

1. Information

1.1. Applicant

Tested date : 2018/5/9~2018/5/23

Issued date : 6/4/2018

Tested by : 
Charles Vergonio

Approved by : 
Andrew Ji

1.2. Testing Laboratory

Testing Laboratory	Fortinet, Inc.
Lab. Address	899 Kifer Road, Sunnyvale, CA 94086

1.3. Product

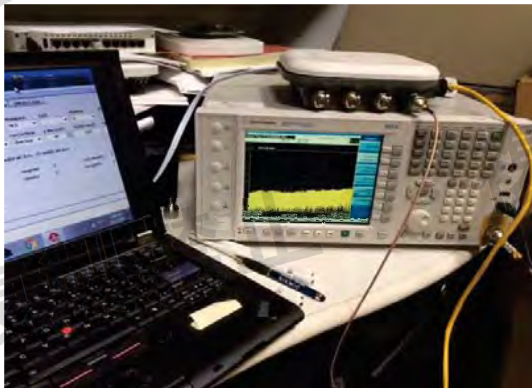
Model name	FAP-U422EV, FORTIAP-U422EV, FortiAP-U422EV
Classification of specified radio equipment	Certification Ordinance Article 2 Clause 1 Item 19-3, 19-3-2 5GHz Band Wideband Low-Power Data Communication System
Type of equipment	Master or Slave with TPC function
Support category	<input checked="" type="checkbox"/> 802.11a <input checked="" type="checkbox"/> 802.11n-HT20 <input checked="" type="checkbox"/> 802.11n-HT40 <input checked="" type="checkbox"/> 802.11ac-VHT80
Communication method	Simplex
Modulation technology	OFDM
Modulation method	BPSK, QPSK, 16QAM, 64QAM, 256QAM
Transmission data rate	See document
Type of emissions	D1D, G1D
Frequency range & number of channels	5180 ~ 5320MHz(20MHz interval 8 channels) & 5190, 5230, 5270, 5310MHz & 5210, 5290MHz& 5500 ~ 5700GHz(20MHz interval 11 channels) & 5510 ~ 5670GHz(40MHz interval 5 channels) & 5530, 5610MHz
Rated output power	See result
Channel bandwidth	20MHz & 40MHz & 80MHz system
Number of antennas	See result

1.4. Opinions and interpretations

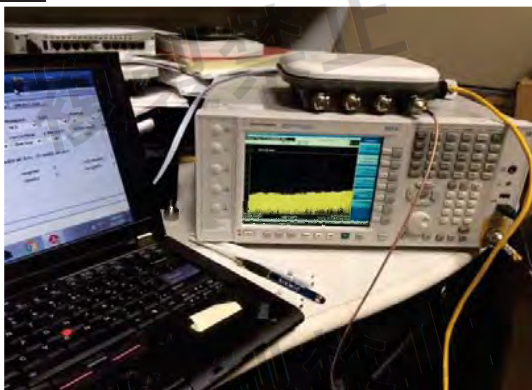
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2. Test Conditions Photograph

Measurement State



Connected Part



3. Measurement Equipment List

Use	Kind of Equipment	Model Name	Manufacturer	Serial No.	Calibration Authority	Cal Date	Cal Method
X	Spectrum Analyzer	N9020A	Keysight	MY50200737	Liberty Test Equipment	2017/5/19	C)
X	Signal Generator	E4438C	Keysight	MY45091078	Liberty Test Equipment	2018/2/26	C)
	Signal Generator	8340A	Keysight	2410A00545	Liberty Test Equipment	2018/3/4	C)
X	Horn Antenna	AH-118	Com-Power Corp	071361	Com-Power Corp	2017/7/3	C)

Note 1: "X" used equipment.

Note 2: The validity of measurement equipment is one year from the first day of the following month of the calibration date.

(e.g. If the calibration date is December 15th, 2014, measurement equipment can be used from December 15th, 2014 to December 31st, 2015.)

Note 3: Calibration Method

a): Calibration conducted by the National Institute of Information and Communications Technology(NICT)(hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1)

b): Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)

c): Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1)

d): Calibration conducted by using measuring instruments and other equipment listed in the right column of Table No. 3 attached hereto, which shall have been given any of calibration, etc. listed above from a) to c)

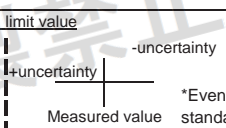
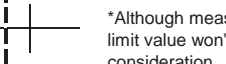
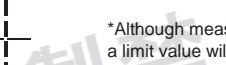
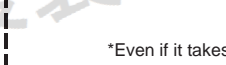
4. Measurement Uncertainty

*In this test, the influence of an error or uncertainty may be done according to the following factors.

- Bias of a measurement equipment, Change by aging, Attrition, Noise
- Skill and capability of an inspector
- Environment (Temperature, Humidity)
- Dispersion in a EUT (Equipment Under Test)
- Uncertainty of calibration of a measurement equipment

Therefore, Synthetic uncertainty is calculated using "k=2" of coverage factor, and about 95% of confidence level shall be obtained.

In consideration of the above, it judged as follows.

JUDGE	Measured value and Standard limit value	
PASS	Case1	 Standard limit value +uncertainty -uncertainty Measured value *Even if it takes uncertainty into consideration, a standard limit value is fulfilled.
	Case2	 *Although measured value is in a standard limit value, a limit value won't be fulfilled if uncertainty is taken into consideration.
FAIL	Case3	 *Although measured value exceeds a standard limit value, a limit value will be fulfilled if uncertainty is taken into consideration.
	Case4	 *Even if it takes uncertainty into consideration, a standard limit value isn't fulfilled.

5. Test Results

5.1. Testing Information

Type of application	<input checked="" type="checkbox"/> Type certificate
Input voltage	54 VDC (Rated voltage only)
Serial number	PU422E3X17000082
Ambient Temperature	22 °C
Relative Humidity	65 %
The reason why the tests are performed only at rated voltage	When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power supply).
Measurement was conducted by the following test method: The test method of Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment in Annex 1, the Ministry of Internal Affairs and Communication notification in Annex 45 of Article 88, Paragraph 1 or the test method more than equivalent.	

Modes	Channel	Tested Frequency
802.11a /n HT20 / ac VHT20	36	5180 MHz
	48	5240 MHz
	52	5260 MHz
	64	5320 MHz
	100	5500 MHz
	120	5600 MHz
802.11n HT40 / ac VHT40	140	5700 MHz
	38	5190 MHz
	46	5230 MHz
	54	5270 MHz
	62	5310 MHz
	102	5510 MHz
802.11ac VHT80	118	5590 MHz
	134	5670 MHz
	42	5210 MHz
	58	5290 MHz
	106	5530 MHz
	122	5610 MHz

5.2. Summary of Test Results

The radio equipment has been tested according to the following specifications:

Article 88 Paragraph 1, Appendix 45	ORRE reference	Report reference	Item	Result
Transmitter				
No.3	Article 5.	5.3.	Frequency Tolerance	Pass
No.4	Article 6.	5.4.	Occupied Bandwidth	Pass
No.5	Article 7.	5.5.	Spurious Emission or Unwanted Emission Intensity	Pass
No.6	Article 14	5.6.	Tolerance for Output Power	Pass
No.7	Article 49-20. 4)	5.7.	Adjacent Channel Leakage Power	Pass
No.7	Article 49-20. 4)	5.8.	Out-band Leakage Power	Pass
No.10	Article 49-20. 4)	5.9.	Burst Length of Transmitted Signals	Pass
Receiver				
No.8	Article 24. 2	5.10.	Limit of Secondary Radiated Emissions	Pass
Transmission Antenna				
Function				
No.9	Article 9-4. 8)	5.11.	Interference Prevention Function	Pass
No.11	Article 49-20. 4)	---	Transmission Power Control Function	*1
No.12	Article 49-20. 4)	5.11.	Carrier Sensing Function	Pass
No.27	Article 49-20. 4)	---	Dynamic Frequency Selection Function	*2
Condition for Frequency Stabilization				
No.1	Article 15. 1	5.1.	Voltage fluctuation	Comply
Etc.				

