	5190	0.31	0.67	46.27	---	PASS
	Ant1	5230	0.31	0.67	46.27	---	PASS
	Ant2	5230	0.31	0.67	46.27	---	PASS
	Ant1	5270	0.31	0.67	46.27	---	PASS
	Ant2	5270	0.31	0.67	46.27	---	PASS
	Ant1	5310	0.31	0.67	46.27	---	PASS
	Ant2	5310	0.31	0.67	46.27	---	PASS
	Ant1	5510	0.31	0.67	46.27	---	PASS
	Ant2	5510	0.31	0.67	46.27	---	PASS
	Ant1	5550	0.31	0.67	46.27	---	PASS
	Ant2	5550	0.31	0.67	46.27	---	PASS
	Ant1	5670	0.31	0.67	46.27	---	PASS
	Ant2	5670	0.31	0.67	46.27	---	PASS
	Ant1	5755	0.31	0.67	46.27	---	PASS
	Ant2	5755	0.31	0.67	46.27	---	PASS
	Ant1	5795	0.31	0.67	46.27	---	PASS
	Ant2	5795	0.19	0.61	31.15	---	PASS
11AX80SISO	Ant1	5210	0.29	0.67	43.28	---	PASS
	Ant2	5210	0.29	0.67	43.28	---	PASS
	Ant1	5290	0.29	0.67	43.28	---	PASS
	Ant2	5290	0.29	0.67	43.28	---	PASS
	Ant1	5530	0.29	0.67	43.28	---	PASS
	Ant2	5530	0.29	0.67	43.28	---	PASS
	Ant1	5610	0.29	0.47	61.70	---	PASS
	Ant2	5610	0.29	0.67	43.28	---	PASS
	Ant1	5775	0.29	0.67	43.28	---	PASS
	Ant2	5775	0.29	0.67	43.28	---	PASS
11N20MIMO	Ant1	5180	1.29	1.67	77.25	---	PASS
	Ant2	5180	1.29	1.67	77.25	---	PASS
	Ant1	5200	1.29	1.68	76.79	---	PASS
	Ant2	5200	1.29	1.67	77.25	---	PASS
	Ant1	5240	1.29	1.67	77.25	---	PASS
	Ant2	5240	1.29	1.67	77.25	---	PASS
	Ant1	5260	1.29	1.67	77.25	---	PASS
	Ant2	5260	1.29	1.67	77.25	---	PASS
	Ant1	5280	1.29	1.67	77.25	---	PASS
	Ant2	5280	1.29	1.67	77.25	---	PASS
	Ant1	5320	1.29	1.68	76.79	---	PASS
	Ant2	5320	1.29	1.67	77.25	---	PASS
	Ant1	5500	1.29	1.68	76.79	---	PASS

	Ant2	5500	1.29	1.68	76.79	---	PASS
	Ant1	5580	1.29	1.67	77.25	---	PASS
	Ant2	5580	1.29	1.67	77.25	---	PASS
	Ant1	5700	1.29	1.67	77.25	---	PASS
	Ant2	5700	1.29	1.67	77.25	---	PASS
	Ant1	5745	1.29	1.67	77.25	---	PASS
	Ant2	5745	1.29	1.67	77.25	---	PASS
	Ant1	5785	1.29	1.67	77.25	---	PASS
	Ant2	5785	1.29	1.67	77.25	---	PASS
	Ant1	5825	1.29	1.67	77.25	---	PASS
	Ant2	5825	1.29	1.67	77.25	---	PASS
11N40MIMO	Ant1	5190	0.64	1.01	63.37	---	PASS
	Ant2	5190	0.64	1.03	62.14	---	PASS
	Ant1	5230	0.64	1.01	63.37	---	PASS
	Ant2	5230	0.64	1.01	63.37	---	PASS
	Ant1	5270	0.64	1.00	64.00	---	PASS
	Ant2	5270	0.64	1.01	63.37	---	PASS
	Ant1	5310	0.64	1.00	64.00	---	PASS
	Ant2	5310	0.64	1.00	64.00	---	PASS
	Ant1	5510	0.64	1.03	62.14	---	PASS
	Ant2	5510	0.64	1.01	63.37	---	PASS
	Ant1	5550	0.64	1.00	64.00	---	PASS
	Ant2	5550	0.64	1.01	63.37	---	PASS
	Ant1	5670	0.64	1.00	64.00	---	PASS
	Ant2	5670	0.64	1.00	64.00	---	PASS
	Ant1	5755	0.64	1.00	64.00	---	PASS
	Ant2	5755	0.64	1.01	63.37	---	PASS
	Ant1	5795	0.64	1.01	63.37	---	PASS
	Ant2	5795	0.64	1.00	64.00	---	PASS
11AC20MIMO	Ant1	5180	0.67	1.03	65.05	---	PASS
	Ant2	5180	0.67	1.06	63.21	---	PASS
	Ant1	5200	0.67	1.06	63.21	---	PASS
	Ant2	5200	0.67	1.06	63.21	---	PASS
	Ant1	5240	0.67	1.06	63.21	---	PASS
	Ant2	5240	0.67	1.03	65.05	---	PASS
	Ant1	5260	0.67	1.06	63.21	---	PASS
	Ant2	5260	0.67	1.06	63.21	---	PASS
	Ant1	5280	0.67	1.03	65.05	---	PASS
	Ant2	5280	0.67	1.03	65.05	---	PASS
	Ant1	5320	0.67	1.03	65.05	---	PASS
	Ant2	5320	0.67	1.03	65.05	---	PASS
	Ant1	5500	0.67	1.03	65.05	---	PASS
	Ant2	5500	0.67	1.06	63.21	---	PASS
	Ant1	5580	0.67	1.03	65.05	---	PASS
	Ant2	5580	0.67	1.03	65.05	---	PASS
	Ant1	5700	0.67	1.03	65.05	---	PASS
	Ant2	5700	0.67	1.07	62.62	---	PASS

	Ant1	5745	0.67	1.03	65.05	---	PASS
	Ant2	5745	0.67	1.03	65.05	---	PASS
	Ant1	5785	0.67	1.07	62.62	---	PASS
	Ant2	5785	0.67	1.06	63.21	---	PASS
	Ant1	5825	0.67	1.03	65.05	---	PASS
	Ant2	5825	0.67	1.03	65.05	---	PASS
11AC40MIMO	Ant1	5190	0.35	0.73	47.95	---	PASS
	Ant2	5190	0.35	0.73	47.95	---	PASS
	Ant1	5230	0.35	0.73	47.95	---	PASS
	Ant2	5230	0.35	0.73	47.95	---	PASS
	Ant1	5270	0.35	0.73	47.95	---	PASS
	Ant2	5270	0.35	0.73	47.95	---	PASS
	Ant1	5310	0.35	0.73	47.95	---	PASS
	Ant2	5310	0.35	0.72	48.61	---	PASS
	Ant1	5510	0.35	0.73	47.95	---	PASS
	Ant2	5510	0.35	0.72	48.61	---	PASS
	Ant1	5550	0.35	0.72	48.61	---	PASS
	Ant2	5550	0.35	0.73	47.95	---	PASS
	Ant1	5670	0.35	0.73	47.95	---	PASS
	Ant2	5670	0.35	0.73	47.95	---	PASS
	Ant1	5755	0.35	0.73	47.95	---	PASS
	Ant2	5755	0.35	0.73	47.95	---	PASS
	Ant1	5795	0.35	0.73	47.95	---	PASS
	Ant2	5795	0.35	0.72	48.61	---	PASS
11AC80MIMO	Ant1	5210	0.19	0.55	34.55	---	PASS
	Ant2	5210	0.19	0.55	34.55	---	PASS
	Ant1	5290	0.19	0.55	34.55	---	PASS
	Ant2	5290	0.19	0.55	34.55	---	PASS
	Ant1	5530	0.18	0.55	32.73	---	PASS
	Ant2	5530	0.18	0.55	32.73	---	PASS
	Ant1	5610	0.19	0.57	33.33	---	PASS
	Ant2	5610	0.19	0.57	33.33	---	PASS
	Ant1	5775	0.19	0.57	33.33	---	PASS
	Ant2	5775	0.18	0.57	31.58	---	PASS
11AX20MIMO	Ant1	5180	0.20	0.55	36.36	---	PASS
	Ant2	5180	0.20	0.55	36.36	---	PASS
	Ant1	5200	0.20	0.55	36.36	---	PASS
	Ant2	5200	0.20	0.55	36.36	---	PASS
	Ant1	5240	0.20	0.56	35.71	---	PASS
	Ant2	5240	0.20	0.55	36.36	---	PASS
	Ant1	5260	0.20	0.55	36.36	---	PASS
	Ant2	5260	0.20	0.54	37.04	---	PASS
	Ant1	5280	0.20	0.54	37.04	---	PASS
	Ant2	5280	0.20	0.54	37.04	---	PASS
	Ant1	5320	0.20	0.55	36.36	---	PASS
	Ant2	5320	0.20	0.55	36.36	---	PASS
	Ant1	5500	0.20	0.55	36.36	---	PASS

	Ant2	5500	0.20	0.55	36.36	---	PASS
	Ant1	5580	0.20	0.55	36.36	---	PASS
	Ant2	5580	0.20	0.54	37.04	---	PASS
	Ant1	5700	0.20	0.55	36.36	---	PASS
	Ant2	5700	0.20	0.55	36.36	---	PASS
	Ant1	5745	0.20	0.55	36.36	---	PASS
	Ant2	5745	0.20	0.55	36.36	---	PASS
	Ant1	5785	0.20	0.54	37.04	---	PASS
	Ant2	5785	0.20	0.55	36.36	---	PASS
	Ant1	5825	0.20	0.55	36.36	---	PASS
	Ant2	5825	0.20	0.54	37.04	---	PASS
11AX40MIMO	Ant1	5190	0.20	0.55	36.36	---	PASS
	Ant2	5190	0.20	0.55	36.36	---	PASS
	Ant1	5230	0.20	0.54	37.04	---	PASS
	Ant2	5230	0.20	0.54	37.04	---	PASS
	Ant1	5270	0.20	0.55	36.36	---	PASS
	Ant2	5270	0.20	0.55	36.36	---	PASS
	Ant1	5310	0.20	0.55	36.36	---	PASS
	Ant2	5310	0.20	0.55	36.36	---	PASS
	Ant1	5510	0.20	0.55	36.36	---	PASS
	Ant2	5510	0.20	0.55	36.36	---	PASS
	Ant1	5550	0.20	0.54	37.04	---	PASS
	Ant2	5550	0.20	0.55	36.36	---	PASS
	Ant1	5670	0.20	0.55	36.36	---	PASS
	Ant2	5670	0.20	0.55	36.36	---	PASS
	Ant1	5755	0.20	0.55	36.36	---	PASS
	Ant2	5755	0.20	0.54	37.04	---	PASS
	Ant1	5795	0.20	0.56	35.71	---	PASS
	Ant2	5795	0.20	0.54	37.04	---	PASS
11AX80MIMO	Ant1	5210	0.19	0.58	32.76	---	PASS
	Ant2	5210	0.19	0.58	32.76	---	PASS
	Ant1	5290	0.19	0.58	32.76	---	PASS
	Ant2	5290	0.19	0.58	32.76	---	PASS
	Ant1	5530	0.19	0.58	32.76	---	PASS
	Ant2	5530	0.19	0.53	35.85	---	PASS
	Ant1	5610	0.19	0.58	32.76	---	PASS
	Ant2	5610	0.19	0.58	32.76	---	PASS
	Ant1	5775	0.19	0.58	32.76	---	PASS
	Ant2	5775	0.19	0.58	32.76	---	PASS

4. Summary of measurement results

Summary of measurements of results	Clause in FCC rules	Clause in IC rules	Verdict	Note
Conducted Emissions	15.207	RSS-Gen 8.8	PASS	/
Maximum conducted output power	15.407(a)	RSS-247-6.2	PASS	/
Maximum Power spectral density	15.407(a)	RSS-247-6.2	PASS	/
Unwanted Emissions	15.407(b)	RSS-Gen 8.9	PASS	/
Emission Bandwidth and Occupied Bandwidth	15.407(e)	RSS-GEN-6.6 RSS-247-6.2	PASS	/
Frequency stability	15.407(g)	RSS-GEN-6.11	PASS	/

5. Measurement procedure

5.1 Conducted Emission

Ambient condition:

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Method of Measurement:

The EUT IS placed on a non-metallic table of 80cm height above the horizontal metal reference ground plane. During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.10-2013.Connect the AC power line of the EUT to the LISN Use EMI receiver to detect the average and Quasi-peak value. RBW is set to 9kHz, VBW is set to 30kHz The measurement result should include both L line and N line.

The test is in transmitting mode.

Limits:

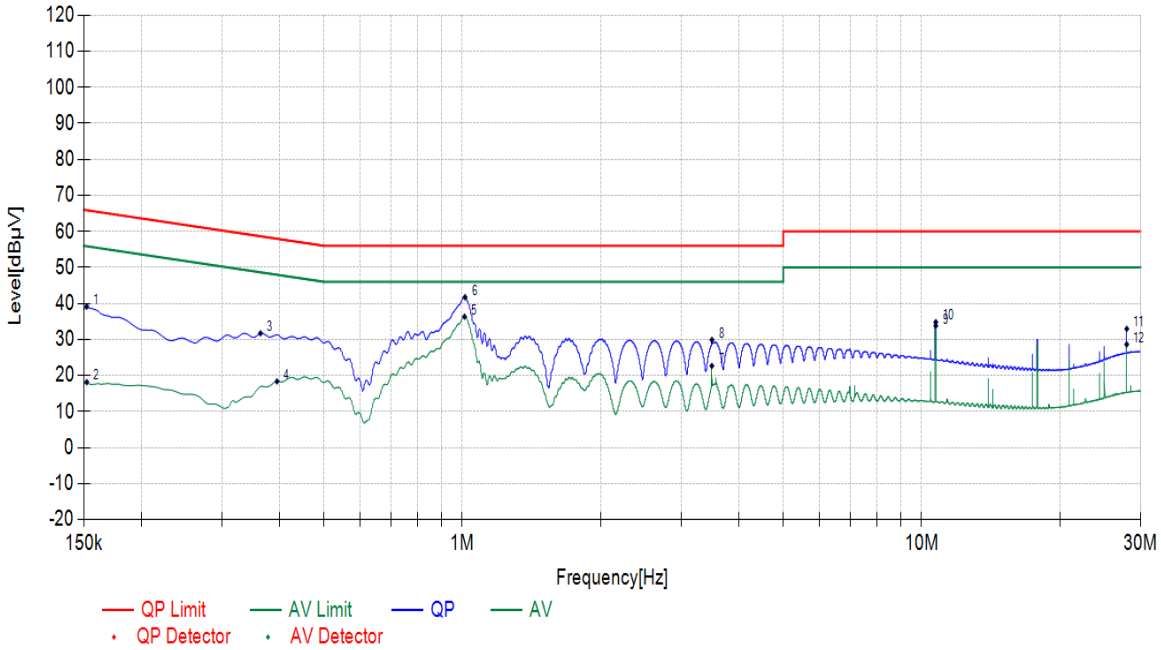
Frequency (MHz)	Conducted Limits(dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46*
0.5 - 5	56	46
5 - 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.		

Test Results:

During the test, the Conducted Emission from 150KHz to 30MHz was performed in all modes with all channels, and all antenna. 802.11ax40, Channel 38, MIMO are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

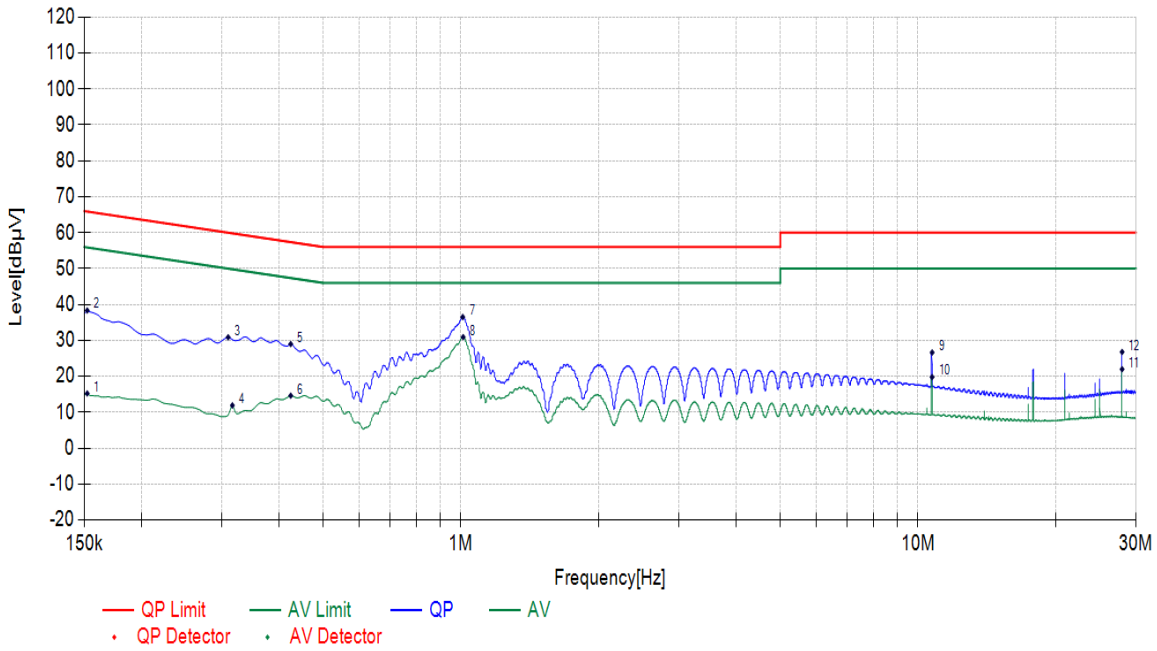
Power Line	L
Test channel	Worst-Case

Suspected List								
NO.	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV]	Limit [dBµV]	Margin [dB]	Detector	Pass/Fail
1	0.1523	10.16	28.96	39.12	65.88	26.76	QP	PASS
10	10.7385	10.36	24.45	34.81	60.00	25.19	QP	PASS
11	27.9645	10.59	22.36	32.95	60.00	27.05	QP	PASS
8	3.4958	10.21	19.66	29.87	56.00	26.13	QP	PASS
6	1.0140	10.17	31.54	41.71	56.00	14.29	QP	PASS
3	0.3638	10.15	21.57	31.72	58.64	26.92	QP	PASS
9	10.7385	10.36	23.42	33.78	50.00	16.22	AV	PASS
2	0.1523	10.16	7.99	18.15	55.88	37.73	AV	PASS
4	0.3953	10.15	8.19	18.34	47.95	29.61	AV	PASS
5	1.0118	10.17	26.17	36.34	46.00	9.66	AV	PASS
7	3.4958	10.21	12.43	22.64	46.00	23.36	AV	PASS
12	27.9645	10.59	18.02	28.61	50.00	21.39	AV	PASS



Power Line	N
Test channel	Worst-Case

Suspected List								
NO.	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV]	Limit [dBµV]	Margin [dB]	Detector	Pass/Fail
12	27.9645	10.67	16.60	26.77	60.00	33.23	QP	PASS
3	0.3098	10.14	21.22	30.86	59.98	29.12	QP	PASS
7	1.0095	10.17	26.85	36.52	56.00	19.48	QP	PASS
2	0.1523	10.15	28.66	38.31	65.88	27.57	QP	PASS
9	10.7385	10.37	16.76	26.63	60.00	33.37	QP	PASS
5	0.4245	10.15	19.33	28.98	57.36	28.38	QP	PASS
4	0.3165	10.14	1.76	11.90	49.80	37.90	AV	PASS
6	0.4245	10.15	4.45	14.60	47.36	32.76	AV	PASS
10	10.7385	10.37	9.41	19.78	50.00	30.22	AV	PASS
11	27.9645	10.67	11.30	21.97	50.00	28.03	AV	PASS
8	1.0118	10.17	20.74	30.91	46.00	15.09	AV	PASS
1	0.1523	10.15	5.07	15.22	55.88	40.66	AV	PASS



5.2 Maximum conducted output power

Ambient condition:

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

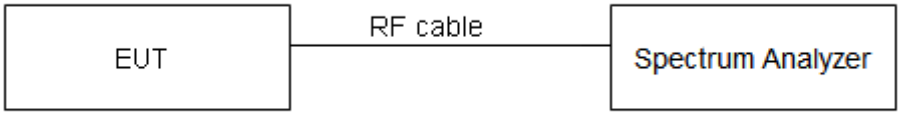
Method of Measurement:

During the process of the testing, The EUT was connected to spectrum analyzer through an external attenuator and a known loss cable. The EUT is max power transmission with proper modulation. We use Maximum average Conducted Output Power Level Method in KDB789033 for this test
The conducted Power is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically.

Limits:

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Setup:



Measurement Uncertainty：

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U= 0.44 dB.

Test Results:

TestMode	Antenna	Channel	Output Power[dBm]	Limit[dBm]	E.I.R.P[dBm]	E.I.R.P Limit(dBm)	Verdict
11A	Ant1	5180	17.46	---	18.96	<=22.83	PASS
	Ant2	5180	16.39	---	17.89	<=22.76	PASS
	Ant1	5200	17.39	---	18.89	<=22.82	PASS
	Ant2	5200	16.56	---	18.06	<=22.83	PASS
	Ant1	5240	16.95	---	18.45	<=22.37	PASS
	Ant2	5240	15.52	---	17.02	<=22.35	PASS
	Ant1	5260	15.75	<=23.98	17.25	<=29.81	PASS
	Ant2	5260	15.36	<=23.98	16.86	<=29.84	PASS
	Ant1	5280	15.46	<=23.98	16.96	<=29.80	PASS
	Ant2	5280	15.02	<=23.98	16.52	<=29.76	PASS
	Ant1	5320	15.67	<=23.98	17.17	<=29.82	PASS
	Ant2	5320	15.36	<=23.98	16.86	<=29.89	PASS
	Ant1	5500	15.95	<=23.98	17.45	<=29.84	PASS
	Ant2	5500	15.70	<=23.98	17.20	<=29.81	PASS
	Ant1	5580	16.38	<=23.98	17.88	<=29.83	PASS
	Ant2	5580	16.78	<=23.98	18.28	<=29.75	PASS
	Ant1	5700	15.24	<=23.98	16.74	<=29.81	PASS
	Ant2	5700	15.67	<=23.98	17.17	<=29.85	PASS
	Ant1	5745	15.43	<=30	16.93	---	PASS
	Ant2	5745	16.60	<=30	18.10	---	PASS
	Ant1	5785	15.64	<=30	17.14	---	PASS
	Ant2	5785	15.65	<=30	17.15	---	PASS
	Ant1	5825	16.26	<=30	17.76	---	PASS
	Ant2	5825	17.32	<=30	18.82	---	PASS
11N20SISO	Ant1	5180	16.83	---	18.33	<=23	PASS
	Ant2	5180	16.46	---	17.96	<=22.94	PASS
	Ant1	5200	16.77	---	18.27	<=23	PASS
	Ant2	5200	16.68	---	18.18	<=23	PASS
	Ant1	5240	16.34	---	17.84	<=22.61	PASS
	Ant2	5240	15.88	---	17.38	<=22.58	PASS
	Ant1	5260	15.68	<=23.98	17.18	<=30	PASS
	Ant2	5260	15.21	<=23.98	16.71	<=30	PASS
	Ant1	5280	15.68	<=23.98	17.18	<=30	PASS
	Ant2	5280	14.99	<=23.98	16.49	<=29.97	PASS
	Ant1	5320	15.57	<=23.98	17.07	<=30	PASS
	Ant2	5320	15.21	<=23.98	16.71	<=30	PASS
	Ant1	5500	15.83	<=23.98	17.33	<=30	PASS
	Ant2	5500	15.65	<=23.98	17.15	<=30	PASS

	Ant1	5580	16.01	<=23.98	17.51	<=30	PASS
	Ant2	5580	17.16	<=23.98	18.66	<=29.94	PASS
	Ant1	5700	14.65	<=23.98	16.15	<=30.00	PASS
	Ant2	5700	15.34	<=23.98	16.84	<=30	PASS
	Ant1	5745	15.35	<=30	16.85	---	PASS
	Ant2	5745	16.41	<=30	17.91	---	PASS
	Ant1	5785	15.80	<=30	17.30	---	PASS
	Ant2	5785	17.12	<=30	18.62	---	PASS
	Ant1	5825	15.97	<=30	17.47	---	PASS
	Ant2	5825	17.17	<=30	18.67	---	PASS
11N40SISO	Ant1	5190	16.49	---	17.99	<=23	PASS
	Ant2	5190	16.83	---	18.33	<=23	PASS
	Ant1	5230	16.01	---	17.51	<=23	PASS
	Ant2	5230	16.36	---	17.86	<=23	PASS
	Ant1	5270	15.03	<=23.98	16.53	<=30	PASS
	Ant2	5270	15.34	<=23.98	16.84	<=30	PASS
	Ant1	5310	14.84	<=23.98	16.34	<=30	PASS
	Ant2	5310	15.47	<=23.98	16.97	<=30	PASS
	Ant1	5510	15.06	<=23.98	16.56	<=30	PASS
	Ant2	5510	16.21	<=23.98	17.71	<=30	PASS
	Ant1	5550	15.95	<=23.98	17.45	<=30	PASS
	Ant2	5550	16.83	<=23.98	18.33	<=30	PASS
	Ant1	5670	13.98	<=23.98	15.48	<=30	PASS
	Ant2	5670	15.54	<=23.98	17.04	<=30	PASS
	Ant1	5755	14.55	<=30	16.05	---	PASS
	Ant2	5755	16.72	<=30	18.22	---	PASS
	Ant1	5795	14.96	<=30	16.46	---	PASS
	Ant2	5795	18.15	<=30	19.65	---	PASS
11AC20SISO	Ant1	5180	16.83	---	18.33	<=23	PASS
	Ant2	5180	16.49	---	17.99	<=22.96	PASS
	Ant1	5200	16.53	---	18.03	<=23	PASS
	Ant2	5200	16.34	---	17.84	<=23	PASS
	Ant1	5240	16.30	---	17.80	<=22.58	PASS
	Ant2	5240	16.14	---	17.64	<=22.56	PASS
	Ant1	5260	15.93	<=23.98	17.43	<=30	PASS
	Ant2	5260	15.23	<=23.98	16.73	<=30	PASS
	Ant1	5280	15.43	<=23.98	16.93	<=29.95	PASS
	Ant2	5280	14.81	<=23.98	16.31	<=29.97	PASS
	Ant1	5320	15.08	<=23.98	16.58	<=29.99	PASS
	Ant2	5320	15.27	<=23.98	16.77	<=30	PASS
	Ant1	5500	15.85	<=23.98	17.35	<=30	PASS
	Ant2	5500	15.59	<=23.98	17.09	<=30	PASS
	Ant1	5580	16.63	<=23.98	18.13	<=29.95	PASS
	Ant2	5580	16.01	<=23.98	17.51	<=29.96	PASS
	Ant1	5700	15.19	<=23.98	16.69	<=30	PASS
	Ant2	5700	16.11	<=23.98	17.61	<=30	PASS
	Ant1	5745	14.92	<=30	16.42	---	PASS
	Ant2	5745	15.40	<=30	16.90	---	PASS
	Ant1	5785	15.62	<=30	17.12	---	PASS
	Ant2	5785	16.89	<=30	18.39	---	PASS
	Ant1	5825	15.47	<=30	16.97	---	PASS
	Ant2	5825	17.58	<=30	19.08	---	PASS
11AC40SISO	Ant1	5190	16.54	---	18.04	<=23	PASS
	Ant2	5190	16.99	---	18.49	<=23	PASS
	Ant1	5230	16.14	---	17.64	<=23	PASS
	Ant2	5230	14.16	---	15.66	<=23	PASS
	Ant1	5270	15.20	<=23.98	16.70	<=30	PASS
	Ant2	5270	13.14	<=23.98	14.64	<=30	PASS
	Ant1	5310	15.02	<=23.98	16.52	<=30	PASS
	Ant2	5310	13.37	<=23.98	14.87	<=30	PASS
	Ant1	5510	15.49	<=23.98	16.99	<=30	PASS
	Ant2	5510	13.70	<=23.98	15.20	<=30	PASS
	Ant1	5550	16.13	<=23.98	17.63	<=30	PASS
	Ant2	5550	14.66	<=23.98	16.16	<=30	PASS

	Ant1	5670	14.65	<=23.98	16.15	<=30	PASS
	Ant2	5670	13.82	<=23.98	15.32	<=30	PASS
	Ant1	5755	15.36	<=30	16.86	---	PASS
	Ant2	5755	13.69	<=30	15.19	---	PASS
	Ant1	5795	15.65	<=30	17.15	---	PASS
	Ant2	5795	15.57	<=30	17.07	---	PASS
11AC80SISO	Ant1	5210	15.98	---	17.48	<=23	PASS
	Ant2	5210	13.53	---	15.03	<=23	PASS
	Ant1	5290	15.29	<=23.98	16.79	<=30	PASS
	Ant2	5290	12.90	<=23.98	14.40	<=30	PASS
	Ant1	5530	15.64	<=23.98	17.14	<=30	PASS
	Ant2	5530	13.84	<=23.98	15.34	<=30	PASS
	Ant1	5610	15.83	<=23.98	17.33	<=30	PASS
	Ant2	5610	14.84	<=23.98	16.34	<=30	PASS
	Ant1	5775	14.70	<=30	16.20	---	PASS
	Ant2	5775	14.17	<=30	15.67	---	PASS
11AX20SISO	Ant1	5180	18.20	---	19.70	<=22.88	PASS
	Ant2	5180	16.76	---	18.26	<=22.93	PASS
	Ant1	5200	17.77	---	19.27	<=22.91	PASS
	Ant2	5200	16.57	---	18.07	<=22.96	PASS
	Ant1	5240	17.32	---	18.82	<=22.76	PASS
	Ant2	5240	16.01	---	17.51	<=22.76	PASS
	Ant1	5260	16.98	<=23.98	18.48	<=29.93	PASS
	Ant2	5260	15.01	<=23.98	16.51	<=29.94	PASS
	Ant1	5280	16.25	<=23.98	17.75	<=29.86	PASS
	Ant2	5280	15.24	<=23.98	16.74	<=29.94	PASS
	Ant1	5320	16.67	<=23.98	18.17	<=29.90	PASS
	Ant2	5320	15.33	<=23.98	16.83	<=29.96	PASS
	Ant1	5500	16.87	<=23.98	18.37	<=29.89	PASS
	Ant2	5500	15.70	<=23.98	17.20	<=29.94	PASS
	Ant1	5580	17.04	<=23.98	18.54	<=29.88	PASS
	Ant2	5580	16.85	<=23.98	18.35	<=29.94	PASS
	Ant1	5700	16.16	<=23.98	17.66	<=29.91	PASS
	Ant2	5700	16.17	<=23.98	17.67	<=29.93	PASS
	Ant1	5745	16.91	<=30	18.41	---	PASS
	Ant2	5745	16.73	<=30	18.23	---	PASS
	Ant1	5785	15.87	<=30	17.37	---	PASS
	Ant2	5785	16.92	<=30	18.42	---	PASS
	Ant1	5825	16.69	<=30	18.19	---	PASS
	Ant2	5825	18.37	<=30	19.87	---	PASS
11AX40SISO	Ant1	5190	18.02	---	19.52	<=23	PASS
	Ant2	5190	16.94	---	18.44	<=23	PASS
	Ant1	5230	17.11	---	18.61	<=23	PASS
	Ant2	5230	16.50	---	18.00	<=23	PASS
	Ant1	5270	16.41	<=23.98	17.91	<=30	PASS
	Ant2	5270	15.45	<=23.98	16.95	<=30	PASS
	Ant1	5310	16.27	<=23.98	17.77	<=30	PASS
	Ant2	5310	15.73	<=23.98	17.23	<=30	PASS
	Ant1	5510	16.69	<=23.98	18.19	<=30	PASS
	Ant2	5510	16.38	<=23.98	17.88	<=30	PASS
	Ant1	5550	17.36	<=23.98	18.86	<=30	PASS
	Ant2	5550	16.99	<=23.98	18.49	<=30	PASS
	Ant1	5670	15.34	<=23.98	16.84	<=30	PASS
	Ant2	5670	16.48	<=23.98	17.98	<=30	PASS
	Ant1	5755	16.57	<=30	18.07	---	PASS
	Ant2	5755	17.15	<=30	18.65	---	PASS
	Ant1	5795	16.08	<=30	17.58	---	PASS
	Ant2	5795	19.41	<=30	20.91	---	PASS
11AX80SISO	Ant1	5210	17.84	---	19.34	<=23	PASS
	Ant2	5210	16.44	---	17.94	<=23	PASS
	Ant1	5290	16.32	<=23.98	17.82	<=30	PASS
	Ant2	5290	15.88	<=23.98	17.38	<=30	PASS
	Ant1	5530	17.22	<=23.98	18.72	<=30	PASS
	Ant2	5530	16.52	<=23.98	18.02	<=30	PASS

