

EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) CO., LTD.

RADIO TEST - REPORT

Japan Compliance Test Report

Test Report Number: EFGX26070005-IE-01-E03

Test Report No.: EFGX26070005-IE-01-E03

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block, Meishenghuigu Innovation Park, No.83, Dabao Road, Bao'an District, Shenzhen, Guangdong, China Telephone: +86-755-82911867, Fax : +86-755-82910749

Page 1 of 44

Content

1	General Information	3
1.1	Notes	3
1.2	Testing laboratory	4
1.3	Details of approval holder	4
1.4	Details of Manufacturer	4
1.5	Application details	5
1.6	Test item	5
1.7	Standards	6
2	Technical test	7
2.1	Summary of test results	7
2.2	Test environment	7
2.3	Measurement uncertainty	7
2.4	Test mode	8
2.5	Test equipment utilized	9
2.6	Auxiliary Equipment Used during Test:	10
2.7	Test software information:	10
2.8	Test Environments	10
2.9	Test results	11
3	Technical Requirement	12
3.1	Antenna Power , E.I.R.P and Antenna Power Tolerance	12
3.2	Frequency Tolerance	19
3.3	Occupied Frequency Bandwidth	21
3.4	Transmitter Spurious Emissions (Conducted) (For transmitter)	24
3.5	Adjacent Channel Power Tolerance	30
3.6	Burst Length	36
3.7	Secondary Radiated Emissions (Conducted) (For receiver)	39
3.8	Carrier Sensing	42
3.9	Interference prevention function	44

1 General Information

1.1 Notes

The results of this test report relate exclusively to the item tested as specified in chapter "Description of test item" and are not transferable to any other test items.

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd. is not responsible for any generalisations and conclusions drawn from this report. Any modification of the test item can lead to invalidity of test results and this test report may therefore be not applicable to the modified test item.

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Operator:

2026-07-31

Bruce Zheng / Project Engineer



Date

Eurofins-Lab.

Name / Title

Signature

Technical responsibility for area of testing:

2026-07-31

Albert Xu / Lab Manager



Date

Eurofins-Lab.

Name / Title

Signature

1.2 Testing laboratory

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block,

Meishenghuigu Innovation Park, No.83, Dabao Road, Bao'an District, Shenzhen, Guangdong, China

Telephone : +86-755-82911867

Fax : +86-755-82910749

The Laboratory has passed the Accreditation by the American Association for Laboratory Accreditation (A2LA). The Accreditation number is 5376.01.

The Laboratory has been listed by industry Canada to perform electromagnetic emission measurements, The CAB identifier is CN0088.

1.3 Details of approval holder

Name : DX ANTENNA Co., Ltd

Address : 1-2-2 Murotanni Nishi-ku, Kobe City, Hyogo-ken, 651-2241
Japan

Telephone : ./.

Fax : ./.

1.4 Details of Manufacturer

Name : DX ANTENNA Co., Ltd

Address : 1-2-2 Murotanni Nishi-ku, Kobe City, Hyogo-ken, 651-2241
Japan

Telephone : ./.

Fax : ./.

1.5 Application details

Date of receipt of application : 2026-05-27
Date of receipt of test item : 2026-05-27
Date of test : 2026-05-27 to 2026-07-31
Date of issue : 2026-07-31

1.6 Test item

Product type : 屋内パンチルトカメラ
Model name : CNW3CPBH1
Brand : ./.
Serial number : ./.
Sample ID : 260127-38-001
Ratings : 260622-33-001
Test voltage : DC 5V,1.5A; PoE 48V,0.25A

RadioTechnical data

Frequency range : W52: 5180-5240MHz
W53: 5260-5320MHz
W56: 5500-5720MHz
Radio Tech. : 5GHz WLAN
Modulation : OFDM, OFDMA
TX Power Control (TPC) : Not Supported
Type : Slave without radar detection
Antenna type : Internal antenna
Antenna gain : 1.54 dBi for W52 Band
2.35 dBi for W53 Band
3.50 dBi for W56 Band
Additional information : ./.

The above sample(s) and sample information was/were submitted and identified on behalf of the applicant.
Eurofins assures objectivity and impartiality of the test, and fulfills the obligation of confidentiality for applicant's commercial information and technical documents.

1.7 Standards

Standards	
Article 2 paragraph 1 item (19)-3	Low power data communications system in the 5GHz band
ARIB STD-T71 V7.0	Broadband Mobile Access Communication System (CSMA)

2 Technical test

2.1 Summary of test results

No deviations from the technical specification(s) were ascertained in the course of the tests performed.



or

The deviations as specified were ascertained in the course of the tests performed.



2.2 Test environment

Temperature	: 20	...	25°C
Relative humidity content	: 30	...	60%
Air pressure	: 100	...	101kPa

2.3 Measurement uncertainty

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in Measurement" (GUM) published by ISO.

System Measurement Uncertainty	
Test Items	Extended Uncertainty
Uncertainty for Conducted RF test	RF Power Conducted: 1.16dB Frequency test involved: 1.05×10 ⁻⁷ or 1%

2.4 Test mode

Frequency band (MHz)		5150~5250	
802.11a / n / ac / ax 20 MHz		802.11a / n / ac / ax 40 MHz	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
36	5180	38	5190
40	5200	46	5230
44	5220	---	---
48	5240	---	---

Frequency band (MHz)		5250~5350	
802.11a / n / ac / ax 20 MHz		802.11a / n / ac / ax 40 MHz	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
52	5260	54	5270
56	5280	62	5310
60	5300	---	---
64	5320	---	---

Frequency band (MHz)		5500~5700	
802.11a / n / ac / ax 20 MHz		802.11a / n / ac / ax 40 MHz	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
100	5500	102	5510
104	5520	110	5550
108	5540	118	5590
112	5560	126	5630
116	5580	134	5670
120	5600	142	5710
124	5620	---	---
128	5640	---	---
132	5660	---	---
136	5680	---	---
140	5700	---	---
144	5720	---	---

EUT test voltage requirement:

The RF unit is supplied by DC power and POE. The fluctuation of input voltage to the circuit of RF unit of test equipment is under $\pm 1\%$, when input voltage from DC 5V/48V to the test equipment is fluctuated by $\pm 10\%$, So, the DC 5V is choosed in the test report.

The measurement result of the voltage fluctuation at RF circuit when DC 5V $\pm 10\%$.

DC Input	DC 3V
4.5V	3V
5V	3V
5.5V	3V

The measurement result of the POE voltage fluctuation at RF circuit when DC 48V $\pm 10\%$.

DC Input	DC 3V
43.2V	3V
48V	3V
52.8V	3V

2.5 Test equipment utilized

EQUIPMENT ID	EQUIPMENT NAME	MODEL NO.	CAL. DATE	CAL. DUE DATE
23-2-13-12	Signal Analyzer	N9010B-544	2026-03-20	2027-03-20
23-2-13-14	Signal Generator	N5183B-520	2026-03-20	2027-03-20
23-2-10-43	Switch and Control Unit	ERIT-E-JS0806-2	2026-03-20	2027-03-20
23-2-10-44	DC power supply	E3642A	2026-03-20	2027-03-20
23-1-07-001	Digital multimeter	FLUKE-179	2026-03-20	2027-03-20
23-2-10-109	Temperature & Humidity Record	YEM-70AL	2026-03-20	2027-03-20
23-2-10-45	temperature test chamber	SG-80-CC-2	2026-03-20	2027-03-20

Remark:

1. Calibration conducted by the National Institute of Information and Communications Technology (NICT) in Japan (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1) in JRL.
2. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Act (Act No. 51 of 1992).
3. Calibration conducted in countries except Japan, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
4. Calibration, etc. conducted by using measuring instruments and other equipment listed in the right column of appended table No. 3, which shall have been given any type of calibration, etc. listed above from (a) to (C) From JRL Article 24-2, paragraph 4, Item 2.
5. All calibration reports are from CCIC (Shenzhen) Metrology & Testing Service Co., Ltd.

2.6 Auxiliary Equipment Used during Test:

DESCRIPTION	MANUFACTURER	MODEL NO.	S/N
Laptop	LENOVO	TP00096A	PF-1QH0LV

2.7 Test software information:

Test Software Version	SecureCRT	
Modulation	Setting TX Power(SISO)	Packet Type
OFDM	DEF	11a/6M
OFDM	DEF	11n40/MCS0
OFDM	DEF	11ac/MCS0
OFDMA	DEF	11ax/MCS0

2.8 Test Environments

Enviroment Parameter	Temperature	Voltage	Relative Humidity
101.7Kpa	26.5℃	5V DC	51.3%

2.9 Test results

☒ 1st test

☐ test after modification

☐ production test

Conformance requirement according to Article 2 paragraph 1 item (19)-3 and ARIB STD-T71 Version 7.0		Result	Test site
Essential parameter	Corresponding technical requirements		
Transmitter requirements	Antenna Power and E.I.R.P	PASS	Site 1
	Antenna Power Tolerance	PASS	Site 1
	Frequency Tolerance	PASS	Site 1
	Occupied Bandwidth	PASS	Site 1
	Transmitter Spurious Emissions	PASS	Site 1
	Adjacent Channel Emitted Power	PASS	Site 1
	Transmission burst length	PASS	Site 1
Receiver requirements	Secondary Radiated Emissions	PASS	Site 1
	Carrier Sensing	PASS	Site 1
	Interference prevention function	PASS	Site 1

NOTE 1: Measurement taken is within the measurement uncertainty of measurement system.

NOTE 2: “*” N/A is an abbreviation for Not Applicable.

NOTE 3: Test method: MIC notification. No.88 of 2004, Annex 45.

NOTE 4: The test result of IEEE 802.11ax only supports Full RU.

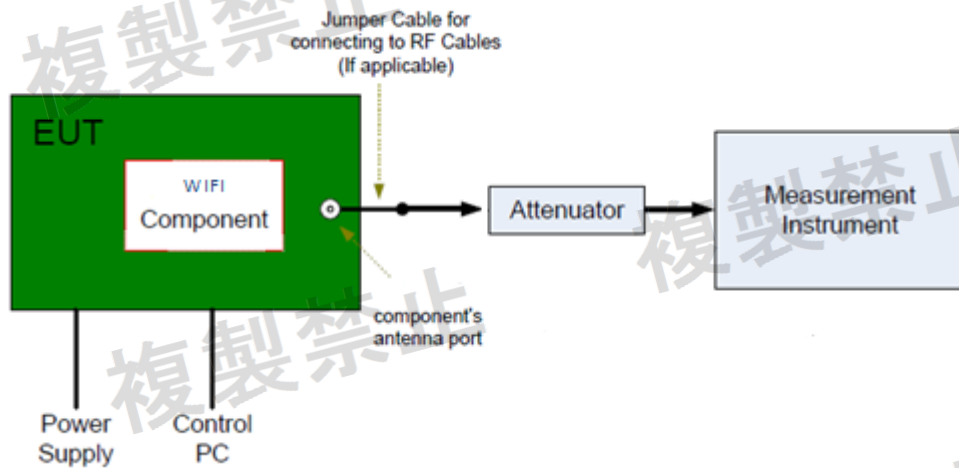
3 Technical Requirement

3.1 Antenna Power , E.I.R.P and Antenna Power Tolerance

3.1.1 Test Method

1. Connect EUT test port to spectrum analyzer.
2. Set the EUT to transmit maximum output power at 5GHz.
3. Then set the EUT to transmit at Highest, Middle, and Lowest frequency and measure the conducted output power separately.
4. RBW=1MHz, VBW:3MHz, Sweep = auto, Detector function = RMS, Trace = max hold
5. Repeat above procedures until all frequencies measured were complete.