*1 : Refer to specification document

*2 : Refer to another report

ORRE : Ordinance Regulating Radio Equipment

N/A : Not Applicable

5.3. Frequency Tolerance

5.3.1. Limit

Tested Band	Limits
5GHz	-20ppm ≤, ≤ +20ppm

5.3.2 Test result (IEEE 802.11a/n/ac)

W52

Center Frequency (MHz)	TX	Measured Value (MHz)	Result (ppm)	Limit (ppm)	Verdict
5180	4	5179.925000000	-14.478764	± 20	Pass
5190	4	5189.975000000	-4.816956		Pass
5210	4	5209.940000000	-11.516315		Pass
5230	4	5229.975000000	-4.780115		Pass
5240	4	5239.940000000	-11.450382		Pass

W53

Center Frequency (MHz)	TX	Measured Value (MHz)	Result (ppm)	Limit (ppm)	Verdict
5260	4	5259.940000000	-11.406844	± 20	Pass
5270	4	5269.975000000	-4.743833		Pass
5290	4	5289.940000000	-11.342155		Pass
5310	4	5309.975000000	-4.708098		Pass
5320	4	5319.925000000	-14.097744		Pass

W56

Center Frequency (MHz)	TX	Measured Value (MHz)	Result (ppm)	Limit (ppm)	Verdict
5500	4	5499.960000000	-7.272727	± 20	Pass
5510	4	5509.940000000	-10.889292		Pass
5530	4	5529.940000000	-10.849910		Pass
5590	4	5589.910000000	-16.100179		Pass
5600	4	5599.940000000	-10.714286		Pass
5610	4	5609.940000000	-10.695187		Pass
5670	4	5669.910000000	-15.873016		Pass
5700	4	5699.980000000	-3.508772		Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

5.4. Occupied Bandwidth

5.4.1. Limit

Tested Band	Limits
W52 / W53	Modulation Method: Non-OFDM 20MHz System ≤ 18MHz
	Modulation Method: OFDM 20MHz System ≤ 19MHz
	Modulation Method: OFDM 40MHz System ≤ 38MHz
	Modulation Method: OFDM 80MHz System ≤ 78MHz
W56	20MHz System ≤ 19.7MHz 40MHz System ≤ 38MHz 80MHz System ≤ 78MHz

5.4.2 Test result (IEEE 802.11a/n/ac)

W52 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	TX	OBW Result (MHz)	Limit (MHz)	Verdict
5180	1	16.5881	≤ 19	Pass
	2	16.5655		Pass
	3	16.5656		Pass
	4	16.5669		Pass
	C	16.3529		Pass
5240	1	16.5785		Pass
	2	16.5650		Pass
	3	16.5801		Pass
	4	16.5627		Pass
	C	16.6284		Pass

W53 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	TX	OBW Result (MHz)	Limit (MHz)	Verdict
5260	1	16.5874	≤ 19	Pass
	2	16.5725		Pass
	3	16.5799		Pass
	4	16.5587		Pass
	C	16.8495		Pass
5320	1	16.5729		Pass
	2	16.5645		Pass
	3	16.5740		Pass
	4	16.5574		Pass
	C	16.9948		Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W56 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	TX	OBW Result (MHz)	Limit (MHz)	Verdict
5500	1	16.5937	≤ 19.7	Pass
	2	16.5676		Pass
	3	16.5793		Pass
	4	16.5713		Pass
	C	16.8539		Pass
5600	1	16.5902		Pass
	2	16.5669		Pass
	3	16.5680		Pass
	4	16.5885		Pass
	C	16.6938		Pass
5700	1	16.5983		Pass
	2	16.5755		Pass
	3	16.5647		Pass
	4	16.5655		Pass
	C	16.4932		Pass

W52 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	TX	OBW Result (MHz)	Limit (MHz)	Verdict
5180	1	17.7868	≤ 19	Pass
	2	17.7710		Pass
	3	17.7722		Pass
	4	17.7737		Pass
	C	17.4329		Pass
5240	1	17.7782		Pass
	2	17.7785		Pass
	3	17.7838		Pass
	4	17.7681		Pass
	C	17.4259		Pass

W53 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	TX	OBW Result (MHz)	Limit (MHz)	Verdict
5260	1	17.7845	≤ 19	Pass
	2	17.7768		Pass
	3	17.7815		Pass
	4	17.7724		Pass
	C	17.8437		Pass
5320	1	17.7684		Pass
	2	17.7747		Pass
	3	17.7798		Pass
	4	17.7718		Pass
	C	17.8113		Pass

W56 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	TX	OBW Result (MHz)	Limit (MHz)	Verdict
5500	1	17.7921	≤ 19.7	Pass
	2	17.7700		Pass
	3	17.7956		Pass
	4	17.7752		Pass
	C	17.8306		Pass
5600	1	17.7908		Pass
	2	17.7696		Pass
	3	17.7774		Pass
	4	17.7746		Pass
	C	17.7771		Pass
5700	1	17.7925		Pass
	2	17.7830		Pass
	3	17.7764		Pass
	4	17.7741		Pass
	C	17.7323		Pass

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S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

C	35.7079	Pass
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W52 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	TX	OBW Result (MHz)	Limit (MHz)	Verdict
5190	1	36.2340	≤ 38	Pass
	2	36.2214		Pass
	3	36.2171		Pass
	4	36.2498		Pass
	C	35.9377		Pass
5230	1	36.1994		Pass
	2	36.2122		Pass
	3	36.2369		Pass
	4	36.1965		Pass
	C	35.9844		Pass

W53 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	TX	OBW Result (MHz)	Limit (MHz)	Verdict
5270	1	36.2385	≤ 38	Pass
	2	36.2112		Pass
	3	36.2109		Pass
	4	36.2488		Pass
	C	35.6901		Pass
5310	1	36.2125		Pass
	2	36.2287		Pass
	3	36.2240		Pass
	4	36.2145		Pass
	C	35.7646		Pass

W56 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	TX	OBW Result (MHz)	Limit (MHz)	Verdict
5510	1	36.2748	≤ 38	Pass
	2	36.2346		Pass
	3	36.2373		Pass
	4	36.2750		Pass
	C	35.8143		Pass
5590	1	36.2608		Pass
	2	36.2291		Pass
	3	36.2585		Pass
	4	36.2584		Pass
	C	35.5452		Pass
5670	1	36.2327		Pass
	2	36.2259		Pass
	3	36.2556		Pass
	4	36.2557		Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W52 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	TX	OBW Result (MHz)	Limit (MHz)	Verdict
5210	1	74.9903	≤ 78	Pass
	2	74.8612		Pass
	3	74.9184		Pass
	4	75.0102		Pass
	C	73.5278		Pass

W53 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	TX	OBW Result (MHz)	Limit (MHz)	Verdict
5290	1	75.7617	≤ 78	Pass
	2	75.6736		Pass
	3	75.6631		Pass
	4	75.7639		Pass
	C	75.1491		Pass

W56 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	TX	OBW Result (MHz)	Limit (MHz)	Verdict
5530	1	75.6946	≤ 78	Pass
	2	75.8082		Pass
	3	75.7049		Pass
	4	75.7424		Pass
	C	74.5046		Pass
5610	1	75.7959	≤ 78	Pass
	2	75.7986		Pass
	3	75.7031		Pass
	4	75.8113		Pass
	C	74.9582		Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

5.5. Spurious Emission or Unwanted Emission Intensity

5.5.1. Limit

Tested Band	Limits
W52 / W53	Occupied Bandwidth ≤ 18MHz (20MHz System) 30MHz ~ 5140MHz, 5360MHz ~ 26000MHz ≤ 2.5 μW/MHz
	18MHz < Occupied Bandwidth ≤ 19MHz (20MHz System) 30MHz ~ 5135MHz, 5365MHz ~ 26000MHz ≤ 2.5 μW/MHz
	Occupied Bandwidth ≤ 38MHz (40MHz System) 30MHz ~ 5100MHz, 5400MHz ~ 26000MHz ≤ 2.5 μW/MHz
	Occupied Bandwidth ≤ 78MHz (80MHz System) 30MHz ~ 5020MHz, 5480MHz ~ 26000MHz ≤ 2.5 μW/MHz

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Tested Band	Limits
W56	Modulation Method: Non-OFDM 20MHz System 30MHz ~ 5460MHz, 5740MHz ~ 26000MHz ≤ 2.5 μW/MHz
	Modulation Method: OFDM 20MHz System 30MHz ~ 5455MHz, 5745MHz ~ 26000MHz ≤ 2.5 μW/MHz
	Modulation Method: OFDM 40MHz System 30MHz ~ 5420MHz, 5760MHz ~ 26000MHz ≤ 2.5 μW/MHz
	Modulation Method: OFDM 80MHz System 30MHz ~ 5340MHz, 5800MHz ~ 26000MHz ≤ 2.5 μW/MHz

5.5.2 Test result (IEEE 802.11a/n/ac)

W52 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5180	1	3062.370000	0.013000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
	2	24184.120000	0.119000	≤ 0.625	Pass	*4
		5135.000000	0.024000	≤ 0.625	Pass	*1
				≤ --	--	*2
	3			≤ --	--	*3
		25133.330000	0.139000	≤ 0.625	Pass	*4
		4889.960000	0.014000	≤ 0.625	Pass	*1
	4			≤ --	--	*2
		25793.650000	0.141000	≤ 0.625	Pass	*3
		5094.160000	0.026000	≤ 0.625	Pass	*4
	W			≤ --	--	*1
				≤ --	--	*2
				≤ --	--	*3
		25050.790000	0.113000	≤ 0.625	Pass	*4
		5094.160000	0.104000	≤ 2.5	Pass	*1
		--	--	≤ --	--	*2
		--	--	≤ --	--	*3
		25793.650000	0.564000	≤ 2.5	Pass	*4