	Ant1	5610	16.23	<=23.98	17.73	<=30	PASS
	Ant2	5610	17.79	<=23.98	19.29	<=30	PASS
	Ant1	5775	16.56	<=30	18.06	---	PASS
	Ant2	5775	16.81	<=30	18.31	---	PASS
11N20MIMO	Ant1	5180	17.12	---	18.62	<=22.99	PASS
	Ant2	5180	15.44	---	16.94	<=22.71	PASS
	total	5180	19.4	---	20.87	<=22.71	PASS
	Ant1	5200	16.82	---	18.32	<=22.99	PASS
	Ant2	5200	15.73	---	17.23	<=22.73	PASS
	total	5200	19.3	---	20.82	<=22.73	PASS
	Ant1	5240	16.23	---	17.73	<=22.62	PASS
	Ant2	5240	15.11	---	16.61	<=22.53	PASS
	total	5240	18.7	---	20.22	<=22.53	PASS
	Ant1	5260	15.86	<=23.98	17.36	<=30	PASS
	Ant2	5260	14.69	<=23.98	16.19	<=30	PASS
	total	5260	18.3	<=23.98	19.82	<=30	PASS
	Ant1	5280	15.39	<=23.98	16.89	<=30	PASS
	Ant2	5280	13.88	<=23.98	15.38	<=30	PASS
	total	5280	17.7	<=23.98	19.21	<=30	PASS
	Ant1	5320	15.57	<=23.98	17.07	<=30	PASS
	Ant2	5320	14.15	<=23.98	15.65	<=29.86	PASS
	total	5320	17.9	<=23.98	19.43	<=29.86	PASS
	Ant1	5500	15.89	<=23.98	17.39	<=30	PASS
	Ant2	5500	15.15	<=23.98	16.65	<=29.85	PASS
	total	5500	18.5	<=23.98	20.05	<=29.85	PASS
	Ant1	5580	16.44	<=23.98	17.94	<=30	PASS
	Ant2	5580	15.91	<=23.98	17.41	<=29.86	PASS
	total	5580	19.2	<=23.98	20.69	<=29.86	PASS
	Ant1	5700	15.04	<=23.98	16.54	<=30	PASS
	Ant2	5700	15.14	<=23.98	16.64	<=29.76	PASS
	total	5700	18.1	<=23.98	19.60	<=29.76	PASS
	Ant1	5745	15.47	<=30	16.97	---	PASS
	Ant2	5745	15.74	<=30	17.24	---	PASS
	total	5745	18.6	<=30	20.12	---	PASS
	Ant1	5785	15.68	<=30	17.18	---	PASS
	Ant2	5785	15.71	<=30	17.21	---	PASS
	total	5785	18.7	<=30	20.21	---	PASS
	Ant1	5825	15.99	<=30	17.49	---	PASS
	Ant2	5825	16.36	<=30	17.86	---	PASS
	total	5825	19.2	<=30	20.69	---	PASS
11N40MIMO	Ant1	5190	16.50	---	18.00	<=23	PASS
	Ant2	5190	15.42	---	16.92	<=23	PASS
	total	5190	19.0	---	20.50	<=23	PASS
	Ant1	5230	15.81	---	17.31	<=23	PASS
	Ant2	5230	15.24	---	16.74	<=23	PASS
	total	5230	18.5	---	20.04	<=23	PASS
	Ant1	5270	14.81	<=23.98	16.31	<=30	PASS
	Ant2	5270	13.80	<=23.98	15.30	<=30	PASS
	total	5270	17.3	<=23.98	18.84	<=30	PASS
	Ant1	5310	14.90	<=23.98	16.40	<=30	PASS
	Ant2	5310	13.64	<=23.98	15.14	<=30	PASS
	total	5310	17.3	<=23.98	18.83	<=30	PASS
	Ant1	5510	15.50	<=23.98	17.00	<=30	PASS
	Ant2	5510	14.92	<=23.98	16.42	<=30	PASS
	total	5510	18.2	<=23.98	19.73	<=30	PASS
	Ant1	5550	15.76	<=23.98	17.26	<=30	PASS
	Ant2	5550	15.47	<=23.98	16.97	<=30	PASS
	total	5550	18.6	<=23.98	20.13	<=30	PASS
	Ant1	5670	14.19	<=23.98	15.69	<=30	PASS
	Ant2	5670	14.78	<=23.98	16.28	<=30	PASS
	total	5670	17.5	<=23.98	19.01	<=30	PASS
	Ant1	5755	14.61	<=30	16.11	---	PASS
	Ant2	5755	15.25	<=30	16.75	---	PASS
	total	5755	18.0	<=30	19.45	---	PASS

	Ant1	5795	14.97	<=30	16.47	---	PASS
	Ant2	5795	16.29	<=30	17.79	---	PASS
	total	5795	18.7	<=30	20.19	---	PASS
11AC20MIMO	Ant1	5180	17.48	---	18.98	<=23.00	PASS
	Ant2	5180	16.19	---	17.69	<=22.70	PASS
	total	5180	19.9	---	21.39	<=22.70	PASS
	Ant1	5200	17.54	---	19.04	<=22.98	PASS
	Ant2	5200	16.78	---	18.28	<=22.74	PASS
	total	5200	20.2	---	21.69	<=22.74	PASS
	Ant1	5240	17.27	---	18.77	<=22.59	PASS
	Ant2	5240	15.48	---	16.98	<=22.50	PASS
	total	5240	19.5	---	20.98	<=22.50	PASS
	Ant1	5260	16.66	<=23.98	18.16	<=30	PASS
	Ant2	5260	15.20	<=23.98	16.70	<=30	PASS
	total	5260	19.0	<=23.98	20.50	<=30	PASS
	Ant1	5280	16.08	<=23.98	17.58	<=30.00	PASS
	Ant2	5280	14.82	<=23.98	16.32	<=30	PASS
	total	5280	18.5	<=23.98	20.01	<=30	PASS
	Ant1	5320	15.96	<=23.98	17.46	<=30	PASS
	Ant2	5320	14.97	<=23.98	16.47	<=29.86	PASS
	total	5320	18.5	<=23.98	20.00	<=29.86	PASS
	Ant1	5500	16.52	<=23.98	18.02	<=30	PASS
	Ant2	5500	15.66	<=23.98	17.16	<=29.86	PASS
	total	5500	19.1	<=23.98	20.62	<=29.86	PASS
	Ant1	5580	17.16	<=23.98	18.66	<=29.99	PASS
	Ant2	5580	16.78	<=23.98	18.28	<=29.86	PASS
	total	5580	20.0	<=23.98	21.48	<=29.86	PASS
	Ant1	5700	16.47	<=23.98	17.97	<=29.98	PASS
	Ant2	5700	15.82	<=23.98	17.32	<=29.76	PASS
	total	5700	19.2	<=23.98	20.67	<=29.76	PASS
	Ant1	5745	15.18	<=30	16.68	---	PASS
	Ant2	5745	16.45	<=30	17.95	---	PASS
	total	5745	18.9	<=30	20.37	---	PASS
	Ant1	5785	15.80	<=30	17.30	---	PASS
	Ant2	5785	16.80	<=30	18.30	---	PASS
	total	5785	19.3	<=30	20.84	---	PASS
	Ant1	5825	16.44	<=30	17.94	---	PASS
	Ant2	5825	17.06	<=30	18.56	---	PASS
	total	5825	19.8	<=30	21.27	---	PASS
11AC40MIMO	Ant1	5190	17.35	---	18.85	<=23	PASS
	Ant2	5190	16.77	---	18.27	<=23	PASS
	total	5190	20.1	---	21.58	<=23	PASS
	Ant1	5230	16.70	---	18.20	<=23	PASS
	Ant2	5230	16.05	---	17.55	<=23	PASS
	total	5230	19.4	---	20.90	<=23	PASS
	Ant1	5270	16.29	<=23.98	17.79	<=30	PASS
	Ant2	5270	14.93	<=23.98	16.43	<=30	PASS
	total	5270	18.7	<=23.98	20.17	<=30	PASS
	Ant1	5310	15.84	<=23.98	17.34	<=30	PASS
	Ant2	5310	15.23	<=23.98	16.73	<=30	PASS
	total	5310	18.6	<=23.98	20.06	<=30	PASS
	Ant1	5510	16.60	<=23.98	18.10	<=30	PASS
	Ant2	5510	16.06	<=23.98	17.56	<=30	PASS
	total	5510	19.3	<=23.98	20.85	<=30	PASS
	Ant1	5550	16.65	<=23.98	18.15	<=30	PASS
	Ant2	5550	16.63	<=23.98	18.13	<=30	PASS
	total	5550	19.7	<=23.98	21.15	<=30	PASS
	Ant1	5670	15.18	<=23.98	16.68	<=30	PASS
	Ant2	5670	15.99	<=23.98	17.49	<=30	PASS
	total	5670	18.6	<=23.98	20.11	<=30	PASS
	Ant1	5755	16.10	<=30	17.60	---	PASS
	Ant2	5755	16.18	<=30	17.68	---	PASS
	total	5755	19.2	<=30	20.65	---	PASS
	Ant1	5795	15.88	<=30	17.38	---	PASS

	Ant2	5795	17.43	<=30	18.93	---	PASS
	total	5795	19.7	<=30	21.23	---	PASS
11AC80MIMO	Ant1	5210	16.90	---	18.40	<=23	PASS
	Ant2	5210	16.06	---	17.56	<=23	PASS
	total	5210	19.5	---	21.01	<=23	PASS
	Ant1	5290	15.61	<=23.98	17.11	<=30	PASS
	Ant2	5290	15.25	<=23.98	16.75	<=30	PASS
	total	5290	18.4	<=23.98	19.94	<=30	PASS
	Ant1	5530	17.02	<=23.98	18.52	<=30	PASS
	Ant2	5530	16.39	<=23.98	17.89	<=30	PASS
	total	5530	19.7	<=23.98	21.23	<=30	PASS
	Ant1	5610	17.74	<=23.98	19.24	<=30	PASS
	Ant2	5610	17.83	<=23.98	19.33	<=30	PASS
	total	5610	20.8	<=23.98	22.30	<=30	PASS
	Ant1	5775	15.98	<=30	17.48	---	PASS
	Ant2	5775	17.57	<=30	19.07	---	PASS
	total	5775	19.9	<=30	21.36	---	PASS
11AX20MIMO	Ant1	5180	18.00	---	19.50	<=22.96	PASS
	Ant2	5180	16.28	---	17.78	<=22.90	PASS
	total	5180	20.2	---	21.73	<=22.90	PASS
	Ant1	5200	17.45	---	18.95	<=22.95	PASS
	Ant2	5200	16.56	---	18.06	<=22.95	PASS
	total	5200	20.0	---	21.54	<=22.95	PASS
	Ant1	5240	17.60	---	19.10	<=22.77	PASS
	Ant2	5240	15.96	---	17.46	<=22.76	PASS
	total	5240	19.9	---	21.37	<=22.76	PASS
	Ant1	5260	16.80	<=23.98	18.30	<=29.94	PASS
	Ant2	5260	14.88	<=23.98	16.38	<=30.00	PASS
	total	5260	19.0	<=23.98	20.46	<=30.00	PASS
	Ant1	5280	16.30	<=23.98	17.80	<=29.98	PASS
	Ant2	5280	14.90	<=23.98	16.40	<=30	PASS
	total	5280	18.7	<=23.98	20.17	<=30	PASS
	Ant1	5320	16.24	<=23.98	17.74	<=29.94	PASS
	Ant2	5320	15.20	<=23.98	16.70	<=29.97	PASS
	total	5320	18.8	<=23.98	20.26	<=29.97	PASS
	Ant1	5500	16.73	<=23.98	18.23	<=29.95	PASS
	Ant2	5500	15.84	<=23.98	17.34	<=29.97	PASS
	total	5500	19.3	<=23.98	20.82	<=29.97	PASS
	Ant1	5580	17.05	<=23.98	18.55	<=29.96	PASS
	Ant2	5580	17.02	<=23.98	18.52	<=30	PASS
	total	5580	20.0	<=23.98	21.55	<=30	PASS
	Ant1	5700	15.94	<=23.98	17.44	<=29.94	PASS
	Ant2	5700	15.83	<=23.98	17.33	<=29.94	PASS
	total	5700	18.9	<=23.98	20.40	<=29.94	PASS
	Ant1	5745	16.20	<=30	17.70	---	PASS
	Ant2	5745	16.42	<=30	17.92	---	PASS
	total	5745	19.3	<=30	20.82	---	PASS
	Ant1	5785	16.27	<=30	17.77	---	PASS
	Ant2	5785	17.22	<=30	18.72	---	PASS
	total	5785	19.8	<=30	21.28	---	PASS
	Ant1	5825	17.23	<=30	18.73	---	PASS
	Ant2	5825	18.03	<=30	19.53	---	PASS
	total	5825	20.7	<=30	22.16	---	PASS
11AX40MIMO	Ant1	5190	17.46	---	18.96	<=23	PASS
	Ant2	5190	16.74	---	18.24	<=23	PASS
	total	5190	20.1	---	21.63	<=23	PASS
	Ant1	5230	17.25	---	18.75	<=23	PASS
	Ant2	5230	16.89	---	18.39	<=23	PASS
	total	5230	20.1	---	21.58	<=23	PASS
	Ant1	5270	16.36	<=23.98	17.86	<=30	PASS
	Ant2	5270	15.41	<=23.98	16.91	<=30	PASS
	total	5270	18.9	<=23.98	20.42	<=30	PASS
	Ant1	5310	16.18	<=23.98	17.68	<=30	PASS
	Ant2	5310	15.67	<=23.98	17.17	<=30	PASS

	total	5310	18.9	<=23.98	20.44	<=30	PASS
	Ant1	5510	16.60	<=23.98	18.10	<=30	PASS
	Ant2	5510	16.34	<=23.98	17.84	<=30	PASS
	total	5510	19.5	<=23.98	20.98	<=30	PASS
	Ant1	5550	17.23	<=23.98	18.73	<=30	PASS
	Ant2	5550	17.17	<=23.98	18.67	<=30	PASS
	total	5550	20.2	<=23.98	21.71	<=30	PASS
	Ant1	5670	16.00	<=23.98	17.50	<=30	PASS
	Ant2	5670	15.82	<=23.98	17.32	<=30	PASS
	total	5670	18.9	<=23.98	20.42	<=30	PASS
	Ant1	5755	16.18	<=30	17.68	---	PASS
	Ant2	5755	17.19	<=30	18.69	---	PASS
	total	5755	19.7	<=30	21.22	---	PASS
	Ant1	5795	16.84	<=30	18.34	---	PASS
	Ant2	5795	17.49	<=30	18.99	---	PASS
	total	5795	20.2	<=30	21.69	---	PASS
11AX80MIMO	Ant1	5210	17.52	---	19.02	<=23	PASS
	Ant2	5210	16.69	---	18.19	<=23	PASS
	total	5210	20.1	---	21.64	<=23	PASS
	Ant1	5290	16.24	<=23.98	17.74	<=30	PASS
	Ant2	5290	15.68	<=23.98	17.18	<=30	PASS
	total	5290	19.0	<=23.98	20.48	<=30	PASS
	Ant1	5530	16.83	<=23.98	18.33	<=30	PASS
	Ant2	5530	16.36	<=23.98	17.86	<=30	PASS
	total	5530	19.6	<=23.98	21.11	<=30	PASS
	Ant1	5610	17.87	<=23.98	19.37	<=30	PASS
	Ant2	5610	17.64	<=23.98	19.14	<=30	PASS
	total	5610	20.8	<=23.98	22.27	<=30	PASS
	Ant1	5775	16.61	<=30	18.11	---	PASS
	Ant2	5775	17.18	<=30	18.68	---	PASS
	total	5775	19.9	<=30	21.41	---	PASS

5.3 Min Emission Bandwidth and Emission Bandwidth and Occupied Bandwidth

Ambient condition:

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Method of Measurement:

The EUT was connected to the spectrum analyzer through an external attenuator (20dB) and a known loss cable.

For U-NII-1, set RBW ≈1% OCB kHz, VBW ≥ 3 × RBW, 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 26 dB relative to the maximum level measured in the fundamental emission.

For U-NII-3, Set RBW = 100 kHz, VBW ≥ 3 × RBW, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

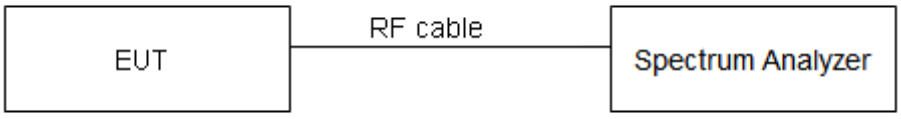
Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described above.

Use the 99 % power bandwidth function of the instrument.

Limits:

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

Test Setup:



Measurement Uncertainty：

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U= 936 Hz.

Test Results: Min emission bandwidth

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.440	5736.760	5753.200	0.5	PASS
	Ant2	5745	16.400	5736.800	5753.200	0.5	PASS
	Ant1	5785	16.160	5777.040	5793.200	0.5	PASS
	Ant2	5785	15.840	5777.080	5792.920	0.5	PASS
	Ant1	5825	16.000	5817.160	5833.160	0.5	PASS
	Ant2	5825	15.440	5817.360	5832.800	0.5	PASS
11N20SISO	Ant1	5745	17.000	5736.560	5753.560	0.5	PASS
	Ant2	5745	17.000	5736.800	5753.800	0.5	PASS
	Ant1	5785	16.320	5777.200	5793.520	0.5	PASS
	Ant2	5785	16.600	5776.560	5793.160	0.5	PASS
	Ant1	5825	17.000	5816.560	5833.560	0.5	PASS
	Ant2	5825	16.760	5816.800	5833.560	0.5	PASS
11N40SISO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant2	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant1	5795	35.280	5777.400	5812.680	0.5	PASS
	Ant2	5795	35.280	5777.400	5812.680	0.5	PASS
11AC20SISO	Ant1	5745	17.360	5736.440	5753.800	0.5	PASS
	Ant2	5745	16.880	5736.560	5753.440	0.5	PASS
	Ant1	5785	17.600	5776.200	5793.800	0.5	PASS
	Ant2	5785	17.120	5776.440	5793.560	0.5	PASS
	Ant1	5825	16.760	5816.400	5833.160	0.5	PASS
	Ant2	5825	16.040	5817.360	5833.400	0.5	PASS
11AC40SISO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant2	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant1	5795	35.280	5777.400	5812.680	0.5	PASS
	Ant2	5795	35.280	5777.400	5812.680	0.5	PASS
11AC80SISO	Ant1	5775	75.520	5737.240	5812.760	0.5	PASS
	Ant2	5775	66.720	5746.040	5812.760	0.5	PASS
11AX20SISO	Ant1	5745	18.280	5735.880	5754.160	0.5	PASS
	Ant2	5745	18.720	5735.600	5754.320	0.5	PASS
	Ant1	5785	18.160	5775.880	5794.040	0.5	PASS
	Ant2	5785	18.640	5775.680	5794.320	0.5	PASS
	Ant1	5825	18.440	5815.720	5834.160	0.5	PASS
	Ant2	5825	18.840	5815.680	5834.520	0.5	PASS
11AX40SISO	Ant1	5755	36.960	5736.680	5773.640	0.5	PASS
	Ant2	5755	35.520	5737.160	5772.680	0.5	PASS
	Ant1	5795	37.040	5776.600	5813.640	0.5	PASS
	Ant2	5795	35.680	5777.480	5813.160	0.5	PASS
11AX80SISO	Ant1	5775	73.440	5739.320	5812.760	0.5	PASS
	Ant2	5775	75.520	5737.240	5812.760	0.5	PASS
11N20MIMO	Ant1	5745	16.760	5736.800	5753.560	0.5	PASS
	Ant2	5745	17.040	5736.800	5753.840	0.5	PASS
	Ant1	5785	16.360	5777.440	5793.800	0.5	PASS
	Ant2	5785	17.640	5776.160	5793.800	0.5	PASS
	Ant1	5825	16.640	5816.800	5833.440	0.5	PASS
	Ant2	5825	17.640	5816.160	5833.800	0.5	PASS
11N40MIMO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant2	5755	30.160	5742.440	5772.600	0.5	PASS
	Ant1	5795	34.000	5778.680	5812.680	0.5	PASS
	Ant2	5795	34.000	5778.680	5812.680	0.5	PASS
11AC20MIMO	Ant1	5745	17.000	5736.560	5753.560	0.5	PASS
	Ant2	5745	17.040	5736.800	5753.840	0.5	PASS
	Ant1	5785	16.840	5776.560	5793.400	0.5	PASS
	Ant2	5785	17.680	5776.160	5793.840	0.5	PASS
	Ant1	5825	17.040	5816.520	5833.560	0.5	PASS
	Ant2	5825	17.640	5816.160	5833.800	0.5	PASS
11AC40MIMO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant2	5755	30.160	5742.440	5772.600	0.5	PASS
	Ant1	5795	34.080	5778.600	5812.680	0.5	PASS
	Ant2	5795	34.000	5778.680	5812.680	0.5	PASS

11AC80MIMO	Ant1	5775	74.240	5738.520	5812.760	0.5	PASS
	Ant2	5775	55.520	5757.240	5812.760	0.5	PASS
11AX20MIMO	Ant1	5745	18.880	5735.680	5754.560	0.5	PASS
	Ant2	5745	17.880	5736.680	5754.560	0.5	PASS
	Ant1	5785	18.800	5775.680	5794.480	0.5	PASS
	Ant2	5785	18.880	5775.680	5794.560	0.5	PASS
	Ant1	5825	18.640	5815.680	5834.320	0.5	PASS
	Ant2	5825	18.680	5815.640	5834.320	0.5	PASS
11AX40MIMO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant2	5755	34.000	5739.880	5773.880	0.5	PASS
	Ant1	5795	35.280	5777.400	5812.680	0.5	PASS
	Ant2	5795	35.280	5777.400	5812.680	0.5	PASS
11AX80MIMO	Ant1	5775	75.520	5737.240	5812.760	0.5	PASS
	Ant2	5775	63.040	5749.720	5812.760	0.5	PASS

Test Results: Emission Bandwidth

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.240	5168.280	5192.520	---	PASS
	Ant2	5180	22.840	5168.400	5191.240	---	PASS
	Ant1	5200	23.920	5187.520	5211.440	---	PASS
	Ant2	5200	24.400	5186.480	5210.880	---	PASS
	Ant1	5240	19.840	5230.120	5249.960	---	PASS
	Ant2	5240	19.640	5230.200	5249.840	---	PASS
	Ant1	5260	23.120	5248.600	5271.720	---	PASS
	Ant2	5260	22.880	5248.920	5271.800	---	PASS
	Ant1	5280	22.520	5268.760	5291.280	---	PASS
	Ant2	5280	23.320	5268.240	5291.560	---	PASS
	Ant1	5320	22.800	5308.640	5331.440	---	PASS
	Ant2	5320	23.440	5308.920	5332.360	---	PASS
	Ant1	5500	23.320	5488.200	5511.520	---	PASS
	Ant2	5500	22.760	5488.760	5511.520	---	PASS
	Ant1	5580	23.320	5568.360	5591.680	---	PASS
	Ant2	5580	22.880	5568.360	5591.240	---	PASS
	Ant1	5700	23.320	5688.240	5711.560	---	PASS
	Ant2	5700	22.800	5688.320	5711.120	---	PASS
	Ant1	5745	22.600	5733.760	5756.360	---	PASS
	Ant2	5745	22.520	5734.200	5756.720	---	PASS
	Ant1	5785	22.840	5773.360	5796.200	---	PASS
	Ant2	5785	22.560	5774.200	5796.760	---	PASS
	Ant1	5825	23.640	5813.200	5836.840	---	PASS
	Ant2	5825	22.800	5813.720	5836.520	---	PASS
11N20SISO	Ant1	5180	25.200	5166.640	5191.840	---	PASS
	Ant2	5180	23.440	5168.320	5191.760	---	PASS
	Ant1	5200	25.200	5187.360	5212.560	---	PASS
	Ant2	5200	23.000	5188.240	5211.240	---	PASS
	Ant1	5240	20.080	5229.960	5250.040	---	PASS
	Ant2	5240	20.080	5230.000	5250.080	---	PASS
	Ant1	5260	23.400	5248.160	5271.560	---	PASS
	Ant2	5260	23.400	5248.240	5271.640	---	PASS
	Ant1	5280	25.440	5267.120	5292.560	---	PASS
	Ant2	5280	22.800	5268.760	5291.560	---	PASS
	Ant1	5320	24.800	5307.040	5331.840	---	PASS
	Ant2	5320	24.000	5308.360	5332.360	---	PASS
	Ant1	5500	23.400	5488.200	5511.600	---	PASS
	Ant2	5500	23.040	5488.360	5511.400	---	PASS
	Ant1	5580	23.600	5568.240	5591.840	---	PASS
	Ant2	5580	23.600	5567.480	5591.080	---	PASS
	Ant1	5700	23.640	5688.200	5711.840	---	PASS
	Ant2	5700	23.600	5688.240	5711.840	---	PASS
	Ant1	5745	23.560	5733.240	5756.800	---	PASS
	Ant2	5745	22.720	5733.600	5756.320	---	PASS
	Ant1	5785	23.360	5773.240	5796.600	---	PASS
	Ant2	5785	23.320	5773.240	5796.560	---	PASS
	Ant1	5825	23.440	5813.320	5836.760	---	PASS
	Ant2	5825	22.960	5813.440	5836.400	---	PASS
11N40SISO	Ant1	5190	40.480	5169.840	5210.320	---	PASS
	Ant2	5190	40.640	5169.600	5210.240	---	PASS
	Ant1	5230	40.800	5209.600	5250.400	---	PASS
	Ant2	5230	40.720	5209.600	5250.320	---	PASS
	Ant1	5270	40.720	5249.760	5290.480	---	PASS
	Ant2	5270	41.120	5249.520	5290.640	---	PASS
	Ant1	5310	40.880	5289.600	5330.480	---	PASS
	Ant2	5310	55.440	5289.600	5345.040	---	PASS
	Ant1	5510	40.880	5489.520	5530.400	---	PASS
	Ant2	5510	40.960	5489.680	5530.640	---	PASS
	Ant1	5550	40.960	5529.520	5570.480	---	PASS
	Ant2	5550	41.120	5529.520	5570.640	---	PASS

	Ant1	5670	40.400	5649.920	5690.320	---	PASS
	Ant2	5670	40.480	5649.920	5690.400	---	PASS
	Ant1	5755	40.640	5734.840	5775.480	---	PASS
	Ant2	5755	40.560	5734.920	5775.480	---	PASS
	Ant1	5795	40.960	5774.600	5815.560	---	PASS
	Ant2	5795	40.880	5774.760	5815.640	---	PASS
11AC20SISO	Ant1	5180	23.640	5168.200	5191.840	---	PASS
	Ant2	5180	23.280	5168.240	5191.520	---	PASS
	Ant1	5200	25.320	5188.120	5213.440	---	PASS
	Ant2	5200	24.240	5187.520	5211.760	---	PASS
	Ant1	5240	20.280	5229.960	5250.240	---	PASS
	Ant2	5240	19.920	5230.040	5249.960	---	PASS
	Ant1	5260	23.440	5248.240	5271.680	---	PASS
	Ant2	5260	23.040	5248.760	5271.800	---	PASS
	Ant1	5280	23.360	5268.240	5291.600	---	PASS
	Ant2	5280	22.440	5268.760	5291.200	---	PASS
	Ant1	5320	24.360	5308.160	5332.520	---	PASS
	Ant2	5320	23.320	5308.240	5331.560	---	PASS
	Ant1	5500	23.520	5488.120	5511.640	---	PASS
	Ant2	5500	22.960	5488.360	5511.320	---	PASS
	Ant1	5580	23.040	5568.440	5591.480	---	PASS
	Ant2	5580	22.560	5568.760	5591.320	---	PASS
	Ant1	5700	23.480	5688.160	5711.640	---	PASS
	Ant2	5700	23.560	5688.880	5712.440	---	PASS
	Ant1	5745	23.520	5733.160	5756.680	---	PASS
	Ant2	5745	23.240	5733.520	5756.760	---	PASS
	Ant1	5785	24.320	5773.160	5797.480	---	PASS
	Ant2	5785	23.960	5773.520	5797.480	---	PASS
	Ant1	5825	23.480	5813.280	5836.760	---	PASS
	Ant2	5825	22.760	5813.960	5836.720	---	PASS
11AC40SISO	Ant1	5190	40.640	5169.760	5210.400	---	PASS
	Ant2	5190	40.400	5169.840	5210.240	---	PASS
	Ant1	5230	40.560	5209.680	5250.240	---	PASS
	Ant2	5230	40.720	5209.680	5250.400	---	PASS
	Ant1	5270	40.880	5249.680	5290.560	---	PASS
	Ant2	5270	40.880	5249.680	5290.560	---	PASS
	Ant1	5310	41.040	5289.760	5330.800	---	PASS
	Ant2	5310	40.800	5289.680	5330.480	---	PASS
	Ant1	5510	40.240	5490.000	5530.240	---	PASS
	Ant2	5510	40.880	5489.840	5530.720	---	PASS
	Ant1	5550	40.560	5529.840	5570.400	---	PASS
	Ant2	5550	40.720	5529.600	5570.320	---	PASS
	Ant1	5670	40.560	5649.840	5690.400	---	PASS
	Ant2	5670	40.480	5649.920	5690.400	---	PASS
	Ant1	5755	40.480	5734.920	5775.400	---	PASS
	Ant2	5755	40.880	5734.680	5775.560	---	PASS
	Ant1	5795	40.960	5774.760	5815.720	---	PASS
	Ant2	5795	40.960	5774.600	5815.560	---	PASS
11AC80SISO	Ant1	5210	80.480	5169.840	5250.320	---	PASS
	Ant2	5210	80.320	5170.000	5250.320	---	PASS
	Ant1	5290	80.320	5250.000	5330.320	---	PASS
	Ant2	5290	80.480	5249.840	5330.320	---	PASS
	Ant1	5530	80.320	5490.000	5570.320	---	PASS
	Ant2	5530	80.320	5490.000	5570.320	---	PASS
	Ant1	5610	80.000	5570.160	5650.160	---	PASS
	Ant2	5610	80.320	5569.840	5650.160	---	PASS
	Ant1	5775	80.160	5735.160	5815.320	---	PASS
	Ant2	5775	80.320	5735.000	5815.320	---	PASS
11AX20SISO	Ant1	5180	21.640	5169.120	5190.760	---	PASS
	Ant2	5180	24.600	5167.160	5191.760	---	PASS
	Ant1	5200	23.080	5188.600	5211.680	---	PASS
	Ant2	5200	22.960	5188.160	5211.120	---	PASS
	Ant1	5240	19.840	5230.080	5249.920	---	PASS
	Ant2	5240	19.960	5230.000	5249.960	---	PASS

	Ant1	5260	22.640	5248.200	5270.840	---	PASS
	Ant2	5260	22.760	5249.160	5271.920	---	PASS
	Ant1	5280	25.640	5265.400	5291.040	---	PASS
	Ant2	5280	21.520	5269.280	5290.800	---	PASS
	Ant1	5320	21.880	5308.680	5330.560	---	PASS
	Ant2	5320	24.480	5307.400	5331.880	---	PASS
	Ant1	5500	21.920	5489.120	5511.040	---	PASS
	Ant2	5500	23.480	5488.120	5511.600	---	PASS
	Ant1	5580	21.520	5569.280	5590.800	---	PASS
	Ant2	5580	24.000	5568.560	5592.560	---	PASS
	Ant1	5700	22.640	5689.040	5711.680	---	PASS
	Ant2	5700	23.360	5688.400	5711.760	---	PASS
	Ant1	5745	21.400	5734.240	5755.640	---	PASS
	Ant2	5745	23.640	5733.240	5756.880	---	PASS
	Ant1	5785	21.280	5774.280	5795.560	---	PASS
	Ant2	5785	22.960	5773.400	5796.360	---	PASS
	Ant1	5825	21.520	5814.360	5835.880	---	PASS
	Ant2	5825	23.000	5813.200	5836.200	---	PASS
11AX40SISO	Ant1	5190	39.840	5170.080	5209.920	---	PASS
	Ant2	5190	39.760	5170.160	5209.920	---	PASS
	Ant1	5230	39.840	5210.160	5250.000	---	PASS
	Ant2	5230	39.760	5210.160	5249.920	---	PASS
	Ant1	5270	39.920	5250.080	5290.000	---	PASS
	Ant2	5270	39.760	5250.160	5289.920	---	PASS
	Ant1	5310	39.760	5290.160	5329.920	---	PASS
	Ant2	5310	39.840	5290.080	5329.920	---	PASS
	Ant1	5510	39.760	5490.160	5529.920	---	PASS
	Ant2	5510	39.760	5490.240	5530.000	---	PASS
	Ant1	5550	39.840	5530.160	5570.000	---	PASS
	Ant2	5550	39.760	5530.160	5569.920	---	PASS
	Ant1	5670	39.760	5650.160	5689.920	---	PASS
	Ant2	5670	39.840	5650.160	5690.000	---	PASS
	Ant1	5755	39.760	5735.240	5775.000	---	PASS
	Ant2	5755	39.680	5735.240	5774.920	---	PASS
	Ant1	5795	39.760	5775.160	5814.920	---	PASS
	Ant2	5795	39.680	5775.160	5814.840	---	PASS
11AX80SISO	Ant1	5210	80.640	5169.840	5250.480	---	PASS
	Ant2	5210	84.640	5167.760	5252.400	---	PASS
	Ant1	5290	80.640	5249.840	5330.480	---	PASS
	Ant2	5290	80.800	5249.680	5330.480	---	PASS
	Ant1	5530	80.480	5489.840	5570.320	---	PASS
	Ant2	5530	80.800	5489.680	5570.480	---	PASS
	Ant1	5610	81.120	5569.680	5650.800	---	PASS
	Ant2	5610	80.480	5570.000	5650.480	---	PASS
	Ant1	5775	80.480	5734.840	5815.320	---	PASS
	Ant2	5775	80.800	5734.680	5815.480	---	PASS
11N20MIMO	Ant1	5180	24.320	5167.520	5191.840	---	PASS
	Ant2	5180	22.120	5169.280	5191.400	---	PASS
	Ant1	5200	23.480	5188.320	5211.800	---	PASS
	Ant2	5200	23.240	5188.240	5211.480	---	PASS
	Ant1	5240	19.920	5229.960	5249.880	---	PASS
	Ant2	5240	20.120	5229.920	5250.040	---	PASS
	Ant1	5260	23.680	5248.080	5271.760	---	PASS
	Ant2	5260	34.080	5242.920	5277.000	---	PASS
	Ant1	5280	23.640	5268.160	5291.800	---	PASS
	Ant2	5280	39.080	5260.760	5299.840	---	PASS
	Ant1	5320	23.720	5308.160	5331.880	---	PASS
	Ant2	5320	27.120	5306.440	5333.560	---	PASS
	Ant1	5500	23.680	5488.200	5511.880	---	PASS
	Ant2	5500	29.320	5487.080	5516.400	---	PASS
	Ant1	5580	26.120	5566.400	5592.520	---	PASS
	Ant2	5580	26.800	5565.720	5592.520	---	PASS
	Ant1	5700	23.040	5688.560	5711.600	---	PASS
	Ant2	5700	24.720	5686.880	5711.600	---	PASS