3.1.2 Test Setup:



3.1.3 Limit

Limit for Antenna Power ,Output Power Tolerance &EIRP W52 band			
Test Bandwidth(MHz)	Antenna power(mW/MHz)	Antenna Power Tolerance(%)	E.I.R.P(mW/MHz)
20	10	+20 ~ -80	10
40	5	+20 ~ -80	5
80	2.5	+20 ~ -80	2.5
160	1.25	+20 ~ -80	1.25
W53 band			
20	10	+20 ~ -80	5
40	5	+20 ~ -80	2.5
80	2.5	+20 ~ -80	1.25
160	1.25	+20 ~ -80	0.625
W56 Band			
Test Bandwidth(MHz)	Antenna power(mW/MHz)	Antenna Power Tolerance(%)	E.I.R.P(mW/MHz)
20	10	+50 ~ -50	25
40	5	+50 ~ -50	12.5
80	2.5	+50 ~ -50	6.25
160	1.25	+50 ~ -50	3.125

3.1.4 Test result

Antenna Power							
TestCondi- tion	Test- Mode	Antenna	Freq (MHz)	Result (dBm/MHz)	Result (mW/MHz)	Limit (mW/MHz)	Ver- dict
NTNV	11A	Ant1	5180	5.26	3.357	≤10	PASS
			5200	4.52	2.831	≤10	PASS
			5240	4.35	2.723	≤10	PASS
			5260	2.44	1.754	≤10	PASS
			5280	2.30	1.698	≤10	PASS
			5320	2.37	1.726	≤10	PASS
			5500	7.53	5.662	≤10	PASS
			5600	8.22	6.637	≤10	PASS
			5720	7.50	5.623	≤10	PASS
	11N20SI SO	Ant1	5180	5.25	3.350	≤10	PASS
			5200	4.57	2.864	≤10	PASS
			5240	4.43	2.773	≤10	PASS
			5260	2.51	1.782	≤10	PASS
			5280	2.57	1.807	≤10	PASS
			5320	2.35	1.718	≤10	PASS
			5500	7.88	6.138	≤10	PASS
			5600	7.85	6.095	≤10	PASS
			5720	4.06	2.547	≤10	PASS
	11N40SI SO	Ant1	5190	4.01	2.518	≤5	PASS
			5230	4.04	2.535	≤5	PASS
			5270	-0.23	0.948	≤5	PASS
			5310	-0.34	0.925	≤5	PASS
			5510	5.50	3.548	≤5	PASS
			5590	5.31	3.396	≤5	PASS
			5710	2.76	1.888	≤5	PASS
	11AC20S ISO	Ant1	5180	6.93	4.932	≤10	PASS
			5200	7.10	5.129	≤10	PASS
			5240	7.64	5.808	≤10	PASS
			5260	3.53	2.254	≤10	PASS
			5280	3.91	2.460	≤10	PASS
			5320	4.38	2.742	≤10	PASS
			5500	6.76	4.742	≤10	PASS
			5600	5.24	3.342	≤10	PASS
	11AC40S ISO	Ant1	5720	3.52	2.249	≤10	PASS
			5190	3.57	2.275	≤5	PASS
			5230	3.97	2.495	≤5	PASS
			5270	-0.18	0.959	≤5	PASS
			5310	-0.41	0.910	≤5	PASS
			5510	6.17	4.140	≤5	PASS
			5590	6.33	4.295	≤5	PASS
	11AX20S ISO	Ant1	5710	3.56	2.270	≤5	PASS
			5180	7.55	5.689	≤10	PASS
			5200	6.85	4.842	≤10	PASS
			5240	6.49	4.457	≤10	PASS
			5260	4.43	2.773	≤10	PASS
			5280	4.23	2.649	≤10	PASS
			5320	4.15	2.600	≤10	PASS
			5500	8.41	6.934	≤10	PASS
			5600	9.45	8.810	≤10	PASS
	11AX40S	Ant1	5720	8.67	7.362	≤10	PASS
			5190	4.88	3.076	≤5	PASS

	ISO		5230	4.08	2.559	≤5	PASS
			5270	0.72	1.180	≤5	PASS
			5310	0.21	1.050	≤5	PASS
			5510	6.64	4.613	≤5	PASS
			5590	6.98	4.989	≤5	PASS
			5710	4.62	2.897	≤5	PASS

Tolerance								
Test Condition	Test Mode	Antenna	Freq (MHz)	Power (mW/M Hz)	RatedPower (mW/MHz)	Result (%)	Limit (%)	Verdict
NTNV	11A	Ant1	5180	3.357	8	-58.04	-80 to +20	PASS
			5200	2.831	8	-64.61	-80 to +20	PASS
			5240	2.723	8	-65.96	-80 to +20	PASS
			5260	1.754	8	-78.08	-80 to +20	PASS
			5280	1.698	8	-78.78	-80 to +20	PASS
			5320	1.726	8	-78.43	-80 to +20	PASS
			5500	5.662	8	-29.23	-50 to +50	PASS
			5600	6.637	8	-17.04	-50 to +50	PASS
			5720	5.623	8	-29.71	-50 to +50	PASS
	11N20Si SO	Ant1	5180	3.350	8	-58.13	-80 to +20	PASS
			5200	2.864	8	-64.20	-80 to +20	PASS
			5240	2.773	8	-65.34	-80 to +20	PASS
			5260	1.782	8	-77.73	-80 to +20	PASS
			5280	1.807	8	-77.41	-80 to +20	PASS
			5320	1.718	8	-78.53	-80 to +20	PASS
			5500	6.138	5	22.76	-50 to +50	PASS
			5600	6.095	5	21.90	-50 to +50	PASS
			5720	2.547	5	-49.06	-50 to +50	PASS
	11N40Si SO	Ant1	5190	2.518	5	-49.64	-80 to +20	PASS
			5230	2.535	5	-49.30	-80 to +20	PASS
			5270	0.948	4	-76.30	-80 to +20	PASS
			5310	0.925	4	-76.87	-80 to +20	PASS
			5510	3.548	3	18.27	-50 to +50	PASS
			5590	3.396	3	13.20	-50 to +50	PASS

							+50	
			5710	1.888	3	-37.07	-50 to +50	PASS
	11AC20 SISO	Ant1	5180	4.932	10	-50.68	-80 to +20	PASS
			5200	5.129	10	-48.71	-80 to +20	PASS
			5240	5.808	10	-41.92	-80 to +20	PASS
			5260	2.254	10	-77.46	-80 to +20	PASS
			5280	2.460	10	-75.40	-80 to +20	PASS
			5320	2.742	10	-72.58	-80 to +20	PASS
			5500	4.742	4	18.55	-50 to +50	PASS
			5600	3.342	4	-16.45	-50 to +50	PASS
			5720	2.249	4	-43.78	-50 to +50	PASS
	11AC40 SISO	Ant1	5190	2.275	5	-54.50	-80 to +20	PASS
			5230	2.495	5	-50.10	-80 to +20	PASS
			5270	0.959	4	-76.02	-80 to +20	PASS
			5310	0.910	4	-77.25	-80 to +20	PASS
			5510	4.140	4	3.50	-50 to +50	PASS
			5590	4.295	4	7.38	-50 to +50	PASS
			5710	2.270	4	-43.25	-50 to +50	PASS
	11AX20 SISO	Ant1	5180	5.689	10	-43.11	-80 to +20	PASS
			5200	4.842	10	-51.58	-80 to +20	PASS
			5240	4.457	10	-55.43	-80 to +20	PASS
			5260	2.773	10	-72.27	-80 to +20	PASS
			5280	2.649	10	-73.51	-80 to +20	PASS
			5320	2.600	10	-74.00	-80 to +20	PASS
			5500	6.934	10	-30.66	-50 to +50	PASS
			5600	8.810	10	-11.90	-50 to +50	PASS
			5720	7.362	10	-26.38	-50 to +50	PASS
	11AX40 SISO	Ant1	5190	3.076	5	-38.48	-80 to +20	PASS
			5230	2.559	5	-48.82	-80 to +20	PASS
			5270	1.180	4	-70.50	-80 to +20	PASS
			5310	1.050	4	-73.75	-80 to +20	PASS

							+20	
			5510	4.613	5	-7.74	-50 to +50	PASS
			5590	4.989	5	-0.22	-50 to +50	PASS
			5710	2.897	5	-42.06	-50 to +50	PASS

EIRP							
TestCondition	Test-Mode	Antenna	Freq (MHz)	Result (mW/MHz)	EIRP (mW/MHz)	Limit (mW/MHz)	Verdict
NTNV	11A	Ant1	5180	3.357	4.786	≤10	PASS
			5200	2.831	4.036	≤10	PASS
			5240	2.723	3.882	≤10	PASS
			5260	1.754	3.013	≤5	PASS
			5280	1.698	2.917	≤5	PASS
			5320	1.726	2.965	≤5	PASS
			5500	5.662	12.677	≤25	PASS
			5600	6.637	14.859	≤25	PASS
	11N20SI SO	Ant1	5720	5.623	12.589	≤25	PASS
			5180	3.350	4.775	≤10	PASS
			5200	2.864	4.083	≤10	PASS
			5240	2.773	3.954	≤10	PASS
			5260	1.782	3.062	≤5	PASS
			5280	1.807	3.105	≤5	PASS
			5320	1.718	2.951	≤5	PASS
			5500	6.138	13.740	≤25	PASS
	11N40SI SO	Ant1	5600	6.095	13.646	≤25	PASS
			5720	2.547	5.702	≤25	PASS
			5190	2.518	3.589	≤5	PASS
			5230	2.535	3.614	≤5	PASS
			5270	0.948	1.629	≤2.5	PASS
			5310	0.925	1.588	≤2.5	PASS
			5510	3.548	7.943	≤12.5	PASS
			5590	3.396	7.603	≤12.5	PASS
	11AC20S ISO	Ant1	5710	1.888	4.227	≤12.5	PASS
			5180	4.932	7.031	≤10	PASS
			5200	5.129	7.311	≤10	PASS
			5240	5.808	8.279	≤10	PASS
			5260	2.254	3.873	≤5	PASS
			5280	2.460	4.227	≤5	PASS
			5320	2.742	4.710	≤5	PASS
			5500	4.742	10.617	≤25	PASS
	11AC40S ISO	Ant1	5600	3.342	7.482	≤25	PASS
			5720	2.249	5.035	≤25	PASS
			5190	2.275	3.243	≤5	PASS
			5230	2.495	3.556	≤5	PASS
			5270	0.959	1.648	≤2.5	PASS
			5310	0.910	1.563	≤2.5	PASS
			5510	4.140	9.268	≤12.5	PASS
			5590	4.295	9.616	≤12.5	PASS
	11AX20S ISO	Ant1	5710	2.270	5.082	≤12.5	PASS
			5180	5.689	8.110	≤10	PASS
			5200	4.842	6.902	≤10	PASS
			5240	4.457	6.353	≤10	PASS
			5260	2.773	4.764	≤5	PASS
			5280	2.649	4.550	≤5	PASS
			5320	2.600	4.467	≤5	PASS

	11AX40S ISO	Ant1	5500	6.934	15.524	≤25	PASS
			5600	8.810	19.724	≤25	PASS
			5720	7.362	16.482	≤25	PASS
			5190	3.076	4.385	≤5	PASS
			5230	2.559	3.648	≤5	PASS
			5270	1.180	2.027	≤2.5	PASS
			5310	1.050	1.803	≤2.5	PASS
			5510	4.613	10.328	≤12.5	PASS
			5590	4.989	11.169	≤12.5	PASS
			5710	2.897	6.486	≤12.5	PASS

The equipment met the requirement of this clause.