- *1 Measurement Range : 30MHz ~ 5135MHz
 *2 Measurement Range : 5135MHz ~ 5140MHz
 *3 Measurement Range : 5360MHz ~ 5365MHz
 *4 Measurement Range : 5365MHz ~ 26000MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
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Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5240	1	3103.210000	0.014000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25876.190000	0.121000	≤ 0.625	Pass	*4
	2	3271.675000	0.014000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25133.330000	0.127000	≤ 0.625	Pass	*4
	3	3179.785000	0.014000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25071.425000	0.120000	≤ 0.625	Pass	*4
	4	3167.470000	0.014000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		24844.440000	0.105000	≤ 0.625	Pass	*4
	W	3103.210000	0.056000	≤ 2.5	Pass	*1
		--	--	≤ --	--	*2
		--	--	≤ --	--	*3
		25133.330000	0.508000	≤ 2.5	Pass	*4

- *1 Measurement Range : 30MHz ~ 5135MHz
 *2 Measurement Range : 5135MHz ~ 5140MHz
 *3 Measurement Range : 5360MHz ~ 5365MHz
 *4 Measurement Range : 5365MHz ~ 26000MHz

W53 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5260	1	3164.470000	0.014000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		24947.615000	0.134000	≤ 0.625	Pass	*4
	2	3113.420000	0.016000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25711.110000	0.124000	≤ 0.625	Pass	*4
	3	4966.535000	0.012000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25215.870000	0.104000	≤ 0.625	Pass	*4
	4	3378.880000	0.010000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		24803.170000	0.105000	≤ 0.625	Pass	*4
	W	3113.420000	0.064000	≤ 2.5	Pass	*1
		--	--	≤ --	--	*2
		--	--	≤ --	--	*3
		24947.615000	0.536000	≤ 2.5	Pass	*4

- *1 Measurement Range : 30MHz ~ 5135MHz
 *2 Measurement Range : 5135MHz ~ 5140MHz
 *3 Measurement Range : 5360MHz ~ 5365MHz
 *4 Measurement Range : 5365MHz ~ 26000MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5320	1	2791.805000	0.011000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25793.650000	0.106000	≤ 0.625	Pass	*4
	2	3108.315000	0.012000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25112.695000	0.163000	≤ 0.625	Pass	*4
	3	3133.840000	0.013000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		24988.885000	0.137000	≤ 0.625	Pass	*4
	4	3297.200000	0.015000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25628.570000	0.111000	≤ 0.625	Pass	*4
	W	3297.200000	0.060000	≤ 2.5	Pass	*1
		--	--	≤ --	--	*2
		--	--	≤ --	--	*3
		25112.695000	0.652000	≤ 2.5	Pass	*4

- *1 Measurement Range : 30MHz ~ 5135MHz
 *2 Measurement Range : 5135MHz ~ 5140MHz
 *3 Measurement Range : 5360MHz ~ 5365MHz
 *4 Measurement Range : 5365MHz ~ 26000MHz

W56 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5500	1	5335.650000	0.140000	≤ 2.5	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		24258.070000	0.116000	≤ 2.5	Pass	*4
	2	5341.075000	0.084000	≤ 2.5	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		24217.560000	0.114000	≤ 2.5	Pass	*4
	3	5335.650000	0.090000	≤ 2.5	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25594.900000	0.128000	≤ 2.5	Pass	*4
	4	5341.075000	0.074000	≤ 2.5	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25372.095000	0.113000	≤ 2.5	Pass	*4
	W	5335.650000	0.140000	≤ 2.5	Pass	*1
		--	--	≤ --	--	*2
		--	--	≤ --	--	*3
5600	1	25594.900000	0.128000	≤ 2.5	Pass	*4
		5433.300000	0.089000	≤ 2.5	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
	2	25615.155000	0.119000	≤ 2.5	Pass	*4
		5433.300000	0.075000	≤ 2.5	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
	3	25412.605000	0.148000	≤ 2.5	Pass	*4
		5444.150000	0.078000	≤ 2.5	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
	4	25088.525000	0.127000	≤ 2.5	Pass	*4
				≤ --	--	*1
				≤ --	--	*2
				≤ --	--	*3
	W	25372.095000	0.143000	≤ 2.5	Pass	*4
		5433.300000	0.089000	≤ 2.5	Pass	*1
		--	--	≤ --	--	*2
		--	--	≤ --	--	*3
		25412.605000	0.148000	≤ 2.5	Pass	*4

- *1 Measurement Range : 30MHz ~ 5455MHz
 *2 Measurement Range : 5455MHz ~ 5460MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

*3 Measurement Range : 5740MHz ~ 5745MHz
*4 Measurement Range : 5745MHz ~ 26000MHz

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5700	1	5455.000000	0.058000	≤ 2.5	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
	2	25007.505000	0.140000	≤ 2.5	Pass	*4
		5455.000000	0.079000	≤ 2.5	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25493.625000	0.178000	≤ 2.5	Pass	*4
	3	5455.000000	0.055000	≤ 2.5	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
	4	25210.055000	0.131000	≤ 2.5	Pass	*4
		5455.000000	0.048000	≤ 2.5	Pass	*1
				≤ --	--	*2
	W			≤ --	--	*3
		25088.525000	0.145000	≤ 2.5	Pass	*4
		5455.000000	0.079000	≤ 2.5	Pass	*1
		--	--	≤ --	--	*2
		--	--	≤ --	--	*3
		25493.625000	0.178000	≤ 2.5	Pass	*4

*1 Measurement Range : 30MHz ~ 5455MHz
*2 Measurement Range : 5455MHz ~ 5460MHz
*3 Measurement Range : 5740MHz ~ 5745MHz
*4 Measurement Range : 5745MHz ~ 26000MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W52 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5180	1	3154.260000	0.013000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		255587.300000	0.129000	≤ 0.625	Pass	*4
	2	3195.100000	0.014000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25525.395000	0.117000	≤ 0.625	Pass	*4
	3	3149.155000	0.013000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25071.425000	0.129000	≤ 0.625	Pass	*4
	4	301132.000000	0.013000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25896.825000	0.131000	≤ 0.625	Pass	*4
	W	3195.100000	0.056000	≤ 2.5	Pass	*1
		--	--	≤ --	--	*2
		--	--	≤ --	--	*3
		25896.825000	0.524000	≤ 2.5	Pass	*4

- *1 Measurement Range : 30MHz ~ 5135MHz
 *2 Measurement Range : 5135MHz ~ 5140MHz
 *3 Measurement Range : 5360MHz ~ 5365MHz
 *4 Measurement Range : 5365MHz ~ 26000MHz

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5240	1	3082.790000	0.012000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25422.220000	0.123000	≤ 0.625	Pass	*4
	2	3184.890000	0.014000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25504.760000	0.125000	≤ 0.625	Pass	*4
	3	4946.115000	0.012000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25442.855000	0.153000	≤ 0.625	Pass	*4
	4	3016.425000	0.014000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25401.585000	0.127000	≤ 0.625	Pass	*4
	W	3184.890000	0.056000	≤ 2.5	Pass	*1
		--	--	≤ --	--	*2
		--	--	≤ --	--	*3
		25442.855000	0.612000	≤ 2.5	Pass	*4

- *1 Measurement Range : 30MHz ~ 5135MHz
 *2 Measurement Range : 5135MHz ~ 5140MHz
 *3 Measurement Range : 5360MHz ~ 5365MHz
 *4 Measurement Range : 5365MHz ~ 26000MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W53 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5260	1	3210.415000	0.013000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		24988.885000	0.124000	≤ 0.625	Pass	*4
	2	3057.265000	0.013000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25752.380000	0.114000	≤ 0.625	Pass	*4
	3	3251.255000	0.012000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25690.475000	0.106000	≤ 0.625	Pass	*4
	4	3251.255000	0.012000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25030.155000	0.118000	≤ 0.625	Pass	*4
	W	3210.415000	0.052000	≤ 2.5	Pass	*1
		--	--	≤ --	--	*2
		--	--	≤ --	--	*3
		24988.885000	0.496000	≤ 2.5	Pass	*4

- *1 Measurement Range : 30MHz ~ 5135MHz
 *2 Measurement Range : 5135MHz ~ 5140MHz
 *3 Measurement Range : 5360MHz ~ 5365MHz
 *4 Measurement Range : 5365MHz ~ 26000MHz

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5320	1	3087.895000	0.012000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25525.395000	0.153000	≤ 0.625	Pass	*4
	2	2985.795000	0.011000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		24988.885000	0.139000	≤ 0.625	Pass	*4
	3	3149.155000	0.014000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25587.300000	0.119000	≤ 0.625	Pass	*4
	4	3292.095000	0.012000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25112.695000	0.160000	≤ 0.625	Pass	*4
	W	3149.155000	0.056000	≤ 2.5	Pass	*1
		--	--	≤ --	--	*2
		--	--	≤ --	--	*3
		25112.695000	0.640000	≤ 2.5	Pass	*4