	Ant1	5745	24.200	5732.520	5756.720	---	PASS
	Ant2	5745	24.640	5733.280	5757.920	---	PASS
	Ant1	5785	23.720	5773.160	5796.880	---	PASS
	Ant2	5785	23.200	5773.440	5796.640	---	PASS
	Ant1	5825	24.240	5812.520	5836.760	---	PASS
	Ant2	5825	24.840	5811.840	5836.680	---	PASS
11N40MIMO	Ant1	5190	40.640	5169.680	5210.320	---	PASS
	Ant2	5190	40.000	5170.080	5210.080	---	PASS
	Ant1	5230	40.960	5209.440	5250.400	---	PASS
	Ant2	5230	40.240	5209.680	5249.920	---	PASS
	Ant1	5270	41.040	5249.520	5290.560	---	PASS
	Ant2	5270	70.320	5232.960	5303.280	---	PASS
	Ant1	5310	40.880	5289.680	5330.560	---	PASS
	Ant2	5310	45.840	5289.200	5335.040	---	PASS
	Ant1	5510	40.720	5489.680	5530.400	---	PASS
	Ant2	5510	40.240	5490.160	5530.400	---	PASS
	Ant1	5550	40.720	5529.680	5570.400	---	PASS
	Ant2	5550	39.920	5530.000	5569.920	---	PASS
	Ant1	5670	41.040	5649.520	5690.560	---	PASS
	Ant2	5670	40.240	5650.080	5690.320	---	PASS
	Ant1	5755	40.960	5734.600	5775.560	---	PASS
	Ant2	5755	40.080	5735.320	5775.400	---	PASS
	Ant1	5795	40.640	5774.760	5815.400	---	PASS
	Ant2	5795	39.920	5775.320	5815.240	---	PASS
11AC20MIMO	Ant1	5180	23.080	5168.640	5191.720	---	PASS
	Ant2	5180	22.400	5169.080	5191.480	---	PASS
	Ant1	5200	23.400	5188.160	5211.560	---	PASS
	Ant2	5200	23.000	5188.200	5211.200	---	PASS
	Ant1	5240	20.080	5230.000	5250.080	---	PASS
	Ant2	5240	20.000	5229.880	5249.880	---	PASS
	Ant1	5260	23.480	5248.280	5271.760	---	PASS
	Ant2	5260	28.720	5245.760	5274.480	---	PASS
	Ant1	5280	23.960	5268.640	5292.600	---	PASS
	Ant2	5280	39.200	5260.520	5299.720	---	PASS
	Ant1	5320	23.560	5308.240	5331.800	---	PASS
	Ant2	5320	27.400	5305.840	5333.240	---	PASS
	Ant1	5500	23.520	5488.200	5511.720	---	PASS
	Ant2	5500	28.680	5485.920	5514.600	---	PASS
	Ant1	5580	23.280	5568.320	5591.600	---	PASS
	Ant2	5580	25.240	5565.880	5591.120	---	PASS
	Ant1	5700	23.600	5688.200	5711.800	---	PASS
	Ant2	5700	23.440	5688.200	5711.640	---	PASS
	Ant1	5745	22.920	5733.600	5756.520	---	PASS
	Ant2	5745	24.520	5733.360	5757.880	---	PASS
	Ant1	5785	23.040	5773.560	5796.600	---	PASS
	Ant2	5785	23.240	5773.400	5796.640	---	PASS
	Ant1	5825	23.240	5813.400	5836.640	---	PASS
	Ant2	5825	23.800	5812.600	5836.400	---	PASS
11AC40MIMO	Ant1	5190	40.640	5169.680	5210.320	---	PASS
	Ant2	5190	40.240	5169.920	5210.160	---	PASS
	Ant1	5230	40.720	5209.600	5250.320	---	PASS
	Ant2	5230	40.000	5209.840	5249.840	---	PASS
	Ant1	5270	41.040	5249.600	5290.640	---	PASS
	Ant2	5270	72.560	5234.640	5307.200	---	PASS
	Ant1	5310	40.560	5289.840	5330.400	---	PASS
	Ant2	5310	45.920	5290.000	5335.920	---	PASS
	Ant1	5510	40.560	5489.840	5530.400	---	PASS
	Ant2	5510	40.320	5490.000	5530.320	---	PASS
	Ant1	5550	40.960	5529.440	5570.400	---	PASS
	Ant2	5550	40.400	5529.920	5570.320	---	PASS
	Ant1	5670	41.040	5649.520	5690.560	---	PASS
	Ant2	5670	40.160	5650.080	5690.240	---	PASS
	Ant1	5755	40.480	5734.760	5775.240	---	PASS
	Ant2	5755	39.840	5735.560	5775.400	---	PASS

	Ant1	5795	40.880	5774.680	5815.560	---	PASS
	Ant2	5795	40.240	5774.920	5815.160	---	PASS
11AC80MIMO	Ant1	5210	80.000	5170.160	5250.160	---	PASS
	Ant2	5210	79.840	5170.160	5250.000	---	PASS
	Ant1	5290	80.320	5250.000	5330.320	---	PASS
	Ant2	5290	111.520	5250.000	5361.520	---	PASS
	Ant1	5530	80.000	5490.160	5570.160	---	PASS
	Ant2	5530	79.840	5490.320	5570.160	---	PASS
	Ant1	5610	80.160	5570.000	5650.160	---	PASS
	Ant2	5610	79.840	5570.160	5650.000	---	PASS
	Ant1	5775	80.480	5734.840	5815.320	---	PASS
	Ant2	5775	79.840	5735.480	5815.320	---	PASS
11AX20MIMO	Ant1	5180	25.960	5168.640	5194.600	---	PASS
	Ant2	5180	23.480	5168.360	5191.840	---	PASS
	Ant1	5200	22.760	5189.000	5211.760	---	PASS
	Ant2	5200	21.640	5189.160	5210.800	---	PASS
	Ant1	5240	19.960	5230.000	5249.960	---	PASS
	Ant2	5240	19.880	5230.040	5249.920	---	PASS
	Ant1	5260	23.000	5248.280	5271.280	---	PASS
	Ant2	5260	28.720	5246.120	5274.840	---	PASS
	Ant1	5280	22.720	5269.120	5291.840	---	PASS
	Ant2	5280	39.040	5260.400	5299.440	---	PASS
	Ant1	5320	24.440	5307.160	5331.600	---	PASS
	Ant2	5320	26.080	5306.760	5332.840	---	PASS
	Ant1	5500	22.800	5488.240	5511.040	---	PASS
	Ant2	5500	35.760	5482.600	5518.360	---	PASS
	Ant1	5580	23.760	5567.880	5591.640	---	PASS
	Ant2	5580	26.680	5563.840	5590.520	---	PASS
	Ant1	5700	23.880	5686.880	5710.760	---	PASS
	Ant2	5700	23.360	5688.400	5711.760	---	PASS
	Ant1	5745	25.800	5730.520	5756.320	---	PASS
	Ant2	5745	26.600	5734.440	5761.040	---	PASS
	Ant1	5785	24.120	5772.400	5796.520	---	PASS
	Ant2	5785	28.400	5773.680	5802.080	---	PASS
	Ant1	5825	22.880	5813.760	5836.640	---	PASS
	Ant2	5825	23.080	5813.240	5836.320	---	PASS
11AX40MIMO	Ant1	5190	39.680	5170.240	5209.920	---	PASS
	Ant2	5190	39.600	5170.240	5209.840	---	PASS
	Ant1	5230	39.760	5210.160	5249.920	---	PASS
	Ant2	5230	39.840	5210.080	5249.920	---	PASS
	Ant1	5270	39.920	5250.000	5289.920	---	PASS
	Ant2	5270	67.600	5236.160	5303.760	---	PASS
	Ant1	5310	39.760	5290.160	5329.920	---	PASS
	Ant2	5310	46.000	5290.240	5336.240	---	PASS
	Ant1	5510	39.680	5490.160	5529.840	---	PASS
	Ant2	5510	39.760	5490.160	5529.920	---	PASS
	Ant1	5550	39.840	5530.080	5569.920	---	PASS
	Ant2	5550	39.680	5530.160	5569.840	---	PASS
	Ant1	5670	39.680	5650.240	5689.920	---	PASS
	Ant2	5670	39.680	5650.320	5690.000	---	PASS
	Ant1	5755	39.760	5735.160	5774.920	---	PASS
	Ant2	5755	39.680	5735.320	5775.000	---	PASS
	Ant1	5795	39.840	5775.160	5815.000	---	PASS
	Ant2	5795	39.760	5775.160	5814.920	---	PASS
11AX80MIMO	Ant1	5210	80.480	5169.840	5250.320	---	PASS
	Ant2	5210	80.480	5169.840	5250.320	---	PASS
	Ant1	5290	80.640	5249.840	5330.480	---	PASS
	Ant2	5290	105.760	5249.680	5355.440	---	PASS
	Ant1	5530	80.640	5489.840	5570.480	---	PASS
	Ant2	5530	80.480	5490.000	5570.480	---	PASS
	Ant1	5610	80.480	5569.840	5650.320	---	PASS
	Ant2	5610	96.800	5553.680	5650.480	---	PASS
	Ant1	5775	80.640	5734.840	5815.480	---	PASS
	Ant2	5775	80.480	5735.160	5815.640	---	PASS

Test Results: Occupied channel bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.181	5170.450	5189.630	---	PASS
	Ant2	5180	18.901	5170.609	5189.510	---	PASS
	Ant1	5200	19.141	5190.410	5209.550	---	PASS
	Ant2	5200	19.181	5190.170	5209.351	---	PASS
	Ant1	5240	17.263	5231.369	5248.631	---	PASS
	Ant2	5240	17.183	5231.369	5248.551	---	PASS
	Ant1	5260	19.101	5250.370	5269.471	---	PASS
	Ant2	5260	19.221	5250.370	5269.590	---	PASS
	Ant1	5280	19.061	5270.529	5289.590	---	PASS
	Ant2	5280	18.901	5270.529	5289.431	---	PASS
	Ant1	5320	19.141	5310.370	5329.510	---	PASS
	Ant2	5320	19.461	5310.490	5329.950	---	PASS
	Ant1	5500	19.221	5490.370	5509.590	---	PASS
	Ant2	5500	19.101	5490.370	5509.471	---	PASS
	Ant1	5580	19.181	5570.450	5589.630	---	PASS
	Ant2	5580	18.821	5570.569	5589.391	---	PASS
	Ant1	5700	19.101	5690.330	5709.431	---	PASS
	Ant2	5700	19.261	5690.450	5709.710	---	PASS
	Ant1	5745	19.101	5735.490	5754.590	---	PASS
	Ant2	5745	19.061	5735.529	5754.590	---	PASS
	Ant1	5785	18.981	5775.609	5794.590	---	PASS
	Ant2	5785	19.021	5775.410	5794.431	---	PASS
	Ant1	5825	18.981	5815.569	5834.550	---	PASS
	Ant2	5825	18.941	5815.490	5834.431	---	PASS
11N20SISO	Ant1	5180	20.02	5170.090	5190.110	---	PASS
	Ant2	5180	19.7	5170.250	5189.950	---	PASS
	Ant1	5200	19.98	5190.050	5210.030	---	PASS
	Ant2	5200	20.02	5189.890	5209.910	---	PASS
	Ant1	5240	18.222	5230.889	5249.111	---	PASS
	Ant2	5240	18.102	5230.969	5249.071	---	PASS
	Ant1	5260	20.02	5250.010	5270.030	---	PASS
	Ant2	5260	20.1	5249.970	5270.070	---	PASS
	Ant1	5280	20.02	5270.050	5290.070	---	PASS
	Ant2	5280	19.82	5270.050	5289.870	---	PASS
	Ant1	5320	20.02	5309.970	5329.990	---	PASS
	Ant2	5320	20.3	5310.090	5330.390	---	PASS
	Ant1	5500	19.98	5490.090	5510.070	---	PASS
	Ant2	5500	19.98	5490.010	5509.990	---	PASS
	Ant1	5580	20.02	5570.130	5590.150	---	PASS
	Ant2	5580	19.7	5570.210	5589.910	---	PASS
	Ant1	5700	19.94	5689.970	5709.910	---	PASS
	Ant2	5700	20.02	5690.130	5710.150	---	PASS
	Ant1	5745	19.94	5735.130	5755.070	---	PASS
	Ant2	5745	19.9	5735.170	5755.070	---	PASS
	Ant1	5785	19.94	5775.170	5795.110	---	PASS
	Ant2	5785	19.9	5775.050	5794.950	---	PASS
	Ant1	5825	19.86	5815.130	5834.990	---	PASS
	Ant2	5825	19.7	5815.210	5834.910	---	PASS
11N40SISO	Ant1	5190	36.204	5172.018	5208.222	---	PASS
	Ant2	5190	36.044	5172.018	5208.062	---	PASS
	Ant1	5230	36.364	5211.858	5248.222	---	PASS
	Ant2	5230	36.124	5212.018	5248.142	---	PASS
	Ant1	5270	36.284	5251.938	5288.222	---	PASS
	Ant2	5270	36.444	5251.858	5288.302	---	PASS
	Ant1	5310	36.364	5291.938	5328.302	---	PASS
	Ant2	5310	36.843	5291.778	5328.621	---	PASS
	Ant1	5510	36.204	5492.018	5528.222	---	PASS
	Ant2	5510	36.284	5492.018	5528.302	---	PASS
	Ant1	5550	36.523	5531.778	5568.302	---	PASS
	Ant2	5550	36.204	5532.018	5568.222	---	PASS

	Ant1	5670	36.204	5651.938	5688.142	---	PASS
	Ant2	5670	36.044	5652.098	5688.142	---	PASS
	Ant1	5755	36.364	5736.938	5773.302	---	PASS
	Ant2	5755	36.204	5737.018	5773.222	---	PASS
	Ant1	5795	36.444	5776.938	5813.382	---	PASS
	Ant2	5795	36.364	5776.938	5813.302	---	PASS
11AC20SISO	Ant1	5180	20.06	5170.130	5190.190	---	PASS
	Ant2	5180	19.78	5170.210	5189.990	---	PASS
	Ant1	5200	20.1	5189.890	5209.990	---	PASS
	Ant2	5200	20.02	5189.890	5209.910	---	PASS
	Ant1	5240	18.102	5230.929	5249.031	---	PASS
	Ant2	5240	18.022	5231.009	5249.031	---	PASS
	Ant1	5260	20.14	5249.930	5270.070	---	PASS
	Ant2	5260	20.14	5250.010	5270.150	---	PASS
	Ant1	5280	19.74	5270.210	5289.950	---	PASS
	Ant2	5280	19.82	5270.050	5289.870	---	PASS
	Ant1	5320	19.9	5310.170	5330.070	---	PASS
	Ant2	5320	20.14	5310.130	5330.270	---	PASS
	Ant1	5500	20.22	5489.850	5510.070	---	PASS
	Ant2	5500	20.1	5489.970	5510.070	---	PASS
	Ant1	5580	19.74	5570.170	5589.910	---	PASS
	Ant2	5580	19.78	5570.210	5589.990	---	PASS
	Ant1	5700	20.22	5689.890	5710.110	---	PASS
	Ant2	5700	20.06	5690.090	5710.150	---	PASS
	Ant1	5745	20.02	5735.010	5755.030	---	PASS
	Ant2	5745	19.94	5735.130	5755.070	---	PASS
	Ant1	5785	19.98	5775.050	5795.030	---	PASS
	Ant2	5785	19.9	5775.090	5794.990	---	PASS
	Ant1	5825	19.86	5815.050	5834.910	---	PASS
	Ant2	5825	19.66	5815.250	5834.910	---	PASS
11AC40SISO	Ant1	5190	36.044	5172.098	5208.142	---	PASS
	Ant2	5190	36.124	5171.938	5208.062	---	PASS
	Ant1	5230	36.124	5212.018	5248.142	---	PASS
	Ant2	5230	36.204	5211.938	5248.142	---	PASS
	Ant1	5270	36.284	5251.938	5288.222	---	PASS
	Ant2	5270	36.284	5251.938	5288.222	---	PASS
	Ant1	5310	36.284	5291.938	5328.222	---	PASS
	Ant2	5310	36.444	5291.858	5328.302	---	PASS
	Ant1	5510	36.284	5491.938	5528.222	---	PASS
	Ant2	5510	36.284	5491.938	5528.222	---	PASS
	Ant1	5550	36.364	5531.858	5568.222	---	PASS
	Ant2	5550	36.204	5532.018	5568.222	---	PASS
	Ant1	5670	36.204	5652.018	5688.222	---	PASS
	Ant2	5670	36.364	5651.938	5688.302	---	PASS
	Ant1	5755	36.523	5736.858	5773.382	---	PASS
	Ant2	5755	36.284	5736.938	5773.222	---	PASS
	Ant1	5795	36.364	5776.938	5813.302	---	PASS
	Ant2	5795	36.284	5776.938	5813.222	---	PASS
11AC80SISO	Ant1	5210	74.965	5172.597	5247.562	---	PASS
	Ant2	5210	75.285	5172.438	5247.722	---	PASS
	Ant1	5290	75.125	5252.597	5327.722	---	PASS
	Ant2	5290	75.285	5252.438	5327.722	---	PASS
	Ant1	5530	75.125	5492.597	5567.722	---	PASS
	Ant2	5530	75.125	5492.597	5567.722	---	PASS
	Ant1	5610	75.125	5572.597	5647.722	---	PASS
	Ant2	5610	75.285	5572.597	5647.882	---	PASS
	Ant1	5775	75.125	5737.757	5812.882	---	PASS
	Ant2	5775	75.285	5737.597	5812.882	---	PASS
11AX20SISO	Ant1	5180	19.421	5170.370	5189.790	---	PASS
	Ant2	5180	19.62	5170.250	5189.870	---	PASS
	Ant1	5200	19.54	5190.210	5209.750	---	PASS
	Ant2	5200	19.78	5190.050	5209.830	---	PASS
	Ant1	5240	18.901	5230.569	5249.471	---	PASS
	Ant2	5240	18.901	5230.569	5249.471	---	PASS

	Ant1	5260	19.62	5250.170	5269.790	---	PASS
	Ant2	5260	19.66	5250.210	5269.870	---	PASS
	Ant1	5280	19.341	5270.410	5289.750	---	PASS
	Ant2	5280	19.7	5270.170	5289.870	---	PASS
	Ant1	5320	19.5	5310.330	5329.830	---	PASS
	Ant2	5320	19.78	5310.170	5329.950	---	PASS
	Ant1	5500	19.461	5490.290	5509.750	---	PASS
	Ant2	5500	19.66	5490.170	5509.830	---	PASS
	Ant1	5580	19.421	5570.330	5589.750	---	PASS
	Ant2	5580	19.7	5570.170	5589.870	---	PASS
	Ant1	5700	19.54	5690.250	5709.790	---	PASS
	Ant2	5700	19.62	5690.250	5709.870	---	PASS
	Ant1	5745	19.54	5735.290	5754.830	---	PASS
	Ant2	5745	19.54	5735.250	5754.790	---	PASS
	Ant1	5785	19.461	5775.290	5794.750	---	PASS
	Ant2	5785	19.74	5775.210	5794.950	---	PASS
	Ant1	5825	19.461	5815.290	5834.750	---	PASS
	Ant2	5825	19.78	5815.210	5834.990	---	PASS
11AX40SISO	Ant1	5190	37.483	5171.299	5208.781	---	PASS
	Ant2	5190	37.642	5171.219	5208.861	---	PASS
	Ant1	5230	37.562	5211.299	5248.861	---	PASS
	Ant2	5230	37.642	5211.219	5248.861	---	PASS
	Ant1	5270	37.802	5251.139	5288.941	---	PASS
	Ant2	5270	37.642	5251.219	5288.861	---	PASS
	Ant1	5310	37.642	5291.219	5328.861	---	PASS
	Ant2	5310	37.642	5291.219	5328.861	---	PASS
	Ant1	5510	37.722	5491.219	5528.941	---	PASS
	Ant2	5510	37.562	5491.299	5528.861	---	PASS
	Ant1	5550	37.642	5531.219	5568.861	---	PASS
	Ant2	5550	37.562	5531.299	5568.861	---	PASS
	Ant1	5670	37.642	5651.219	5688.861	---	PASS
	Ant2	5670	37.722	5651.219	5688.941	---	PASS
	Ant1	5755	37.642	5736.299	5773.941	---	PASS
	Ant2	5755	37.722	5736.219	5773.941	---	PASS
	Ant1	5795	37.722	5776.219	5813.941	---	PASS
	Ant2	5795	37.562	5776.299	5813.861	---	PASS
11AX80SISO	Ant1	5210	76.563	5171.798	5248.362	---	PASS
	Ant2	5210	77.203	5171.479	5248.681	---	PASS
	Ant1	5290	77.043	5251.638	5328.681	---	PASS
	Ant2	5290	77.203	5251.479	5328.681	---	PASS
	Ant1	5530	76.883	5491.638	5568.521	---	PASS
	Ant2	5530	76.883	5491.638	5568.521	---	PASS
	Ant1	5610	77.043	5571.638	5648.681	---	PASS
	Ant2	5610	77.043	5571.638	5648.681	---	PASS
	Ant1	5775	77.043	5736.798	5813.841	---	PASS
	Ant2	5775	77.043	5736.798	5813.841	---	PASS
11N20MIMO	Ant1	5180	19.9	5170.130	5190.030	---	PASS
	Ant2	5180	18.661	5170.849	5189.510	---	PASS
	Ant1	5200	19.9	5190.010	5209.910	---	PASS
	Ant2	5200	18.741	5190.490	5209.231	---	PASS
	Ant1	5240	18.302	5230.849	5249.151	---	PASS
	Ant2	5240	17.902	5231.049	5248.951	---	PASS
	Ant1	5260	20.14	5249.890	5270.030	---	PASS
	Ant2	5260	21.578	5249.211	5270.789	---	PASS
	Ant1	5280	20.22	5269.930	5290.150	---	PASS
	Ant2	5280	21.059	5269.690	5290.749	---	PASS
	Ant1	5320	20.1	5309.930	5330.030	---	PASS
	Ant2	5320	19.301	5310.210	5329.510	---	PASS
	Ant1	5500	19.98	5490.010	5509.990	---	PASS
	Ant2	5500	19.261	5490.609	5509.870	---	PASS
	Ant1	5580	20.1	5570.050	5590.150	---	PASS
	Ant2	5580	19.341	5569.690	5589.031	---	PASS
	Ant1	5700	19.98	5689.970	5709.950	---	PASS
	Ant2	5700	18.861	5690.609	5709.471	---	PASS

	Ant1	5745	19.9	5735.050	5754.950	---	PASS
	Ant2	5745	18.981	5735.889	5754.870	---	PASS
	Ant1	5785	20.06	5775.090	5795.150	---	PASS
	Ant2	5785	18.741	5775.729	5794.471	---	PASS
	Ant1	5825	19.98	5815.050	5835.030	---	PASS
	Ant2	5825	18.781	5815.569	5834.351	---	PASS
11N40MIMO	Ant1	5190	36.444	5171.858	5208.302	---	PASS
	Ant2	5190	36.044	5172.098	5208.142	---	PASS
	Ant1	5230	36.364	5211.858	5248.222	---	PASS
	Ant2	5230	36.364	5211.698	5248.062	---	PASS
	Ant1	5270	36.284	5251.938	5288.222	---	PASS
	Ant2	5270	39.001	5250.500	5289.500	---	PASS
	Ant1	5310	36.204	5291.938	5328.142	---	PASS
	Ant2	5310	36.124	5292.178	5328.302	---	PASS
	Ant1	5510	36.284	5491.938	5528.222	---	PASS
	Ant2	5510	36.364	5492.098	5528.462	---	PASS
	Ant1	5550	36.284	5531.938	5568.222	---	PASS
	Ant2	5550	35.964	5532.098	5568.062	---	PASS
	Ant1	5670	36.364	5651.858	5688.222	---	PASS
	Ant2	5670	36.204	5652.098	5688.302	---	PASS
	Ant1	5755	36.284	5736.938	5773.222	---	PASS
	Ant2	5755	36.124	5737.418	5773.541	---	PASS
	Ant1	5795	36.204	5777.018	5813.222	---	PASS
	Ant2	5795	36.124	5777.098	5813.222	---	PASS
11AC20MIMO	Ant1	5180	19.94	5170.090	5190.030	---	PASS
	Ant2	5180	18.621	5170.889	5189.510	---	PASS
	Ant1	5200	19.86	5190.050	5209.910	---	PASS
	Ant2	5200	18.781	5190.490	5209.271	---	PASS
	Ant1	5240	18.142	5230.929	5249.071	---	PASS
	Ant2	5240	17.782	5231.089	5248.871	---	PASS
	Ant1	5260	20.02	5249.970	5269.990	---	PASS
	Ant2	5260	20.06	5249.810	5269.870	---	PASS
	Ant1	5280	19.94	5270.130	5290.070	---	PASS
	Ant2	5280	22.138	5269.131	5291.269	---	PASS
	Ant1	5320	19.98	5310.010	5329.990	---	PASS
	Ant2	5320	19.301	5310.250	5329.550	---	PASS
	Ant1	5500	20.02	5490.050	5510.070	---	PASS
	Ant2	5500	19.301	5490.609	5509.910	---	PASS
	Ant1	5580	19.9	5570.130	5590.030	---	PASS
	Ant2	5580	19.301	5569.730	5589.031	---	PASS
	Ant1	5700	19.86	5690.050	5709.910	---	PASS
	Ant2	5700	18.901	5690.569	5709.471	---	PASS
	Ant1	5745	19.94	5735.090	5755.030	---	PASS
	Ant2	5745	18.861	5735.929	5754.790	---	PASS
	Ant1	5785	19.82	5775.170	5794.990	---	PASS
	Ant2	5785	18.781	5775.769	5794.550	---	PASS
	Ant1	5825	19.86	5815.130	5834.990	---	PASS
	Ant2	5825	18.701	5815.609	5834.311	---	PASS
11AC40MIMO	Ant1	5190	36.204	5172.018	5208.222	---	PASS
	Ant2	5190	35.804	5172.178	5207.982	---	PASS
	Ant1	5230	36.204	5211.938	5248.142	---	PASS
	Ant2	5230	36.044	5211.938	5247.982	---	PASS
	Ant1	5270	36.284	5251.938	5288.222	---	PASS
	Ant2	5270	37.882	5251.059	5288.941	---	PASS
	Ant1	5310	36.204	5292.018	5328.222	---	PASS
	Ant2	5310	36.204	5292.098	5328.302	---	PASS
	Ant1	5510	36.124	5492.018	5528.142	---	PASS
	Ant2	5510	36.284	5492.178	5528.462	---	PASS
	Ant1	5550	36.124	5531.938	5568.062	---	PASS
	Ant2	5550	35.964	5532.098	5568.062	---	PASS
	Ant1	5670	36.204	5651.938	5688.142	---	PASS
	Ant2	5670	36.124	5652.098	5688.222	---	PASS
	Ant1	5755	36.204	5737.018	5773.222	---	PASS
	Ant2	5755	35.884	5737.498	5773.382	---	PASS

	Ant1	5795	36.204	5777.018	5813.222	---	PASS
	Ant2	5795	36.124	5777.018	5813.142	---	PASS
11AC80MIMO	Ant1	5210	74.965	5172.597	5247.562	---	PASS
	Ant2	5210	74.965	5172.438	5247.403	---	PASS
	Ant1	5290	75.125	5252.597	5327.722	---	PASS
	Ant2	5290	75.764	5252.597	5328.362	---	PASS
	Ant1	5530	75.125	5492.597	5567.722	---	PASS
	Ant2	5530	74.645	5493.397	5568.042	---	PASS
	Ant1	5610	75.285	5572.597	5647.882	---	PASS
	Ant2	5610	74.965	5572.278	5647.243	---	PASS
	Ant1	5775	75.285	5737.597	5812.882	---	PASS
	Ant2	5775	74.486	5738.556	5813.042	---	PASS
11AX20MIMO	Ant1	5180	19.78	5170.170	5189.950	---	PASS
	Ant2	5180	19.5	5170.410	5189.910	---	PASS
	Ant1	5200	19.74	5190.130	5209.870	---	PASS
	Ant2	5200	19.74	5190.050	5209.790	---	PASS
	Ant1	5240	18.941	5230.529	5249.471	---	PASS
	Ant2	5240	18.901	5230.529	5249.431	---	PASS
	Ant1	5260	19.66	5250.210	5269.870	---	PASS
	Ant2	5260	19.94	5250.010	5269.950	---	PASS
	Ant1	5280	19.86	5270.090	5289.950	---	PASS
	Ant2	5280	21.578	5269.371	5290.949	---	PASS
	Ant1	5320	19.7	5310.170	5329.870	---	PASS
	Ant2	5320	19.82	5310.050	5329.870	---	PASS
	Ant1	5500	19.74	5490.170	5509.910	---	PASS
	Ant2	5500	19.82	5490.250	5510.070	---	PASS
	Ant1	5580	19.78	5570.250	5590.030	---	PASS
	Ant2	5580	20.1	5569.451	5589.550	---	PASS
	Ant1	5700	19.66	5690.170	5709.830	---	PASS
	Ant2	5700	19.66	5690.210	5709.870	---	PASS
	Ant1	5745	19.86	5735.130	5754.990	---	PASS
	Ant2	5745	19.78	5735.410	5755.190	---	PASS
	Ant1	5785	19.9	5775.210	5795.110	---	PASS
	Ant2	5785	19.7	5775.250	5794.950	---	PASS
	Ant1	5825	19.74	5815.170	5834.910	---	PASS
	Ant2	5825	19.66	5815.130	5834.790	---	PASS
11AX40MIMO	Ant1	5190	37.642	5171.219	5208.861	---	PASS
	Ant2	5190	37.483	5171.379	5208.861	---	PASS
	Ant1	5230	37.722	5211.139	5248.861	---	PASS
	Ant2	5230	37.642	5211.139	5248.781	---	PASS
	Ant1	5270	37.562	5251.219	5288.781	---	PASS
	Ant2	5270	38.761	5250.579	5289.341	---	PASS
	Ant1	5310	37.562	5291.299	5328.861	---	PASS
	Ant2	5310	37.642	5291.379	5329.021	---	PASS
	Ant1	5510	37.642	5491.219	5528.861	---	PASS
	Ant2	5510	37.642	5491.379	5529.021	---	PASS
	Ant1	5550	37.642	5531.219	5568.861	---	PASS
	Ant2	5550	37.483	5531.299	5568.781	---	PASS
	Ant1	5670	37.722	5651.139	5688.861	---	PASS
	Ant2	5670	37.642	5651.299	5688.941	---	PASS
	Ant1	5755	37.722	5736.219	5773.941	---	PASS
	Ant2	5755	37.403	5736.618	5774.021	---	PASS
	Ant1	5795	37.642	5776.299	5813.941	---	PASS
	Ant2	5795	37.642	5776.219	5813.861	---	PASS
11AX80MIMO	Ant1	5210	76.883	5171.798	5248.681	---	PASS
	Ant2	5210	76.563	5171.638	5248.202	---	PASS
	Ant1	5290	77.043	5251.638	5328.681	---	PASS
	Ant2	5290	77.682	5251.638	5329.321	---	PASS
	Ant1	5530	76.883	5491.798	5568.681	---	PASS
	Ant2	5530	76.404	5492.438	5568.841	---	PASS
	Ant1	5610	77.043	5571.638	5648.681	---	PASS
	Ant2	5610	77.842	5571.319	5649.161	---	PASS
	Ant1	5775	77.043	5736.798	5813.841	---	PASS
	Ant2	5775	75.924	5737.917	5813.841	---	PASS

5.4 Maximum Power Spectral Density

Ambient condition:

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Method of Measurement:

The EUT was connected to the spectrum analyzer through an external attenuator (20dB) and a known loss cable.

Set RBW = 500 kHz, VBW =1.5MHz for the band 5.725-5.85 GHz

Set RBW = 1 MHz, VBW =3MHz for the band 5.150-5.250 GHz

The conducted PSD is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically.

Limits:

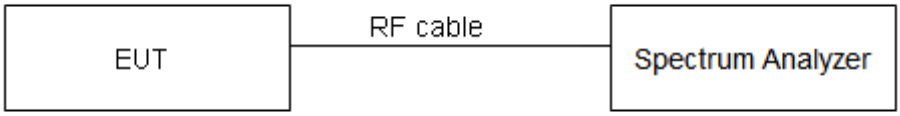
For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Frequency Bands/MHz	Limits
5150-5250	11dBm/MHz
5.25-5.35 GHz and 5.47-5.725 GHz	11dBm/MHz
5725-5850	30dBm/500kHz

Test Setup:



Measurement Uncertainty：

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U= 0.75dB.