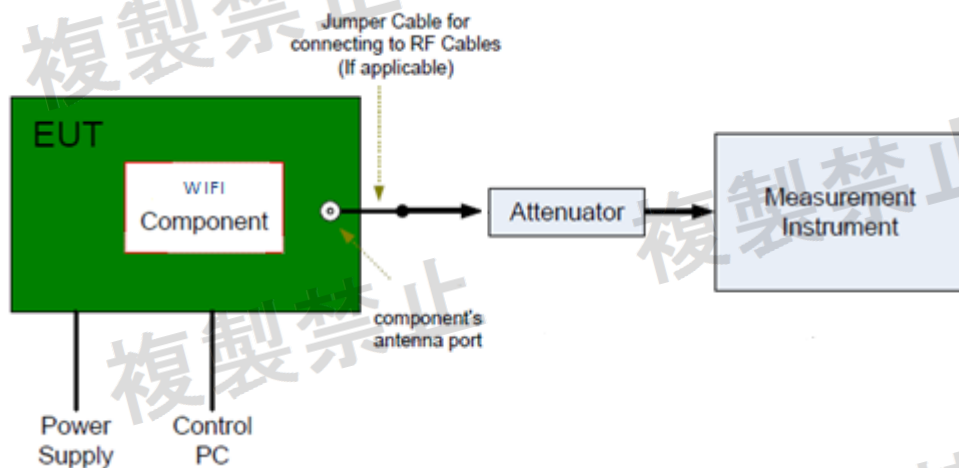
3.2 Frequency Tolerance

3.2.1 Test Method:

1. Connect EUT test port to spectrum analyzer.
2. Set the EUT to transmit maximum output power at 5GHz.
3. Then set the EUT to transmit at Highest, Middle, and Lowest frequency and measure the conducted output power separately.
4. RBW=10KHz, VBW $\geq$ 3RBW, Sweep = auto, Detector function = peak, Trace = max hold
5. Repeat above procedures until all frequencies measured were complete.

3.2.2 Test Setup:

The WIFI component's antenna ports(s) of the EUT are connected to the measurement instrument per an appropriate attenuator. The EUT is controlled by PC/software to emit the specified signals for the purpose of measurements.



3.2.3 Limit (ARIB STD-T71 V7.0)

Tolerance of frequency: $\pm 20 \times 10^{-6}$.

3.2.4 Test Result

TestCondition	Antenna	Freq (MHz)	CenterFreq [MHz]	Result [ppm]	Limit [ppm]	Verdict
NTNV	Ant1	5180	5180.007	1.35135	±20	PASS
		5200	5200.027	5.19231	±20	PASS
		5240	5239.99	-1.90840	±20	PASS
		5260	5260.061	11.59696	±20	PASS
		5280	5280.075	14.20455	±20	PASS
		5320	5320.085	15.97744	±20	PASS
		5500	5500.012	2.18182	±20	PASS
		5600	5600.102	18.21429	±20	PASS
		5700	5700.111	19.47368	±20	PASS
		5720	5720.031	5.41958	±20	PASS
	Ant1	5190	5190.078	15.02890	±20	PASS
		5230	5230.001	0.19121	±20	PASS
		5270	5270.017	3.22581	±20	PASS
		5310	5310.037	6.96799	±20	PASS
		5510	5510.057	10.34483	±20	PASS
		5590	5590.096	17.17352	±20	PASS
		5710	5710.102	17.86340	±20	PASS

Please refer to the appendix A for test plots
The equipment met the requirement of this clause.

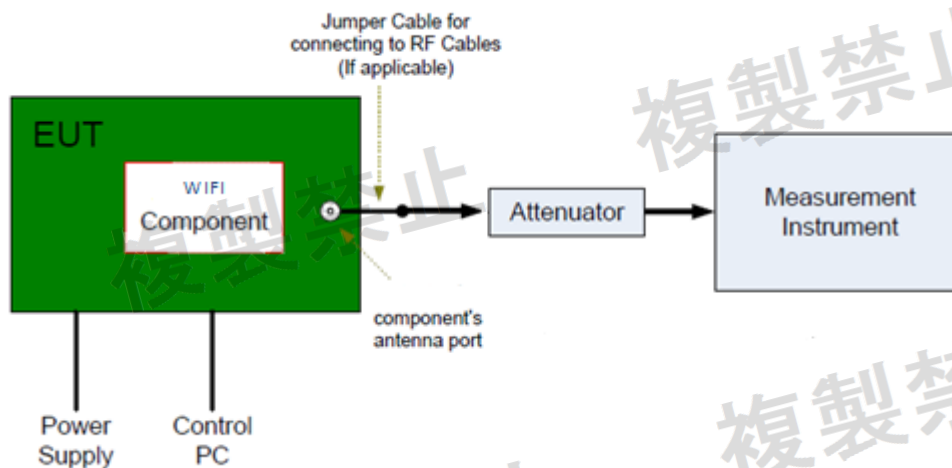
3.3 Occupied Frequency Bandwidth

3.3.1 Test Method:

1. Connect EUT test port to spectrum analyzer.
2. Set the EUT to transmit maximum output power at 5GHz.
3. Then set the EUT to transmit at Highest, Middle, and Lowest frequency separately.
4. Set Occupied bandwidth 99%
5. Set RBW=300KHz , VBW $\geq$ RBW.
6. Set Sweep = auto.
7. Set Detector function = peak.
8. Allow the trace to stabilize.
9. Repeat above procedures until all frequencies measured were complete.

3.3.2 Test Setup:

The WIFI component's antenna ports(s) of the EUT are connected to the measurement instrument per an appropriate attenuator. The EUT is controlled by PC/software to emit the specified signals for the purpose of measurements.



3.3.3 Limit (ARIB STD-T71 V7.0)

20MHz or less for 20MHz system
 20~40MHz for 40MHz system
 40~80MHz for 80MHz system

3.3.4 Test Result

TestCondition	Test-Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	11A	Ant1	5180	16.462	≤20	PASS
			5200	16.476	≤20	PASS
			5240	16.502	≤20	PASS
			5260	16.517	≤20	PASS
			5280	16.451	≤20	PASS
			5320	16.513	≤20	PASS
			5500	16.473	≤20	PASS
			5600	16.484	≤20	PASS
			5720	16.548	≤20	PASS
	11N20SI SO	Ant1	5180	17.705	≤20	PASS
			5200	17.741	≤20	PASS
			5240	17.654	≤20	PASS
			5260	17.723	≤20	PASS
			5280	17.677	≤20	PASS
			5320	17.721	≤20	PASS
			5500	17.727	≤20	PASS
			5600	17.764	≤20	PASS
			5720	17.759	≤20	PASS
	11N40SI SO	Ant1	5190	36.001	≤40	PASS
			5230	35.982	≤40	PASS
			5270	35.951	≤40	PASS
			5310	35.964	≤40	PASS
			5510	36.047	≤40	PASS
			5590	36.030	≤40	PASS
			5710	35.922	≤40	PASS
			5180	17.730	≤20	PASS
	11AC20S ISO	Ant1	5200	17.803	≤20	PASS
			5240	17.865	≤20	PASS
			5260	17.811	≤20	PASS
			5280	17.793	≤20	PASS
			5320	17.793	≤20	PASS
			5500	17.698	≤20	PASS
			5600	17.796	≤20	PASS
			5720	17.793	≤20	PASS
	11AC40S ISO	Ant1	5190	35.973	≤40	PASS
			5230	35.929	≤40	PASS
			5270	35.997	≤40	PASS
			5310	35.923	≤40	PASS
			5510	36.048	≤40	PASS
			5590	36.028	≤40	PASS
			5710	35.913	≤40	PASS
			5180	19.000	≤20	PASS
	11AX20S ISO	Ant1	5200	18.976	≤20	PASS
			5240	18.942	≤20	PASS
			5260	19.014	≤20	PASS
			5280	18.994	≤20	PASS
			5320	19.020	≤20	PASS
			5500	19.005	≤20	PASS
			5600	18.938	≤20	PASS
			5720	18.930	≤20	PASS
	11AX40S ISO	Ant1	5190	37.637	≤40	PASS
			5230	37.686	≤40	PASS
			5270	37.510	≤40	PASS
			5310	37.660	≤40	PASS
			5510	37.576	≤40	PASS

			5590	37.865	≤40	PASS
			5710	37.699	≤40	PASS

Please refer to the appendix C for test plots
The equipment met the requirement of this clause.

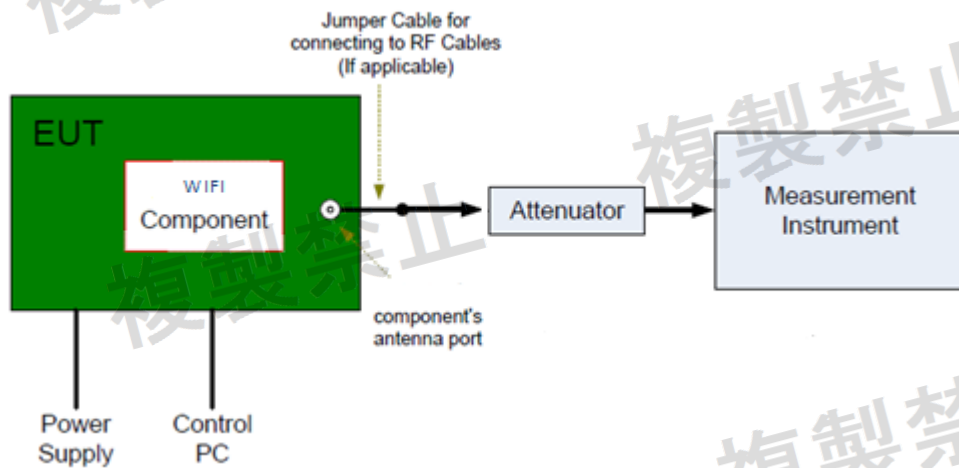
3.4 Transmitter Spurious Emissions (Conducted) (For transmitter)

Test Method:

1. Connect EUT test port to spectrum analyzer.
2. Set the EUT to transmit maximum output power at 5GHz.
3. Then set the EUT to transmit at Highest, Middle, and Lowest frequency separately.
4. Set RBW = 1MHz, VBW ≥ RBW.
5. Set Sweep = auto.
6. Set Detector function = peak.
7. Allow the trace to stabilize.
8. Repeat above procedures until all frequencies measured were complete.

Test Setup:

The WIFI component's antenna ports(s) of the EUT are connected to the measurement instrument per an appropriate attenuator. The EUT is controlled by PC/software to emit the specified signals for the purpose of measurements.