- *1 Measurement Range : 30MHz ~ 5135MHz
 *2 Measurement Range : 5135MHz ~ 5140MHz
 *3 Measurement Range : 5360MHz ~ 5365MHz
 *4 Measurement Range : 5365MHz ~ 26000MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

*3 Measurement Range : 5740MHz ~ 5745MHz
*4 Measurement Range : 5745MHz ~ 26000MHz

W56 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5500	1	5335.650000	0.101000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25959.490000	0.128000	≤ 0.625	Pass	*4
	2	5346.500000	0.047900	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25817.705000	0.122000	≤ 0.625	Pass	*4
	3	5335.650000	0.087000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25615.155000	0.110000	≤ 0.625	Pass	*4
	4	5341.075000	0.092000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25554.390000	0.144000	≤ 0.625	Pass	*4
	W	5335.650000	0.404000	≤ 2.5	Pass	*1
		--	--	≤ --	--	*2
		--	--	≤ --	--	*3
		25554.390000	0.576000	≤ 2.5	Pass	*4
5600	1	5438.725000	0.009100	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		24258.070000	0.103000	≤ 0.625	Pass	*4
	2	5444.150000	0.108000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25412.605000	0.137000	≤ 0.625	Pass	*4
	3	5444.150000	0.084000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		24987.250000	0.127000	≤ 0.625	Pass	*4
	4	5449.575000	0.024000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25432.860000	0.147000	≤ 0.625	Pass	*4
	W	5444.150000	0.432000	≤ 2.5	Pass	*1
		--	--	≤ --	--	*2
		--	--	≤ --	--	*3
		25432.860000	0.588000	≤ 2.5	Pass	*4

*1 Measurement Range : 30MHz ~ 5455MHz

*2 Measurement Range : 5455MHz ~ 5460MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5700	1	5455.000000	0.067000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25088.525000	0.140000	≤ 0.625	Pass	*4
	2	5455.000000	0.100000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25615.155000	0.122000	≤ 0.625	Pass	*4
	3	5455.000000	0.065000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25534.135000	0.130000	≤ 0.625	Pass	*4
	4	5455.000000	0.054000	≤ 0.625	Pass	*1
				≤ --	--	*2
				≤ --	--	*3
		25412.605000	0.114000	≤ 0.625	Pass	*4
	W	5455.000000	0.400000	≤ 2.5	Pass	*1
		--	--	≤ --	--	*2
		--	--	≤ --	--	*3
		25088.525000	0.560000	≤ 2.5	Pass	*4

- *1 Measurement Range : 30MHz ~ 5455MHz
 *2 Measurement Range : 5455MHz ~ 5460MHz
 *3 Measurement Range : 5740MHz ~ 5745MHz
 *4 Measurement Range : 5745MHz ~ 26000MHz

W52 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5190	1	3300.150000	0.011000	≤ 0.625	Pass	*1
		25093.600000	0.143000	≤ 0.625	Pass	*2
	2	3178.470000	0.014000	≤ 0.625	Pass	*1
		25443.800000	0.129000	≤ 0.625	Pass	*2
	3	3026.370000	0.012000	≤ 0.625	Pass	*1
		25402.600000	0.121000	≤ 0.625	Pass	*2
	4	3325.500000	0.011000	≤ 0.625	Pass	*1
		25938.200000	0.122000	≤ 0.625	Pass	*2
5230	W	3178.470000	0.056000	≤ 2.5	Pass	*1
		25093.600000	0.572000	≤ 2.5	Pass	*2
	1	3158.190000	0.016000	≤ 0.625	Pass	*1
		25443.800000	0.118000	≤ 0.625	Pass	*2
	2	5054.370000	0.016000	≤ 0.625	Pass	*1
		24908.200000	0.112000	≤ 0.625	Pass	*2
	3	2646.120000	0.016000	≤ 0.625	Pass	*1
		25402.600000	0.150000	≤ 0.625	Pass	*2
	4	2747.520000	0.012000	≤ 0.625	Pass	*1
		25031.800000	0.125000	≤ 0.625	Pass	*2
	W	3158.190000	0.064000	≤ 2.5	Pass	*1
		25402.600000	0.600000	≤ 2.5	Pass	*2

- *1 Measurement Range : 30MHz ~ 5100MHz
 *2 Measurement Range : 5400MHz ~ 26000MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W53 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5270	1	2565.000000	0.012000	≤ 0.625	Pass	*1
		24331.400000	0.099000	≤ 0.625	Pass	*2
	2	3036.510000	0.014000	≤ 0.625	Pass	*1
		25835.200000	0.110000	≤ 0.625	Pass	*2
	3	3112.560000	0.013000	≤ 0.625	Pass	*1
		25835.200000	0.115000	≤ 0.625	Pass	*2
	4	3163.260000	0.014000	≤ 0.625	Pass	*1
		24925.800000	0.119000	≤ 0.625	Pass	*2
	W	3036.510000	0.056000	≤ 2.5	Pass	*1
		24925.800000	0.476000	≤ 2.5	Pass	*2
5310	1	3026.370000	0.011000	≤ 0.625	Pass	*1
		24990.600000	0.139000	≤ 0.625	Pass	*2
	2	3183.540000	0.015000	≤ 0.625	Pass	*1
		25443.800000	0.145000	≤ 0.625	Pass	*2
	3	2605.560000	0.011000	≤ 0.625	Pass	*1
		24908.200000	0.149000	≤ 0.625	Pass	*2
	4	3295.080000	0.013000	≤ 0.625	Pass	*1
		24722.800000	0.109000	≤ 0.625	Pass	*2
	W	3183.540000	0.060000	≤ 2.5	Pass	*1
		24908.200000	0.596000	≤ 2.5	Pass	*2

*1 Measurement Range : 30MHz ~ 5420MHz

*2 Measurement Range : 5760MHz ~ 26000MHz

W56 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5510	1	5344.540000	0.071000	≤ 0.625	Pass	*1
		24927.280000	0.117000	≤ 0.625	Pass	*2
	2	5339.150000	0.055000	≤ 0.625	Pass	*1
		25048.720000	0.142000	≤ 0.625	Pass	*2
	3	5339.150000	0.064000	≤ 0.625	Pass	*1
		25149.920000	0.129000	≤ 0.625	Pass	*2
	4	5339.150000	0.058000	≤ 0.625	Pass	*1
		24988.000000	0.123000	≤ 0.625	Pass	*2
	W	5344.540000	0.284000	≤ 2.5	Pass	*1
		25048.720000	0.568000	≤ 2.5	Pass	*2
5590	1	5420.000000	0.073000	≤ 0.625	Pass	*1
		25332.080000	0.119000	≤ 0.625	Pass	*2
	2	5420.000000	0.079000	≤ 0.625	Pass	*1
		25230.880000	0.115000	≤ 0.625	Pass	*2
	3	5415.610000	0.048000	≤ 0.625	Pass	*1
		24988.000000	0.115000	≤ 0.625	Pass	*2
	4	5420.000000	0.048000	≤ 0.625	Pass	*1
		25068.960000	0.124000	≤ 0.625	Pass	*2
	W	5420.000000	0.316000	≤ 2.5	Pass	*1
		25068.960000	0.496000	≤ 2.5	Pass	*2
5670	1	3140.030000	0.013000	≤ 0.625	Pass	*1
		24846.320000	0.104000	≤ 0.625	Pass	*2
	2	3274.780000	0.014000	≤ 0.625	Pass	*1
		24927.250000	0.165000	≤ 0.625	Pass	*2
	3	5415.610000	0.022000	≤ 0.625	Pass	*1
		25817.840000	0.166000	≤ 0.625	Pass	*2
	4	3140.060000	0.012000	≤ 0.625	Pass	*1
		25453.520000	0.147000	≤ 0.625	Pass	*2
	W	5415.610000	0.088000	≤ 2.5	Pass	*1
		25817.840000	0.664000	≤ 2.5	Pass	*2

*1 Measurement Range : 30MHz ~ 5455MHz

*2 Measurement Range : 5455MHz ~ 5460MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W52 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5210	1	2584.880000	0.011800	≤ 0.625	Pass	*1
		25979.480000	0.124500	≤ 0.625	Pass	*2
	2	3123.800000	0.016600	≤ 0.625	Pass	*1
		25097.120000	0.119300	≤ 0.625	Pass	*2
	3	3088.870000	0.012700	≤ 0.625	Pass	*1
		25528.040000	0.114100	≤ 0.625	Pass	*2
	4	2679.690000	0.012800	≤ 0.625	Pass	*1
		25138.160000	0.140600	≤ 0.625	Pass	*2
	W	3123.800000	0.066400	≤ 2.5	Pass	*1
		25138.160000	0.562400	≤ 2.5	Pass	*2