Test Results:

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit [dBm/MHz]	E.I.R.P [dBm/MHz]	E.I.R.P Limit [dBm/MHz]	Verdict
11A	Ant1	5180	6.3	<=11	6.30	<=10	PASS
	Ant2	5180	6.3	<=11	6.30	<=10	PASS
	Ant1	5200	6.46	<=11	6.46	<=10	PASS
	Ant2	5200	5.58	<=11	5.58	<=10	PASS
	Ant1	5240	5.87	<=11	5.87	<=10	PASS
	Ant2	5240	5.48	<=11	5.48	<=10	PASS
	Ant1	5260	5.07	<=11	---	---	PASS
	Ant2	5260	4.17	<=11	---	---	PASS
	Ant1	5280	4.89	<=11	---	---	PASS
	Ant2	5280	7.39	<=11	---	---	PASS
	Ant1	5320	5.56	<=11	---	---	PASS
	Ant2	5320	6.47	<=11	---	---	PASS
	Ant1	5500	5.64	<=11	---	---	PASS
	Ant2	5500	4.61	<=11	---	---	PASS
	Ant1	5580	5.8	<=11	---	---	PASS
	Ant2	5580	6.08	<=11	---	---	PASS
	Ant1	5700	5.16	<=11	---	---	PASS
	Ant2	5700	4.48	<=11	---	---	PASS
11N20SISO	Ant1	5180	6.28	<=11	6.28	<=10	PASS
	Ant2	5180	5.99	<=11	5.99	<=10	PASS
	Ant1	5200	6.46	<=11	6.46	<=10	PASS
	Ant2	5200	4.97	<=11	4.97	<=10	PASS
	Ant1	5240	6.07	<=11	6.07	<=10	PASS
	Ant2	5240	5.41	<=11	5.41	<=10	PASS
	Ant1	5260	4.83	<=11	---	---	PASS
	Ant2	5260	7.62	<=11	---	---	PASS
	Ant1	5280	4.94	<=11	---	---	PASS
	Ant2	5280	6.97	<=11	---	---	PASS
	Ant1	5320	5.34	<=11	---	---	PASS
	Ant2	5320	6.66	<=11	---	---	PASS
	Ant1	5500	4.75	<=11	---	---	PASS
	Ant2	5500	4.06	<=11	---	---	PASS
	Ant1	5580	5.67	<=11	---	---	PASS
	Ant2	5580	5.31	<=11	---	---	PASS
	Ant1	5700	4.24	<=11	---	---	PASS
	Ant2	5700	3.88	<=11	---	---	PASS
11N40SISO	Ant1	5190	4.36	<=11	4.36	<=10	PASS
	Ant2	5190	3.92	<=11	3.92	<=10	PASS
	Ant1	5230	3.81	<=11	3.81	<=10	PASS
	Ant2	5230	3.1	<=11	3.10	<=10	PASS

	Ant1	5270	2.17	<=11	---	---	PASS
	Ant2	5270	5.9	<=11	---	---	PASS
	Ant1	5310	2.75	<=11	---	---	PASS
	Ant2	5310	4.34	<=11	---	---	PASS
	Ant1	5510	2.66	<=11	---	---	PASS
	Ant2	5510	2.88	<=11	---	---	PASS
	Ant1	5550	3.24	<=11	---	---	PASS
	Ant2	5550	2.78	<=11	---	---	PASS
	Ant1	5670	2.25	<=11	---	---	PASS
	Ant2	5670	1.08	<=11	---	---	PASS
11AC20SISO	Ant1	5180	6.15	<=11	6.15	<=10	PASS
	Ant2	5180	5.74	<=11	5.74	<=10	PASS
	Ant1	5200	6.09	<=11	6.09	<=10	PASS
	Ant2	5200	5.65	<=11	5.65	<=10	PASS
	Ant1	5240	5.97	<=11	5.97	<=10	PASS
	Ant2	5240	5.38	<=11	5.38	<=10	PASS
	Ant1	5260	4.75	<=11	---	---	PASS
	Ant2	5260	7.08	<=11	---	---	PASS
	Ant1	5280	5.23	<=11	---	---	PASS
	Ant2	5280	7.37	<=11	---	---	PASS
	Ant1	5320	4.97	<=11	---	---	PASS
	Ant2	5320	6.23	<=11	---	---	PASS
	Ant1	5500	4.81	<=11	---	---	PASS
	Ant2	5500	3.96	<=11	---	---	PASS
	Ant1	5580	5.62	<=11	---	---	PASS
	Ant2	5580	6.12	<=11	---	---	PASS
	Ant1	5700	4.25	<=11	---	---	PASS
	Ant2	5700	2.91	<=11	---	---	PASS
11AC40SISO	Ant1	5190	4.54	<=11	4.54	<=10	PASS
	Ant2	5190	4.54	<=11	4.54	<=10	PASS
	Ant1	5230	3.58	<=11	3.58	<=10	PASS
	Ant2	5230	3.62	<=11	3.62	<=10	PASS
	Ant1	5270	3.11	<=11	---	---	PASS
	Ant2	5270	2.82	<=11	---	---	PASS
	Ant1	5310	3.75	<=11	---	---	PASS
	Ant2	5310	3.25	<=11	---	---	PASS
	Ant1	5510	2.45	<=11	---	---	PASS
	Ant2	5510	1.97	<=11	---	---	PASS
	Ant1	5550	2.98	<=11	---	---	PASS
	Ant2	5550	3.83	<=11	---	---	PASS
	Ant1	5670	1.86	<=11	---	---	PASS
	Ant2	5670	2.31	<=11	---	---	PASS
11AC80SISO	Ant1	5210	0.27	<=11	0.27	<=10	PASS
	Ant2	5210	-0.63	<=11	-0.63	<=10	PASS
	Ant1	5290	-1.02	<=11	---	---	PASS
	Ant2	5290	-1.81	<=11	---	---	PASS
	Ant1	5530	0.18	<=11	---	---	PASS
	Ant2	5530	-0.11	<=11	---	---	PASS
	Ant1	5610	0.16	<=11	---	---	PASS
	Ant2	5610	-0.21	<=11	---	---	PASS
11AX20SISO	Ant1	5180	6.64	<=11	6.64	<=10	PASS
	Ant2	5180	4.97	<=11	4.97	<=10	PASS
	Ant1	5200	6.5	<=11	6.50	<=10	PASS
	Ant2	5200	6.01	<=11	6.01	<=10	PASS
	Ant1	5240	6.5	<=11	6.50	<=10	PASS
	Ant2	5240	4.74	<=11	4.74	<=10	PASS
	Ant1	5260	4.93	<=11	---	---	PASS
	Ant2	5260	3.42	<=11	---	---	PASS
	Ant1	5280	5.27	<=11	---	---	PASS
	Ant2	5280	3.73	<=11	---	---	PASS
	Ant1	5320	5.07	<=11	---	---	PASS
	Ant2	5320	2.81	<=11	---	---	PASS
	Ant1	5500	4.75	<=11	---	---	PASS
	Ant2	5500	4.13	<=11	---	---	PASS

	Ant1	5580	6	<=11	---	---	PASS
	Ant2	5580	5.11	<=11	---	---	PASS
	Ant1	5700	4.54	<=11	---	---	PASS
	Ant2	5700	3.99	<=11	---	---	PASS
11AX40SISO	Ant1	5190	4.29	<=11	4.29	<=10	PASS
	Ant2	5190	2.72	<=11	2.72	<=10	PASS
	Ant1	5230	3.74	<=11	3.74	<=10	PASS
	Ant2	5230	2.53	<=11	2.53	<=10	PASS
	Ant1	5270	3.26	<=11	---	---	PASS
	Ant2	5270	1.88	<=11	---	---	PASS
	Ant1	5310	2.65	<=11	---	---	PASS
	Ant2	5310	1.53	<=11	---	---	PASS
	Ant1	5510	2.9	<=11	---	---	PASS
	Ant2	5510	2.85	<=11	---	---	PASS
	Ant1	5550	3.29	<=11	---	---	PASS
	Ant2	5550	3.34	<=11	---	---	PASS
	Ant1	5670	1.75	<=11	---	---	PASS
	Ant2	5670	2.37	<=11	---	---	PASS
11AX80SISO	Ant1	5210	1.01	<=11	1.01	<=10	PASS
	Ant2	5210	2.73	<=11	2.73	<=10	PASS
	Ant1	5290	0.2	<=11	---	---	PASS
	Ant2	5290	-1.36	<=11	---	---	PASS
	Ant1	5530	0.54	<=11	---	---	PASS
	Ant2	5530	0.34	<=11	---	---	PASS
	Ant1	5610	-0.93	<=11	---	---	PASS
	Ant2	5610	0.61	<=11	---	---	PASS
11N20MIMO	Ant1	5180	6.95	<=11	6.95	<=10	PASS
	Ant2	5180	5.81	<=11	5.81	<=10	PASS
	total	5180	9.43	<=11	9.43	<=10	PASS
	Ant1	5200	6.9	<=11	6.90	<=10	PASS
	Ant2	5200	5.17	<=11	5.17	<=10	PASS
	total	5200	9.13	<=11	9.13	<=10	PASS
	Ant1	5240	6.3	<=11	6.30	<=10	PASS
	Ant2	5240	5.48	<=11	5.48	<=10	PASS
	total	5240	8.92	<=11	8.92	<=10	PASS
	Ant1	5260	4.88	<=11	---	---	PASS
	Ant2	5260	4.14	<=11	---	---	PASS
	total	5260	7.54	<=11	---	---	PASS
	Ant1	5280	4.75	<=11	---	---	PASS
	Ant2	5280	4.44	<=11	---	---	PASS
	total	5280	7.61	<=11	---	---	PASS
	Ant1	5320	5.23	<=11	---	---	PASS
	Ant2	5320	3.81	<=11	---	---	PASS
	total	5320	7.59	<=11	---	---	PASS
	Ant1	5500	5.49	<=11	---	---	PASS
	Ant2	5500	5.29	<=11	---	---	PASS
	total	5500	8.40	<=11	---	---	PASS
	Ant1	5580	5.41	<=11	---	---	PASS
	Ant2	5580	6.08	<=11	---	---	PASS
	total	5580	8.77	<=11	---	---	PASS
	Ant1	5700	4.34	<=11	---	---	PASS
	Ant2	5700	4	<=11	---	---	PASS
	total	5700	7.18	<=11	---	---	PASS
11N40MIMO	Ant1	5190	5.01	<=11	5.01	<=10	PASS
	Ant2	5190	4.4	<=11	4.40	<=10	PASS
	total	5190	7.73	<=11	7.73	<=10	PASS
	Ant1	5230	3.88	<=11	3.88	<=10	PASS
	Ant2	5230	3.53	<=11	3.53	<=10	PASS
	total	5230	6.72	<=11	6.72	<=10	PASS
	Ant1	5270	2.17	<=11	---	---	PASS
	Ant2	5270	2.54	<=11	---	---	PASS
	total	5270	5.37	<=11	---	---	PASS
	Ant1	5310	3.03	<=11	---	---	PASS
	Ant2	5310	2.17	<=11	---	---	PASS

	total	5310	5.63	<=11	---	---	PASS
	Ant1	5510	3.4	<=11	---	---	PASS
	Ant2	5510	3.36	<=11	---	---	PASS
	total	5510	6.39	<=11	---	---	PASS
	Ant1	5550	2.97	<=11	---	---	PASS
	Ant2	5550	4.63	<=11	---	---	PASS
	total	5550	6.89	<=11	---	---	PASS
	Ant1	5670	1.72	<=11	---	---	PASS
	Ant2	5670	1.24	<=11	---	---	PASS
	total	5670	4.50	<=11	---	---	PASS
11AC20MIMO	Ant1	5180	7.09	<=11	7.09	<=10	PASS
	Ant2	5180	6.56	<=11	6.56	<=10	PASS
	total	5180	9.84	<=11	9.84	<=10	PASS
	Ant1	5200	6.83	<=11	6.83	<=10	PASS
	Ant2	5200	6.24	<=11	6.24	<=10	PASS
	total	5200	9.56	<=11	9.56	<=10	PASS
	Ant1	5240	6.32	<=11	6.32	<=10	PASS
	Ant2	5240	5.81	<=11	5.81	<=10	PASS
	total	5240	9.08	<=11	9.08	<=10	PASS
	Ant1	5260	5.13	<=11	---	---	PASS
	Ant2	5260	4.58	<=11	---	---	PASS
	total	5260	7.87	<=11	---	---	PASS
	Ant1	5280	5.05	<=11	---	---	PASS
	Ant2	5280	4.45	<=11	---	---	PASS
	total	5280	7.77	<=11	---	---	PASS
	Ant1	5320	4.81	<=11	---	---	PASS
	Ant2	5320	3.57	<=11	---	---	PASS
	total	5320	7.24	<=11	---	---	PASS
	Ant1	5500	5.46	<=11	---	---	PASS
	Ant2	5500	5.12	<=11	---	---	PASS
	total	5500	8.30	<=11	---	---	PASS
	Ant1	5580	5.67	<=11	---	---	PASS
	Ant2	5580	5.96	<=11	---	---	PASS
	total	5580	8.83	<=11	---	---	PASS
	Ant1	5700	4.95	<=11	---	---	PASS
	Ant2	5700	4.98	<=11	---	---	PASS
	total	5700	7.98	<=11	---	---	PASS
11AC40MIMO	Ant1	5190	4.85	<=11	4.85	<=10	PASS
	Ant2	5190	3.81	<=11	3.81	<=10	PASS
	total	5190	7.37	<=11	7.37	<=10	PASS
	Ant1	5230	3.62	<=11	3.62	<=10	PASS
	Ant2	5230	3.24	<=11	3.24	<=10	PASS
	total	5230	6.44	<=11	6.44	<=10	PASS
	Ant1	5270	2.57	<=11	---	---	PASS
	Ant2	5270	1.83	<=11	---	---	PASS
	total	5270	5.23	<=11	---	---	PASS
	Ant1	5310	2.87	<=11	---	---	PASS
	Ant2	5310	2.06	<=11	---	---	PASS
	total	5310	5.49	<=11	---	---	PASS
	Ant1	5510	3.48	<=11	---	---	PASS
	Ant2	5510	3.78	<=11	---	---	PASS
	total	5510	6.64	<=11	---	---	PASS
	Ant1	5550	3.79	<=11	---	---	PASS
	Ant2	5550	3.36	<=11	---	---	PASS
	total	5550	6.59	<=11	---	---	PASS
	Ant1	5670	2.24	<=11	---	---	PASS
	Ant2	5670	2.81	<=11	---	---	PASS
	total	5670	5.54	<=11	---	---	PASS
11AC80MIMO	Ant1	5210	0.23	<=11	0.23	<=10	PASS
	Ant2	5210	0.54	<=11	0.54	<=10	PASS
	total	5210	3.40	<=11	3.40	<=10	PASS
	Ant1	5290	-0.52	<=11	---	---	PASS
	Ant2	5290	-1.96	<=11	---	---	PASS
	total	5290	1.83	<=11	---	---	PASS

	Ant1	5530	0	<=11	---	---	PASS
	Ant2	5530	1.04	<=11	---	---	PASS
	total	5530	3.56	<=11	---	---	PASS
	Ant1	5610	0.64	<=11	---	---	PASS
	Ant2	5610	1.3	<=11	---	---	PASS
	total	5610	3.99	<=11	---	---	PASS
11AX20MIMO	Ant1	5180	6.37	<=11	6.37	<=10	PASS
	Ant2	5180	5.87	<=11	5.87	<=10	PASS
	total	5180	9.14	<=11	9.14	<=10	PASS
	Ant1	5200	6.89	<=11	6.89	<=10	PASS
	Ant2	5200	5.83	<=11	5.83	<=10	PASS
	total	5200	9.40	<=11	9.40	<=10	PASS
	Ant1	5240	5.58	<=11	5.58	<=10	PASS
	Ant2	5240	5.06	<=11	5.06	<=10	PASS
	total	5240	8.34	<=11	8.34	<=10	PASS
	Ant1	5260	5.79	<=11	---	---	PASS
	Ant2	5260	3.98	<=11	---	---	PASS
	total	5260	7.99	<=11	---	---	PASS
	Ant1	5280	4.73	<=11	---	---	PASS
	Ant2	5280	4.83	<=11	---	---	PASS
	total	5280	7.79	<=11	---	---	PASS
	Ant1	5320	5.79	<=11	---	---	PASS
	Ant2	5320	4.05	<=11	---	---	PASS
	total	5320	8.02	<=11	---	---	PASS
	Ant1	5500	5.9	<=11	---	---	PASS
	Ant2	5500	5.12	<=11	---	---	PASS
	total	5500	8.54	<=11	---	---	PASS
	Ant1	5580	6.07	<=11	---	---	PASS
	Ant2	5580	6.02	<=11	---	---	PASS
	total	5580	9.06	<=11	---	---	PASS
	Ant1	5700	5.28	<=11	---	---	PASS
	Ant2	5700	4.14	<=11	---	---	PASS
	total	5700	7.76	<=11	---	---	PASS
	Ant1	5745	2.31	<=30	---	---	PASS
	Ant2	5745	3.68	<=30	---	---	PASS
	total	5745	6.06	<=30	---	---	PASS
	Ant1	5785	2.8	<=30	---	---	PASS
	Ant2	5785	3.28	<=30	---	---	PASS
	total	5785	6.06	<=30	---	---	PASS
11AX40MIMO	Ant1	5190	4.6	<=11	4.60	<=10	PASS
	Ant2	5190	3.69	<=11	3.69	<=10	PASS
	total	5190	7.18	<=11	7.18	<=10	PASS
	Ant1	5230	3.12	<=11	3.12	<=10	PASS
	Ant2	5230	3.1	<=11	3.10	<=10	PASS
	total	5230	6.12	<=11	6.12	<=10	PASS
	Ant1	5270	2.65	<=11	---	---	PASS
	Ant2	5270	2.07	<=11	---	---	PASS
	total	5270	5.38	<=11	---	---	PASS
	Ant1	5310	2.8	<=11	---	---	PASS
	Ant2	5310	2.6	<=11	---	---	PASS
	total	5310	5.71	<=11	---	---	PASS
	Ant1	5510	3.46	<=11	---	---	PASS
	Ant2	5510	3.12	<=11	---	---	PASS
	total	5510	6.30	<=11	---	---	PASS
	Ant1	5550	3.58	<=11	---	---	PASS
	Ant2	5550	3.54	<=11	---	---	PASS
	total	5550	6.57	<=11	---	---	PASS
	Ant1	5670	2.85	<=11	---	---	PASS
	Ant2	5670	1.19	<=11	---	---	PASS
	total	5670	5.11	<=11	---	---	PASS
11AX80MIMO	Ant1	5210	1.02	<=11	1.02	<=10	PASS
	Ant2	5210	0.05	<=11	0.05	<=10	PASS
	total	5210	3.57	<=11	3.57	<=10	PASS
	Ant1	5290	-0.47	<=11	---	---	PASS

	Ant2	5290	-1.05	<=11	---	---	PASS
	total	5290	2.26	<=11	---	---	PASS
	Ant1	5530	0.39	<=11	---	---	PASS
	Ant2	5530	1.24	<=11	---	---	PASS
	total	5530	3.85	<=11	---	---	PASS
	Ant1	5610	1.47	<=11	---	---	PASS
	Ant2	5610	1.59	<=11	---	---	PASS
	total	5610	4.54	<=11	---	---	PASS

TestMode	Antenna	Channel	Result [dBm/500KHz]	Limit [dBm/500KHz]	E.I.R.P [dBm/500KHz]	E.I.R.P Limit [dBm/500KHz]	Verdict
11A	Ant1	5745	2.05	<=30	---	---	PASS
	Ant2	5745	2.42	<=30	---	---	PASS
	Ant1	5785	2.31	<=30	---	---	PASS
	Ant2	5785	1.64	<=30	---	---	PASS
	Ant1	5825	2.64	<=30	---	---	PASS
	Ant2	5825	4.18	<=30	---	---	PASS
11N20SISO	Ant1	5745	1.03	<=30	---	---	PASS
	Ant2	5745	1.3	<=30	---	---	PASS
	Ant1	5785	1.79	<=30	---	---	PASS
	Ant2	5785	1.97	<=30	---	---	PASS
	Ant1	5825	2.58	<=30	---	---	PASS
	Ant2	5825	2.06	<=30	---	---	PASS
11N40SISO	Ant1	5755	-0.76	<=30	---	---	PASS
	Ant2	5755	1.11	<=30	---	---	PASS
	Ant1	5795	0.05	<=30	---	---	PASS
	Ant2	5795	0.97	<=30	---	---	PASS
11AC20SISO	Ant1	5745	2.05	<=30	---	---	PASS
	Ant2	5745	2.04	<=30	---	---	PASS
	Ant1	5785	2.36	<=30	---	---	PASS
	Ant2	5785	1.86	<=30	---	---	PASS
	Ant1	5825	2.3	<=30	---	---	PASS
	Ant2	5825	3.14	<=30	---	---	PASS
11AC40SISO	Ant1	5755	-0.15	<=30	---	---	PASS
	Ant2	5755	1.41	<=30	---	---	PASS
	Ant1	5795	-0.04	<=30	---	---	PASS
	Ant2	5795	-0.88	<=30	---	---	PASS
11AC80SISO	Ant1	5775	-3.51	<=30	---	---	PASS
	Ant2	5775	-3.29	<=30	---	---	PASS
11AX20SISO	Ant1	5745	1.74	<=30	---	---	PASS
	Ant2	5745	2.48	<=30	---	---	PASS
	Ant1	5785	1.51	<=30	---	---	PASS
	Ant2	5785	3.16	<=30	---	---	PASS
	Ant1	5825	3.61	<=30	---	---	PASS
	Ant2	5825	3.68	<=30	---	---	PASS
11AX40SISO	Ant1	5755	0.08	<=30	---	---	PASS
	Ant2	5755	0.12	<=30	---	---	PASS
	Ant1	5795	-0.01	<=30	---	---	PASS
	Ant2	5795	0.17	<=30	---	---	PASS
11AX80SISO	Ant1	5775	-3.68	<=30	---	---	PASS
	Ant2	5775	-2.98	<=30	---	---	PASS
11N20MIMO	Ant1	5745	2.03	<=30	---	---	PASS
	Ant2	5745	3.59	<=30	---	---	PASS
	total	5745	5.89	<=30	---	---	PASS
	Ant1	5785	2.56	<=30	---	---	PASS
	Ant2	5785	2.65	<=30	---	---	PASS
	total	5785	5.62	<=30	---	---	PASS
	Ant1	5825	2.82	<=30	---	---	PASS
	Ant2	5825	2.93	<=30	---	---	PASS
	total	5825	5.89	<=30	---	---	PASS
11N40MIMO	Ant1	5755	-0.04	<=30	---	---	PASS
	Ant2	5755	1.35	<=30	---	---	PASS

	total	5755	3.72	<=30	---	---	PASS
	Ant1	5795	-0.16	<=30	---	---	PASS
	Ant2	5795	1.38	<=30	---	---	PASS
	total	5795	3.69	<=30	---	---	PASS
11AC20MIMO	Ant1	5745	2.21	<=30	---	---	PASS
	Ant2	5745	3.2	<=30	---	---	PASS
	total	5745	5.74	<=30	---	---	PASS
	Ant1	5785	1.98	<=30	---	---	PASS
	Ant2	5785	2.62	<=30	---	---	PASS
	total	5785	5.32	<=30	---	---	PASS
	Ant1	5825	2.21	<=30	---	---	PASS
	Ant2	5825	4.04	<=30	---	---	PASS
	total	5825	6.23	<=30	---	---	PASS
11AC40MIMO	Ant1	5755	-0.74	<=30	---	---	PASS
	Ant2	5755	0.32	<=30	---	---	PASS
	total	5755	2.83	<=30	---	---	PASS
	Ant1	5795	1.24	<=30	---	---	PASS
	Ant2	5795	1.15	<=30	---	---	PASS
	total	5795	4.21	<=30	---	---	PASS
11AC80MIMO	Ant1	5775	-3.02	<=30	---	---	PASS
	Ant2	5775	-2.55	<=30	---	---	PASS
	total	5775	0.23	<=30	---	---	PASS
11AX20MIMO	Ant1	5745	2.31	<=30	---	---	PASS
	Ant2	5745	3.68	<=30	---	---	PASS
	total	5745	6.06	<=30	---	---	PASS
	Ant1	5785	2.8	<=30	---	---	PASS
	Ant2	5785	3.28	<=30	---	---	PASS
	total	5785	6.06	<=30	---	---	PASS
	Ant1	5825	3.15	<=30	---	---	PASS
	Ant2	5825	2.84	<=30	---	---	PASS
	total	5825	6.01	<=30	---	---	PASS
11AX40MIMO	Ant1	5755	-0.31	<=30	---	---	PASS
	Ant2	5755	0.67	<=30	---	---	PASS
	total	5755	3.22	<=30	---	---	PASS
	Ant1	5795	1.22	<=30	---	---	PASS
	Ant2	5795	2.61	<=30	---	---	PASS
	total	5795	4.98	<=30	---	---	PASS
11AX80MIMO	Ant1	5775	-1.82	<=30	---	---	PASS
	Ant2	5775	-3.3	<=30	---	---	PASS
	total	5775	0.51	<=30	---	---	PASS

5.5 Frequency Stability

Ambient condition:

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Method of Measurement:

1. Frequency stability with respect to ambient temperature

a) Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT. If possible, a dummy load shall be connected to the EUT because an antenna near the metallic walls of an environmental test chamber could affect the output frequency of the EUT. If the EUT is equipped with a permanently attached, adjustable-length antenna, then the EUT shall be placed in the center of the chamber with the antenna adjusted to the shortest length possible. Turn ON the EUT and tune it to one of the number of frequencies shown in 5.6.

b) Couple the unlicensed wireless device output to the measuring instrument by connecting an antenna to the measuring instrument with a suitable length of coaxial cable and placing the measuring antenna near the EUT (e.g., 15 cm away), or by connecting a dummy load to the measuring instrument, through an attenuator if necessary.

c) Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).

d) Turn the EUT OFF and place it inside the environmental temperature chamber. For devices that have oscillator heaters, energize only the heater circuit.

e) Set the temperature control on the chamber to the highest specified in the regulatory requirements for the type of device and allow the oscillator heater and the chamber temperature to stabilize.

f) 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.

g) Measure the frequency at each of frequencies specified in 5.6.

h) Switch OFF the EUT but do not switch OFF the oscillator heater.

i) Lower the chamber temperature by not more that 10 C, and allow the temperature inside the chamber to stabilize.

j) Repeat step f) through step i) down to the lowest specified temperature.

2. Frequency stability when varying supply voltage

Unless otherwise specified, these tests shall be made at ambient room temperature (+15 C to +25 C). An antenna shall be connected to the antenna output terminals of the EUT if possible. If the EUT is equipped with or uses an adjustable-length antenna, then it shall be fully extended.

a) Supply the EUT with nominal voltage or install a new or fully charged battery in the EUT. Turn ON the EUT and couple its output to a frequency counter or other frequency-measuring instrument.

b) Tune the EUT to one of the number of frequencies required in 5.6. Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).

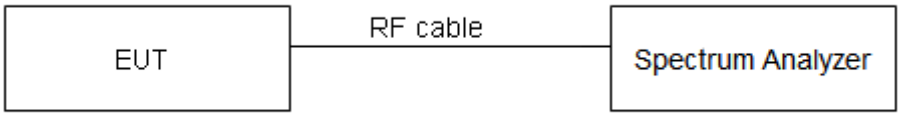
c) Measure the frequency at each of the frequencies specified in 5.6.

d) Repeat the above procedure at 85% and 115% of the nominal supply voltage.

Limits:

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

Test Setup:



Measurement Uncertainty：

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U= 936 Hz.

Test Results:

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-18000	-3.474903	20	PASS
			LV	NT	-17000	-3.281853	20	PASS
			HV	NT	-18000	-3.474903	20	PASS
	Ant2	5180	NV	NT	-13000	-2.509653	20	PASS
			LV	NT	-13000	-2.509653	20	PASS
			HV	NT	-14000	-2.702703	20	PASS
	Ant1	5200	NV	NT	-12000	-2.307692	20	PASS
			LV	NT	-13000	-2.503944	20	PASS
			HV	NT	-13000	-2.582084	20	PASS
	Ant2	5200	NV	NT	-14000	-2.692308	20	PASS
			LV	NT	-14000	-2.692308	20	PASS
			HV	NT	-14000	-2.692308	20	PASS
	Ant1	5240	NV	NT	-13000	-2.480916	20	PASS
			LV	NT	-11000	-2.099237	20	PASS
			HV	NT	-10000	-1.908397	20	PASS
	Ant2	5240	NV	NT	-14000	-2.671756	20	PASS
			LV	NT	-14000	-2.671756	20	PASS
			HV	NT	-15000	-2.862595	20	PASS
	Ant1	5260	NV	NT	-9000	-1.711027	20	PASS
			LV	NT	-11000	-2.091255	20	PASS
			HV	NT	-12000	-2.281369	20	PASS
	Ant2	5260	NV	NT	-15000	-2.851711	20	PASS
			LV	NT	-15000	-2.851711	20	PASS
			HV	NT	-15000	-2.851711	20	PASS
	Ant1	5280	NV	NT	-14000	-2.651515	20	PASS
			LV	NT	-14000	-2.651515	20	PASS
			HV	NT	-15000	-2.840909	20	PASS
	Ant2	5280	NV	NT	-15000	-2.840909	20	PASS
			LV	NT	-15000	-2.840909	20	PASS
			HV	NT	-15000	-2.840909	20	PASS
	Ant1	5320	NV	NT	-13000	-2.443609	20	PASS
			LV	NT	-13000	-2.443609	20	PASS
			HV	NT	-12000	-2.255639	20	PASS
	Ant2	5320	NV	NT	-14000	-2.631579	20	PASS
			LV	NT	-14000	-2.631579	20	PASS
			HV	NT	-14000	-2.631579	20	PASS
	Ant1	5500	NV	NT	-13000	-2.363636	20	PASS
			LV	NT	-13000	-2.363636	20	PASS
			HV	NT	-13000	-2.363636	20	PASS
	Ant2	5500	NV	NT	-14000	-2.545455	20	PASS
			LV	NT	-15000	-2.727273	20	PASS
			HV	NT	-15000	-2.727273	20	PASS

	Ant1	5580	NV	NT	-14000	-2.508961	20	PASS
			LV	NT	-14000	-2.508961	20	PASS
			HV	NT	-14000	-2.508961	20	PASS
	Ant2	5580	NV	NT	-14000	-2.508961	20	PASS
			LV	NT	-14000	-2.508961	20	PASS
			HV	NT	-14000	-2.508961	20	PASS
	Ant1	5700	NV	NT	-14000	-2.45614	20	PASS
			LV	NT	-15000	-2.631579	20	PASS
			HV	NT	-15000	-2.631579	20	PASS
	Ant2	5700	NV	NT	-14000	-2.45614	20	PASS
			LV	NT	-14000	-2.45614	20	PASS
			HV	NT	-14000	-2.45614	20	PASS
	Ant1	5745	NV	NT	-15000	-2.610966	20	PASS
			LV	NT	-15000	-2.610966	20	PASS
			HV	NT	-15000	-2.610966	20	PASS
		5785	NV	NT	-15000	-2.592913	20	PASS
			LV	NT	-15000	-2.592913	20	PASS
			HV	NT	-15000	-2.592913	20	PASS
		5825	NV	NT	-15000	-2.575107	20	PASS
			LV	NT	-15000	-2.575107	20	PASS
			HV	NT	-15000	-2.575107	20	PASS
11N20SISO	Ant1	5180	NV	NT	-13000	-2.509653	20	PASS
			LV	NT	-14000	-2.702703	20	PASS
			HV	NT	-14000	-2.702703	20	PASS
		5200	NV	NT	-14000	-2.692308	20	PASS
			LV	NT	-14000	-2.692308	20	PASS
			HV	NT	-14000	-2.692308	20	PASS
		5240	NV	NT	-14000	-2.671756	20	PASS
			LV	NT	-14000	-2.671756	20	PASS
			HV	NT	-14000	-2.671756	20	PASS
		5260	NV	NT	-14000	-2.661597	20	PASS
			LV	NT	-14000	-2.661597	20	PASS
			HV	NT	-13000	-2.471483	20	PASS
		5280	NV	NT	-13000	-2.462121	20	PASS
			LV	NT	-12000	-2.272727	20	PASS
			HV	NT	-12000	-2.272727	20	PASS
		5320	NV	NT	-12000	-2.255639	20	PASS
			LV	NT	-12000	-2.255639	20	PASS
			HV	NT	-12000	-2.255639	20	PASS
		5500	NV	NT	-13000	-2.363636	20	PASS
			LV	NT	-13000	-2.363636	20	PASS
			HV	NT	-13000	-2.363636	20	PASS
		5580	NV	NT	-14000	-2.508961	20	PASS
			LV	NT	-14000	-2.508961	20	PASS
			HV	NT	-14000	-2.508961	20	PASS
		5700	NV	NT	-14000	-2.45614	20	PASS
			LV	NT	-14000	-2.45614	20	PASS

			HV	NT	-14000	-2.45614	20	PASS
		5745	NV	NT	-14000	-2.436902	20	PASS
			LV	NT	-14000	-2.436902	20	PASS
			HV	NT	-14000	-2.436902	20	PASS
		5785	NV	NT	-14000	-2.420052	20	PASS
			LV	NT	-15000	-2.592913	20	PASS
			HV	NT	-14000	-2.420052	20	PASS
		5825	NV	NT	-14000	-2.403433	20	PASS
			LV	NT	-15000	-2.575107	20	PASS
			HV	NT	-15000	-2.575107	20	PASS
11N40SISO	Ant1	5190	NV	NT	-13000	-2.504817	20	PASS
			LV	NT	-14000	-2.697495	20	PASS
			HV	NT	-14000	-2.697495	20	PASS
		5230	NV	NT	-12000	-2.294455	20	PASS
			LV	NT	-12000	-2.294455	20	PASS
			HV	NT	-12000	-2.294455	20	PASS
		5270	NV	NT	-12000	-2.27704	20	PASS
			LV	NT	-12000	-2.27704	20	PASS
			HV	NT	-12000	-2.27704	20	PASS
		5310	NV	NT	-13000	-2.448211	20	PASS
			LV	NT	-13000	-2.448211	20	PASS
			HV	NT	-13000	-2.448211	20	PASS
		5510	NV	NT	-14000	-2.540835	20	PASS
			LV	NT	-14000	-2.540835	20	PASS
			HV	NT	-14000	-2.540835	20	PASS
		5550	NV	NT	-14000	-2.522523	20	PASS
			LV	NT	-14000	-2.522523	20	PASS
			HV	NT	-14000	-2.522523	20	PASS
		5670	NV	NT	-10000	-1.763668	20	PASS
			LV	NT	-12000	-2.116402	20	PASS
			HV	NT	-13000	-2.292769	20	PASS
		5755	NV	NT	-15000	-2.606429	20	PASS
			LV	NT	-15000	-2.606429	20	PASS
			HV	NT	-15000	-2.606429	20	PASS
		5795	NV	NT	-14000	-2.415876	20	PASS
			LV	NT	-15000	-2.588438	20	PASS
			HV	NT	-15000	-2.588438	20	PASS
11AC20SISO	Ant1	5180	NV	NT	-13000	-2.509653	20	PASS
			LV	NT	-14000	-2.702703	20	PASS
			HV	NT	-14000	-2.702703	20	PASS
		5200	NV	NT	-14000	-2.692308	20	PASS
			LV	NT	-14000	-2.692308	20	PASS
			HV	NT	-13000	-2.692308	20	PASS
		5240	NV	NT	-13000	-2.480916	20	PASS
			LV	NT	-13000	-2.480916	20	PASS
			HV	NT	-13000	-2.480916	20	PASS
		5260	NV	NT	-13000	-2.471483	20	PASS