3.4.1 Limit (ARIB STD-T71 V7.0)

W52			
20MHz system		40MHz system	80MHz system
OBW : 18MHz or less	OBW : 18 ~ 20 MHz		
5,142 MHz or less : 2.5 μW/MHz	5,142 MHz or less : 2.5 μW/MHz	5,141.6 MHz or less : 2.5 μW/MHz	5,123.2 MHz or less : 2.5 μW/MHz
5,142 ~ 5,150 MHz : 15 μW/MHz	5,142 ~ 5,150 MHz : 15 μW/MHz	5,141.6 ~ 5,150 MHz : 15 μW/MHz	5,123.2 ~ 5,150 MHz : 15 μW/MHz
5,250 ~ 5,251 MHz : $10^{1-(f-5250)/10}$ mW/MHz	5,250.2 ~ 5,251 MHz : $10^{1-(f-5250)/10}$ mW/MHz	5,250 ~ 5,251 MHz : $10^{1-(f-5250)/10}$ mW/MHz	5,250 ~ 5,251 MHz : $10^{1-(f-5250)/10}$ mW/MHz
5,251 ~ 5,260 MHz : $10^{1-(f-5250)/10}$ mW/MHz	5,251 ~ 5,260 MHz : $10^{1-(f-5250)/10}$ mW/MHz	5,251 ~ 5,270 MHz : $10^{1-(f-5250)/10}$ mW/MHz	5,251 ~ 5,290 MHz : $10^{1-(f-5250)/10}$ mW/MHz
5,260 ~ 5,266.7 MHz : $10^{1-(f-5260)/10}$ mW/MHz	5,260 ~ 5,266.7 MHz : $10^{1-(f-5260)/10}$ mW/MHz	5,270 ~ 5,278.4 MHz : $10^{1-(f-5260)/10}$ mW/MHz	5,290 ~ 5,296.7 MHz : $10^{1-(f-5260)/10}$ mW/MHz
5,266.7 MHz or more : 2.5 μW/MHz	5,266.7 MHz or more : 2.5 μW/MHz	5,278.4 MHz or more : 2.5 μW/MHz	5,296.7 MHz or more : 2.5 μW/MHz
f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5230 (MHz)	f = MHz, Difference from 5210 (MHz)
W53			
20MHz system		40MHz system	80MHz system
OBW : 18MHz or less	OBW : 18 ~ 20 MHz		
5,233.3 MHz or less : 2.5 μW/MHz	5,233.3 MHz or less : 2.5 μW/MHz	5,221.6 MHz or less : 2.5 μW/MHz	5,203.3 MHz or less : 2.5 μW/MHz
5,233.3 ~ 5,240 MHz : $10^{1-(f-5233.3)/10}$ mW/MHz	5,233.3 ~ 5,240 MHz : $10^{1-(f-5233.3)/10}$ mW/MHz	5,221.6 ~ 5,230 MHz : $10^{1-(f-5233.3)/10}$ mW/MHz	5,203.3 ~ 5,210 MHz : $10^{1-(f-5233.3)/10}$ mW/MHz
5,240 ~ 5,249 MHz : $10^{1-(f-5240)/10}$ mW/MHz	5,240 ~ 5,249 MHz : $10^{1-(f-5240)/10}$ mW/MHz	5,230 ~ 5,249 MHz : $10^{1-(f-5240)/10}$ mW/MHz	5,210 ~ 5,249 MHz : $10^{1-(f-5240)/10}$ mW/MHz
5,249 ~ 5,250 MHz : $10^{1-(f-5249)/10}$ mW/MHz	5,249 ~ 5,250 MHz : $10^{1-(f-5249)/10}$ mW/MHz	5,249 ~ 5,250 MHz : $10^{1-(f-5249)/10}$ mW/MHz	5,249 ~ 5,250 MHz : $10^{1-(f-5249)/10}$ mW/MHz
5,250 MHz or more : 2.5 μW/MHz	5,249.8 ~ 5,250 MHz : $10^{1-(f-5249)/10}$ mW/MHz	5,350 ~ 5,358.4 MHz : 15 μW/MHz	5,350 ~ 5,376.8 MHz : 15 μW/MHz
f = MHz, Difference from 5250 (MHz)	f = MHz, Difference from 5250 (MHz)	f = MHz, Difference from 5270 (MHz)	f = MHz, Difference from 5290 (MHz)
W56			
20MHz system		40MHz system	80MHz system
DSSS, etc.	OFDM		
5,470 MHz or less : 12.5 uW/MHz	5,460 MHz or less : 2.5 uW/MHz	5,460 MHz or less : 12.5 uW/MHz	5,460 MHz or less : 12.5 uW/MHz
5,460 ~ 5,470 MHz : 12.5 uW/MHz	5,460 ~ 5,470 MHz : 12.5 uW/MHz	5,460 ~ 5,470 MHz : 50 uW/MHz	5,460 ~ 5,469.5 MHz : 50 uW/MHz
5,730 MHz or more : 12.5 uW/MHz	5,745 ~ 5,765 MHz : 12.5 uW/MHz	5,770 MHz or more : 12.5 uW/MHz	5,469.5 ~ 5,470 MHz : 51.2 uW/MHz
	Over 5,765 MHz : 2.5 uW/MHz		5,770 MHz or more : 12.5 uW/MHz

Test Report No.: EFGX26070005-IE-01-E03

Euofins Electrical Testing Service (Shenzhen) Co., Ltd.

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3.4.2 Test Result

TestCondi- tion	Test- Mode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	11A	Ant1	5180	30~5142	3767.38	-42.66	0.13274	≤2.5	PASS
				5142~5150	5142.43	-43.70	0.10447	≤15	PASS
				5250~5251	5250.99	-46.35	0.05675	≤102.3	PASS
				5251~5260	5259.94	-44.78	0.08147	≤16.0	PASS
				5260~5266.7	5260.19	-45.50	0.06902	≤15.8	PASS
				5266.7~2600 0	25792.67	-40.78	0.20464	≤2.5	PASS
			5200	30~5142	3778.63	-41.95	0.15631	≤2.5	PASS
				5142~5150	5144.70	-43.83	0.10139	≤15	PASS
				5250~5251	5251.00	-45.83	0.06397	≤100.0	PASS
				5251~5260	5259.42	-46.25	0.05808	≤17.8	PASS
				5260~5266.7	5262.55	-44.70	0.08299	≤15.8	PASS
				5266.7~2600 0	24843.77	-40.66	0.21038	≤2.5	PASS
			5240	30~5142	3823.62	-41.85	0.15996	≤2.5	PASS
				5142~5150	5144.94	-43.61	0.10666	≤15	PASS
				5250~5251	5250.99	-19.84	25.40973	≤102.3	PASS
				5251~5260	5252.33	-26.17	5.91562	≤76.2	PASS
				5260~5266.7	5260.27	-44.95	0.07834	≤15.8	PASS
				5266.7~2600 0	25725.63	-40.60	0.21330	≤2.5	PASS
			5260	30~5233.3	3810.20	-41.85	0.15996	≤2.5	PASS
				5233.3~5240	5233.37	-45.08	0.07603	≤2.5	PASS
				5240~5249	5248.94	-24.11	9.50605	≤98.8	PASS
				5249~5250	5249.02	-20.03	24.32204	≤104.7	PASS
				5350~26000	25924.28	-39.05	0.30479	≤2.5	PASS
			5280	30~5233.3	3761.29	-42.09	0.15136	≤2.5	PASS
				5233.3~5240	5233.78	-45.50	0.06902	≤2.8	PASS
				5240~5249	5240.31	-45.61	0.06730	≤16.9	PASS
				5249~5250	5249.03	-44.33	0.09036	≤107.2	PASS
				5350~26000	25615.22	-39.62	0.26730	≤2.5	PASS
			5320	30~5233.3	3788.34	-42.06	0.15241	≤2.5	PASS
				5233.3~5240	5234.16	-44.27	0.09162	≤3.2	PASS
				5240~5249	5241.22	-44.78	0.08147	≤20.3	PASS
				5249~5250	5249.05	-43.43	0.11117	≤112.2	PASS
				5350~26000	25805.89	-40.22	0.23281	≤2.5	PASS
			5500	30~5460	5031.57	-42.42	0.14028	≤2.5	PASS
				5460~5470	5464.13	-44.41	0.08872	≤12.5	PASS
				5745~5765	5762.94	-44.39	0.08913	≤12.5	PASS
				5765~26000	25838.12	-39.84	0.25410	≤2.5	PASS
				5600	30~5460	3963.49	-42.79	0.12882	≤2.5
			5460~5470		5463.41	-44.24	0.09226	≤12.5	PASS
			5745~5765		5749.38	-44.79	0.08128	≤12.5	PASS
			5765~26000		25818.56	-37.84	0.40272	≤2.5	PASS
			5720	30~5460	5051.12	-42.61	0.13428	≤2.5	PASS
				5460~5470	5469.82	-44.44	0.08810	≤12.5	PASS
				5745~5765	5749.98	-45.05	0.07656	≤12.5	PASS
				5765~26000	25600.02	-39.28	0.28907	≤2.5	PASS
	11N20SI SO	Ant1		5180	30~5142	5055.61	-42.32	0.14355	≤2.5
			5142~5150		5146.06	-43.78	0.10257	≤15	PASS
			5250~5251		5250.97	-45.54	0.06839	≤107.2	PASS
			5251~5260		5259.54	-45.51	0.06887	≤17.4	PASS
			5260~5266.7		5260.47	-44.30	0.09099	≤15.8	PASS
			5266.7~2600		24148.52	-39.82	0.25527	≤2.5	PASS

				0					
			5200	30~5142	5030.56	-42.47	0.13868	≤2.5	PASS
				5142~5150	5149.71	-44.27	0.09162	≤15	PASS
				5250~5251	5250.95	-46.14	0.05957	≤112.2	PASS
				5251~5260	5259.87	-46.95	0.04943	≤16.3	PASS
				5260~5266.7	5260.40	-45.72	0.06561	≤15.8	PASS
				5266.7~2600 0	25978.58	-40.24	0.23174	≤2.5	PASS
			5240	30~5142	3146.28	-42.02	0.15382	≤2.5	PASS
				5142~5150	5143.21	-43.23	0.11641	≤15	PASS
				5250~5251	5250.82	-15.46	69.66265	≤151.4	PASS
				5251~5260	5251.36	-18.69	33.11311	≤92.9	PASS
				5260~5266.7	5260.64	-43.35	0.11324	≤15.8	PASS
				5266.7~2600 0	25658.59	-40.66	0.21038	≤2.5	PASS
			5260	30~5233.3	3084.34	-41.74	0.16406	≤2.5	PASS
				5233.3~5240	5233.37	-44.41	0.08872	≤2.5	PASS
				5240~5249	5248.78	-21.88	15.88547	≤95.6	PASS
				5249~5250	5249.04	-18.28	36.39150	≤109.6	PASS
				5350~26000	25714.34	-39.54	0.27227	≤2.5	PASS
				30~5233.3	3726.94	-42.05	0.15276	≤2.5	PASS
			5280	5233.3~5240	5234.41	-45.17	0.07447	≤3.4	PASS
				5240~5249	5241.19	-45.01	0.07727	≤20.2	PASS
				5249~5250	5249.03	-45.35	0.07145	≤107.2	PASS
				5350~26000	25805.89	-40.41	0.22284	≤2.5	PASS
				30~5233.3	3809.68	-41.76	0.16331	≤2.5	PASS
				5233.3~5240	5234.77	-43.34	0.11350	≤3.7	PASS
			5320	5240~5249	5240.07	-46.01	0.06138	≤16.1	PASS
				5249~5250	5249.02	-44.64	0.08414	≤104.7	PASS
				5350~26000	25740.50	-39.30	0.28774	≤2.5	PASS
				30~5460	3768.56	-42.08	0.15171	≤2.5	PASS
			5500	5460~5470	5463.19	-44.88	0.07962	≤12.5	PASS
				5745~5765	5749.82	-40.51	0.21777	≤12.5	PASS
				5765~26000	24493.84	-40.32	0.22751	≤2.5	PASS
			5600	30~5460	2998.04	-42.88	0.08851	≤2.5	PASS
				5460~5470	5468.45	-45.33	0.05035	≤12.5	PASS
				5745~5765	5759.22	-44.86	0.05610	≤12.5	PASS
				5765~26000	25963.58	-39.94	0.17418	≤2.5	PASS
			5720	30~5460	3782.13	-42.06	0.10691	≤2.5	PASS
				5460~5470	5465.71	-44.77	0.05728	≤12.5	PASS
				5745~5765	5762.04	-44.79	0.05702	≤12.5	PASS
				5765~26000	25740.99	-40.16	0.16558	≤2.5	PASS
	11N40SI SO	Ant1	5190	30~5141.6	3789.58	-42.86	0.07379	≤2.5	PASS
				5141.6~5150	5147.66	-37.92	0.23014	≤15	PASS
				5250~5251	5250.96	-45.34	0.04169	≤54.8	PASS
				5251~5270	5268.88	-46.68	0.03062	≤8.8	PASS
				5270~5278.4	5278.16	-45.23	0.04276	≤2.6	PASS
				5278.4~2600 0	25842.52	-40.07	0.14028	≤2.5	PASS
			5230	30~5141.6	3784.98	-40.59	0.12445	≤2.5	PASS
				5141.6~5150	5141.73	-43.29	0.06683	≤15	PASS
				5250~5251	5250.98	-33.78	0.59704	≤52.4	PASS
				5251~5270	5260.42	-34.57	0.49774	≤20.1	PASS
				5270~5278.4	5272.80	-39.41	0.16331	≤5.4	PASS
				5278.4~2600 0	25729.93	-40.27	0.13397	≤2.5	PASS
			5270	30~5221.6	5040.93	-42.09	0.08810	≤2.5	PASS
				5221.6~5230	5225.03	-41.35	0.10447	≤4.0	PASS
				5230~5249	5232.79	-37.36	0.26182	≤10.4	PASS