*1 Measurement Range : 30MHz ~ 5020MHz

*2 Measurement Range : 5480MHz ~ 26000MHz

W53 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5290	1	2874.300000	0.010700	≤ 0.625	Pass	*1
		25097.120000	0.149000	≤ 0.625	Pass	*2
	2	3188.670000	0.013000	≤ 0.625	Pass	*1
		25220.240000	0.112400	≤ 0.625	Pass	*2
	3	2754.540000	0.012700	≤ 0.625	Pass	*1
		24953.480000	0.124720	≤ 0.625	Pass	*2
	4	3258.530000	0.015500	≤ 0.625	Pass	*1
		25979.480000	0.108500	≤ 0.625	Pass	*2
	W	3258.530000	0.062000	≤ 2.5	Pass	*1
		25097.120000	0.596000	≤ 2.5	Pass	*2

*1 Measurement Range : 30MHz ~ 5020MHz

*2 Measurement Range : 5480MHz ~ 26000MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W56 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	TX	Measured Freq (MHz)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5530	1	5334.690000	0.492000	≤ 0.625	Pass	*1
		25454.600000	0.140800	≤ 0.625	Pass	*2
	2	5334.690000	0.079300	≤ 0.625	Pass	*1
		24626.400000	0.127420	≤ 0.625	Pass	*2
	3	5292.210000	0.021200	≤ 0.625	Pass	*1
		25474.800000	0.131500	≤ 0.625	Pass	*2
	4	5276.280000	0.021200	≤ 0.625	Pass	*1
		25596.000000	0.146700	≤ 0.625	Pass	*2
	W	5334.690000	1.968000	≤ 2.5	Pass	*1
		25596.000000	0.586800	≤ 2.5	Pass	*2
5610	1	3019.530000	0.012800	≤ 0.625	Pass	*1
		25434.400000	0.157400	≤ 0.625	Pass	*2
	2	2546.940000	0.012500	≤ 0.625	Pass	*1
		25313.200000	0.148800	≤ 0.625	Pass	*2
	3	3157.590000	0.014400	≤ 0.625	Pass	*1
		25535.400000	0.128500	≤ 0.625	Pass	*2
	4	3051.390000	0.013600	≤ 0.625	Pass	*1
		25151.600000	0.120900	≤ 0.625	Pass	*2
	W	3157.590000	0.057600	≤ 2.5	Pass	*1
		25434.400000	0.629600	≤ 2.5	Pass	*2

*1 Measurement Range : 30MHz ~ 5340MHz

*2 Measurement Range : 5800MHz ~ 26000MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

5.6. Tolerance for Output Power

5.6.1. Limit

Items	Modulation Method	Limits of Rated Output
Rated Output	OFDM	<W52 / W53> Occupied Bandwidth ≤ 19MHz ≤ 10 mW/MHz 19MHz < Occupied Bandwidth ≤ 38MHz ≤ 5 mW/MHz 38MHz < Occupied Bandwidth ≤ 78MHz ≤ 2.5 mW/MHz
		<W56> Occupied Bandwidth ≤ 19.7MHz ≤ 10 mW/MHz 19.7MHz < Occupied Bandwidth ≤ 38MHz ≤ 5 mW/MHz 38MHz < Occupied Bandwidth ≤ 78MHz ≤ 2.5 mW/MHz

Items	Tested Band	Limits of E.I.R.P.
E.I.R.P.*	W52	Occupied Bandwidth ≤ 19MHz ≤ 10 mW/MHz (10.0 dBm/MHz) 19MHz < Occupied Bandwidth ≤ 38MHz ≤ 5 mW/MHz (6.9897 dBm/MHz) 38MHz < Occupied Bandwidth ≤ 78MHz ≤ 2.5 mW/MHz (3.9794 dBm/MHz)
	W53	Occupied Bandwidth ≤ 19MHz ≤ 10 mW/MHz (10.0 dBm/MHz) (i) ≤ 5 mW/MHz (6.9897 dBm/MHz) (ii) 0 19MHz 0 ≤ 5 mW/MHz (6.9897 dBm/MHz) (i) ≤ 2.5 mW/MHz (3.9794 dBm/MHz) (ii) 38MHz < Occupied Bandwidth ≤ 78MHz ≤ 2.5 mW/MHz (3.9794 dBm/MHz) (i) ≤ 1.25 mW/MHz (0.9691 dBm/MHz) (ii) #
	W56	Occupied Bandwidth ≤ 19.7MHz ≤ 50 mW/MHz (16.9897 dBm/MHz) (i) ≤ 25 mW/MHz (13.9794 dBm/MHz) (ii) 19.7MHz < Occupied Bandwidth ≤ 38MHz ≤ 25 mW/MHz (13.9794 dBm/MHz) (i) ≤ 12.5 mW/MHz (10.9691 dBm/MHz) (ii) 38MHz < Occupied Bandwidth ≤ 78MHz ≤ 12.5 mW/MHz (10.9691 dBm/MHz) (i) ≤ 6.25 mW/MHz (7.9588 dBm/MHz) (ii)

* E.I.R.P. [mW/MHz] = 10^((Rated Output [dBm/MHz] + Antenna Gain [dBi])/10)
(i) With TPC Function (ii) Without TPC Function

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Items	Tested Band	Limits of Tolerance
Tolerance	W52 / W53	Upper / Lower +20% ~ -80% (Base on rated output power)
	W56	Upper / Lower +50% ~ -50% (Base on rated output power)

5.6.2 Test result (IEEE 802.11a/n/ac)

W52 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	TX	Total Power (dBm)	Result (*) (mW/MHz)	Ant Gain (dBi)	E.I.R.P. (mW/MHz)	Duty Cycle (%)	Verdict
5180	1	7.11	0.38	8.000	2.3787	99.900%	--
	2	7.53	0.42	8.000	2.6185	99.900%	--
	3	7.24	0.39	8.000	2.4355	99.900%	--
	4	7.45	0.41	8.000	2.5617	99.900%	--
	S	13.36	1.58	8.000	9.9944	99.900%	Pass
5240	1	7.52	0.40	8.000	2.4923	99.900%	--
	2	7.34	0.39	8.000	2.4292	99.900%	--
	3	7.09	0.37	8.000	2.3535	99.900%	--
	4	7.48	0.39	8.000	2.4670	99.900%	--
	S	13.38	1.54	8.000	9.7420	99.900%	Pass

(*) The correction value of "Duty Cycle" is included.

Tolerance [W52 : OFDM 20MHz System (IEEE 802.11a)]

Center Frequency (MHz)	TX	Result (mW/MHz)	Rated Output (mW/MHz)	Tolerance (%)	Limit (%)	Verdict
5180	S	1.5840	1.55	+2.194	Upper / Lower +20 ~ -80	Pass
5240	S	1.5440	1.55	-0.387		Pass

Center Frequency (MHz)	TX	Rated Output (dBm/MHz)	Ant Gain (dBi)	Rated E.I.R.P. (dBm/MHz)	Limit (dBm/MHz)	Verdict
5180	S	1.9033	8.000	9.903	≤ 10.0	Pass
5240	S	1.9033	8.000	9.903		Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W53 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	TX	Total Power (dBm)	Result (*) (mW/MHz)	Ant Gain (dBi)	E.I.R.P. (mW/MHz)	Duty Cycle (%)	Verdict
5260	1	7.53	0.41	8.000	2.5554	99.900%	--
	2	7.47	0.40	8.000	2.4923	99.900%	--
	3	7.56	0.40	8.000	2.5491	99.900%	--
	4	7.16	0.37	8.000	2.3345	99.900%	--
	S	13.45	1.57	8.000	9.9313	99.900%	Pass
5320	1	7.47	0.38	8.000	2.4229	99.900%	--
	2	7.60	0.39	8.000	2.4860	99.900%	--
	3	7.58	0.39	8.000	2.4670	99.900%	--
	4	7.54	0.39	8.000	2.4544	99.900%	--
	S	13.57	1.56	8.000	9.8303	99.900%	Pass

(*) The correction value of "Duty Cycle" is included.