			LV	NT	-13000	-2.471483	20	PASS
			HV	NT	-13000	-2.471483	20	PASS
		5280	NV	NT	-12000	-2.272727	20	PASS
			LV	NT	-13000	-2.462121	20	PASS
			HV	NT	-13000	-2.462121	20	PASS
		5320	NV	NT	-13000	-2.443609	20	PASS
			LV	NT	-13000	-2.443609	20	PASS
			HV	NT	-13000	-2.443609	20	PASS
		5500	NV	NT	-13000	-2.363636	20	PASS
			LV	NT	-13000	-2.363636	20	PASS
			HV	NT	-13000	-2.363636	20	PASS
		5580	NV	NT	-13000	-2.329749	20	PASS
			LV	NT	-12000	-2.150538	20	PASS
			HV	NT	-12000	-2.150538	20	PASS
		5700	NV	NT	-13000	-2.280702	20	PASS
			LV	NT	-13000	-2.280702	20	PASS
			HV	NT	-13000	-2.280702	20	PASS
		5745	NV	NT	-13000	-2.262837	20	PASS
			LV	NT	-13000	-2.262837	20	PASS
			HV	NT	-12000	-2.088773	20	PASS
		5785	NV	NT	1000	0.172861	20	PASS
			LV	NT	-6000	-1.037165	20	PASS
			HV	NT	-8000	-1.382887	20	PASS
		5825	NV	NT	-16000	-2.746781	20	PASS
			LV	NT	-17000	-2.918455	20	PASS
			HV	NT	-17000	-2.918455	20	PASS
11AC40SISO	Ant1	5190	NV	NT	-15000	-2.890173	20	PASS
			LV	NT	-16000	-3.082852	20	PASS
			HV	NT	-15000	-2.890173	20	PASS
		5230	NV	NT	-15000	-2.868069	20	PASS
			LV	NT	-16000	-3.059273	20	PASS
			HV	NT	-16000	-3.059273	20	PASS
		5270	NV	NT	-15000	-2.8463	20	PASS
			LV	NT	-15000	-2.8463	20	PASS
			HV	NT	-15000	-2.8463	20	PASS
		5310	NV	NT	-15000	-2.824859	20	PASS
			LV	NT	-15000	-2.824859	20	PASS
			HV	NT	-15000	-2.824859	20	PASS
		5510	NV	NT	-15000	-2.722323	20	PASS
			LV	NT	-16000	-2.903811	20	PASS
			HV	NT	-16000	-2.903811	20	PASS
		5550	NV	NT	-15000	-2.702703	20	PASS
			LV	NT	-16000	-2.882883	20	PASS
			HV	NT	-16000	-2.882883	20	PASS
		5670	NV	NT	-15000	-2.645503	20	PASS
			LV	NT	-15000	-2.645503	20	PASS
			HV	NT	-15000	-2.645503	20	PASS

		5755	NV	NT	-15000	-2.606429	20	PASS
			LV	NT	-15000	-2.606429	20	PASS
			HV	NT	-15000	-2.606429	20	PASS
		5795	NV	NT	-15000	-2.588438	20	PASS
			LV	NT	-15000	-2.588438	20	PASS
			HV	NT	-15000	-2.588438	20	PASS
11AC80SISO	Ant1	5210	NV	NT	-14000	-2.68714	20	PASS
			LV	NT	-14000	-2.68714	20	PASS
			HV	NT	-14000	-2.68714	20	PASS
		5290	NV	NT	-14000	-2.646503	20	PASS
			LV	NT	-14000	-2.646503	20	PASS
			HV	NT	-14000	-2.646503	20	PASS
		5530	NV	NT	-14000	-2.531646	20	PASS
			LV	NT	-15000	-2.712477	20	PASS
			HV	NT	-15000	-2.712477	20	PASS
		5610	NV	NT	-14000	-2.495544	20	PASS
			LV	NT	-14000	-2.495544	20	PASS
			HV	NT	-14000	-2.495544	20	PASS
		5775	NV	NT	-13000	-2.251082	20	PASS
			LV	NT	-14000	-2.424242	20	PASS
			HV	NT	-14000	-2.424242	20	PASS
11AX20SISO	Ant1	5180	NV	NT	-13000	-2.509653	20	PASS
			LV	NT	-14000	-2.702703	20	PASS
			HV	NT	-14000	-2.702703	20	PASS
		5200	NV	NT	-14000	-2.692308	20	PASS
			LV	NT	-14000	-2.692308	20	PASS
			HV	NT	-14000	-2.692308	20	PASS
		5240	NV	NT	-14000	-2.671756	20	PASS
			LV	NT	-14000	-2.671756	20	PASS
			HV	NT	-14000	-2.671756	20	PASS
		5260	NV	NT	-13000	-2.471483	20	PASS
			LV	NT	-14000	-2.661597	20	PASS
			HV	NT	-14000	-2.661597	20	PASS
		5280	NV	NT	-13000	-2.462121	20	PASS
			LV	NT	-13000	-2.462121	20	PASS
			HV	NT	-14000	-2.651515	20	PASS
		5320	NV	NT	-13000	-2.443609	20	PASS
			LV	NT	-14000	-2.631579	20	PASS
			HV	NT	-13000	-2.443609	20	PASS
		5500	NV	NT	-13000	-2.363636	20	PASS
			LV	NT	-14000	-2.545455	20	PASS
			HV	NT	-14000	-2.545455	20	PASS
		5580	NV	NT	-14000	-2.508961	20	PASS
			LV	NT	-14000	-2.508961	20	PASS
			HV	NT	-14000	-2.508961	20	PASS
		5700	NV	NT	-14000	-2.45614	20	PASS
			LV	NT	-13000	-2.280702	20	PASS

			HV	NT	-14000	-2.45614	20	PASS
		5745	NV	NT	-13000	-2.262837	20	PASS
			LV	NT	-14000	-2.436902	20	PASS
			HV	NT	-14000	-2.436902	20	PASS
		5785	NV	NT	-13000	-2.247191	20	PASS
			LV	NT	-13000	-2.247191	20	PASS
			HV	NT	-13000	-2.247191	20	PASS
		5825	NV	NT	-13000	-2.23176	20	PASS
			LV	NT	-13000	-2.23176	20	PASS
			HV	NT	-13000	-2.23176	20	PASS
11AX40SISO	Ant1	5190	NV	NT	-12000	-2.312139	20	PASS
			LV	NT	-13000	-2.504817	20	PASS
			HV	NT	-13000	-2.504817	20	PASS
		5230	NV	NT	-14000	-2.676864	20	PASS
			LV	NT	-14000	-2.676864	20	PASS
			HV	NT	-14000	-2.676864	20	PASS
		5270	NV	NT	-14000	-2.656546	20	PASS
			LV	NT	-14000	-2.656546	20	PASS
			HV	NT	-14000	-2.656546	20	PASS
		5310	NV	NT	-13000	-2.448211	20	PASS
			LV	NT	-14000	-2.636535	20	PASS
			HV	NT	-14000	-2.636535	20	PASS
		5510	NV	NT	-13000	-2.359347	20	PASS
			LV	NT	-14000	-2.540835	20	PASS
			HV	NT	-14000	-2.540835	20	PASS
		5550	NV	NT	-15000	-2.702703	20	PASS
			LV	NT	-15000	-2.702703	20	PASS
			HV	NT	-15000	-2.702703	20	PASS
		5670	NV	NT	-14000	-2.469136	20	PASS
			LV	NT	-14000	-2.469136	20	PASS
			HV	NT	-14000	-2.469136	20	PASS
		5755	NV	NT	-13000	-2.258905	20	PASS
			LV	NT	-14000	-2.432667	20	PASS
			HV	NT	-14000	-2.432667	20	PASS
		5795	NV	NT	-14000	-2.415876	20	PASS
			LV	NT	-14000	-2.415876	20	PASS
			HV	NT	-14000	-2.415876	20	PASS
11AX80SISO	Ant1	5210	NV	NT	-13000	-2.495202	20	PASS
			LV	NT	-13000	-2.495202	20	PASS
			HV	NT	-14000	-2.68714	20	PASS
		5290	NV	NT	-14000	-2.646503	20	PASS
			LV	NT	-14000	-2.646503	20	PASS
			HV	NT	-14000	-2.646503	20	PASS
		5530	NV	NT	-15000	-2.712477	20	PASS
			LV	NT	-15000	-2.712477	20	PASS
			HV	NT	-15000	-2.712477	20	PASS
		5610	NV	NT	-1000	-0.178253	20	PASS

			LV	NT	-4000	-0.713012	20	PASS
			HV	NT	-7000	-1.247772	20	PASS
		5775	NV	NT	-15000	-2.597403	20	PASS
			LV	NT	-15000	-2.597403	20	PASS
			HV	NT	-15000	-2.597403	20	PASS

5.6 Unwanted Emission

Ambient condition:

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Method of Measurement:

The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.

The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading.

The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

Above 1GHz test procedure as below:

Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 meter to 1.5 meter(Above 18GHz the distance is 1 meter and table is 1.5 meter)..

Test the EUT in the lowest channel ,the middle channel ,the Highest channel

The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.

Repeat above procedures until all frequencies measured was complete.

Limits:

1. For transmitters operating in the 5725-5850 MHz band: 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.
2. For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz(68.2dBμV/m).
3. For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz(68.2dBμV/m).
4. For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz(68.2dBμV/m).

Note: the following formula is used to convert the EIRP to field strength

§1、E[dBμV/m] = EIRP[dBm] - 20 log(d[meters]) + 104.77, where E = field strength and

d = distance at which field strength limit is specified in the rules;

§2、E[dBμV/m] = EIRP[dBm] + 95.2, for d = 3 meters

5. Unwanted spurious emissions fallen in restricted bands per FCC Part15.205 shall comply with the general field strength limits set forth in § 15.209 as below table.

Frequency	Field strength (microvolt/meter)	Limit (dBμV/m)	Remark	Measurement distance (m)
30MHz-88MHz	100	40.0	Quasi-peak	3
88MHz-216MHz	150	43.5	Quasi-peak	3
216MHz-960MHz	200	46.0	Quasi-peak	3
960MHz-1GHz	500	54.0	Quasi-peak	3
Above 1GHz	500	54.0	Average	3

Measurement Data

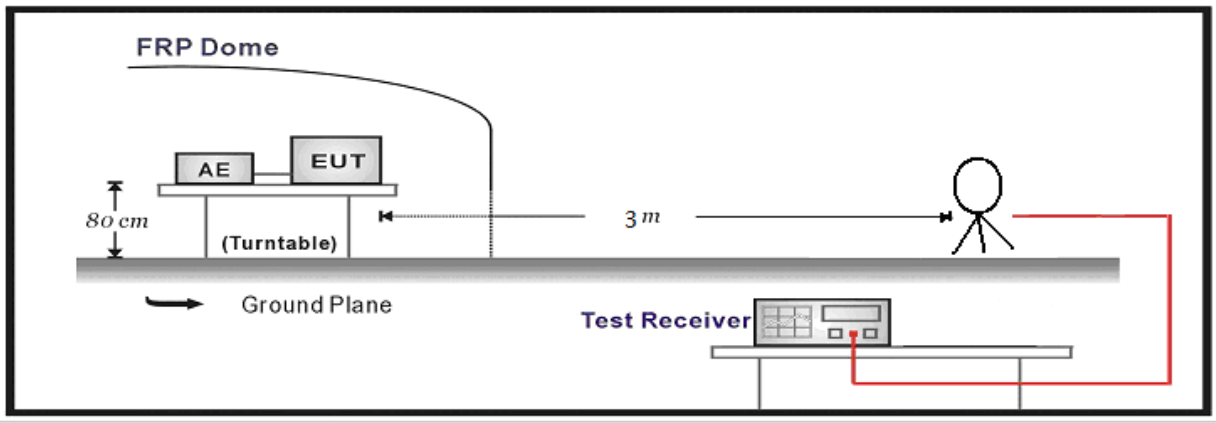
The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading - Correct Factor

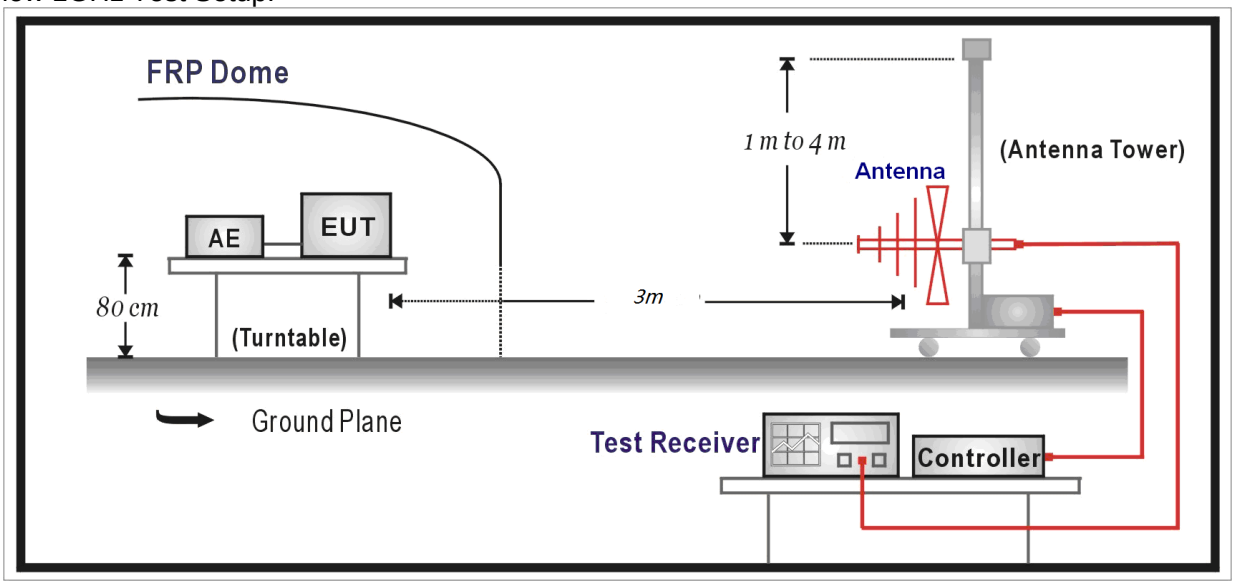
Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

Test Setup:

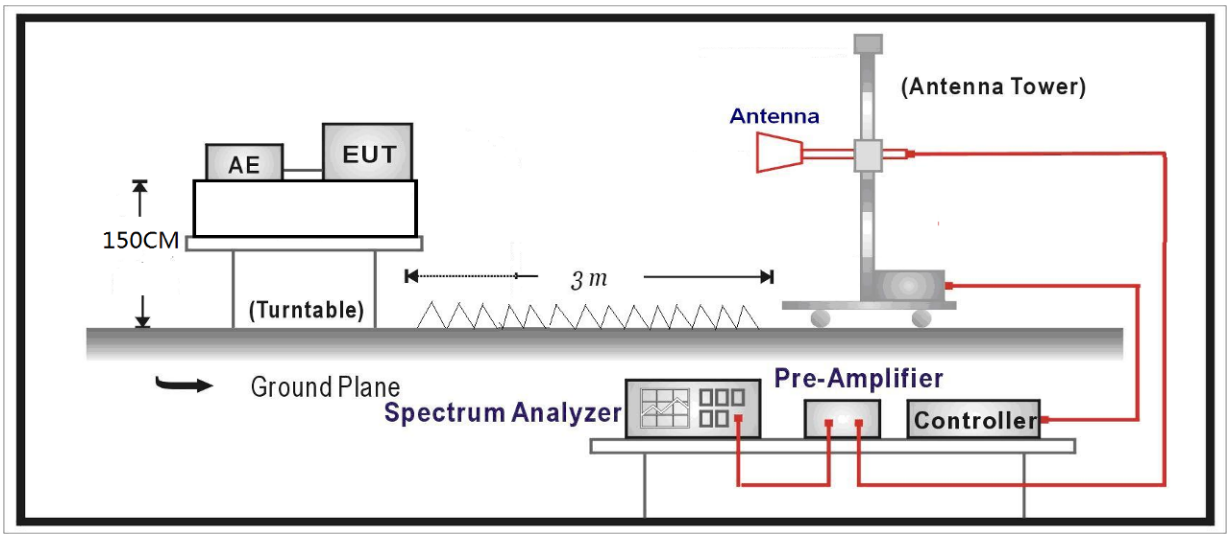
Below 30MHz Test Setup:



Below 1GHz Test Setup:



Above 1GHz Test Setup:



Measurement Uncertainty：

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 1.96.

Frequency	Uncertainty
9KHz-30MHz	3.55 dB
30MHz-200MHz	4.19 dB
200MHz-1GHz	3.63 dB
1GHz-26.5G	3.68 dB
26.5G-40GHz	4.76dB

5.6.1 Band edge measurements (Radiates):

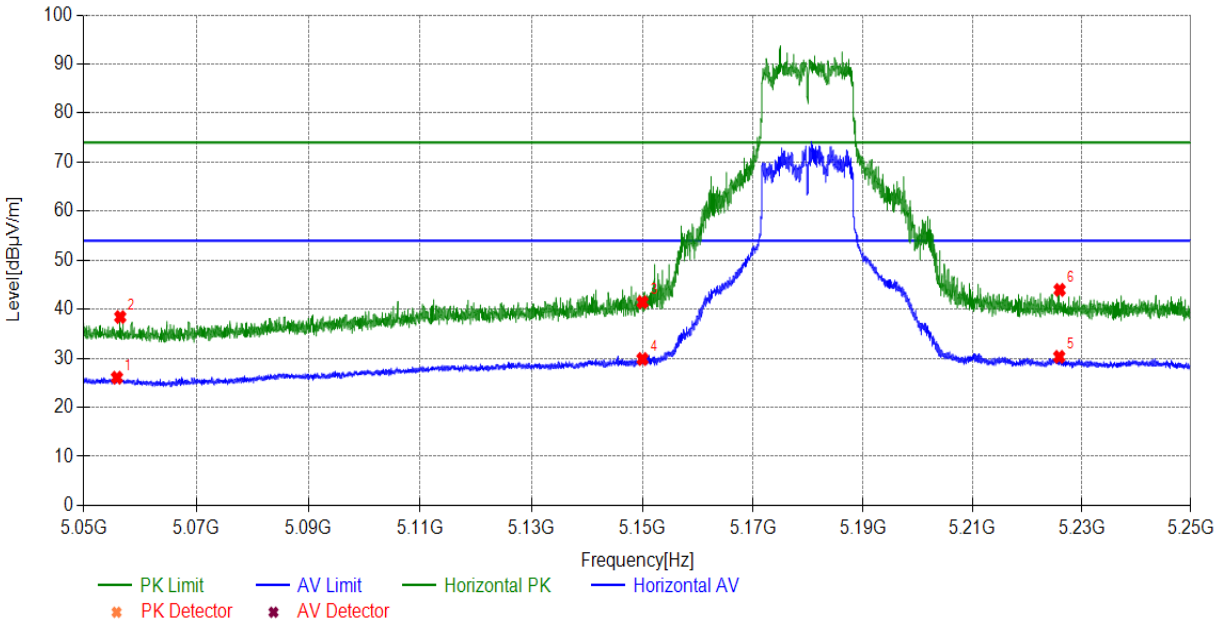
Test Results:

U-NII-1: 5150-5350MHz:

During the test, the Band Edge was performed in WIFI all modes with all channels and all antenna. 802.11ax20, MIMO are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

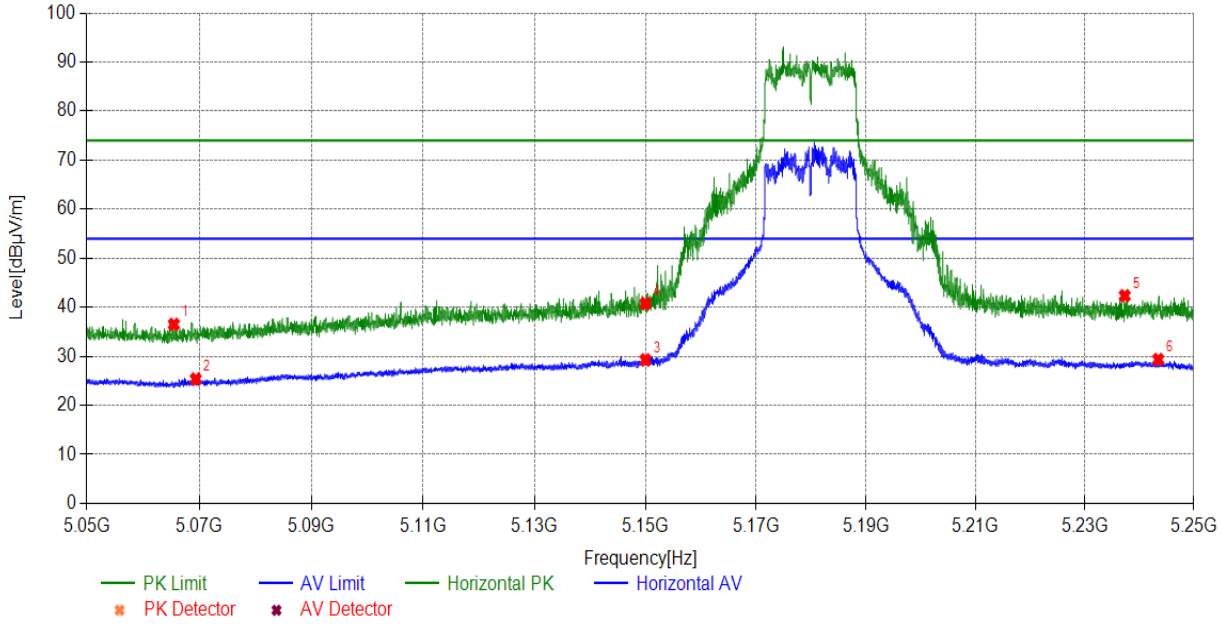
Test mode	802.11 AX HT 20MHz
Test channel	Low(L)

Suspected List										
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
5225.93	Horizont	-5.61	49.56	43.95	74.00	30.05	PK	100	288	PASS
5056.50	Horizont	-5.58	44.00	38.42	74.00	35.58	PK	100	293	PASS
5150.01	Horizont	-5.59	47.03	41.44	74.00	32.56	PK	100	278	PASS
5150.01	Horizont	-5.59	35.45	29.86	54.00	24.14	AV	100	252	PASS
5225.85	Horizont	-5.61	35.91	30.30	54.00	23.70	AV	100	252	PASS
5055.92	Horizont	-5.58	31.62	26.04	54.00	27.96	AV	100	342	PASS



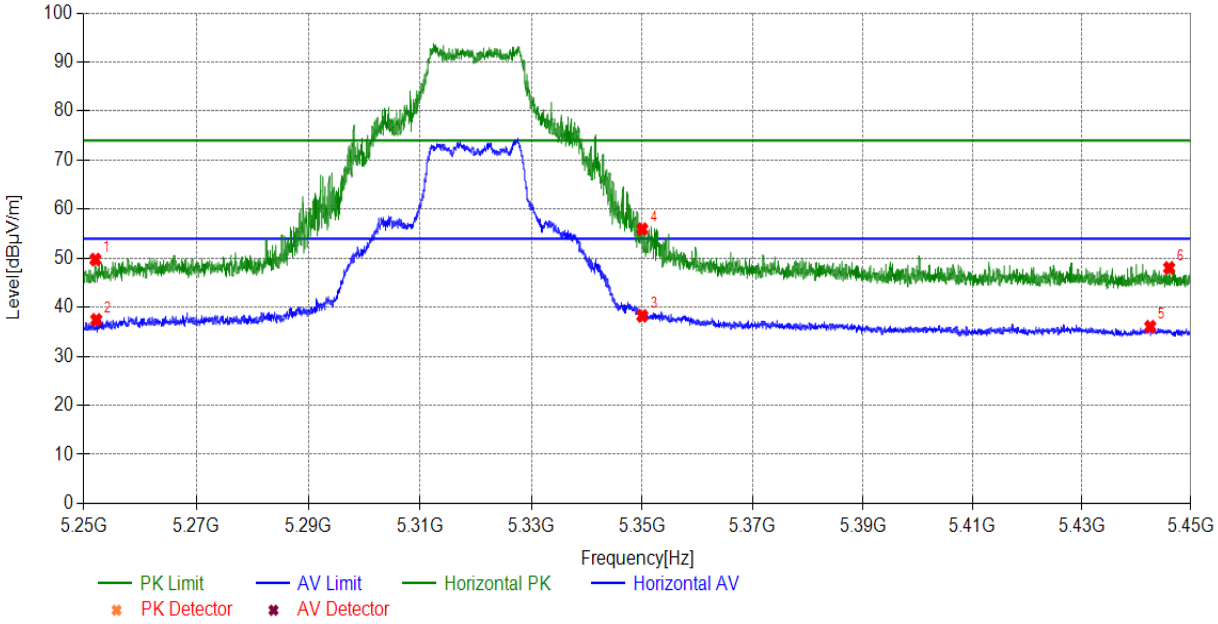
Test mode	802.11 AX HT 20MHz
Test channel	Low(L)

Suspected List										
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
5065.50	Vertical	-5.58	42.08	36.50	74.00	37.50	PK	100	278	PASS
5150.01	Vertical	-5.59	46.33	40.74	74.00	33.26	PK	100	278	PASS
5237.33	Vertical	-5.61	47.95	42.34	74.00	31.66	PK	100	288	PASS
5069.38	Vertical	-5.58	30.93	25.35	54.00	28.65	AV	100	61	PASS
5243.49	Vertical	-5.61	34.95	29.34	54.00	24.66	AV	100	71	PASS
5150.01	Vertical	-5.59	34.85	29.26	54.00	24.74	AV	100	252	PASS



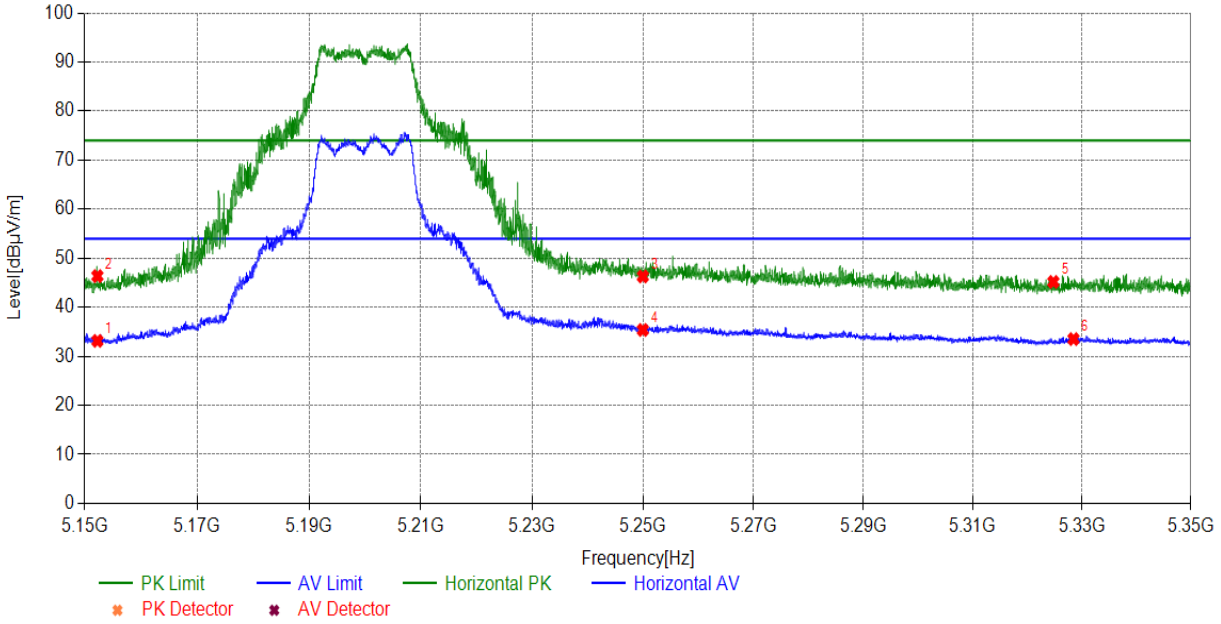
Test mode	802.11 AX HT 20MHz
Test channel	High(H)

Suspected List										
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
5252.10	Horizont	-5.61	55.35	49.74	74.00	24.26	PK	100	337	PASS
5252.26	Horizont	-5.61	43.04	37.43	54.00	16.57	AV	100	10	PASS
5350.01	Horizont	-5.63	43.88	38.25	54.00	15.75	AV	100	26	PASS
5350.01	Horizont	-5.63	61.56	55.93	74.00	18.07	PK	100	21	PASS
5442.57	Horizont	-5.64	41.68	36.04	54.00	17.96	AV	100	35	PASS
5446.05	Horizont	-5.64	53.66	48.02	74.00	25.98	PK	100	35	PASS



Test mode	802.11 AX HT 20MHz
Test channel	High(H)

Suspected List										
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
5276.40	Vertical	-5.61	56.04	50.43	74.00	23.57	PK	100	348	PASS
5277.58	Vertical	-5.61	43.56	37.95	54.00	16.05	AV	100	343	PASS
5350.01	Vertical	-5.63	59.92	54.29	74.00	19.71	PK	100	348	PASS
5350.01	Vertical	-5.63	43.73	38.10	54.00	15.90	AV	100	7	PASS
5381.89	Vertical	-5.63	54.86	49.23	74.00	24.77	PK	100	16	PASS
5381.97	Vertical	-5.63	42.02	36.39	54.00	17.61	AV	100	21	PASS

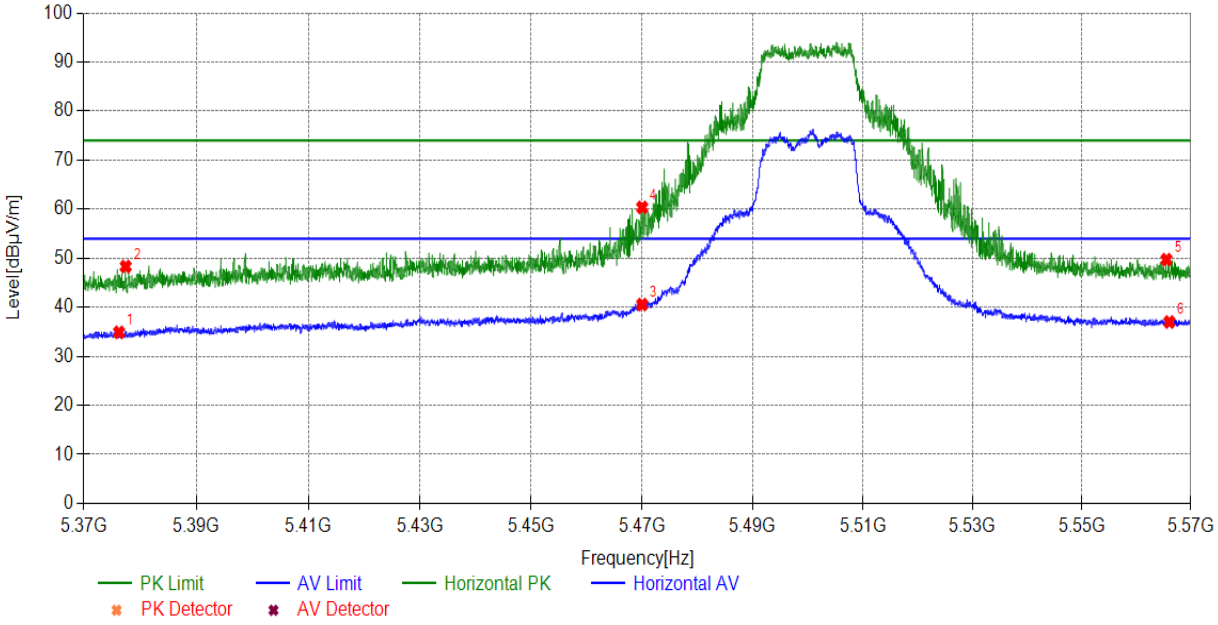


U-NII-2C:5470-5725MHz：

During the test, the Band Edge was performed in WIFI all modes with all channels and all antenna. 802.11ax20, MIMO are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