	11AC20S ISO	Ant1		5249~5250	5249.07	-35.61	0.39174	≤58.7	PASS
				5348.4~2600 0	25889.17	-39.92	0.14521	≤2.5	PASS
				5350~5348.4	5348.40	-44.51	0.05047	≤15	PASS
			5310	30~5221.6	3776.26	-42.21	0.08570	≤2.5	PASS
				5221.6~5230	5221.93	-45.36	0.04150	≤2.6	PASS
				5230~5249	5231.41	-45.67	0.03864	≤9.1	PASS
				5249~5250	5249.17	-43.96	0.05728	≤74.0	PASS
			5510	5348.4~2600 0	25669.57	-39.86	0.14723	≤2.5	PASS
				5350~5348.4	5348.40	-40.57	0.12503	≤15	PASS
				30~5460	3720.77	-40.70	0.14622	≤12.5	PASS
			5590	5460~5470	5466.71	-28.72	2.30675	≤50	PASS
				5770~26000	25976.40	-39.08	0.21232	≤12.5	PASS
				30~5460	3831.00	-41.66	0.11722	≤12.5	PASS
			5710	5460~5470	5462.03	-44.69	0.05834	≤50	PASS
				5770~26000	24360.70	-39.69	0.18450	≤12.5	PASS
				30~5460	3759.32	-42.65	0.09333	≤12.5	PASS
			5180	5460~5470	5467.64	-44.39	0.06252	≤50	PASS
				5770~26000	25959.54	-40.00	0.17179	≤12.5	PASS
				30~5142	3744.89	-41.79	0.09441	≤2.5	PASS
				5142~5150	5142.21	-43.89	0.05821	≤15	PASS
				5250~5251	5250.92	-44.90	0.04613	≤120.2	PASS
				5251~5260	5259.78	-46.16	0.03451	≤16.6	PASS
				5260~5266.7	5263.07	-45.48	0.04036	≤15.8	PASS
			5200	5266.7~2600 0	25923.98	-40.24	0.13490	≤2.5	PASS
				30~5142	3717.80	-43.04	0.07079	≤2.5	PASS
				5142~5150	5147.90	-43.14	0.06918	≤15	PASS
				5250~5251	5250.86	-44.38	0.05200	≤138.0	PASS
				5251~5260	5259.81	-46.38	0.03281	≤16.5	PASS
			5240	5260~5266.7	5264.07	-45.12	0.04385	≤15.8	PASS
				5266.7~2600 0	25932.27	-40.26	0.13428	≤2.5	PASS
				30~5142	3804.70	-42.71	0.07638	≤2.5	PASS
				5142~5150	5148.59	-43.41	0.06501	≤15	PASS
				5250~5251	5251	-13.99	56.88529	≤100.0	PASS
			5260	5251~5260	5251.05	-15.56	39.62780	≤99.0	PASS
				5260~5266.7	5262.47	-41.81	0.09397	≤15.8	PASS
				5266.7~2600 0	25690.38	-39.86	0.14723	≤2.5	PASS
				30~5233.3	3796.67	-41.23	0.10740	≤2.5	PASS
				5233.3~5240	5233.42	-45.26	0.04246	≤2.6	PASS
			5280	5240~5249	5248.67	-19.25	16.94338	≤93.5	PASS
				5249~5250	5249.02	-17.09	27.86121	≤104.7	PASS
				5350~26000	22466.79	-39.86	0.14723	≤2.5	PASS
				30~5233.3	3796.67	-42.85	0.07396	≤2.5	PASS
				5233.3~5240	5233.52	-45.15	0.04355	≤2.6	PASS
			5320	5240~5249	5241.61	-44.80	0.04721	≤22.0	PASS
				5249~5250	5249.07	-44.78	0.04742	≤117.5	PASS
				5350~26000	23771.87	-39.58	0.15704	≤2.5	PASS
				30~5233.3	3167.07	-41.67	0.09705	≤2.5	PASS
				5233.3~5240	5233.37	-46.05	0.03540	≤2.5	PASS
			5500	5240~5249	5241.08	-44.30	0.05297	≤19.8	PASS
				5249~5250	5249.03	-45.40	0.04111	≤107.2	PASS
				5350~26000	25973.84	-39.41	0.16331	≤2.5	PASS
				30~5460	4970.21	-42.16	0.10447	≤2.5	PASS
				5460~5470	5460.99	-45.36	0.05000	≤12.5	PASS
				5745~5765	5754.56	-44.91	0.05546	≤12.5	PASS

	11AC40S ISO	Ant1		5765~26000	22752.96	-39.97	0.17298	≤2.5	PASS
			5600	30~5460	3846.75	-42.20	0.10351	≤2.5	PASS
				5460~5470	5466.77	-44.97	0.05470	≤12.5	PASS
				5745~5765	5760.02	-44.83	0.05649	≤12.5	PASS
				5765~26000	25822.61	-39.00	0.21627	≤2.5	PASS
			5720	30~5460	3783.76	-40.73	0.14521	≤2.5	PASS
				5460~5470	5463.21	-45.03	0.05395	≤12.5	PASS
				5745~5765	5756.80	-44.72	0.05794	≤12.5	PASS
				5765~26000	25718.06	-40.04	0.17022	≤2.5	PASS
			5190	30~5141.6	3839.16	-42.64	0.07762	≤2.5	PASS
				5141.6~5150	5147.87	-37.83	0.23496	≤15	PASS
				5250~5251	5250.94	-43.82	0.05916	≤57.4	PASS
				5251~5270	5269.09	-46.34	0.03311	≤8.7	PASS
				5270~5278.4	5278.01	-46.49	0.03199	≤2.6	PASS
				5278.4~26000	23899.52	-40.93	0.11508	≤2.5	PASS
			5230	30~5141.6	3839.16	-41.61	0.09840	≤2.5	PASS
				5141.6~5150	5146.51	-43.39	0.06531	≤15	PASS
				5250~5251	5250.83	-22.26	8.47227	≤74.0	PASS
				5251~5270	5251.67	-26.13	3.47536	≤46.9	PASS
				5270~5278.4	5273.43	-38.15	0.21827	≤4.9	PASS
				5278.4~26000	25769.30	-39.37	0.16482	≤2.5	PASS
			5270	30~5221.6	4977.08	-42.19	0.08610	≤2.5	PASS
				5221.6~5230	5222.55	-42.05	0.08892	≤2.8	PASS
				5230~5249	5233.80	-34.81	0.47098	≤11.5	PASS
				5249~5250	5249.05	-28.37	2.07491	≤56.1	PASS
				5348.4~26000	24809.09	-40.15	0.13772	≤2.5	PASS
			5310	5350~5348.4	5348.40	-44.92	0.04592	≤15	PASS
				30~5221.6	3772.11	-42.17	0.08650	≤2.5	PASS
				5221.6~5230	5222.04	-45.18	0.04325	≤2.6	PASS
				5230~5249	5232.05	-44.41	0.05164	≤9.7	PASS
				5249~5250	5249.06	-45.47	0.04046	≤57.4	PASS
				5348.4~26000	25681.97	-40.45	0.12853	≤2.5	PASS
			5510	5350~5348.4	5348.40	-38.05	0.22336	≤15	PASS
				30~5460	4949.04	-41.49	0.12190	≤12.5	PASS
				5460~5470	5468.27	-30.96	1.37721	≤50	PASS
			5590	5770~26000	25906.27	-40.02	0.17100	≤12.5	PASS
				30~5460	3858.69	-41.71	0.11588	≤12.5	PASS
				5460~5470	5462.84	-44.73	0.05781	≤50	PASS
			5600	5770~26000	25765.33	-39.23	0.20512	≤12.5	PASS
				30~5460	5083.70	-42.23	0.10280	≤12.5	PASS
				5460~5470	5465.69	-44.97	0.05470	≤50	PASS
			5710	5770~26000	25833.44	-40.25	0.16218	≤12.5	PASS
				30~5460	2704.28	-42.48	0.09705	≤12.5	PASS
				5460~5470	5461.71	-45.29	0.05082	≤50	PASS
	11AX20S ISO	Ant1	5180	5770~26000	25751.85	-38.67	0.23335	≤12.5	PASS
				30~5142	3776.58	-42.67	0.07709	≤2.5	PASS
				5142~5150	5145.39	-43.26	0.06730	≤15	PASS
				5250~5250.2	5250.20	-46.48	0.03206	≤631.0	PASS
				5250.2~5251	5251.00	-46.61	0.03112	≤100.0	PASS
				5251~5260	5259.73	-44.79	0.04732	≤16.7	PASS
				5260~5266.7	5262.72	-44.94	0.04571	≤15.8	PASS
				5266.7~26000	25395.97	-39.79	0.14962	≤2.5	PASS
			5200	30~5142	3690.19	-42.17	0.08650	≤2.5	PASS
				5142~5150	5143.19	-43.52	0.06339	≤15	PASS