Tolerance [W53 : OFDM 20MHz System (IEEE 802.11a)]

Center Frequency (MHz)	TX	Result (mW/MHz)	Rated Output (mW/MHz)	Tolerance (%)	Limit (%)	Verdict
5260	S	1.5740	1.55	+1.548	Upper / Lower	Pass
5320	S	1.5580	1.55	+0.516	+20 ~ -80	Pass

Center Frequency (MHz)	TX	Rated Output (dBm/MHz)	Ant Gain (dBi)	Rated E.I.R.P. (dBm/MHz)	Limit (dBm/MHz)	Verdict
5260	S	1.9033	8.000	9.903	≤ 10.0	Pass
5320	S	1.9033	8.000	9.903		Pass

W56 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	TX	Total Power (dBm)	Result (*) (mW/MHz)	Ant Gain (dBi)	E.I.R.P. (mW/MHz)	Duty Cycle (%)	Verdict
5500	1	14.55	2.005	8.000	12.6526	99.900%	--
	2	14.65	2.009	8.000	12.6753	99.900%	--
	3	14.03	1.692	8.000	10.6733	99.900%	--
	4	14.68	1.993	8.000	12.5750	99.900%	--
	S	20.50	7.70	8.000	48.5761	99.900%	Pass
5600	1	14.78	2.078	8.000	13.1081	99.900%	--
	2	14.64	2.098	8.000	13.2343	99.900%	--
	3	14.09	1.802	8.000	11.3686	99.900%	--
	4	14.41	1.911	8.000	12.0595	99.900%	--
	S	20.51	7.89	8.000	49.7705	99.900%	Pass
5700	1	14.41	1.945	8.000	12.2696	99.900%	--
	2	14.58	2.094	8.000	13.2141	99.900%	--
	3	13.90	1.800	8.000	11.3579	99.900%	--
	4	14.72	1.952	8.000	12.3182	99.900%	--
	S	20.43	7.79	8.000	49.1598	99.900%	Pass

(*) The correction value of "Duty Cycle" is included.

Tolerance [W56 : OFDM 20MHz System (IEEE 802.11a)]

Center Frequency (MHz)	TX	Result (mW/MHz)	Rated Output (mW/MHz)	Tolerance (%)	Limit (%)	Verdict
5500	2	7.6988	7.8	-1.297	Upper / Lower	Pass
5600	2	7.8881	7.8	+1.129		Pass
5700	2	7.7913	7.8	-0.112	+50 ~ -50	Pass

Center Frequency (MHz)	TX	Rated Output (dBm/MHz)	Ant Gain (dBi)	Rated E.I.R.P. (dBm/MHz)	Limit (dBm/MHz)	Verdict
5500	2	8.9209	8.000	16.921	≤ 16.9897	Pass
5600	2	8.9209	8.000	16.921		Pass
5700	2	8.9209	8.000	16.921		Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W52 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	TX	Total Power (dBm)	Result (*) (mW/MHz)	Ant Gain (dBi)	E.I.R.P. (mW/MHz)	Duty Cycle (%)	Verdict
5180	1	6.11	0.29	8.000	1.8298	99.900%	--
	2	6.21	0.28	8.000	1.7730	99.900%	--
	3	6.67	0.31	8.000	1.9370	99.900%	--
	4	6.30	0.29	8.000	1.8487	99.900%	--
	S	12.35	1.17	8.000	7.3885	99.900%	Pass
5240	1	6.42	0.29	8.000	1.8298	99.900%	--
	2	6.02	0.28	8.000	1.7919	99.900%	--
	3	6.36	0.30	8.000	1.8739	99.900%	--
	4	6.26	0.28	8.000	1.7730	99.900%	--
	S	12.29	1.15	8.000	7.2686	99.900%	Pass

(*) The correction value of "Duty Cycle" is included.

Tolerance [W52 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)]

Center Frequency (MHz)	TX	Result (mW/MHz)	Rated Output (mW/MHz)	Tolerance (%)	Limit (%)	Verdict
5180	S	1.1710	1.2	-2.417	Upper / Lower	Pass
5240	S	1.1520	1.2	-4.0	+20 ~ -80	Pass

Center Frequency (MHz)	TX	Rated Output (dBm/MHz)	Ant Gain (dBi)	Rated E.I.R.P. (dBm/MHz)	Limit (dBm/MHz)	Verdict
5180	S	0.7918	8.000	8.792	≤ 10.0	Pass
5240	S	0.7918	8.000	8.792	≤ 10.0	Pass

W53 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	TX	Total Power (dBm)	Result (*) (mW/MHz)	Ant Gain (dBi)	E.I.R.P. (mW/MHz)	Duty Cycle (%)	Verdict
5260	1	5.90	0.27	8.000	1.6783	99.900%	--
	2	6.07	0.26	8.000	1.6594	99.900%	--
	3	6.49	0.30	8.000	1.9118	99.900%	--
	4	6.42	0.30	8.000	1.8929	99.900%	--
	S	12.25	1.13	8.000	7.1424	99.900%	Pass
5320	1	6.14	0.28	8.000	1.7351	99.900%	--
	2	6.15	0.27	8.000	1.7099	99.900%	--
	3	6.22	0.27	8.000	1.7099	99.900%	--
	4	6.53	0.28	8.000	1.7919	99.900%	--
	S	12.28	1.10	8.000	6.9468	99.900%	Pass

(*) The correction value of "Duty Cycle" is included.

Tolerance [W53 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)]

Center Frequency (MHz)	TX	Result (mW/MHz)	Rated Output (mW/MHz)	Tolerance (%)	Limit (%)	Verdict
5260	S	1.1320	1.2	-5.667	Upper / Lower	Pass
5320	S	1.1010	1.2	-8.25	+20 ~ -80	Pass

Center Frequency (MHz)	TX	Rated Output (dBm/MHz)	Ant Gain (dBi)	Rated E.I.R.P. (dBm/MHz)	Limit (dBm/MHz)	Verdict
5260	S	0.7918	8.000	8.792	≤ 10.0	Pass
5320	S	0.7918	8.000	8.792	≤ 10.0	Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W56 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	TX	Total Power (dBm)	Result (*) (mW/MHz)	Ant Gain (dBi)	E.I.R.P. (mW/MHz)	Duty Cycle (%)	Verdict
5500	1	14.46	1.813	8.000	11.4380	99.900%	--
	2	14.56	1.882	8.000	11.8771	99.900%	--
	3	14.71	1.956	8.000	12.3434	99.900%	--
	4	14.74	1.954	8.000	12.3308	99.900%	--
	S	20.64	7.61	8.000	47.9894	99.900%	Pass
5600	1	14.92	2.059	8.000	12.9883	99.900%	--
	2	14.45	1.890	8.000	11.9219	99.900%	--
	3	14.75	2.046	8.000	12.9113	99.900%	--
	4	14.56	1.902	8.000	12.0014	99.900%	--
	S	20.69	7.90	8.000	49.8229	99.900%	Pass
5700	1	14.99	1.906	8.000	12.0260	99.900%	--
	2	14.47	1.869	8.000	11.7907	99.900%	--
	3	14.47	1.885	8.000	11.8961	99.900%	--
	4	14.77	1.998	8.000	12.6091	99.900%	--
	S	20.70	7.66	8.000	48.3219	99.900%	Pass

(*) The correction value of "Duty Cycle" is included.

Tolerance [W56 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)]

Center Frequency (MHz)	TX	Result (mW/MHz)	Rated Output (mW/MHz)	Tolerance (%)	Limit (%)	Verdict
5500	S	7.6058	7.8	-2.49	Upper / Lower	Pass
5600	S	7.8964	7.8	+1.236	+50 ~ -50	Pass
5700	S	7.6585	7.8	-1.814		Pass

Center Frequency (MHz)	TX	Rated Output (dBm/MHz)	Ant Gain (dBi)	Rated E.I.R.P. (dBm/MHz)	Limit (dBm/MHz)	Verdict
5500	S	8.9209	8.000	16.921	≤ 16.9897	Pass
5600	S	8.9209	8.000	16.921		Pass
5700	S	8.9209	8.000	16.921		Pass

W52 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	TX	Total Power (dBm)	Result (*) (mW/MHz)	Ant Gain (dBi)	E.I.R.P. (mW/MHz)	Duty Cycle (%)	Verdict
5190	1	7.7880	0.2010	8.000	1.2682	99.900%	--
	2	7.5320	0.1950	8.000	1.2304	99.900%	--
	3	7.7700	0.1950	8.000	1.2304	99.900%	--
	4	7.6570	0.2000	8.000	1.2619	99.900%	--
	S	13.7086	0.7910	8.000	4.9909	99.900%	Pass
5230	1	7.3670	0.1730	8.000	1.0916	99.900%	--
	2	7.3450	0.1940	8.000	1.2241	99.900%	--
	3	7.5570	0.1970	8.000	1.2430	99.900%	--
	4	7.5440	0.1800	8.000	1.1357	99.900%	--
	S	13.4749	0.7440	8.000	4.6943	99.900%	Pass

(*) The correction value of "Duty Cycle" is included.