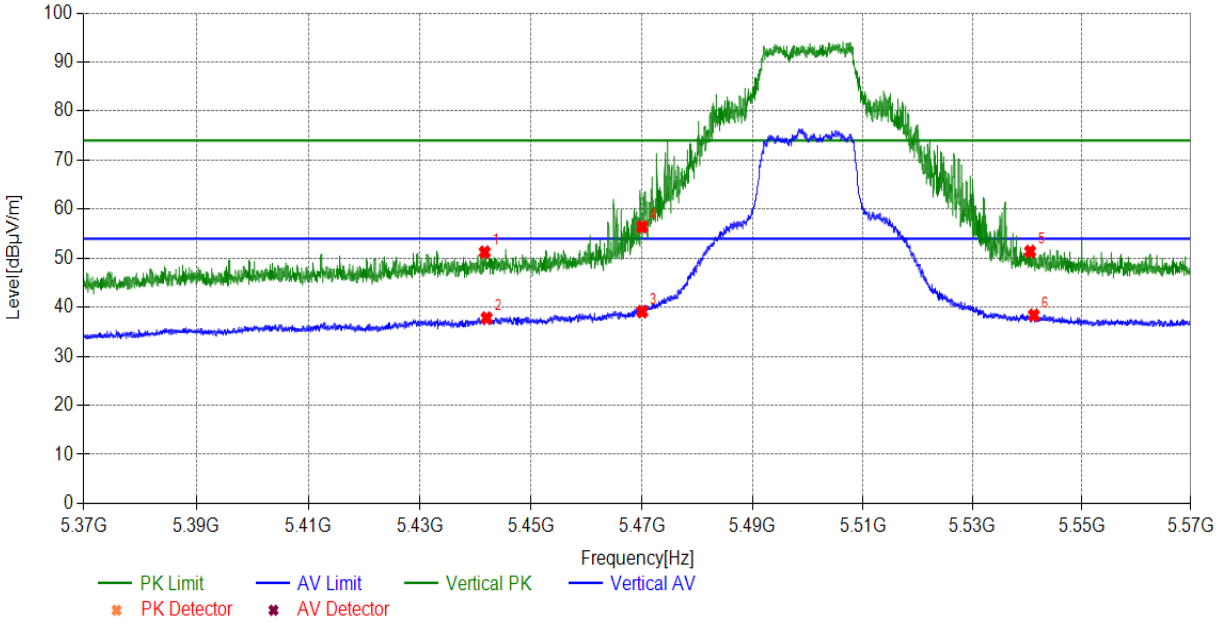
Test mode	802.11 AX HT 20MHz
Test channel	Low(L)

Suspected List										
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
5376.30	Horizont	-5.63	40.51	34.88	54.00	19.12	AV	100	48	PASS
5377.48	Horizont	-5.63	53.93	48.30	74.00	25.70	PK	100	38	PASS
5470.01	Horizont	-5.65	46.20	40.55	54.00	13.45	AV	100	69	PASS
5470.01	Horizont	-5.65	66.01	60.36	74.00	13.64	PK	100	80	PASS
5565.55	Horizont	-5.44	55.15	49.71	74.00	24.29	PK	100	213	PASS
5566.09	Horizont	-5.43	42.42	36.99	54.00	17.01	AV	100	64	PASS



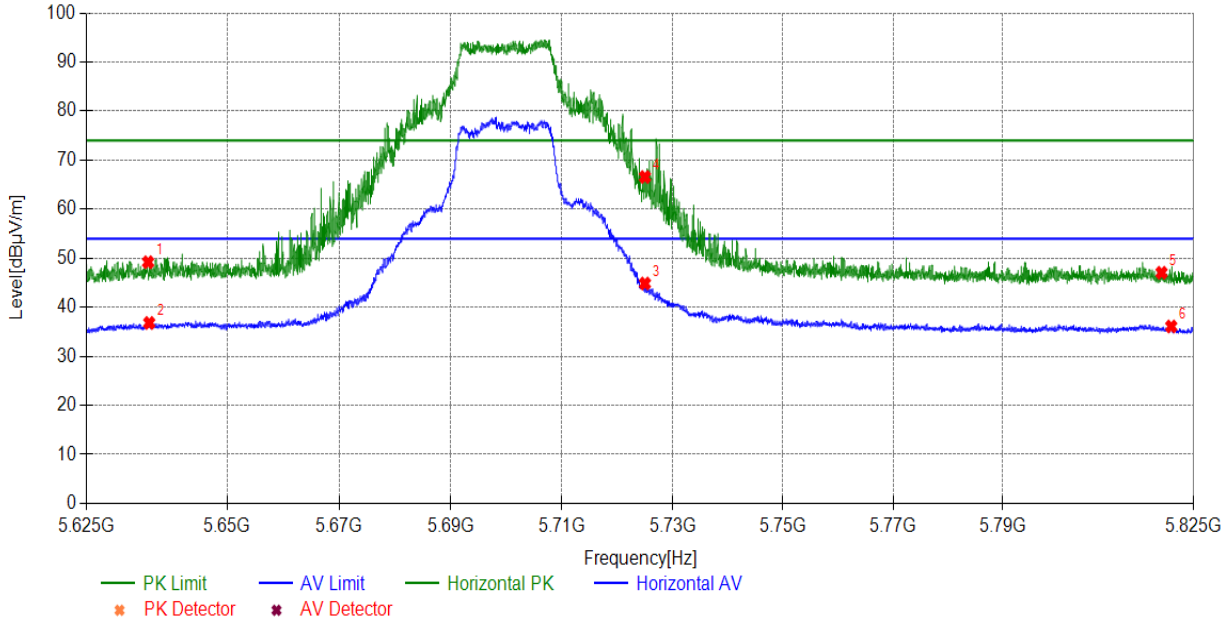
Test mode	802.11 AX HT 20MHz
Test channel	Low(L)

Suspected List										
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
5441.62	Vertical	-5.64	56.86	51.22	74.00	22.78	PK	100	42	PASS
5441.96	Vertical	-5.64	43.44	37.80	54.00	16.20	AV	100	32	PASS
5470.01	Vertical	-5.65	44.76	39.11	54.00	14.89	AV	100	37	PASS
5470.01	Vertical	-5.65	62.05	56.40	74.00	17.60	PK	100	277	PASS
5540.55	Vertical	-5.52	56.89	51.37	74.00	22.63	PK	100	281	PASS
5541.23	Vertical	-5.52	43.88	38.36	54.00	15.64	AV	100	42	PASS



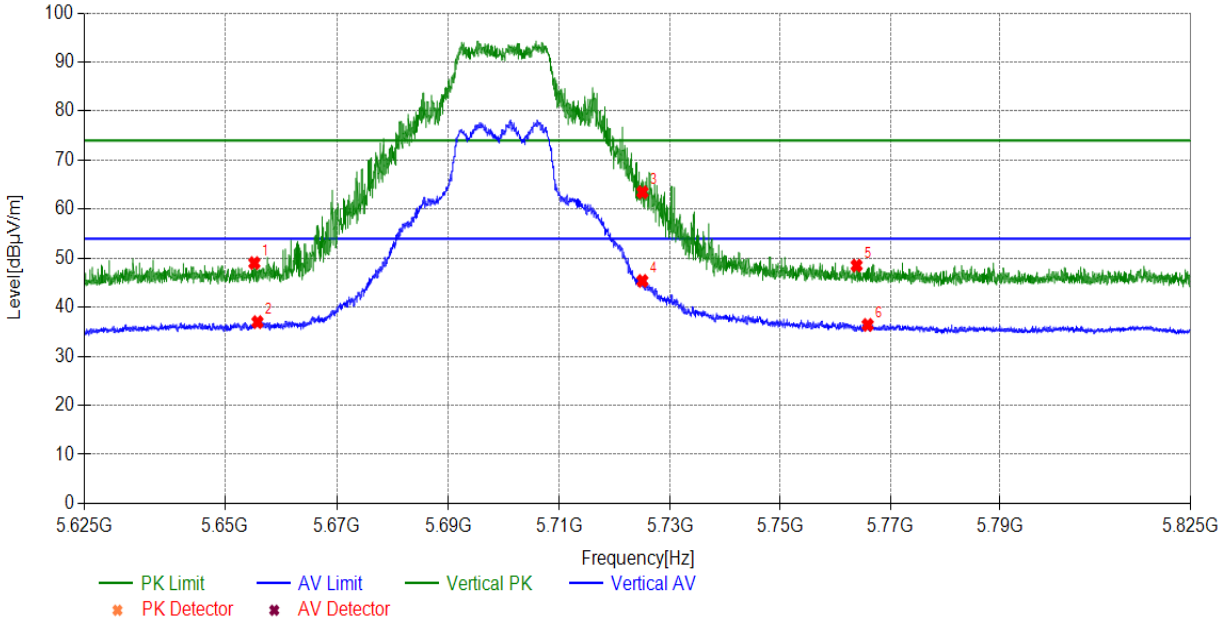
Test mode	802.11 AX HT 20MHz
Test channel	High(H)

Suspected List										
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
5635.94	Horizont	-5.21	54.39	49.18	74.00	24.82	PK	100	306	PASS
5725.01	Horizont	-4.92	71.48	66.56	74.00	7.44	PK	100	275	PASS
5819.11	Horizont	-4.61	51.65	47.04	74.00	26.96	PK	100	158	PASS
5636.14	Horizont	-5.21	42.01	36.80	54.00	17.20	AV	100	275	PASS
5820.89	Horizont	-4.60	40.68	36.08	54.00	17.92	AV	100	190	PASS
5725.01	Horizont	-4.92	49.76	44.84	54.00	9.16	AV	100	275	PASS



Test mode	802.11 AX HT 20MHz
Test channel	High(H)

Suspected List										
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
5655.26	Vertical	-5.14	54.15	49.01	74.00	24.99	PK	100	97	PASS
5655.82	Vertical	-5.14	42.11	36.97	54.00	17.03	AV	100	55	PASS
5725.01	Vertical	-4.92	68.38	63.46	74.00	10.54	PK	100	12	PASS
5725.01	Vertical	-4.92	50.29	45.37	54.00	8.63	AV	100	17	PASS
5763.87	Vertical	-4.79	53.30	48.51	74.00	25.49	PK	100	22	PASS
5765.89	Vertical	-4.78	41.18	36.40	54.00	17.60	AV	100	34	PASS

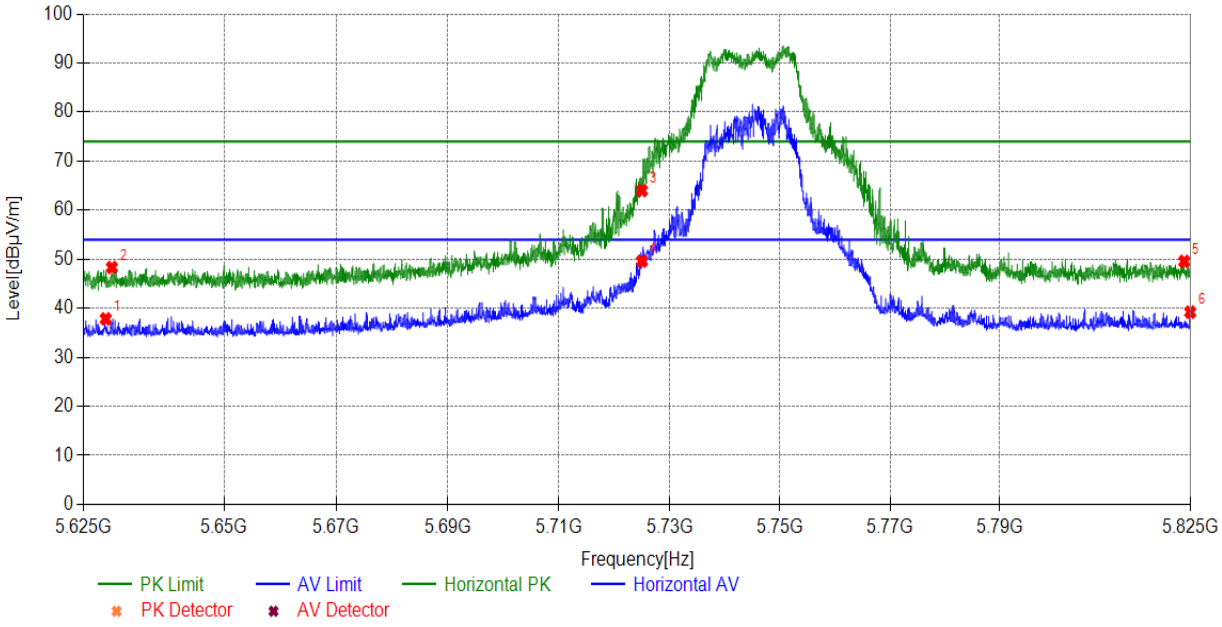


U-NII-3 5725-5850MHz：

During the test, the Band Edge was performed in WIFI all modes with all channels and all antenna. 802.11ax20, MIMO are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

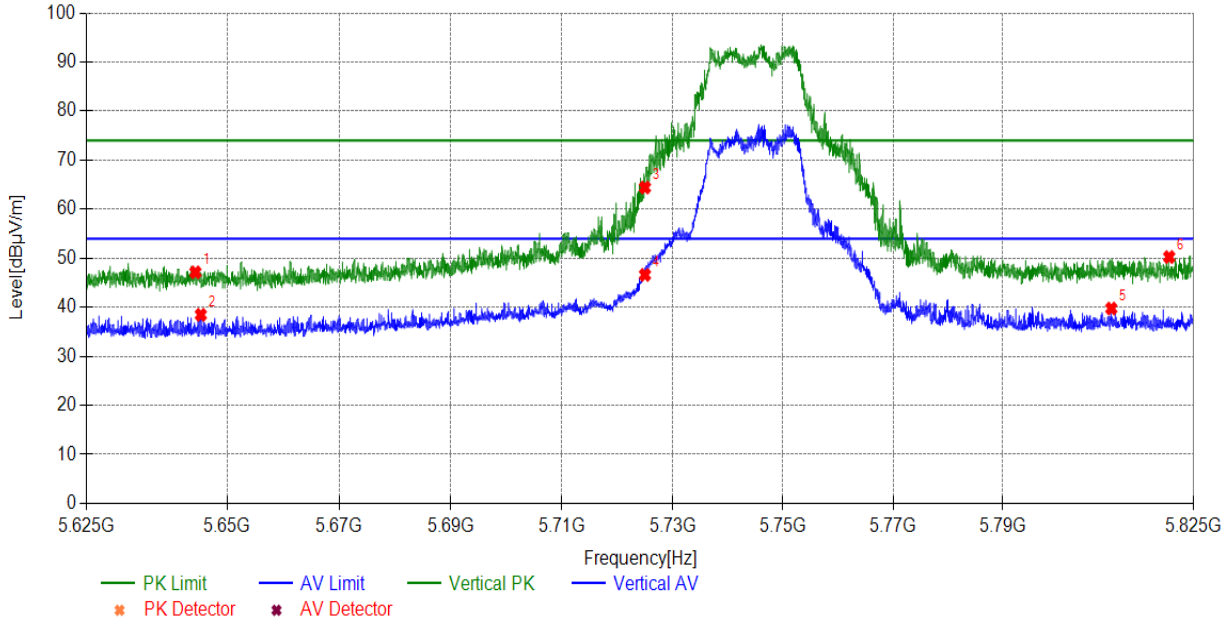
Test mode	802.11 AX HT 20MHz
Test channel	Low(L)

Suspected List										
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
5725.01	Horizont	-4.92	68.92	64.00	74.00	10.00	PK	100	70	PASS
5630.04	Horizont	-5.23	53.54	48.31	74.00	25.69	PK	100	20	PASS
5823.83	Horizont	-4.59	54.15	49.56	74.00	24.44	PK	100	80	PASS
5824.94	Horizont	-4.59	43.80	39.21	54.00	14.79	AV	100	10	PASS
5725.01	Horizont	-4.92	54.53	49.61	54.00	4.39	AV	100	20	PASS
5628.94	Horizont	-5.23	43.06	37.83	54.00	16.17	AV	100	10	PASS



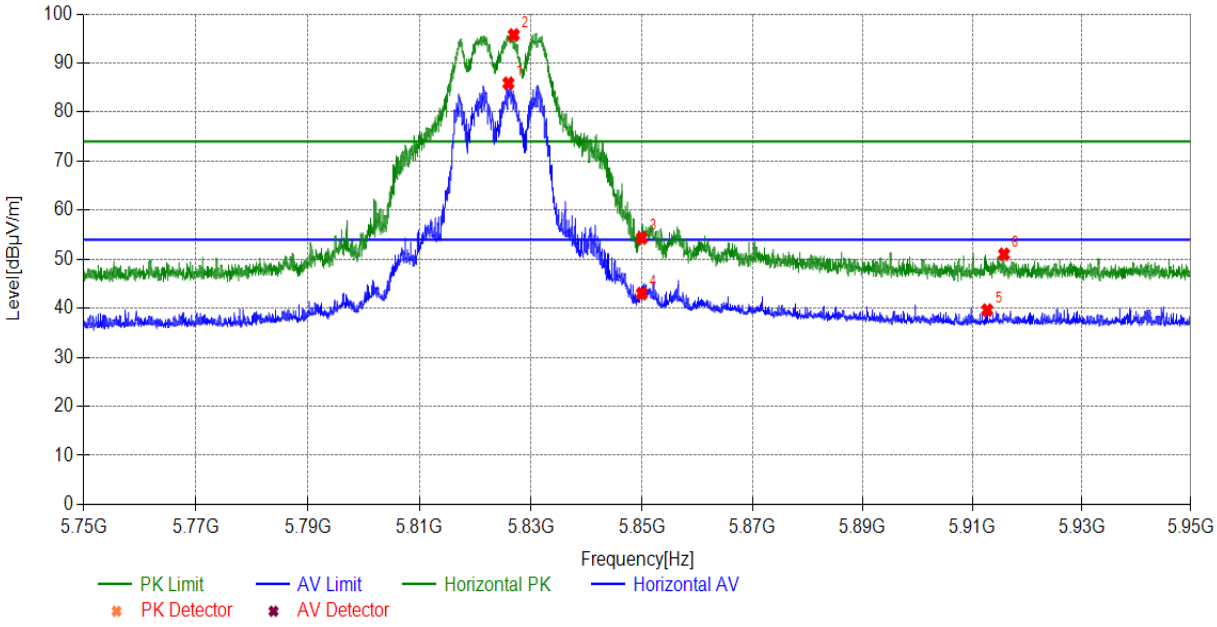
Test mode	802.11 AX HT 20MHz
Test channel	Low(L)

Suspected List										
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
5820.51	Vertical	-4.61	54.85	50.24	74.00	23.76	PK	100	100	PASS
5644.36	Vertical	-5.18	52.31	47.13	74.00	26.87	PK	100	20	PASS
5725.01	Vertical	-4.92	69.33	64.41	74.00	9.59	PK	100	90	PASS
5725.01	Vertical	-4.92	51.52	46.60	54.00	7.40	AV	100	90	PASS
5809.89	Vertical	-4.64	44.38	39.74	54.00	14.26	AV	100	10	PASS
5645.32	Vertical	-5.18	43.64	38.46	54.00	15.54	AV	100	10	PASS



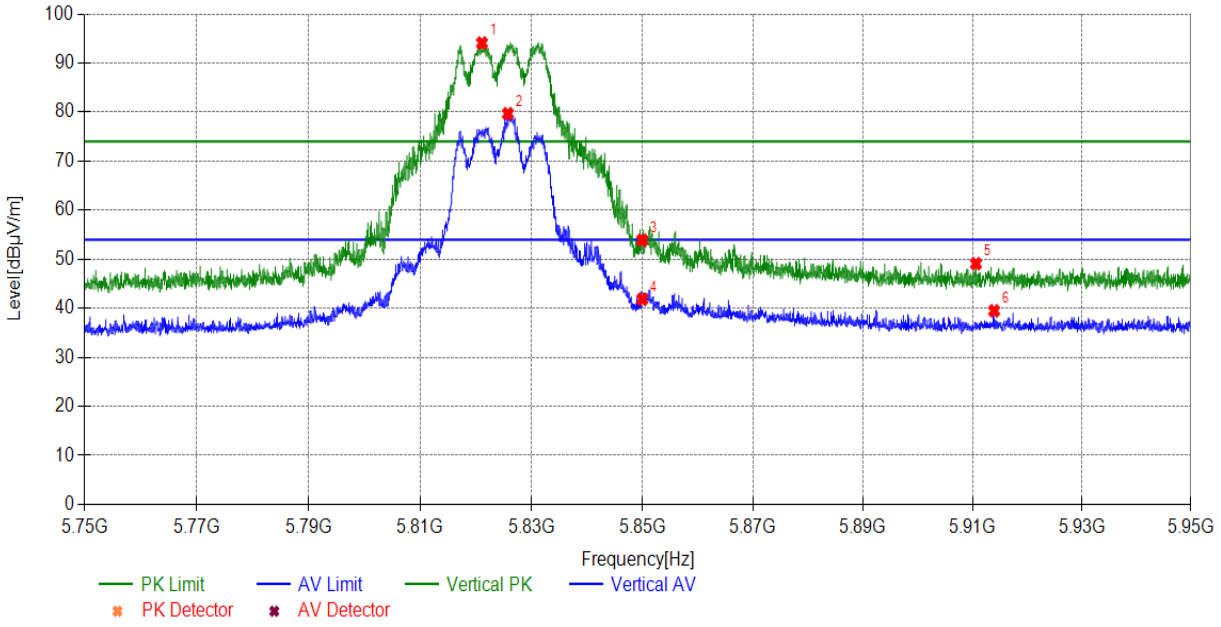
Test mode	802.11 AX HT 20MHz
Test channel	High(H)

Suspected List										
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
5915.81	Horizont	-4.29	55.30	51.01	74.00	22.99	PK	100	30	PASS
5850.01	Horizont	-4.51	58.84	54.33	74.00	19.67	PK	100	120	PASS
5850.01	Horizont	-4.51	47.50	42.99	54.00	11.01	AV	100	10	PASS
5912.75	Horizont	-4.30	43.92	39.62	54.00	14.38	AV	100	10	PASS



Test mode	802.11 AX HT 20MHz
Test channel	High(H)

Suspected List										
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
5850.01	Vertical	-4.51	58.39	53.88	74.00	20.12	PK	100	100	PASS
5910.65	Vertical	-4.31	53.39	49.08	74.00	24.92	PK	100	120	PASS
5850.01	Vertical	-4.51	46.35	41.84	54.00	12.16	AV	100	110	PASS
5913.97	Vertical	-4.30	43.77	39.47	54.00	14.53	AV	100	10	PASS



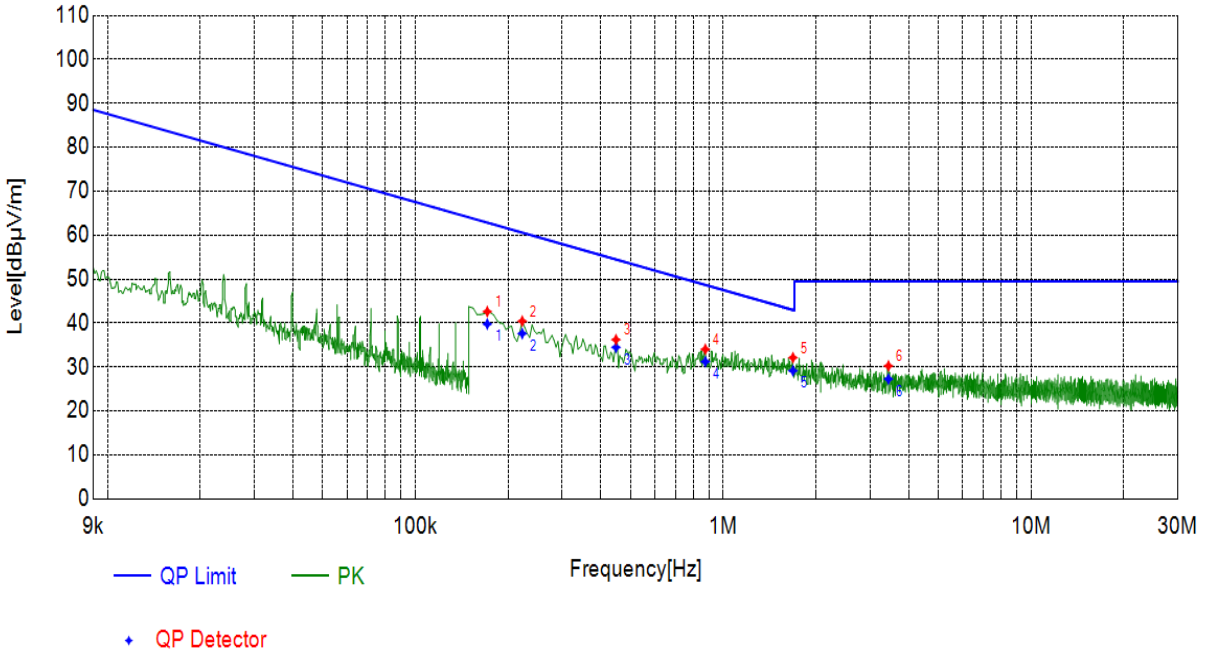
5.6.2 SPURIOUS EMISSIONS:

5.6.2.1 Below 30M:

During the test, the Radiates Emission from 9KHz to 30MHz was performed in all modes with all channels and all antenna, 802.11ax20, Channel 36, MIMO are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

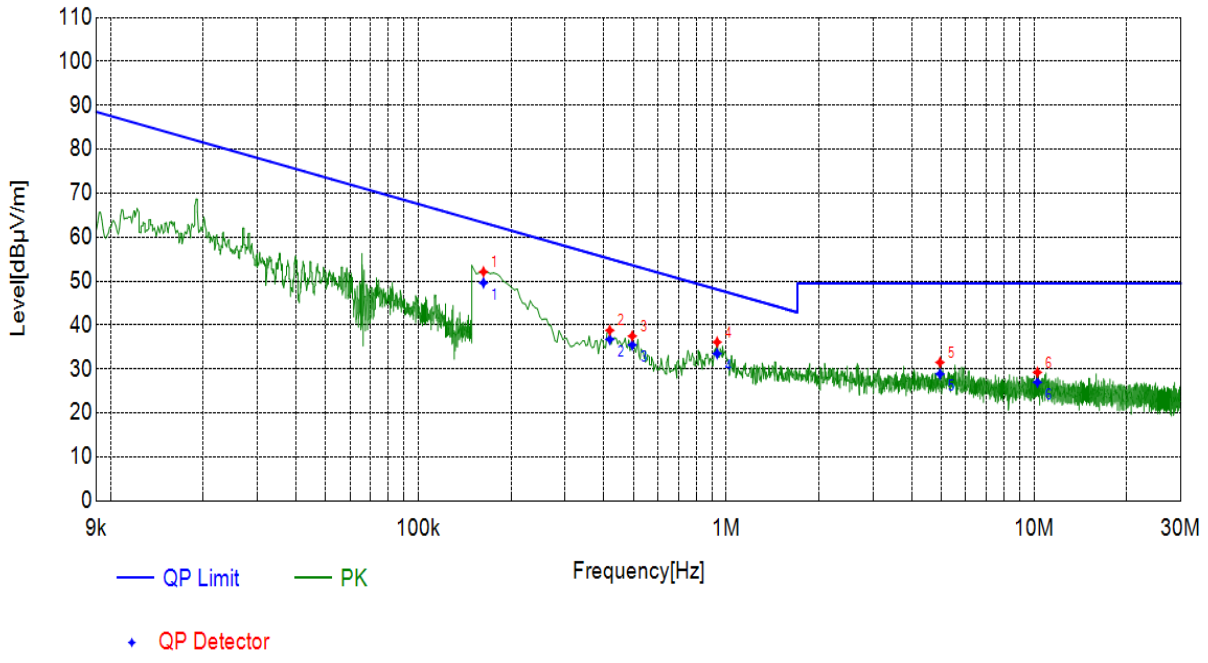
Radiated Emission	9KHz-30MHz
Polarity	X axis
Test channel	Worst-Case

Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.1713	X axis	20.40	39.78	62.85	23.07	100	150	PASS
0.2225	X axis	20.37	37.61	60.57	22.96	100	90	PASS
0.4485	X axis	20.41	34.47	54.47	20.00	100	250	PASS
0.8750	X axis	20.59	31.21	48.68	17.47	100	320	PASS
1.6854	X axis	20.73	29.14	43.00	13.86	100	40	PASS
3.4425	X axis	20.99	27.26	49.50	22.24	100	0	PASS



Radiated Emission	9KHz-30MHz
Polarity	Y axis
Test channel	Worst-Case

Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.1628	Y axis	20.41	49.61	63.29	13.68	100	270	PASS
0.4187	Y axis	20.32	36.75	55.07	18.32	100	300	PASS
0.4955	Y axis	20.56	35.47	53.60	18.13	100	320	PASS
0.9347	Y axis	20.56	33.49	48.11	14.62	100	90	PASS
4.9480	Y axis	21.13	28.87	49.50	20.63	100	270	PASS
10.2578	Y axis	20.95	26.98	49.50	22.52	100	230	PASS



5.6.2.2 30MHz~1GHz:

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels and all antenna, 802.11ax20, Channel 36, MIMO are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

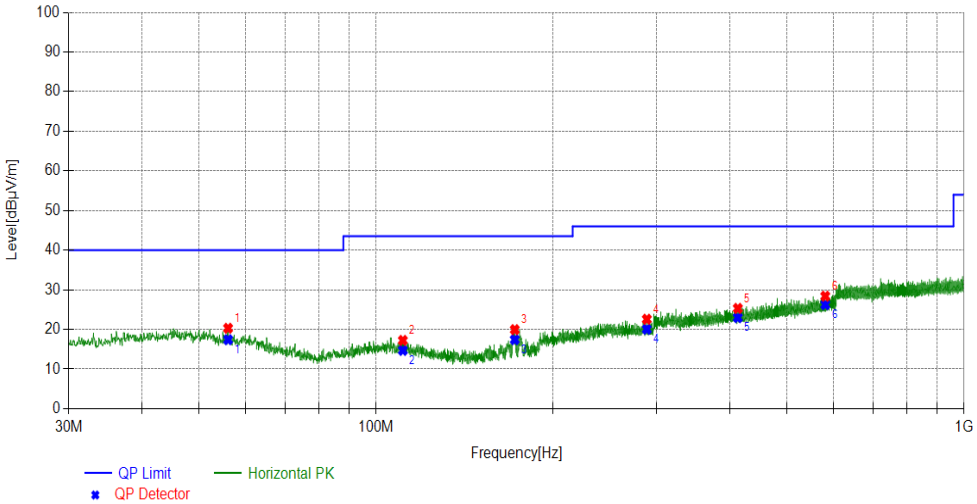
Test mode	802.11ax20
Test channel	Worst-Case Low(L)

Suspected List

Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
56.0204	Horizontal	13.82	6.47	20.29	40.00	19.71	PK	100	12	PASS
111.0854	Horizontal	12.33	4.89	17.22	43.52	26.30	PK	100	254	PASS
172.1990	Horizontal	10.65	9.29	19.94	43.52	23.58	PK	100	289	PASS
288.8340	Horizontal	15.24	7.33	22.57	46.02	23.45	PK	100	185	PASS
412.5449	Horizontal	17.49	7.81	25.30	46.02	20.72	PK	100	220	PASS
581.0495	Horizontal	20.59	7.79	28.38	46.02	17.64	PK	100	220	PASS

Final Data List

Frequency [MHz]	Polarity	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
56.0204	Horizontal	13.82	17.41	40.00	22.59	102	12	PASS
111.0854	Horizontal	12.33	14.70	43.52	28.82	106	254	PASS
172.1990	Horizontal	10.65	17.42	43.52	26.10	111	289	PASS
288.8340	Horizontal	15.24	20.05	46.02	25.97	132	185	PASS
412.5449	Horizontal	17.49	22.97	46.02	23.05	125	220	PASS
581.0495	Horizontal	20.59	26.25	46.02	19.77	100	220	PASS



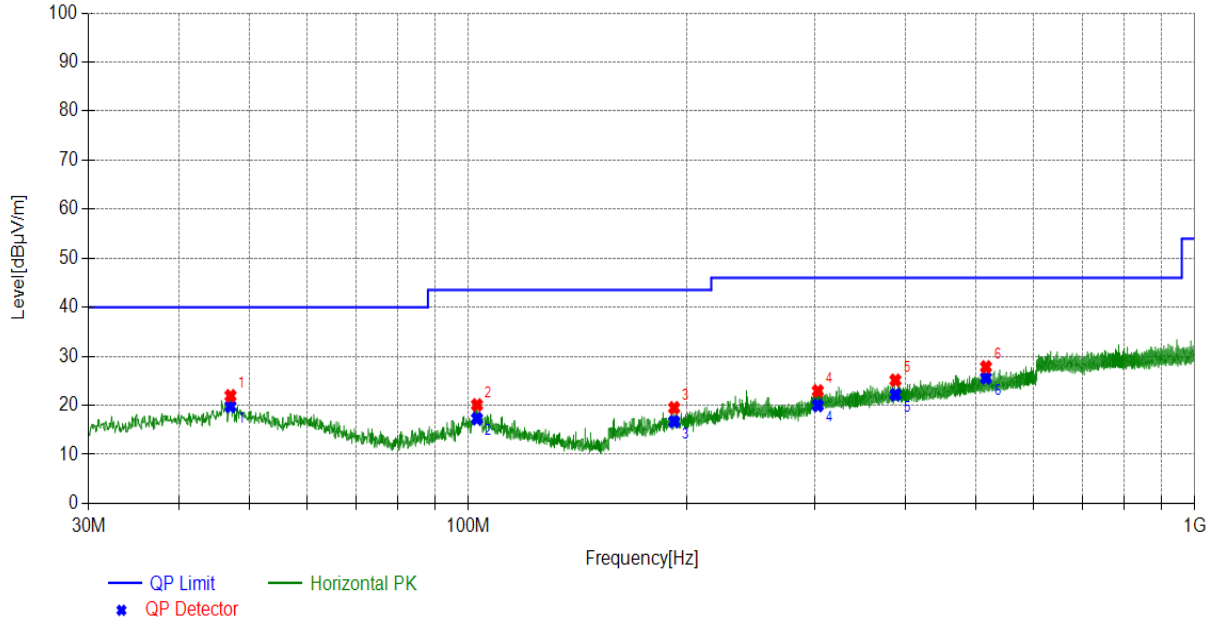
Test mode	802.11ax20
Test channel	Worst-Case Low(L)