				5250~5250.2	5250.18	-44.06	0.05598	≤713.4	PASS
				5250.2~5251	5250.89	-45.18	0.04325	≤128.8	PASS
				5251~5260	5259.89	-43.48	0.06397	≤16.2	PASS
				5260~5266.7	5262.20	-45.89	0.03673	≤15.8	PASS
				5266.7~2600 0	25656.52	-40.60	0.12417	≤2.5	PASS
			5240	30~5142	3791.41	-42.22	0.08551	≤2.5	PASS
				5142~5150	5146.94	-43.40	0.06516	≤15	PASS
				5250~5250.2	5250.18	-6.19	342.7677 9	≤713.4	PASS
				5250.2~5251	5250.99	-13.07	70.30723	≤102.3	PASS
				5251~5260	5251.10	-15.57	39.53666	≤98.0	PASS
				5260~5266.7	5263.79	-43.56	0.06281	≤15.8	PASS
				5266.7~2600 0	25988.94	-39.52	0.15922	≤2.5	PASS
			5260	30~5233.3	3773.25	-42.03	0.08933	≤2.5	PASS
				5233.3~5240	5233.43	-46.22	0.03404	≤2.6	PASS
				5240~5249	5248.97	-20.01	14.22329	≤99.4	PASS
				5249~5249.8	5249.05	-16.18	34.35579	≤112.2	PASS
				5249.8~5250	5249.81	-9.73	151.7050 4	≤670.9	PASS
			5280	5350~26000	25984.86	-40.41	0.12972	≤2.5	PASS
				30~5233.3	3776.90	-42.59	0.07852	≤2.5	PASS
				5233.3~5240	5233.83	-45.56	0.03963	≤2.9	PASS
				5240~5249	5240.69	-45.69	0.03846	≤18.3	PASS
				5249~5249.8	5249.08	-43.60	0.06223	≤120.2	PASS
			5320	5249.8~5250	5249.81	-45.18	0.04325	≤670.9	PASS
				5350~26000	25681.99	-39.82	0.14859	≤2.5	PASS
				30~5233.3	3192.57	-42.38	0.08241	≤2.5	PASS
				5233.3~5240	5233.39	-46.23	0.03396	≤2.6	PASS
				5240~5249	5240.88	-45.43	0.04083	≤19.0	PASS
			5500	5249~5249.8	5249.10	-44.16	0.05470	≤125.9	PASS
				5249.8~5250	5249.80	-46.14	0.03467	≤631.0	PASS
				5350~26000	25617.98	-39.47	0.16106	≤2.5	PASS
				30~5460	3821.23	-41.23	0.12942	≤2.5	PASS
				5460~5470	5462.49	-44.61	0.05943	≤12.5	PASS
			5600	5745~5765	5762.26	-44.27	0.06427	≤12.5	PASS
				5765~26000	19422.28	-40.15	0.16596	≤2.5	PASS
				30~5460	3762.58	-42.42	0.09840	≤2.5	PASS
				5460~5470	5462.34	-44.61	0.05943	≤12.5	PASS
			5720	5745~5765	5764.00	-44.77	0.05728	≤12.5	PASS
				5765~26000	25964.93	-40.70	0.14622	≤2.5	PASS
				30~5460	3783.22	-41.69	0.11641	≤2.5	PASS
				5460~5470	5461.74	-44.91	0.05546	≤12.5	PASS
			5190	5745~5765	5747.46	-44.42	0.06209	≤12.5	PASS
				5765~26000	25704.57	-39.95	0.17378	≤2.5	PASS
				30~5141.6	3781.91	-42.01	0.08974	≤2.5	PASS
				5141.6~5150	5148.67	-36.25	0.33806	≤15	PASS
	11AX40S ISO	Ant1	5190	5250~5251	5250.88	-44.04	0.05623	≤65.9	PASS
				5251~5270	5266.64	-44.41	0.05164	≤11.0	PASS
				5270~5278.4	5277.73	-45.71	0.03828	≤2.7	PASS
				5278.4~2600 0	25952.34	-40.65	0.12274	≤2.5	PASS
			5230	30~5141.6	3802.87	-42.81	0.07464	≤2.5	PASS
				5141.6~5150	5148.58	-43.19	0.06839	≤15	PASS
				5250~5251	5250.05	-19.91	14.55459	≤445.6	PASS
				5251~5270	5253.81	-30.00	1.42561	≤38.1	PASS
				5270~5278.4	5275.81	-39.89	0.14622	≤3.6	PASS
				5278.4~2600	22518.08	-40.28	0.13366	≤2.5	PASS

			0						
			30~5221.6	5220.04	-40.65	0.12274	≤2.5	PASS	
			5221.6~5230	5221.93	-44.63	0.04909	≤2.6	PASS	
			5230~5249	5231.88	-39.18	0.17219	≤9.5	PASS	
			5249~5250	5249.99	-19.29	16.78804	≤488.6	PASS	
			5348.4~2600 0	25795.55	-39.66	0.15417	≤2.5	PASS	
			5350~5348.4	5348.40	-45.14	0.04365	≤15	PASS	
			30~5221.6	3707.21	-41.93	0.09141	≤2.5	PASS	
			5221.6~5230	5223.58	-44.38	0.05200	≤3.3	PASS	
			5230~5249	5230.87	-44.84	0.04677	≤8.6	PASS	
			5249~5250	5249.18	-44.28	0.05321	≤75.7	PASS	
			5348.4~2600 0	25821.02	-40.02	0.14191	≤2.5	PASS	
			5350~5348.4	5348.40	-38.38	0.20701	≤15	PASS	
			30~5460	5448.60	-35.41	0.49431	≤12.5	PASS	
			5460~5470	5468.30	-28.31	2.53513	≤50	PASS	
			5770~26000	25238.00	-39.09	0.21184	≤12.5	PASS	
			30~5460	3874.98	-40.59	0.14997	≤12.5	PASS	
			5460~5470	5465.45	-44.34	0.06324	≤50	PASS	
			5770~26000	25606.86	-40.41	0.15631	≤12.5	PASS	
			30~5460	3741.41	-41.55	0.12023	≤12.5	PASS	
			5460~5470	5462.06	-44.90	0.05559	≤50	PASS	
			5770~26000	22500.88	-39.87	0.17701	≤12.5	PASS	

Please refer to the appendix D for test plots
The equipment met the requirement of this clause.

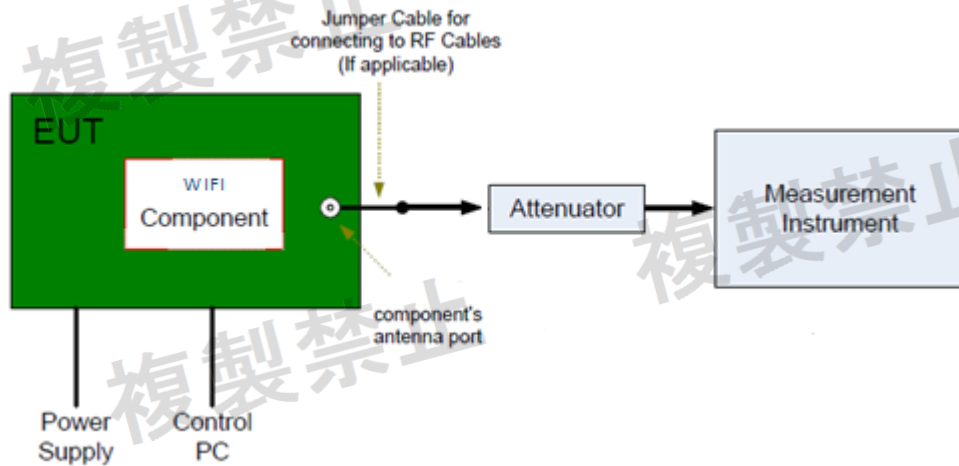
3.5 Adjacent Channel Power Tolerance

Test Method:

1. Connect EUT test port to spectrum analyzer.
2. Set the EUT to transmit maximum output power at 5GHz.
3. Then set the EUT to transmit at Highest, Middle, and Lowest frequency separately.
4. Set RBW :300KHz, VBW :300KHz
5. Set Sweep = auto.
6. Set Detector function = peak.
7. Allow the trace to stabilize.
8. Repeat above procedures until all frequencies measured were complete.

Test Setup:

The WIFI component's antenna ports(s) of the EUT are connected to the measurement instrument per an appropriate attenuator. The EUT is controlled by PC/software to emit the specified signals for the purpose of measurements.


3.5.1 Limit (ARIB STD-T71 V7.0)

For 20MHz BW (All Bands) $\geq 25\text{dB}$ for $\pm 20\text{MHz}$; $\geq 40\text{dB}$ for $\pm 40\text{MHz}$
 For 40MHz BW (All Bands) $\geq 25\text{dB}$ for $\pm 40\text{MHz}$; $\geq 40\text{dB}$ for $\pm 80\text{MHz}$
 For 80MHz BW (All Bands) $\geq 25\text{dB}$ for $\pm 80\text{MHz}$ BW

3.5.2 Test Result

TestCondition	Test-Mode	Antenna	Freq(MHz)	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11A	Ant1	5180	-40	-45.08	≤-40	PASS
				-20	-33.99	≤-25	PASS
				+20	-33.91	≤-25	PASS
				+40	-46.15	≤-40	PASS
			5200	-40	-44.95	≤-40	PASS
				-20	-35.01	≤-25	PASS
				+20	-34.18	≤-25	PASS
				+40	-46.11	≤-40	PASS
			5240	-40	-44.83	≤-40	PASS
				-20	-34.83	≤-25	PASS
				+20	-34.98	≤-25	PASS
				+40	-46.00	≤-40	PASS
			5260	-40	-43.89	≤-40	PASS
				-20	-33.74	≤-25	PASS
				+20	-34.81	≤-25	PASS
				+40	-45.05	≤-40	PASS
			5280	-40	-44.47	≤-40	PASS
				-20	-35.08	≤-25	PASS
				+20	-34.93	≤-25	PASS
				+40	-45.35	≤-40	PASS
			5320	-40	-45.00	≤-40	PASS
				-20	-34.22	≤-25	PASS
				+20	-35.28	≤-25	PASS
				+40	-45.50	≤-40	PASS
			5500	-40	-49.91	≤-40	PASS
				-20	-34.04	≤-25	PASS
				+20	-35.46	≤-25	PASS
				+40	-49.33	≤-40	PASS
			5600	-40	-50.30	≤-40	PASS
				-20	-33.48	≤-25	PASS
				+20	-34.84	≤-25	PASS
				+40	-50.47	≤-40	PASS
			5720	-40	-49.80	≤-40	PASS
				-20	-34.53	≤-25	PASS
				+20	-35.20	≤-25	PASS
				+40	-49.78	≤-40	PASS
	11N20SI SO	Ant1	5180	-40	-46.13	≤-40	PASS
				-20	-32.57	≤-25	PASS
				+20	-32.98	≤-25	PASS
				+40	-47.36	≤-40	PASS
			5200	-40	-45.60	≤-40	PASS
				-20	-32.66	≤-25	PASS
				+20	-32.74	≤-25	PASS
				+40	-46.84	≤-40	PASS
			5240	-40	-45.86	≤-40	PASS
				-20	-32.81	≤-25	PASS
				+20	-33.14	≤-25	PASS
				+40	-46.98	≤-40	PASS
			5260	-40	-44.01	≤-40	PASS
				-20	-32.35	≤-25	PASS
				+20	-33.01	≤-25	PASS
				+40	-45.20	≤-40	PASS
			5280	-40	-44.24	≤-40	PASS
				-20	-32.20	≤-25	PASS
				+20	-32.36	≤-25	PASS