Tolerance [W52 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)]

Center Frequency (MHz)	TX	Result (mW/MHz)	Rated Output (mW/MHz)	Tolerance (%)	Limit (%)	Verdict
5190	S	0.7910	0.77	+2.727	Upper / Lower	Pass
5230	S	0.7440	0.77	-3.377	+20 ~ -80	Pass

Center Frequency (MHz)	TX	Rated Output (dBm/MHz)	Ant Gain (dBi)	Rated E.I.R.P. (dBm/MHz)	Limit (dBm/MHz)	Verdict
5190	S	-1.1351	8.000	6.865	≤ 6.9897	Pass
5230	S	-1.1351	8.000	6.865		Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W53 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	TX	Total Power (dBm)	Result (*) (mW/MHz)	Ant Gain (dBi)	E.I.R.P. (mW/MHz)	Duty Cycle (%)	Verdict
5270	1	7.7390	0.1800	8.000	1.1357	99.900%	--
	2	7.3950	0.1890	8.000	1.1925	99.900%	--
	3	7.7140	0.1940	8.000	1.2241	99.900%	--
	4	7.6790	0.1960	8.000	1.2367	99.900%	--
	S	13.6545	0.7590	8.000	4.7890	99.900%	Pass
5310	1	7.4880	0.1950	8.000	1.2304	99.900%	--
	2	7.7070	0.1880	8.000	1.1862	99.900%	--
	3	7.4810	0.1560	8.000	0.9843	99.900%	--
	4	7.7970	0.2010	8.000	1.2682	99.900%	--
	S	13.6410	0.7400	8.000	4.6691	99.900%	Pass

(*) The correction value of "Duty Cycle" is included.

Tolerance [W53 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)]

Center Frequency (MHz)	TX	Result (mW/MHz)	Rated Output (mW/MHz)	Tolerance (%)	Limit (%)	Verdict
5270	S	0.7590	0.77	-1.429	Upper / Lower	Pass
5310	S	0.7400	0.77	-3.896	+20 ~ -80	Pass

Center Frequency (MHz)	TX	Rated Output (dBm/MHz)	Ant Gain (dBi)	Rated E.I.R.P. (dBm/MHz)	Limit (dBm/MHz)	Verdict
5270	S	-1.1351	8.000	6.865	≤ 6.9897	Pass
5310	S	-1.1351	8.000	6.865	≤ 6.9897	Pass

W56 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	TX	Total Power (dBm)	Result (*) (mW/MHz)	Ant Gain (dBi)	E.I.R.P. (mW/MHz)	Duty Cycle (%)	Verdict
5510	1	14.63	0.979	8.000	6.1757	99.900%	--
	2	14.79	0.950	8.000	5.9932	99.900%	--
	3	14.18	0.87	8.000	5.5146	99.900%	--
	4	14.80	0.98	8.000	6.2062	99.900%	--
	S	20.6272	3.7863	8.000	23.8896	99.900%	Pass
5590	1	14.63	1.003	8.000	6.3279	99.900%	--
	2	14.75	0.954	8.000	6.0163	99.900%	--
	3	14.91	1.009	8.000	6.3645	99.900%	--
	4	14.41	0.87	8.000	5.5146	99.900%	--
	S	20.7006	3.8391	8.000	24.2232	99.900%	Pass
5670	1	14.57	0.965	8.000	6.0915	99.900%	--
	2	14.39	0.918	8.000	5.7944	99.900%	--
	3	14.52	0.924	8.000	5.8280	99.900%	--
	4	14.7619	0.9950	8.000	6.2782	99.900%	--
	S	20.5805	3.8025	8.000	23.9922	99.900%	Pass

(*) The correction value of "Duty Cycle" is included.

Tolerance [W56 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)]

Center Frequency (MHz)	TX	Result (mW/MHz)	Rated Output (mW/MHz)	Tolerance (%)	Limit (%)	Verdict
5510	S	3.7863	3.9	-2.917	Upper / Lower	Pass
5590	S	3.8391	3.9	-1.561	+50 ~ -50	Pass
5670	S	3.8025	3.9	-2.5	+50 ~ -50	Pass

Center Frequency (MHz)	TX	Rated Output (dBm/MHz)	Ant Gain (dBi)	Rated E.I.R.P. (dBm/MHz)	Limit (dBm/MHz)	Verdict
5510	S	5.9106	8.000	13.911	≤ 13.9794	Pass
5590	S	5.9106	8.000	13.911	≤ 13.9794	Pass
5670	S	5.9106	8.000	13.911	≤ 13.9794	Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W52 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	TX	Total Power (dBm)	Result (*) (mW/MHz)	Ant Gain (dBi)	E.I.R.P. (mW/MHz)	Duty Cycle (%)	Verdict
5210	1	6.4579	0.0922	8.000	0.5817	99.900%	--
	2	7.4197	0.0964	8.000	0.6080	99.900%	--
	3	7.1703	0.1079	8.000	0.6807	99.900%	--
	4	6.4374	0.0964	8.000	0.6082	99.900%	--
	S	12.9136	0.3929	8.000	2.4788	99.900%	Pass

(*) The correction value of "Duty Cycle" is included.

Tolerance [W52 : OFDM 80MHz System (IEEE 802.11ac VHT80)]

Center Frequency (MHz)	TX	Result (mW/MHz)	Rated Output (mW/MHz)	Tolerance (%)	Limit (%)	Verdict
5210	S	0.3929	0.39	+0.733	Upper / Lower +20 ~ -80	Pass

Center Frequency (MHz)	TX	Rated Output (dBm/MHz)	Ant Gain (dBi)	Rated E.I.R.P. (dBm/MHz)	Limit (dBm/MHz)	Verdict
5210	S	-4.089354	8.000	3.911	≤ 3.9794	Pass

W53 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	TX	Total Power (dBm)	Result (*) (mW/MHz)	Ant Gain (dBi)	E.I.R.P. (mW/MHz)	Duty Cycle (%)	Verdict
5290	1	7.8976	0.1001	8.000	0.6318	99.900%	--
	2	6.4579	0.0922	8.000	0.5817	99.900%	--
	3	6.4374	0.0964	8.000	0.6082	99.900%	--
	4	8.8198	0.1006	8.000	0.6350	99.900%	--
	S	13.543	0.3894	8.000	2.4568	99.900%	Pass

(*) The correction value of "Duty Cycle" is included.

Tolerance [W53 : OFDM 80MHz System (IEEE 802.11ac VHT80)]

Center Frequency (MHz)	TX	Result (mW/MHz)	Rated Output (mW/MHz)	Tolerance (%)	Limit (%)	Verdict
5290	S	0.3894	0.39	-0.162	Upper / Lower +20 ~ -80	Pass

Center Frequency (MHz)	TX	Rated Output (dBm/MHz)	Ant Gain (dBi)	Rated E.I.R.P. (dBm/MHz)	Limit (dBm/MHz)	Verdict
5290	S	-4.089354	8.000	3.911	≤ 3.9794	Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W56 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	TX	Total Power (dBm)	Result (*) (mW/MHz)	Ant Gain (dBi)	E.I.R.P. (mW/MHz)	Duty Cycle (%)	Verdict
5530	1	15.4566	0.5327	8.000	3.3612	99.900%	--
	2	15.1987	0.4895	8.000	3.0887	99.900%	--
	3	14.5655	0.4634	8.000	2.9239	99.900%	--
	4	14.9227	0.4347	8.000	2.7426	99.900%	--
	S	21.0690	1.9203	8.000	12.1163	99.900%	Pass
5610	1	14.5700	0.4840	8.000	3.0538	99.900%	--
	2	15.1446	0.5187	8.000	3.2726	99.900%	--
	3	14.5500	0.4549	8.000	2.8701	99.900%	--
	4	15.0978	0.4787	8.000	3.0201	99.900%	--
	S	20.8703	1.9362	8.000	12.2167	99.900%	Pass

(*) The correction value of "Duty Cycle" is included.

Tolerance [W56 : OFDM 80MHz System (IEEE 802.11ac VHT80)]

Center Frequency (MHz)	TX	Result (mW/MHz)	Rated Output (mW/MHz)	Tolerance (%)	Limit (%)	Verdict
5530	S	1.9203	1.95	-1.523	Upper / Lower +50 ~ -50	Pass
5610	S	1.9362	1.95	-0.707		Pass

Center Frequency (MHz)	TX	Rated Output (dBm/MHz)	Ant Gain (dBi)	Rated E.I.R.P. (dBm/MHz)	Limit (dBm/MHz)	Verdict
5530	S	2.9003	8.000	10.9	≤ 10.9691	Pass
5610	S	2.9003	8.000	10.9		Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