Suspected List

Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
47.0616	Vertical	14.36	7.57	21.93	40.00	18.07	PK	100	332	PASS
102.8113	Vertical	12.43	7.65	20.08	43.52	23.44	PK	100	211	PASS
192.0566	Vertical	12.19	7.29	19.48	43.52	24.04	PK	100	228	PASS
302.8713	Vertical	15.38	7.54	22.92	46.02	23.10	PK	100	55	PASS
387.3234	Vertical	17.02	8.09	25.11	46.02	20.91	PK	100	211	PASS
516.1127	Vertical	19.48	8.35	27.83	46.02	18.19	PK	100	55	PASS

Final Data List

Frequency [MHz]	Polarity	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
47.0616	Vertical	14.36	19.78	40.00	20.22	110	332	PASS
102.8113	Vertical	12.43	17.29	43.52	26.23	101	211	PASS
192.0566	Vertical	12.19	16.69	43.52	26.83	105	228	PASS
302.8713	Vertical	15.38	19.97	46.02	26.05	154	55	PASS
387.3234	Vertical	17.02	22.16	46.02	23.86	122	211	PASS
516.1127	Vertical	19.48	25.60	46.02	20.42	132	55	PASS



5.6.2.3 Above 1GHz:

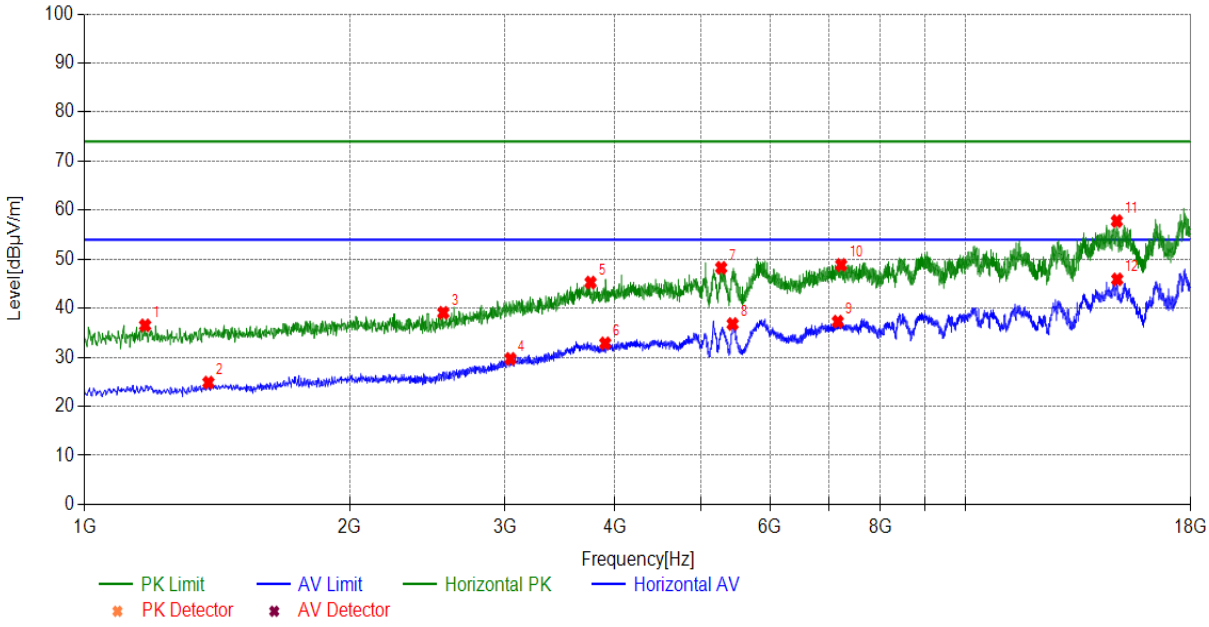
5.6.2.3.1 U-NII-1:

During the test, the Radiates Emission from 1GHz to 40GHz was performed in all modes with all channels and all antenna, 802.11ax20, Channel 36, MIMO are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

Test mode	802.11ax (HE20)(1G~18G)
Test channel	Worst-Case Low(L)

Suspected List

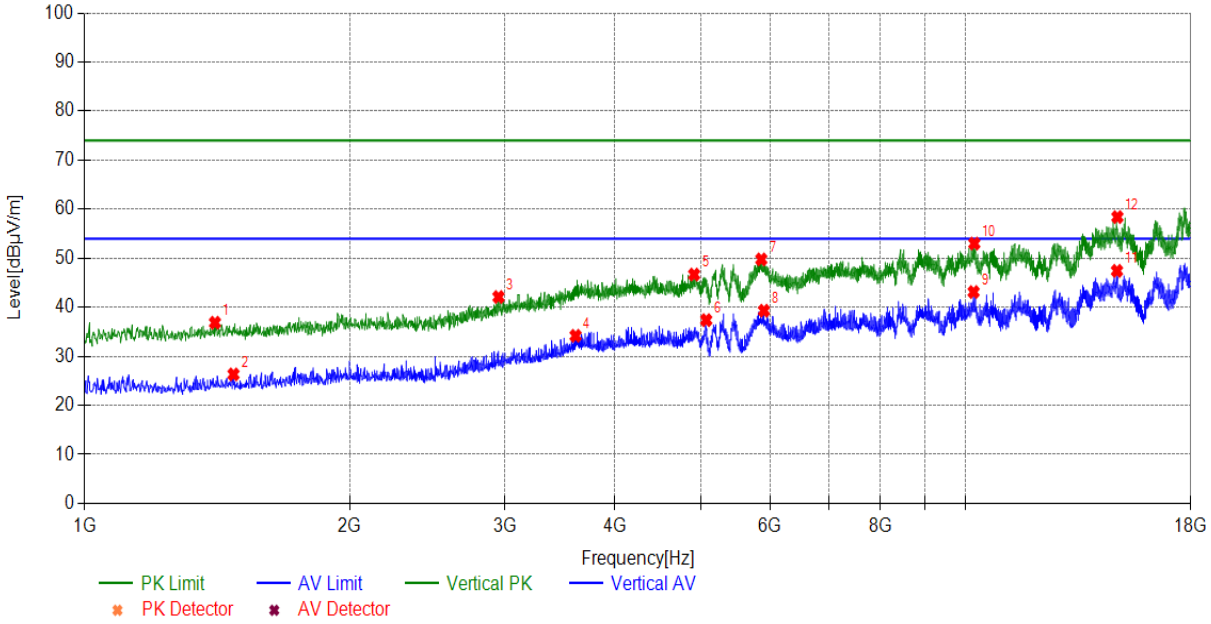
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
1171.71	Horizont	-15.95	52.46	36.51	74.00	37.49	PK	100	328	PASS
1382.53	Horizont	-15.58	40.42	24.84	54.00	29.16	AV	100	348	PASS
2553.95	Horizont	-12.58	51.65	39.07	74.00	34.93	PK	100	348	PASS
3043.60	Horizont	-10.05	39.73	29.68	54.00	24.32	AV	100	348	PASS
3752.57	Horizont	-7.00	52.24	45.24	74.00	28.76	PK	100	328	PASS
3898.78	Horizont	-6.73	39.57	32.84	54.00	21.16	AV	100	348	PASS
5279.32	Horizont	-5.61	53.86	48.25	74.00	25.75	PK	100	284	PASS
5439.14	Horizont	-5.64	42.43	36.79	54.00	17.21	AV	100	348	PASS
7159.71	Horizont	-1.14	38.40	37.26	54.00	16.74	AV	100	343	PASS
7222.62	Horizont	-0.99	49.83	48.84	74.00	25.16	PK	100	323	PASS
14844.4	Horizont	8.63	49.14	57.77	74.00	16.23	PK	100	328	PASS
14858.0	Horizont	8.63	37.26	45.89	54.00	8.11	AV	100	348	PASS



Test mode	802.11ax (HE20)(1G~18G)
Test channel	Worst-Case Low(L)

Suspected List

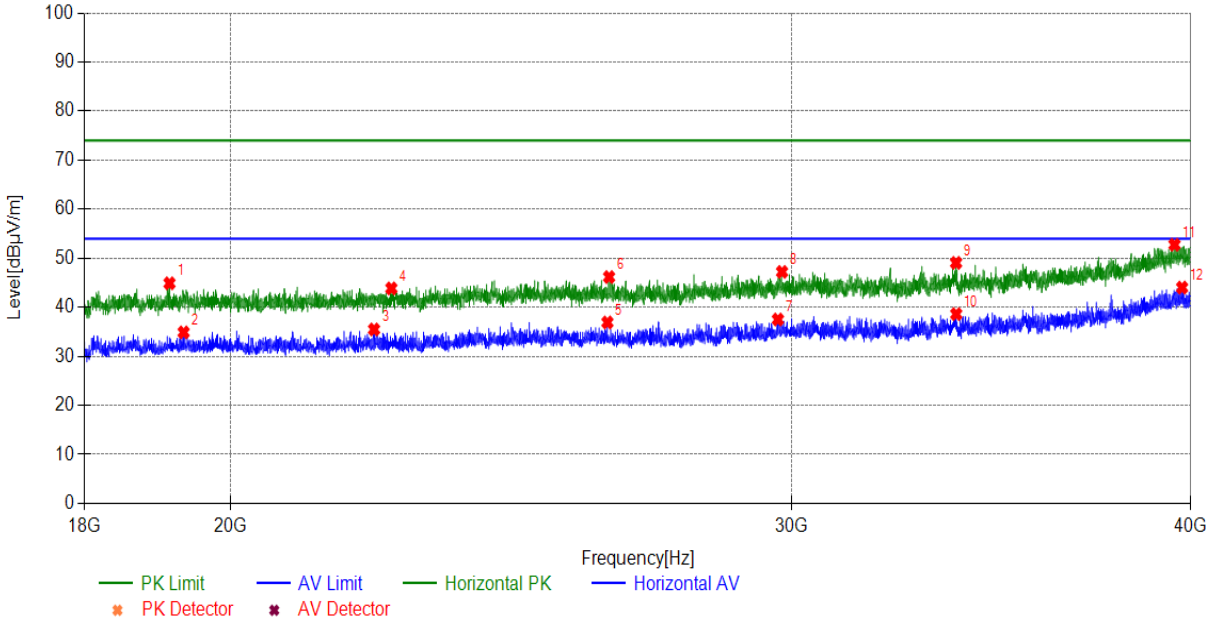
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
1406.34	Vertical	-15.54	52.39	36.85	74.00	37.15	PK	100	220	PASS
1476.04	Vertical	-15.42	41.73	26.31	54.00	27.69	AV	100	10	PASS
2950.09	Vertical	-10.56	52.65	42.09	74.00	31.91	PK	100	40	PASS
3608.06	Vertical	-7.26	41.44	34.18	54.00	19.82	AV	100	10	PASS
4918.89	Vertical	-5.67	52.34	46.67	74.00	27.33	PK	100	40	PASS
5077.00	Vertical	-5.58	42.95	37.37	54.00	16.63	AV	100	10	PASS
5862.48	Vertical	-4.47	54.23	49.76	74.00	24.24	PK	100	80	PASS
5903.29	Vertical	-4.34	43.64	39.30	54.00	14.70	AV	100	10	PASS
10209.8	Vertical	4.10	39.01	43.11	54.00	10.89	AV	100	10	PASS
10228.5	Vertical	4.15	48.84	52.99	74.00	21.01	PK	100	30	PASS
14849.5	Vertical	8.63	38.79	47.42	54.00	6.58	AV	100	10	PASS
14864.8	Vertical	8.63	49.76	58.39	74.00	15.61	PK	100	230	PASS



Test mode	802.11ax (HE20)(18G~40G)
Test channel	Worst-Case Low(L)

Suspected List

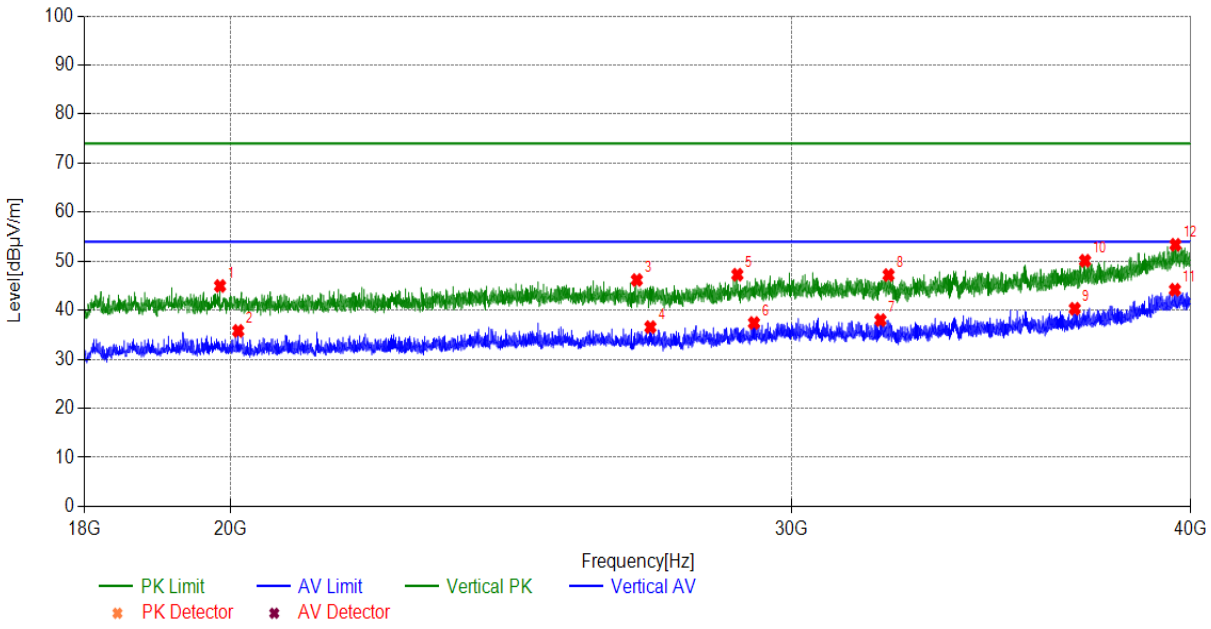
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
19139.7	Horizont	1.34	43.55	44.89	74.00	29.11	PK	100	90	PASS
26288.2	Horizont	4.62	41.54	46.16	74.00	27.84	PK	100	50	PASS
39537.9	Horizont	10.78	41.97	52.75	74.00	21.25	PK	100	30	PASS
29782.1	Horizont	6.55	40.66	47.21	74.00	26.79	PK	100	20	PASS
33768.9	Horizont	6.53	42.52	49.05	74.00	24.95	PK	100	20	PASS
22464.2	Horizont	2.36	41.49	43.85	74.00	30.15	PK	100	90	PASS
26255.2	Horizont	4.60	32.30	36.90	54.00	17.10	AV	100	10	PASS
19335.5	Horizont	1.33	33.55	34.88	54.00	19.12	AV	100	10	PASS
22184.8	Horizont	2.08	33.39	35.47	54.00	18.53	AV	100	10	PASS
29694.1	Horizont	6.49	31.01	37.50	54.00	16.50	AV	100	10	PASS
33773.3	Horizont	6.53	32.07	38.60	54.00	15.40	AV	100	10	PASS
39753.5	Horizont	10.79	33.22	44.01	54.00	9.99	AV	100	10	PASS



Test mode	802.11ax (HE20)(18G~40G)
Test channel	Worst-Case Low(L)

Suspected List

Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
39564.3	Vertical	10.78	42.57	53.35	74.00	20.65	PK	100	50	PASS
37064.9	Vertical	7.93	42.16	50.09	74.00	23.91	PK	100	120	PASS
19850.3	Vertical	1.31	43.64	44.95	74.00	29.05	PK	100	120	PASS
32162.8	Vertical	5.97	41.22	47.19	74.00	26.81	PK	100	20	PASS
28838.2	Vertical	5.90	41.35	47.25	74.00	26.75	PK	100	70	PASS
26818.4	Vertical	4.83	41.34	46.17	74.00	27.83	PK	100	70	PASS
39548.9	Vertical	10.78	33.39	44.17	54.00	9.83	AV	100	10	PASS
20112.2	Vertical	1.34	34.44	35.78	54.00	18.22	AV	100	10	PASS
27082.5	Vertical	4.94	31.62	36.56	54.00	17.44	AV	100	10	PASS
36789.8	Vertical	7.72	32.59	40.31	54.00	13.69	AV	100	10	PASS
31975.7	Vertical	5.91	32.08	37.99	54.00	16.01	AV	100	10	PASS
29185.9	Vertical	6.13	31.27	37.40	54.00	16.60	AV	100	10	PASS



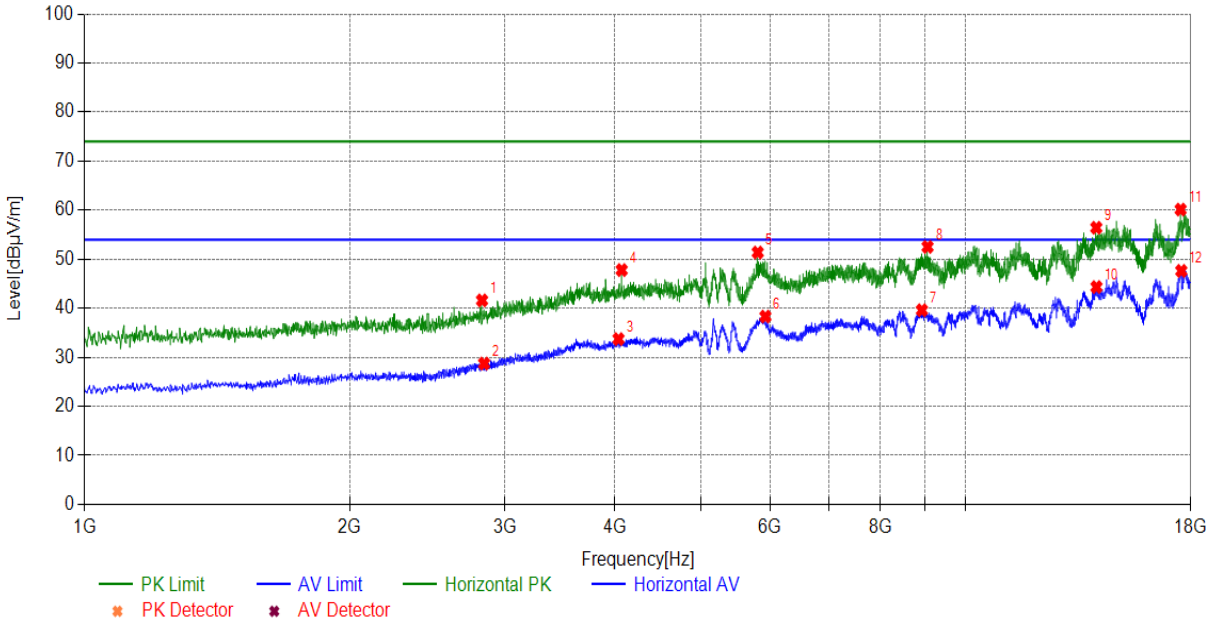
5.6.2.3.2 U-NII-2A:

During the test, the Radiates Emission from 1GHz to 40GHz was performed in all modes with all channels and all antenna, 802.11ax20, Channel 52, MIMO are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

Test mode	802.11ax (HE20)(1G~18G)
Test channel	Worst-Case Low(L)

Suspected List

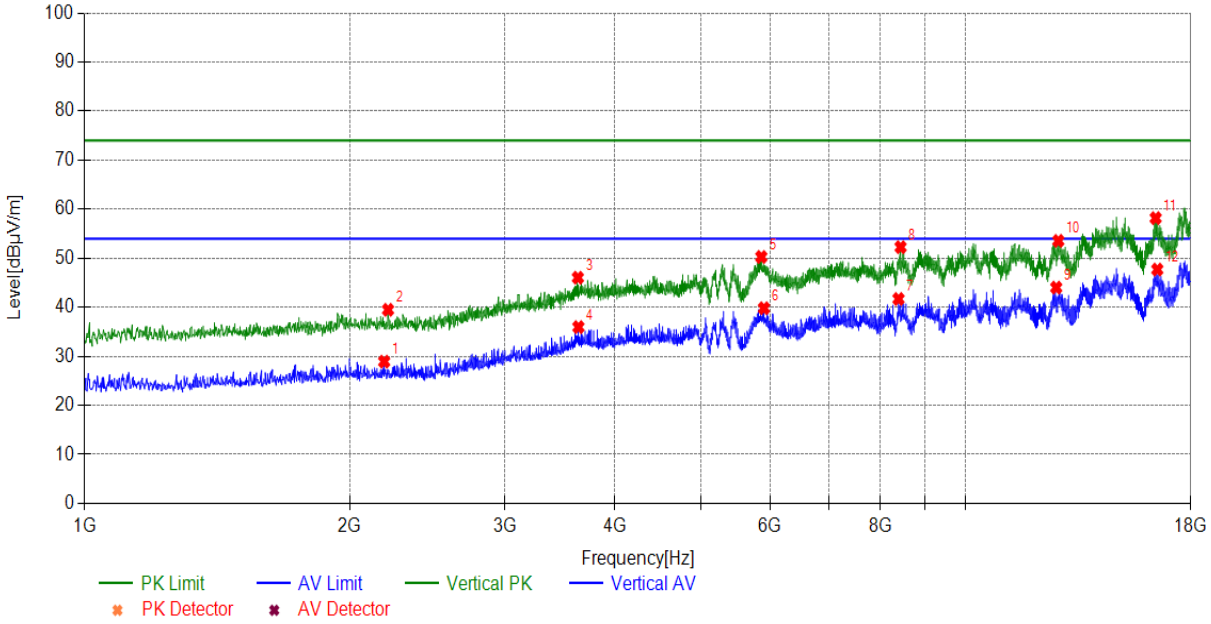
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
2825.98	Horizont	-11.19	52.80	41.61	74.00	32.39	PK	100	348	PASS
2841.28	Horizont	-11.11	39.84	28.73	54.00	25.27	AV	100	348	PASS
4036.50	Horizont	-6.52	40.24	33.72	54.00	20.28	AV	100	348	PASS
4070.50	Horizont	-6.50	54.29	47.79	74.00	26.21	PK	100	348	PASS
5808.08	Horizont	-4.65	56.02	51.37	74.00	22.63	PK	100	348	PASS
5925.39	Horizont	-4.26	42.57	38.31	54.00	15.69	AV	100	343	PASS
8919.39	Horizont	1.29	38.31	39.60	54.00	14.40	AV	100	343	PASS
9052.00	Horizont	1.65	50.86	52.51	74.00	21.49	PK	100	279	PASS
14067.5	Horizont	7.30	49.12	56.42	74.00	17.58	PK	100	308	PASS
14074.3	Horizont	7.32	37.01	44.33	54.00	9.67	AV	100	343	PASS
17535.8	Horizont	13.05	47.08	60.13	74.00	13.87	PK	100	279	PASS
17566.4	Horizont	13.20	34.42	47.62	54.00	6.38	AV	100	348	PASS



Test mode	802.11ax (HE20)(1G~18G)
Test channel	Worst-Case Low(L)

Suspected List

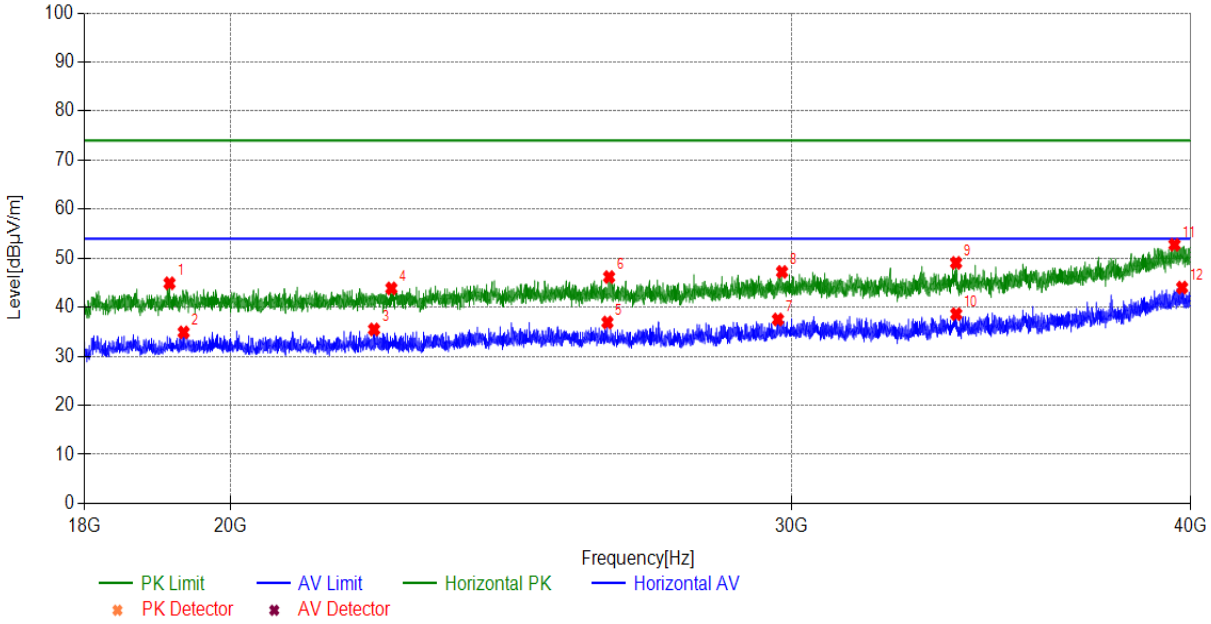
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
2188.41	Vertical	-13.53	42.44	28.91	54.00	25.09	AV	100	10	PASS
2210.52	Vertical	-13.48	52.96	39.48	74.00	34.52	PK	100	50	PASS
3630.16	Vertical	-7.22	53.25	46.03	74.00	27.97	PK	100	210	PASS
3635.26	Vertical	-7.21	43.16	35.95	54.00	18.05	AV	100	10	PASS
5862.48	Vertical	-4.47	54.73	50.26	74.00	23.74	PK	100	80	PASS
5903.29	Vertical	-4.34	44.14	39.80	54.00	14.20	AV	100	10	PASS
8390.63	Vertical	-0.02	41.71	41.69	54.00	12.31	AV	100	10	PASS
8436.54	Vertical	0.00	52.26	52.26	74.00	21.74	PK	100	240	PASS
12669.9	Vertical	4.76	39.25	44.01	54.00	9.99	AV	100	10	PASS
12739.6	Vertical	4.88	48.66	53.54	74.00	20.46	PK	100	210	PASS
16429.0	Vertical	8.74	49.44	58.18	74.00	15.82	PK	100	220	PASS
16498.7	Vertical	8.95	38.74	47.69	54.00	6.31	AV	100	10	PASS



Test mode	802.11ax (HE20)(18G~40G)
Test channel	Worst-Case Low(L)

Suspected List

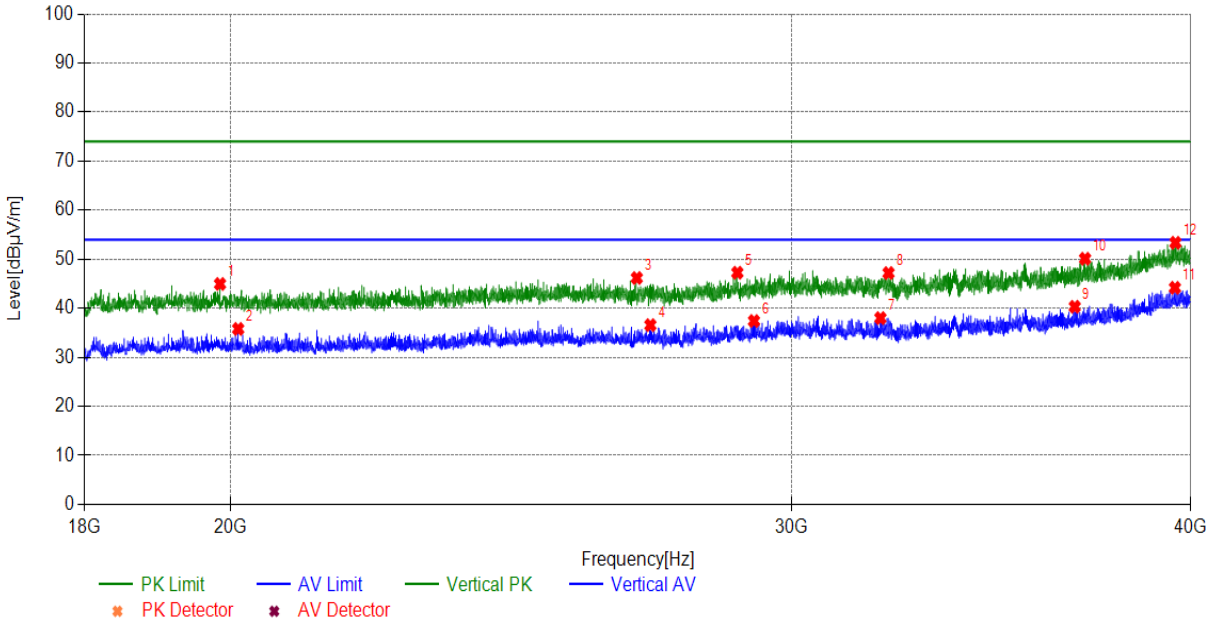
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
19139.7	Horizont	1.34	43.55	44.89	74.00	29.11	PK	100	90	PASS
26288.2	Horizont	4.62	41.54	46.16	74.00	27.84	PK	100	50	PASS
39537.9	Horizont	10.78	41.97	52.75	74.00	21.25	PK	100	30	PASS
29782.1	Horizont	6.55	40.66	47.21	74.00	26.79	PK	100	20	PASS
33768.9	Horizont	6.53	42.52	49.05	74.00	24.95	PK	100	20	PASS
22464.2	Horizont	2.36	41.49	43.85	74.00	30.15	PK	100	90	PASS
26255.2	Horizont	4.60	32.30	36.90	54.00	17.10	AV	100	10	PASS
19335.5	Horizont	1.33	33.55	34.88	54.00	19.12	AV	100	10	PASS
22184.8	Horizont	2.08	33.39	35.47	54.00	18.53	AV	100	10	PASS
29694.1	Horizont	6.49	31.01	37.50	54.00	16.50	AV	100	10	PASS
33773.3	Horizont	6.53	32.07	38.60	54.00	15.40	AV	100	10	PASS
39753.5	Horizont	10.79	33.22	44.01	54.00	9.99	AV	100	10	PASS



Test mode	802.11ax (HE20)(18G~40G)
Test channel	Worst-Case Low(L)

Suspected List

Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
39564.3	Vertical	10.78	42.57	53.35	74.00	20.65	PK	100	50	PASS
37064.9	Vertical	7.93	42.16	50.09	74.00	23.91	PK	100	120	PASS
19850.3	Vertical	1.31	43.64	44.95	74.00	29.05	PK	100	120	PASS
32162.8	Vertical	5.97	41.22	47.19	74.00	26.81	PK	100	20	PASS
28838.2	Vertical	5.90	41.35	47.25	74.00	26.75	PK	100	70	PASS
26818.4	Vertical	4.83	41.34	46.17	74.00	27.83	PK	100	70	PASS
39548.9	Vertical	10.78	33.39	44.17	54.00	9.83	AV	100	10	PASS
20112.2	Vertical	1.34	34.44	35.78	54.00	18.22	AV	100	10	PASS
27082.5	Vertical	4.94	31.62	36.56	54.00	17.44	AV	100	10	PASS
36789.8	Vertical	7.72	32.59	40.31	54.00	13.69	AV	100	10	PASS
31975.7	Vertical	5.91	32.08	37.99	54.00	16.01	AV	100	10	PASS
29185.9	Vertical	6.13	31.27	37.40	54.00	16.60	AV	100	10	PASS



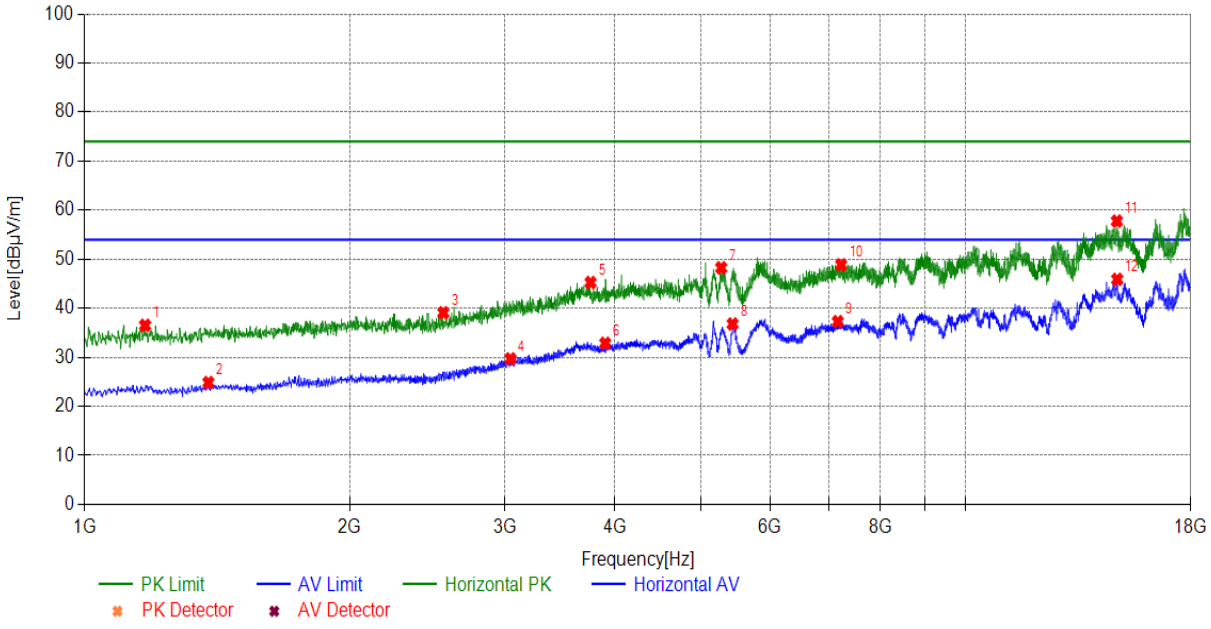
5.6.2.3.3 U-NII-2C:

During the test, the Radiates Emission from 1GHz to 40GHz was performed in all modes with all channels and all antenna, 802.11ax20, Channel 100, MIMO are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

Test mode	802.11ax (HE20)(1G~18G)
Test channel	Worst-Case Low(L)

Suspected List

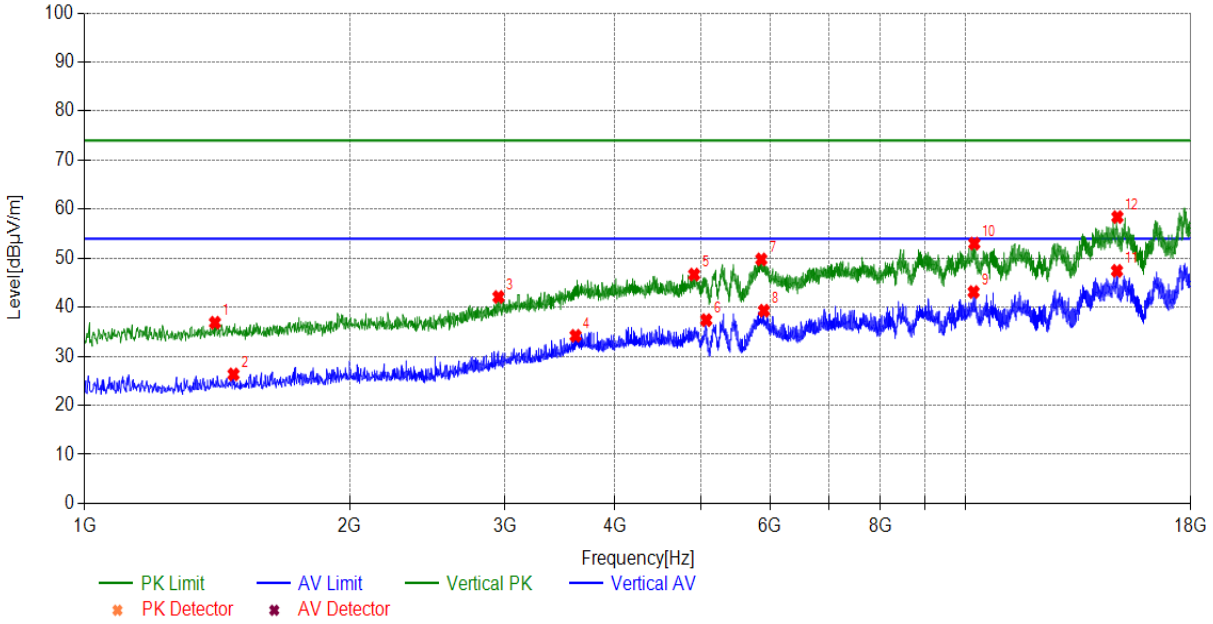
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
1171.71	Horizont	-15.95	52.46	36.51	74.00	37.49	PK	100	328	PASS
1382.53	Horizont	-15.58	40.42	24.84	54.00	29.16	AV	100	348	PASS
2553.95	Horizont	-12.58	51.65	39.07	74.00	34.93	PK	100	348	PASS
3043.60	Horizont	-10.05	39.73	29.68	54.00	24.32	AV	100	348	PASS
3752.57	Horizont	-7.00	52.24	45.24	74.00	28.76	PK	100	328	PASS
3898.78	Horizont	-6.73	39.57	32.84	54.00	21.16	AV	100	348	PASS
5279.32	Horizont	-5.61	53.86	48.25	74.00	25.75	PK	100	284	PASS
5439.14	Horizont	-5.64	42.43	36.79	54.00	17.21	AV	100	348	PASS
7159.71	Horizont	-1.14	38.40	37.26	54.00	16.74	AV	100	343	PASS
7222.62	Horizont	-0.99	49.83	48.84	74.00	25.16	PK	100	323	PASS
14844.4	Horizont	8.63	49.14	57.77	74.00	16.23	PK	100	328	PASS
14858.0	Horizont	8.63	37.26	45.89	54.00	8.11	AV	100	348	PASS



Test mode	802.11ax (HE20)(1G~18G)
Test channel	Worst-Case Low(L)

Suspected List

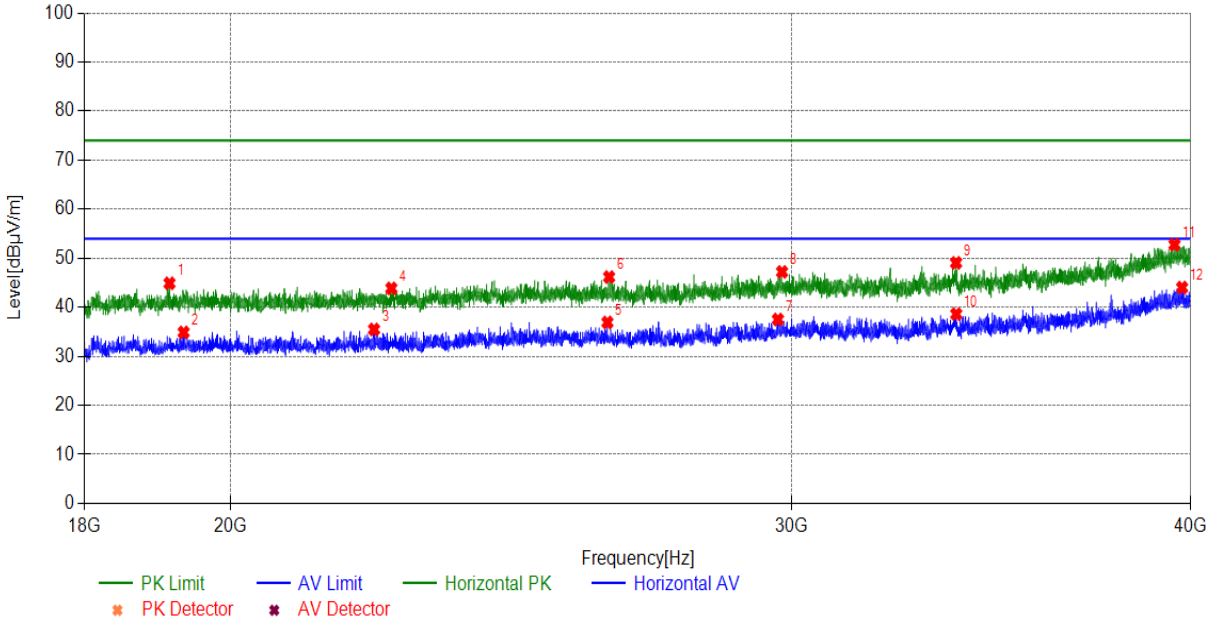
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
1406.34	Vertical	-15.54	52.39	36.85	74.00	37.15	PK	100	220	PASS
1476.04	Vertical	-15.42	41.73	26.31	54.00	27.69	AV	100	10	PASS
2950.09	Vertical	-10.56	52.65	42.09	74.00	31.91	PK	100	40	PASS
3608.06	Vertical	-7.26	41.44	34.18	54.00	19.82	AV	100	10	PASS
4918.89	Vertical	-5.67	52.34	46.67	74.00	27.33	PK	100	40	PASS
5077.00	Vertical	-5.58	42.95	37.37	54.00	16.63	AV	100	10	PASS
5862.48	Vertical	-4.47	54.23	49.76	74.00	24.24	PK	100	80	PASS
5903.29	Vertical	-4.34	43.64	39.30	54.00	14.70	AV	100	10	PASS
10209.8	Vertical	4.10	39.01	43.11	54.00	10.89	AV	100	10	PASS
10228.5	Vertical	4.15	48.84	52.99	74.00	21.01	PK	100	30	PASS
14849.5	Vertical	8.63	38.79	47.42	54.00	6.58	AV	100	10	PASS
14864.8	Vertical	8.63	49.76	58.39	74.00	15.61	PK	100	230	PASS



Test mode	802.11ax (HE20)(18G~40G)
Test channel	Worst-Case Low(L)

Suspected List

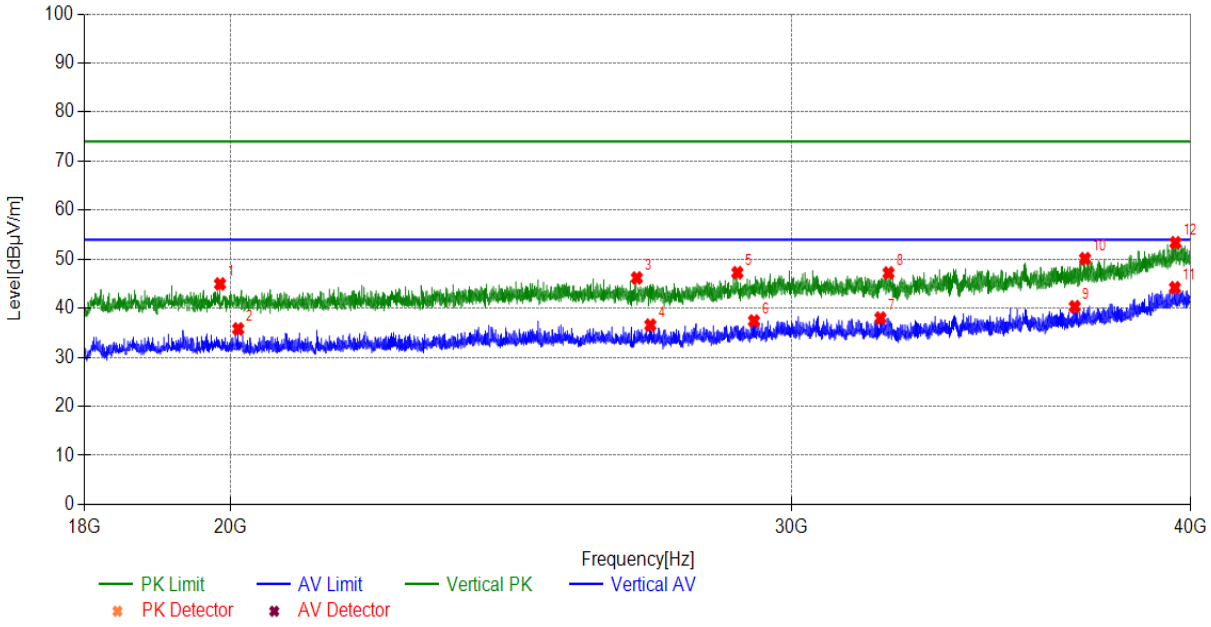
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
19139.7	Horizont	1.34	43.55	44.89	74.00	29.11	PK	100	90	PASS
26288.2	Horizont	4.62	41.54	46.16	74.00	27.84	PK	100	50	PASS
39537.9	Horizont	10.78	41.97	52.75	74.00	21.25	PK	100	30	PASS
29782.1	Horizont	6.55	40.66	47.21	74.00	26.79	PK	100	20	PASS
33768.9	Horizont	6.53	42.52	49.05	74.00	24.95	PK	100	20	PASS
22464.2	Horizont	2.36	41.49	43.85	74.00	30.15	PK	100	90	PASS
26255.2	Horizont	4.60	32.30	36.90	54.00	17.10	AV	100	10	PASS
19335.5	Horizont	1.33	33.55	34.88	54.00	19.12	AV	100	10	PASS
22184.8	Horizont	2.08	33.39	35.47	54.00	18.53	AV	100	10	PASS
29694.1	Horizont	6.49	31.01	37.50	54.00	16.50	AV	100	10	PASS
33773.3	Horizont	6.53	32.07	38.60	54.00	15.40	AV	100	10	PASS
39753.5	Horizont	10.79	33.22	44.01	54.00	9.99	AV	100	10	PASS



Test mode	802.11ax (HE20)(18G~40G)
Test channel	Worst-Case Low(L)

Suspected List

Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
39564.3	Vertical	10.78	42.57	53.35	74.00	20.65	PK	100	50	PASS
37064.9	Vertical	7.93	42.16	50.09	74.00	23.91	PK	100	120	PASS
19850.3	Vertical	1.31	43.64	44.95	74.00	29.05	PK	100	120	PASS
32162.8	Vertical	5.97	41.22	47.19	74.00	26.81	PK	100	20	PASS
28838.2	Vertical	5.90	41.35	47.25	74.00	26.75	PK	100	70	PASS
26818.4	Vertical	4.83	41.34	46.17	74.00	27.83	PK	100	70	PASS
39548.9	Vertical	10.78	33.39	44.17	54.00	9.83	AV	100	10	PASS
20112.2	Vertical	1.34	34.44	35.78	54.00	18.22	AV	100	10	PASS
27082.5	Vertical	4.94	31.62	36.56	54.00	17.44	AV	100	10	PASS
36789.8	Vertical	7.72	32.59	40.31	54.00	13.69	AV	100	10	PASS
31975.7	Vertical	5.91	32.08	37.99	54.00	16.01	AV	100	10	PASS
29185.9	Vertical	6.13	31.27	37.40	54.00	16.60	AV	100	10	PASS



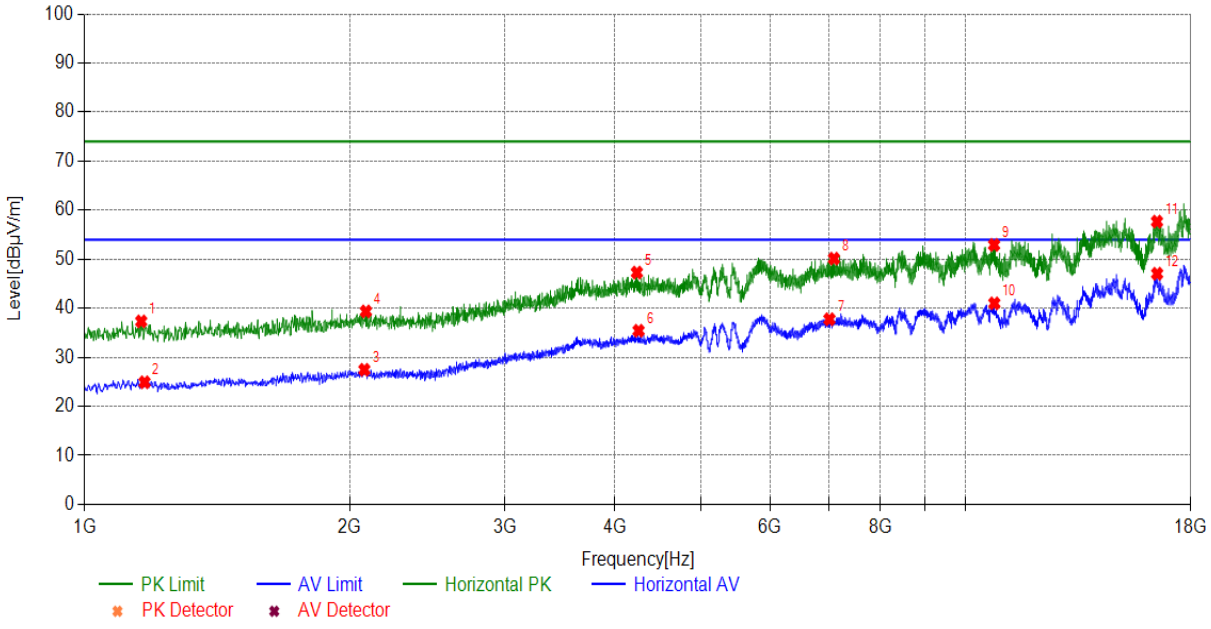
5.6.2.3.4 U-NII-3:

During the test, the Radiates Emission from 1GHz to 40GHz was performed in all modes with all channels and all antenna, 802.11ax20, Channel 149, MIMO are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

Test mode	802.11ax (HE20)(1G~18G)
Test channel	Worst-Case Low(L)

Suspected List

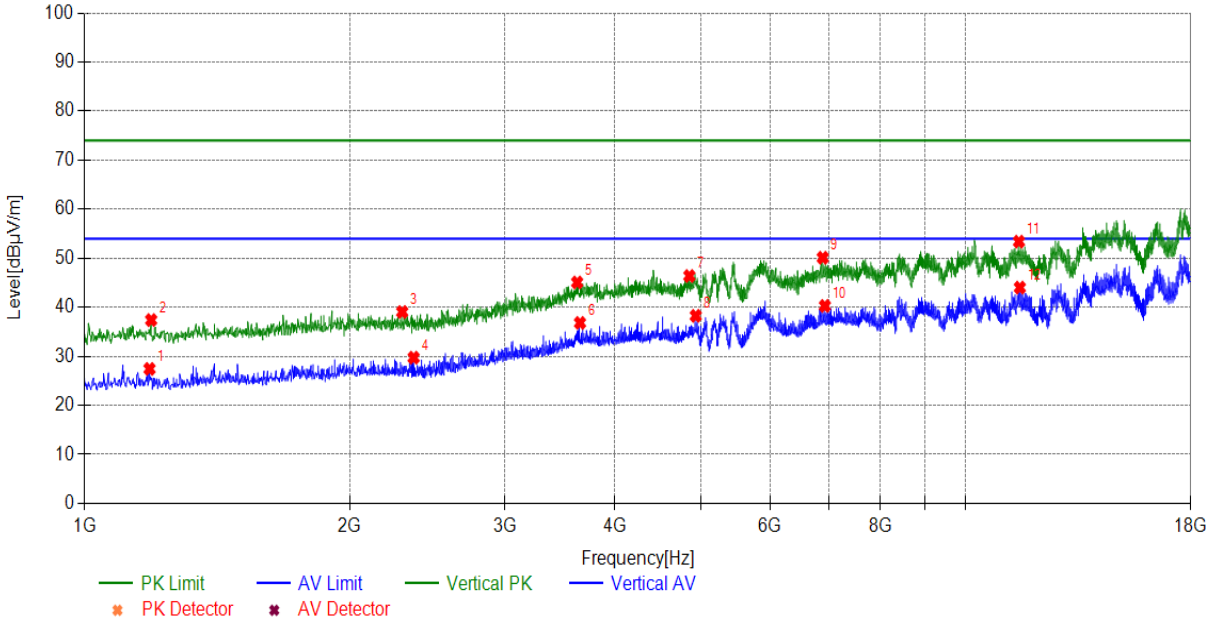
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
1159.81	Horizont	-15.97	53.29	37.32	74.00	36.68	PK	100	334	PASS
1170.01	Horizont	-15.95	40.86	24.91	54.00	29.09	AV	100	350	PASS
2077.90	Horizont	-13.76	41.22	27.46	54.00	26.54	AV	100	355	PASS
2086.40	Horizont	-13.75	53.10	39.35	74.00	34.65	PK	100	355	PASS
4235.42	Horizont	-6.38	53.66	47.28	74.00	26.72	PK	100	345	PASS
4254.12	Horizont	-6.36	41.77	35.41	54.00	18.59	AV	100	355	PASS
7005.00	Horizont	-1.51	39.27	37.76	54.00	16.24	AV	100	355	PASS
7088.30	Horizont	-1.31	51.43	50.12	74.00	23.88	PK	100	350	PASS
10770.8	Horizont	5.05	47.87	52.92	74.00	21.08	PK	100	355	PASS
10777.6	Horizont	5.05	35.95	41.00	54.00	13.00	AV	100	350	PASS
16485.1	Horizont	8.91	48.76	57.67	74.00	16.33	PK	100	355	PASS
16491.9	Horizont	8.93	38.12	47.05	54.00	6.95	AV	100	355	PASS



Test mode	802.11ax (HE20)(1G~18G)
Test channel	Worst-Case Low(L)

Suspected List

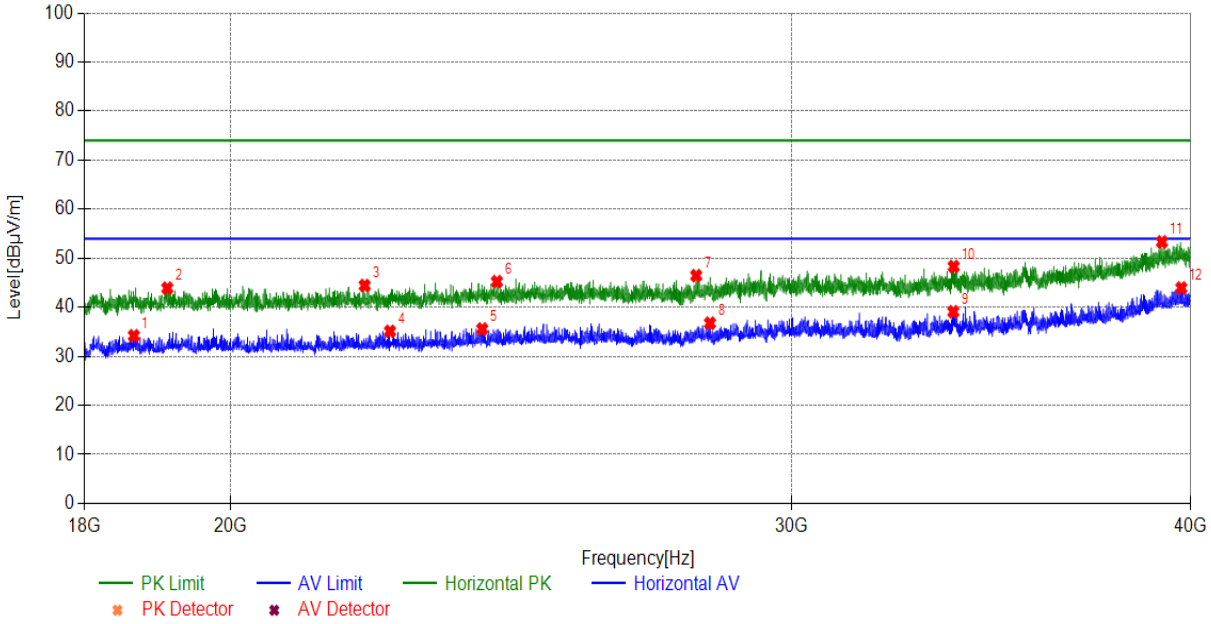
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
1185.31	Vertical	-15.93	43.36	27.43	54.00	26.57	AV	100	10	PASS
1190.41	Vertical	-15.92	53.31	37.39	74.00	36.61	PK	100	130	PASS
2293.82	Vertical	-13.30	52.34	39.04	74.00	34.96	PK	100	140	PASS
2363.53	Vertical	-13.15	42.87	29.72	54.00	24.28	AV	100	10	PASS
3623.36	Vertical	-7.23	52.29	45.06	74.00	28.94	PK	100	20	PASS
3650.56	Vertical	-7.18	43.99	36.81	54.00	17.19	AV	100	10	PASS
4857.68	Vertical	-5.74	52.12	46.38	74.00	27.62	PK	100	80	PASS
4939.29	Vertical	-5.64	43.89	38.25	54.00	15.75	AV	100	10	PASS
6884.28	Vertical	-2.20	52.29	50.09	74.00	23.91	PK	100	190	PASS
6921.69	Vertical	-1.98	42.26	40.28	54.00	13.72	AV	100	10	PASS
11493.4	Vertical	5.02	48.36	53.38	74.00	20.62	PK	100	230	PASS
11520.6	Vertical	4.96	39.05	44.01	54.00	9.99	AV	100	10	PASS



Test mode	802.11ax (HE20)(18G~40G)
Test channel	Worst-Case Low(L)

Suspected List

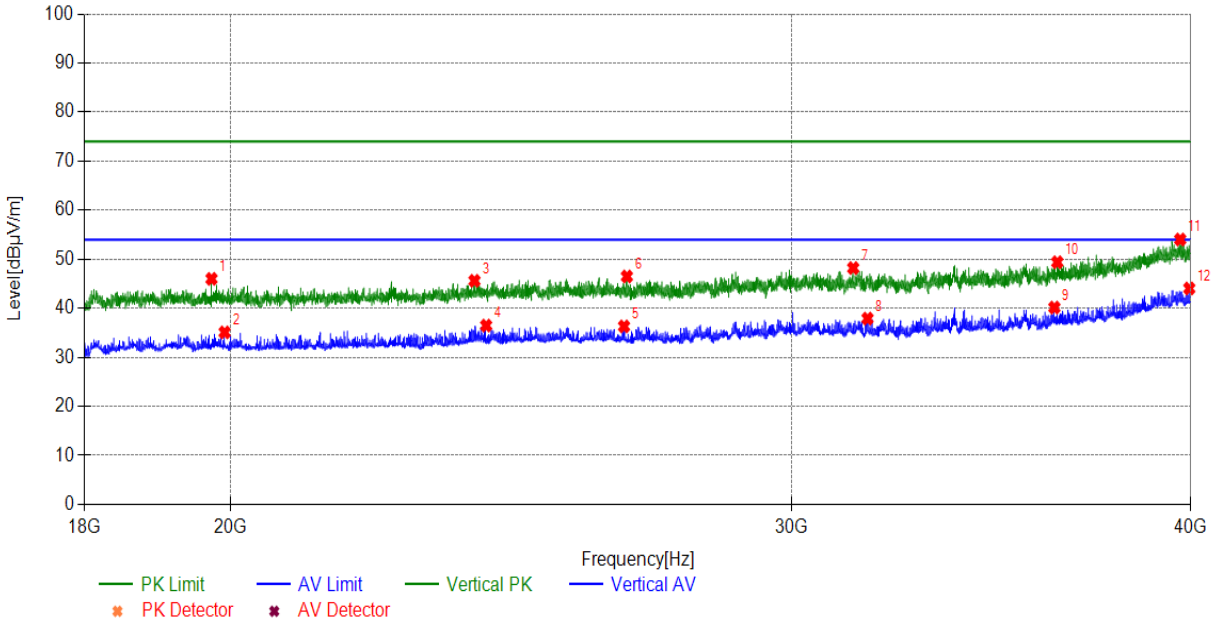
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
24242.0	Horizont	3.80	41.41	45.21	74.00	28.79	PK	100	100	PASS
33711.7	Horizont	6.51	41.79	48.30	74.00	25.70	PK	100	20	PASS
39181.5	Horizont	10.76	42.55	53.31	74.00	20.69	PK	100	70	PASS
22035.2	Horizont	1.94	42.48	44.42	74.00	29.58	PK	100	100	PASS
27993.3	Horizont	5.40	41.04	46.44	74.00	27.56	PK	100	70	PASS
19108.9	Horizont	1.34	42.54	43.88	74.00	30.12	PK	100	110	PASS
22442.2	Horizont	2.34	32.74	35.08	54.00	18.92	AV	100	10	PASS
39733.7	Horizont	10.79	33.13	43.92	54.00	10.08	AV	100	10	PASS
23986.7	Horizont	3.69	31.87	35.56	54.00	18.44	AV	100	10	PASS
28272.8	Horizont	5.56	31.18	36.74	54.00	17.26	AV	100	10	PASS
33702.9	Horizont	6.51	32.56	39.07	54.00	14.93	AV	100	10	PASS
18653.4	Horizont	1.26	32.92	34.18	54.00	19.82	AV	100	10	PASS



Test mode	802.11ax (HE20)(18G~40G)
Test channel	Worst-Case Low(L)

Suspected List

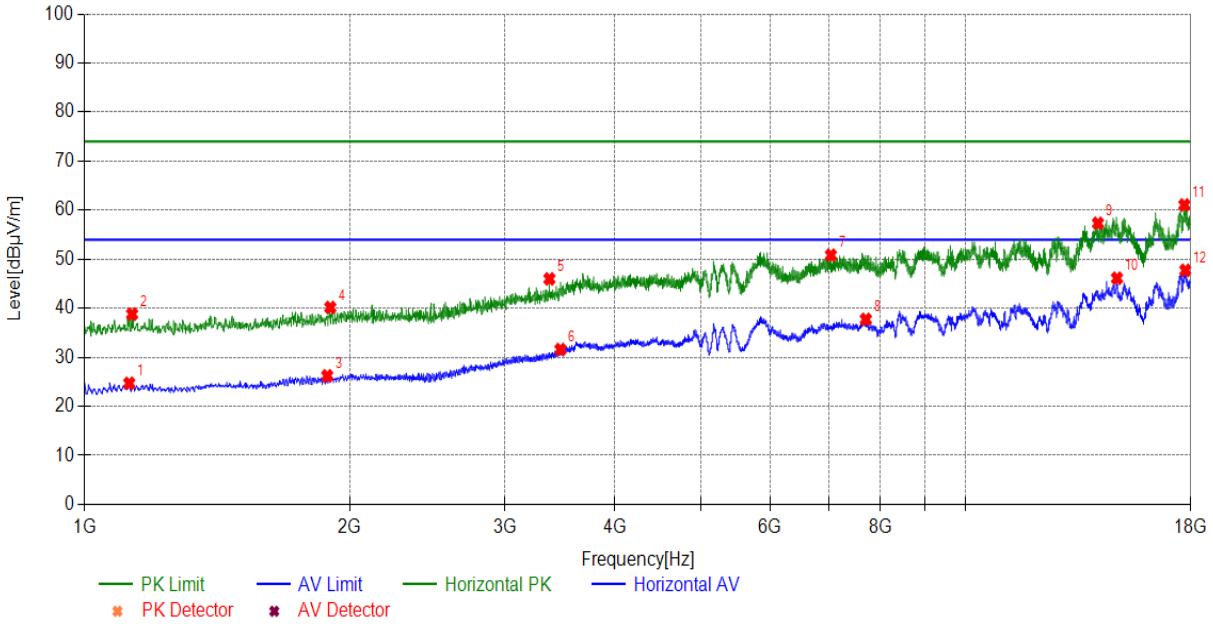
Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
19729.3	Vertical	1.31	44.69	46.00	74.00	28.00	PK	100	50	PASS
36330.0	Vertical	7.39	41.99	49.38	74.00	24.62	PK	100	250	PASS
39700.7	Vertical	10.79	43.23	54.02	74.00	19.98	PK	100	20	PASS
23852.5	Vertical	3.58	42.02	45.60	74.00	28.40	PK	100	270	PASS
26627.0	Vertical	4.75	41.73	46.48	74.00	27.52	PK	100	350	PASS
31353.1	Vertical	6.13	42.06	48.19	74.00	25.81	PK	100	180	PASS
36253.0	Vertical	7.33	32.81	40.14	54.00	13.86	AV	100	10	PASS
19916.3	Vertical	1.30	33.78	35.08	54.00	18.92	AV	100	10	PASS
24055.0	Vertical	3.72	32.75	36.47	54.00	17.53	AV	100	10	PASS
26572.0	Vertical	4.73	31.57	36.30	54.00	17.70	AV	100	10	PASS
31678.7	Vertical	6.01	31.89	37.90	54.00	16.10	AV	100	10	PASS
39962.5	Vertical	10.80	33.24	44.04	54.00	9.96	AV	100	10	PASS



Test mode	802.11ax (HE40)(1G~18G)
Test channel	Worst-Case Low(L)

Suspected List

Frequency [MHz]	Polarity	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Height [cm]	Angle deg	Pass/Fail
1124.11	Horizont	-16.03	40.72	24.69	54.00	29.31	AV	100	353	PASS
1132.61	Horizont	-16.02	54.82	38.80	74.00	35.20	PK	100	294	PASS
1885.78	Horizont	-14.26	40.47	26.21	54.00	27.79	AV	100	353	PASS
1901.09	Horizont	-14.22	54.38	40.16	74.00	33.84	PK	100	61	PASS
3370.03	Horizont	-8.19	54.18	45.99	74.00	28.01	PK	100	348	PASS
3468.64	Horizont	-7.63	39.21	31.58	54.00	22.42	AV	100	353	PASS
7032.20	Horizont	-1.44	52.26	50.82	74.00	23.18	PK	100	281	PASS
7703.77	Horizont	-0.26	37.99	37.73	54.00	16.27	AV	100	353	PASS
14128.7	Horizont	7.48	49.84	57.32	74.00	16.68	PK	100	256	PASS
14849.5	Horizont	8.63	37.50	46.13	54.00	7.87	AV	100	353	PASS
17709.2	Horizont	13.94	47.12	61.06	74.00	12.94	PK	100	238	PASS
17753.4	Horizont	14.17	33.56	47.73	54.00	6.27	AV	100	343	PASS



6. Appendix E

Test Equipment	Type/Mode	SERIAL NO.	Equipment No.	Manufacturer	Cal. Due
Spectrum Analyzer	FSV40	101580	DZ-000238-3	R&S	2021/07/20
Comprehensive Test Instrument	CMW270	100304	DZ-000240-1	R&S	2021/12/08
Analog Signal Generator	SMB100A	181858	DZ-000238-2	R&S	2021/07/20
Vector Signal Generator	SGT100A	111661	DZ-000238-1	R&S	2021/07/20
RF Radio Frequency Switch	JS0806-2	19H9080187	DZ-000241	Tonscend	2021/07/20
Programmable DC Power Supply	E3644A	MY58036222	DZ-000178	KEYSIGHT	2022/04/24
3m Semi-Anechoic Chamber	FACT-4	ST08035	WKNA-0024	ETS	2024/12/12
Spectrum Analyzer	N9010B	MY57470323	DZ-000174	KEYSIGHT	2022/03/05
EMI Test Receiver	N9038A-508	MY532290079	EM-000397	Agilent	2022/03/05
Broadband Antenna	VULB 9163	9163-530	EM-000342	SCHWARZBECK	2021/07/11
Waveguide Horn Antenna	HF906	360306/008	WKNA-0024-8	R&S	2022/03/05
Waveguide Horn Antenna	BBHA9170	00949	EM-000383	SCHWARZBECK	2021/07/24
Bandstop Filters	SW-BSF-2400-100-7-A1	/	EM-000495	/	2021/09/04
5G Bandstop Filters	WRCJV12-4900-5100-5900-6100-50EE	1	DZ-000186	WI	2021/12/16

The End