	11N40SI SO	Ant1	5320	+40	-45.15	≤-40	PASS
				-40	-45.07	≤-40	PASS
				-20	-31.85	≤-25	PASS
				+20	-32.77	≤-25	PASS
			5500	+40	-45.59	≤-40	PASS
				-40	-50.24	≤-40	PASS
				-20	-32.78	≤-25	PASS
				+20	-32.86	≤-25	PASS
			5600	+40	-49.46	≤-40	PASS
				-40	-49.75	≤-40	PASS
				-20	-31.96	≤-25	PASS
				+20	-31.94	≤-25	PASS
			5720	+40	-49.87	≤-40	PASS
				-40	-45.95	≤-40	PASS
				-20	-32.47	≤-25	PASS
				+20	-32.40	≤-25	PASS
	11AC20S ISO	Ant1	5190	+40	-45.88	≤-40	PASS
				-80	-43.99	≤-40	PASS
				-40	-38.46	≤-25	PASS
				+40	-39.08	≤-25	PASS
			5230	+80	-46.14	≤-40	PASS
				-80	-44.39	≤-40	PASS
				-40	-37.80	≤-25	PASS
				+40	-38.98	≤-25	PASS
			5270	+80	-46.67	≤-40	PASS
				-80	-43.21	≤-40	PASS
				-40	-39.05	≤-25	PASS
				+40	-39.47	≤-25	PASS
			5310	+80	-45.00	≤-40	PASS
				-80	-43.90	≤-40	PASS
				-40	-37.92	≤-25	PASS
				+40	-39.05	≤-25	PASS
			5510	+80	-45.25	≤-40	PASS
				-80	-47.42	≤-40	PASS
				-40	-32.88	≤-25	PASS
				+40	-34.51	≤-25	PASS
			5590	+80	-47.09	≤-40	PASS
				-80	-46.56	≤-40	PASS
				-40	-32.60	≤-25	PASS
				+40	-34.16	≤-25	PASS
	5710	+80	-47.15	≤-40	PASS		
		-80	-44.62	≤-40	PASS		
		-40	-37.66	≤-25	PASS		
		+40	-37.21	≤-25	PASS		
	11AC20S ISO	Ant1	5180	+80	-44.63	≤-40	PASS
				-40	-48.63	≤-40	PASS
				-20	-32.40	≤-25	PASS
				+20	-31.95	≤-25	PASS
			5200	+40	-49.80	≤-40	PASS
				-40	-51.13	≤-40	PASS
				-20	-26.56	≤-25	PASS
				+20	-27.30	≤-25	PASS
	5240	+40	-52.25	≤-40	PASS		
		-40	-49.40	≤-40	PASS		
		-20	-32.00	≤-25	PASS		
		+20	-32.20	≤-25	PASS		
	5260	+40	-50.55	≤-40	PASS		
		-40	-45.70	≤-40	PASS		
	5260	-20	-31.69	≤-25	PASS		

				+20	-31.95	≤25	PASS
				+40	-46.88	≤40	PASS
			5280	-40	-45.32	≤40	PASS
				-20	-32.11	≤25	PASS
				+20	-31.93	≤25	PASS
				+40	-46.61	≤40	PASS
				+40	-46.61	≤40	PASS
			5320	-40	-47.40	≤40	PASS
				-20	-32.04	≤25	PASS
				+20	-32.29	≤25	PASS
				+40	-47.93	≤40	PASS
				+40	-47.93	≤40	PASS
			5500	-40	-49.68	≤40	PASS
				-20	-32.16	≤25	PASS
				+20	-32.14	≤25	PASS
				+40	-49.17	≤40	PASS
				+40	-49.17	≤40	PASS
			5600	-40	-47.65	≤40	PASS
				-20	-33.04	≤25	PASS
				+20	-32.92	≤25	PASS
				+40	-47.80	≤40	PASS
				+40	-47.80	≤40	PASS
			5720	-40	-44.29	≤40	PASS
				-20	-31.84	≤25	PASS
				+20	-31.98	≤25	PASS
				+40	-44.23	≤40	PASS
				+40	-44.23	≤40	PASS
	11AC40S ISO	Ant1	5190	-80	-43.93	≤40	PASS
				-40	-38.74	≤25	PASS
				+40	-38.75	≤25	PASS
				+80	-46.07	≤40	PASS
				+80	-46.07	≤40	PASS
			5230	-80	-44.53	≤40	PASS
				-40	-37.77	≤25	PASS
				+40	-37.15	≤25	PASS
				+80	-46.61	≤40	PASS
				+80	-46.61	≤40	PASS
			5270	-80	-43.58	≤40	PASS
				-40	-38.68	≤25	PASS
				+40	-38.46	≤25	PASS
				+80	-45.33	≤40	PASS
				+80	-45.33	≤40	PASS
			5310	-80	-44.49	≤40	PASS
				-40	-37.89	≤25	PASS
				+40	-38.46	≤25	PASS
				+80	-45.82	≤40	PASS
				+80	-45.82	≤40	PASS
			5510	-80	-47.59	≤40	PASS
				-40	-32.97	≤25	PASS
				+40	-29.23	≤25	PASS
				+80	-45.73	≤40	PASS
				+80	-45.73	≤40	PASS
			5590	-80	-47.38	≤40	PASS
				-40	-33.68	≤25	PASS
				+40	-30.64	≤25	PASS
				+80	-46.74	≤40	PASS
				+80	-46.74	≤40	PASS
			5710	-80	-45.39	≤40	PASS
				-40	-37.56	≤25	PASS
				+40	-36.33	≤25	PASS
				+80	-45.34	≤40	PASS
				+80	-45.34	≤40	PASS
	11AX20S ISO	Ant1	5180	-40	-48.21	≤40	PASS
				-20	-32.31	≤25	PASS
				+20	-33.43	≤25	PASS
				+40	-49.24	≤40	PASS
			5200	-40	-47.64	≤40	PASS
				-20	-32.80	≤25	PASS
				+20	-32.80	≤25	PASS
				+40	-48.80	≤40	PASS
			5240	-40	-47.62	≤40	PASS
				-40	-47.62	≤40	PASS

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Please refer to the appendix H for test plots
The equipment met the requirement of this clause.

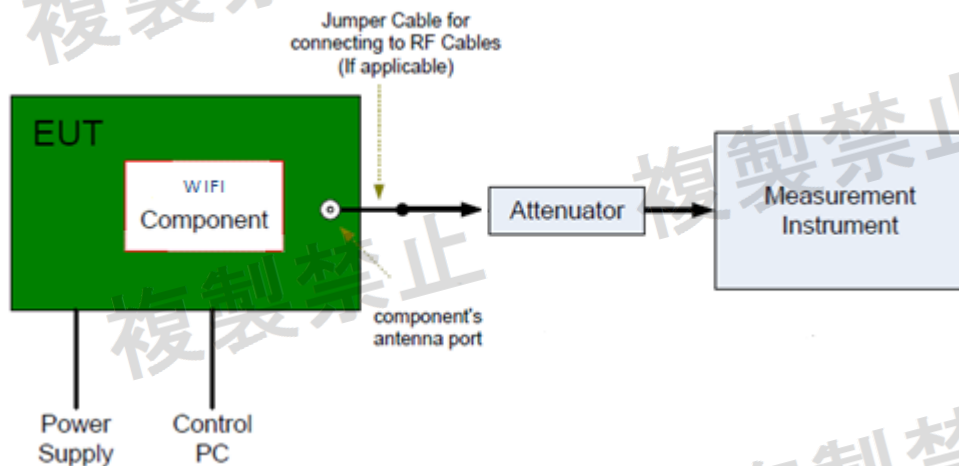
3.6 Burst Length

Test Method:

9. Connect EUT test port to spectrum analyzer.
10. Set the EUT to transmit maximum output power at 5GHz.
11. Then set the EUT to transmit at Highest, Middle, and Lowest frequency separately.
12. Set RBW :8MHz, VBW :50MHz
13. Set Sweep = auto.
14. Set Detector function = peak.
15. Allow the trace to stabilize.
16. Repeat above procedures until all frequencies measured were complete.

Test Setup:

The WIFI component's antenna ports(s) of the EUT are connected to the measurement instrument per an appropriate attenuator. The EUT is controlled by PC/software to emit the specified signals for the purpose of measurements.



3.6.1 Limit (ARIB STD-T71 V7.0)

8ms or less

3.6.2 Test Result

TestCondition	Test-Mode	Antenna	Freq(MHz)	Result [ms]	Limit [ms]	Verdict
NTNV	11A	Ant1	5180	0.27	≤8	PASS
			5200	0.27	≤8	PASS
			5240	0.27	≤8	PASS
			5260	0.27	≤8	PASS
			5280	0.27	≤8	PASS
			5320	0.27	≤8	PASS
			5500	0.27	≤8	PASS
			5600	0.27	≤8	PASS
			5720	0.27	≤8	PASS
	11N20SI SO	Ant1	5180	0.29	≤8	PASS
			5200	0.29	≤8	PASS
			5240	0.29	≤8	PASS
			5260	0.29	≤8	PASS
			5280	0.29	≤8	PASS
			5320	0.29	≤8	PASS
			5500	0.29	≤8	PASS
			5600	0.29	≤8	PASS
			5720	0.29	≤8	PASS
	11N40SI SO	Ant1	5190	0.27	≤8	PASS
			5230	0.27	≤8	PASS
			5270	0.27	≤8	PASS
			5310	0.27	≤8	PASS
			5510	0.26	≤8	PASS
			5590	0.27	≤8	PASS
	11AC20S ISO	Ant1	5710	0.27	≤8	PASS
			5180	0.30	≤8	PASS
			5200	0.30	≤8	PASS
			5240	0.29	≤8	PASS
			5260	0.29	≤8	PASS
			5280	0.29	≤8	PASS
			5320	0.29	≤8	PASS
			5500	0.30	≤8	PASS
	11AC40S ISO	Ant1	5600	0.30	≤8	PASS
			5720	0.29	≤8	PASS
			5190	0.27	≤8	PASS
			5230	0.30	≤8	PASS
			5270	0.28	≤8	PASS
			5310	0.27	≤8	PASS
	11AX20S ISO	Ant1	5510	0.27	≤8	PASS
			5590	0.28	≤8	PASS
			5710	0.27	≤8	PASS
			5180	0.26	≤8	PASS
			5200	0.26	≤8	PASS
			5240	0.26	≤8	PASS
			5260	0.26	≤8	PASS
			5280	0.26	≤8	PASS
	11AX40S ISO	Ant1	5320	0.26	≤8	PASS
			5500	0.26	≤8	PASS
			5600	0.26	≤8	PASS
			5720	0.26	≤8	PASS
			5190	0.24	≤8	PASS
		Ant1	5230	0.24	≤8	PASS
			5270	0.24	≤8	PASS
			5310	0.25	≤8	PASS
			5510	0.26	≤8	PASS

			5590	0.25	≤8	PASS
			5710	0.25	≤8	PASS

Please refer to the appendix G for test plots
The equipment met the requirement of this clause.

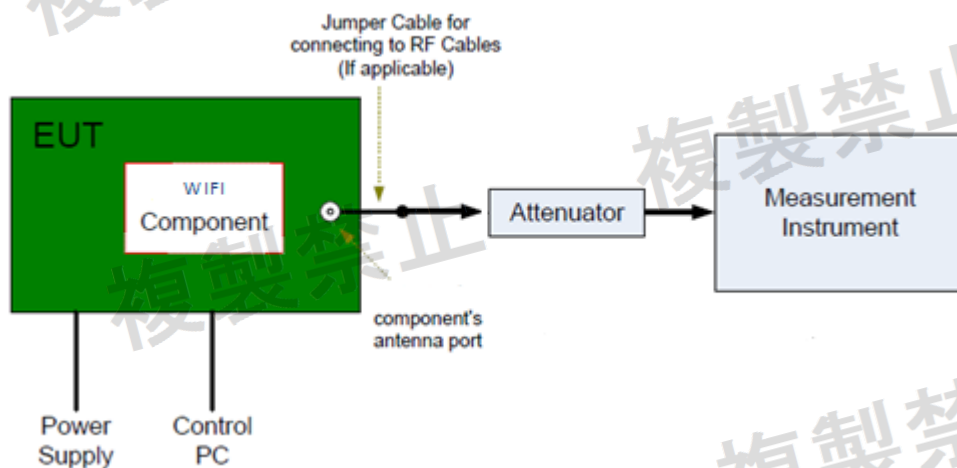
3.7 Secondary Radiated Emissions (Conducted) (For receiver)

Test Method:

17. Connect EUT test port to spectrum analyzer.
18. Set the EUT to transmit maximum output power at 5GHz.
19. Then set the EUT to transmit at Highest, Middle, and Lowest frequency separately.
20. Set RBW $\geq$ 1MHz, VBW $\geq$ RBW.
21. Set Sweep = auto.
22. Set Detector function = peak.
23. Allow the trace to stabilize.
24. Repeat above procedures until all frequencies measured were complete.

Test Setup:

The WIFI component's antenna ports(s) of the EUT are connected to the measurement instrument per an appropriate attenuator. The EUT is controlled by PC/software to emit the specified signals for the purpose of measurements.



3.7.1 Limit (ARIB STD-T71 V7.0)

Below 1GHz: 4nW or less
Above 1GHz: 20nW or less

3.7.2 Test Result

TestCondition	Test-Mode	Antenna	Freq(MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	11A	Ant1	5180	30~1000	771.08	-69.08	≤-54	0.12359	≤4	PASS
				1000~26000	25186.25	-61.27	≤-47	0.74645	≤20	PASS
			5200	30~1000	906.40	-69.66	≤-54	0.10814	≤4	PASS
				1000~26000	25722.50	-60.00	≤-47	1.00000	≤20	PASS
			5240	30~1000	723.55	-69.79	≤-54	0.10495	≤4	PASS
				1000~26000	2428.75	-56.91	≤-47	2.03704	≤20	PASS
			5260	30~1000	940.35	-68.89	≤-54	0.12912	≤4	PASS
				1000~26000	3778.75	-61.30	≤-47	0.74131	≤20	PASS
			5320	30~1000	916.10	-68.74	≤-54	0.13366	≤4	PASS
				1000~26000	2458.75	-48.80	≤-47	13.18257	≤20	PASS
			5500	30~1000	906.40	-68.24	≤-54	0.14997	≤4	PASS
				1000~26000	25982.50	-61.17	≤-47	0.76384	≤20	PASS
	11N20SI SO	Ant1	5180	30~1000	891.85	-69.32	≤-54	0.11695	≤4	PASS
				1000~26000	5788.75	-49.60	≤-47	10.96478	≤20	PASS
			5180	30~1000	901.55	-69.52	≤-54	0.11169	≤4	PASS
				1000~26000	25908.75	-60.13	≤-47	0.97051	≤20	PASS
			5200	30~1000	766.23	-69.09	≤-54	0.12331	≤4	PASS
				1000~26000	25765.00	-61.78	≤-47	0.66374	≤20	PASS
			5240	30~1000	715.31	-67.69	≤-54	0.17022	≤4	PASS
				1000~26000	24497.50	-60.63	≤-47	0.86497	≤20	PASS
			5260	30~1000	830.74	-69.05	≤-54	0.12445	≤4	PASS
				1000~26000	2430.00	-59.48	≤-47	1.12720	≤20	PASS
			5320	30~1000	897.67	-68.86	≤-54	0.13002	≤4	PASS
				1000~26000	25993.75	-59.44	≤-47	1.13763	≤20	PASS
			5500	30~1000	892.33	-68.99	≤-54	0.12618	≤4	PASS
				1000~26000	25677.50	-60.92	≤-47	0.80910	≤20	PASS
			5580	30~1000	870.51	-68.83	≤-54	0.13092	≤4	PASS
				1000~26000	25588.75	-60.79	≤-47	0.83368	≤20	PASS
			5720	30~1000	974.30	-69.03	≤-54	0.12503	≤4	PASS
				1000~26000	25935.00	-61.12	≤-47	0.77268	≤20	PASS
	11N40SI SO	Ant1	5190	30~1000	834.62	-69.42	≤-54	0.11429	≤4	PASS
				1000~26000	2420.00	-57.48	≤-47	1.78649	≤20	PASS
			5230	30~1000	787.09	-68.48	≤-54	0.14191	≤4	PASS
				1000~26000	5192.5	-52.08	≤-47	6.19441	≤20	PASS
			5270	30~1000	870.99	-68.90	≤-54	0.12882	≤4	PASS
				1000~26000	25300.00	-60.93	≤-47	0.80724	≤20	PASS
			5310	30~1000	755.08	-68.85	≤-54	0.13032	≤4	PASS
				1000~26000	2451.25	-58.82	≤-47	1.31220	≤20	PASS
			5510	30~1000	916.58	-69.37	≤-54	0.11561	≤4	PASS
				1000~26000	24363.75	-61.01	≤-47	0.79250	≤20	PASS
			5590	30~1000	844.80	-69.54	≤-54	0.11117	≤4	PASS
				1000~26000	25831.25	-60.63	≤-47	0.86497	≤20	PASS

			5670	30~1000	940.35	-68.67	≤-54	0.13583	≤4	PASS
				1000~26000	2448.75	-55.43	≤-47	2.86418	≤20	PASS
			5710	30~1000	865.17	-68.99	≤-54	0.12618	≤4	PASS
				1000~26000	25846.25	-61.07	≤-47	0.78163	≤20	PASS
	11AC20S ISO	Ant1	5180	30~1000	903.97	-69.34	≤-54	0.11641	≤4	PASS
				1000~26000	22623.75	-60.91	≤-47	0.81096	≤20	PASS
			5200	30~1000	919.01	-68.71	≤-54	0.13459	≤4	PASS
				1000~26000	25798.75	-59.83	≤-47	1.03992	≤20	PASS
			5240	30~1000	828.80	-68.87	≤-54	0.12972	≤4	PASS
				1000~26000	25970.00	-61.20	≤-47	0.75858	≤20	PASS
			5260	30~1000	952.96	-69.09	≤-54	0.12331	≤4	PASS
				1000~26000	25742.50	-60.66	≤-47	0.85901	≤20	PASS
			5280	30~1000	948.11	-69.54	≤-54	0.11117	≤4	PASS
				1000~26000	25937.50	-60.78	≤-47	0.83560	≤20	PASS
			5320	30~1000	705.61	-64.44	≤-54	0.35975	≤4	PASS
				1000~26000	25972.50	-60.48	≤-47	0.89536	≤20	PASS
			5500	30~1000	908.82	-68.44	≤-54	0.14322	≤4	PASS
				1000~26000	25757.50	-60.75	≤-47	0.84140	≤20	PASS
			5600	30~1000	705.12	-67.51	≤-54	0.17742	≤4	PASS
				1000~26000	25746.25	-59.70	≤-47	1.07152	≤20	PASS
			5720	30~1000	926.77	-68.54	≤-54	0.13996	≤4	PASS
				1000~26000	25908.75	-61.15	≤-47	0.76736	≤20	PASS
	11AC40S ISO	Ant1	5190	30~1000	908.82	-70.06	≤-54	0.09863	≤4	PASS
				1000~26000	25708.75	-61.45	≤-47	0.71614	≤20	PASS
			5230	30~1000	808.91	-69.20	≤-54	0.12023	≤4	PASS
				1000~26000	22556.25	-61.05	≤-47	0.78524	≤20	PASS
			5270	30~1000	928.22	-69.04	≤-54	0.12474	≤4	PASS
				1000~26000	25716.25	-60.18	≤-47	0.95940	≤20	PASS
			5310	30~1000	674.57	-68.43	≤-54	0.14355	≤4	PASS
				1000~26000	25675.00	-60.83	≤-47	0.82604	≤20	PASS
			5510	30~1000	887.48	-68.46	≤-54	0.14256	≤4	PASS
				1000~26000	22365.00	-61.07	≤-47	0.78163	≤20	PASS
			5550	30~1000	758.96	-68.97	≤-54	0.12677	≤4	PASS
				1000~26000	24228.75	-61.29	≤-47	0.74302	≤20	PASS
			5670	30~1000	852.08	-68.60	≤-54	0.13804	≤4	PASS
				1000~26000	24886.25	-61.22	≤-47	0.75509	≤20	PASS
			5710	30~1000	871.96	-69.11	≤-54	0.12274	≤4	PASS
				1000~26000	25892.50	-61.19	≤-47	0.76033	≤20	PASS

Please refer to the appendix F for test plots
The equipment met the requirement of this clause.

3.8 Carrier Sensing

3.8.1 Limit

Stop transmission while carrier detecting

Field intensity in the direction of the maximum gain of a receiving antenna: 100mV/m (It's a radiated testing detection threshold level).

The conducted detection threshold level shows as below:

(6)式の電界強度 E を既定値の 100mV/m ($100\text{dB}\mu\text{V/m}$) とし、 λ (m)を F (MHz) に変換し、 P を dBm 単位で表すと (7) 式を得る。

$$P[\text{dBm}] = 22.79 + G - 20\log F \quad \text{----- (7)}$$

P: 受信機のアンテナ端子に入力される受信電力 [dBm]

G: 受信アンテナの絶対利得 [dBi]

F: キャリア周波数 [MHz]

3.8.2 Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

Link EUT and Access Point to Directional Coupler input port. Link Signal Generator and Spectrum Analyzer to test port and output port in the Directional Coupler separately.

A positive Peak Detector function in Spectrum Analyzer must be used. Set the Span to Zero.

Press the Signal Generator on and it will output the Carrier Signal. When the Link breaks off, wait a minute and press the Signal Generator off. After a while, reset the Link and done the test.

3.8.3 TEST RESULTS

TestCondition	TestMode	Frequen- cy[MHz]	Power lever [dBm]	Verdict
NTNV	11a	5180	-49.957	PASS
		5200	-49.990	PASS
		5240	-50.057	PASS
		5260	-49.280	PASS
		5280	-49.313	PASS
		5320	-49.378	PASS
		5500	-48.517	PASS
		5600	-48.674	PASS
	ax40	5720	-48.858	PASS
		5190	-49.973	PASS
		5230	-50.040	PASS
		5270	-49.296	PASS
		5310	-49.362	PASS
		5510	-48.533	PASS
		5590	-48.658	PASS
		5710	-48.843	PASS

Signal Generator Power Level (dBm) = 22.79 + G - 20log10 (F)

G: Antenna Gain

F: operation frequency

3.9 Interference prevention function

3.9.1 Limit

Item	Limits
Identification Code	≥48 bits

Measuring ID code Software
MAC IP List: MAC Scan

3.9.2 Test Procedure

1. In the case that the EUT has the function of automatically transmitting the identification code: a. Transmit the predetermined identification codes from EUT. b. Check the transmitted identification codes with the demodulator.
2. In the case of receiving the identification code: a. Transmit the predetermined identification codes from the counterpart. b. Check if communication is normal. c. Transmit the signals other than predetermined ID codes from the counterpart. d. check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

3.9.3 Conditions of Equipment under Test

Required normal mode of the applicable equipment (EUT)

3.9.4 TEST RESULTS

The radio equipment has an identification code. A verification of this code is done before a communication channel is established

MAC: F4:1C:26:15:D4:AF

TEST RESULTS:PASS

End