5.7. Adjacent Channel Leakage Power

5.7.1. Limit

Tested Band	Limits
W52 / W53	Occupied Bandwidth ≤ 18MHz Center Frequency ± 20MHz (±9MHz) ≤ -25 dB Center Frequency ± 40MHz (±9MHz) ≤ -40 dB
	18MHz < Occupied Bandwidth ≤ 19MHz Center Frequency ± 20MHz (±9.5MHz) ≤ -25 dB Center Frequency ± 40MHz (±9.5MHz) ≤ -40 dB
	19MHz < Occupied Bandwidth ≤ 38MHz Center Frequency ± 40MHz (±19MHz) ≤ -25 dB Center Frequency ± 80MHz (±19MHz) ≤ -40 dB
	38MHz < Occupied Bandwidth ≤ 78MHz Center Frequency ± 80MHz (±38MHz) ≤ -25 dB
W56	Modulation Method: Non-OFDM 20MHz System Center Frequency ± 20MHz (±9MHz) ≤ -25 dB Center Frequency ± 40MHz (±9MHz) ≤ -40 dB
	Occupied Bandwidth ≤ 19.7MHz Center Frequency ± 20MHz (±9.5MHz) ≤ -25 dB Center Frequency ± 40MHz (±9.5MHz) ≤ -40 dB
	19.7MHz < Occupied Bandwidth ≤ 38MHz Center Frequency ± 40MHz (±19MHz) ≤ -25 dB Center Frequency ± 80MHz (±19MHz) ≤ -40 dB
	38MHz < Occupied Bandwidth ≤ 78MHz Center Frequency ± 80MHz (±38MHz) ≤ -25 dB

5.7.2 Test result (IEEE 802.11a/n/ac)

W52 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz) [cf]	TX	Detuning frequency (MHz)	Result (dB)		Limit (dB)	Verdict
			Lower	Upper		
5180	1	cf±20MHz	-38.59	-40.52	≤ -25	Pass
		cf±40MHz	-49.90	-49.59	≤ -40	Pass
	2	cf±20MHz	-38.70	-40.85	≤ -25	Pass
		cf±40MHz	-49.87	-49.79	≤ -40	Pass
	3	cf±20MHz	-38.72	-40.42	≤ -25	Pass
		cf±40MHz	-50.36	-49.86	≤ -40	Pass
	4	cf±20MHz	-38.33	-40.42	≤ -25	Pass
		cf±40MHz	-49.79	-49.25	≤ -40	Pass
	S	cf±20MHz	-38.58	-40.55	≤ -25	Pass
		cf±40MHz	-49.97	-49.61	≤ -40	Pass
5240	C	cf±20MHz	-34.61	-39.94	≤ -25	Pass
		cf±40MHz	-50.40	-50.23	≤ -40	Pass
	1	cf±20MHz	-38.02	-40.84	≤ -25	Pass
		cf±40MHz	-49.51	-49.25	≤ -40	Pass
	2	cf±20MHz	-38.63	-40.88	≤ -25	Pass
		cf±40MHz	-49.98	-49.82	≤ -40	Pass
	3	cf±20MHz	-38.27	-40.28	≤ -25	Pass
		cf±40MHz	-49.83	-49.22	≤ -40	Pass
	4	cf±20MHz	-38.30	-40.62	≤ -25	Pass
		cf±40MHz	-49.91	-49.30	≤ -40	Pass
	S	cf±20MHz	-38.30	-40.66	≤ -25	Pass
		cf±40MHz	-49.80	-49.39	≤ -40	Pass
	C	cf±20MHz	-34.96	-40.28	≤ -25	Pass
		cf±40MHz	-49.96	-49.69	≤ -40	Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4

S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4

S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W53 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	TX	Detuning frequency (MHz)	Result (dB)		Limit (dB)	Verdict
			Lower	Upper		
5260	1	cf±20MHz	-38.04	-40.81	≤ -25	Pass
		cf±40MHz	-49.13	-48.96	≤ -40	Pass
	2	cf±20MHz	-38.48	-40.77	≤ -25	Pass
		cf±40MHz	-49.12	-49.13	≤ -40	Pass
	3	cf±20MHz	-38.56	-40.41	≤ -25	Pass
		cf±40MHz	-49.90	-49.54	≤ -40	Pass
	4	cf±20MHz	-38.28	-40.47	≤ -25	Pass
		cf±40MHz	-49.93	-49.36	≤ -40	Pass
	S	cf±20MHz	-38.34	-40.61	≤ -25	Pass
		cf±40MHz	-49.50	-49.24	≤ -40	Pass
	C	cf±20MHz	-36.34	-40.89	≤ -25	Pass
		cf±40MHz	-50.13	-49.82	≤ -40	Pass
5320	1	cf±20MHz	-38.22	-40.80	≤ -25	Pass
		cf±40MHz	-49.43	-49.44	≤ -40	Pass
	2	cf±20MHz	-39.02	-40.77	≤ -25	Pass
		cf±40MHz	-49.53	-49.59	≤ -40	Pass
	3	cf±20MHz	-38.48	-40.36	≤ -25	Pass
		cf±40MHz	-49.51	-49.68	≤ -40	Pass
	4	cf±20MHz	-38.43	-40.53	≤ -25	Pass
		cf±40MHz	-49.82	-49.76	≤ -40	Pass
	S	cf±20MHz	-38.53	-40.61	≤ -25	Pass
		cf±40MHz	-49.57	-49.62	≤ -40	Pass
	C	cf±20MHz	-35.11	-39.65	≤ -25	Pass
		cf±40MHz	-49.98	-49.90	≤ -40	Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W56 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	TX	Detuning frequency (MHz)	Result (dB)		Limit (dB)	Verdict
			Lower	Upper		
5500	1	cf±20MHz	-34.29	-36.61	≤ -25	Pass
		cf±40MHz	-52.64	-53.10	≤ -40	Pass
	2	cf±20MHz	-35.72	-37.07	≤ -25	Pass
		cf±40MHz	-53.37	-53.59	≤ -40	Pass
	3	cf±20MHz	-37.02	-38.21	≤ -25	Pass
		cf±40MHz	-52.45	-52.62	≤ -40	Pass
	4	cf±20MHz	-35.15	-36.54	≤ -25	Pass
		cf±40MHz	-53.06	-53.33	≤ -40	Pass
	S	cf±20MHz	-35.40	-37.03	≤ -25	Pass
		cf±40MHz	-52.88	-53.16	≤ -40	Pass
	C	cf±20MHz	-32.64	-32.84	≤ -25	Pass
		cf±40MHz	-52.04	-52.11	≤ -40	Pass
5600	1	cf±20MHz	-34.35	-35.99	≤ -25	Pass
		cf±40MHz	-52.09	-52.23	≤ -40	Pass
	2	cf±20MHz	-35.78	-37.59	≤ -25	Pass
		cf±40MHz	-53.58	-53.68	≤ -40	Pass
	3	cf±20MHz	-37.51	-38.90	≤ -25	Pass
		cf±40MHz	-52.64	-52.64	≤ -40	Pass
	4	cf±20MHz	-35.01	-36.90	≤ -25	Pass
		cf±40MHz	-51.97	-52.08	≤ -40	Pass
	S	cf±20MHz	-35.46	-37.17	≤ -25	Pass
		cf±40MHz	-52.53	-52.62	≤ -40	Pass
	C	cf±20MHz	-34.20	-35.01	≤ -25	Pass
		cf±40MHz	-52.43	-52.81	≤ -40	Pass
5700	1	cf±20MHz	-35.21	-36.75	≤ -25	Pass
		cf±40MHz	-52.03	-52.25	≤ -40	Pass
	2	cf±20MHz	-34.44	-36.38	≤ -25	Pass
		cf±40MHz	-52.10	-52.66	≤ -40	Pass
	3	cf±20MHz	-37.59	-38.99	≤ -25	Pass
		cf±40MHz	-52.56	-52.85	≤ -40	Pass
	4	cf±20MHz	-35.51	-36.03	≤ -25	Pass
		cf±40MHz	-52.77	-53.28	≤ -40	Pass
	S	cf±20MHz	-35.48	-36.83	≤ -25	Pass
		cf±40MHz	-52.35	-52.75	≤ -40	Pass
	C	cf±20MHz	-34.56	-35.63	≤ -25	Pass
		cf±40MHz	-52.43	-52.96	≤ -40	Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W52 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	TX	Detuning frequency (MHz)	Result (dB)		Limit (dB)	Verdict
			Lower	Upper		
5180	1	cf±20MHz	-36.55	-39.42	≤ -25	Pass
		cf±40MHz	-48.70	-48.49	≤ -40	Pass
	2	cf±20MHz	-37.56	-39.12	≤ -25	Pass
		cf±40MHz	-49.25	-48.78	≤ -40	Pass
	3	cf±20MHz	-37.62	-39.50	≤ -25	Pass
		cf±40MHz	-49.54	-49.04	≤ -40	Pass
	4	cf±20MHz	-37.22	-39.52	≤ -25	Pass
		cf±40MHz	-49.05	-48.83	≤ -40	Pass
	S	cf±20MHz	-37.23	-39.39	≤ -25	Pass
		cf±40MHz	-49.14	-48.79	≤ -40	Pass
5240	C	cf±20MHz	-36.13	-40.27	≤ -25	Pass
		cf±40MHz	-50.94	-50.50	≤ -40	Pass
	1	cf±20MHz	-36.85	-39.27	≤ -25	Pass
		cf±40MHz	-49.09	-48.69	≤ -40	Pass
	2	cf±20MHz	-37.21	-39.26	≤ -25	Pass
		cf±40MHz	-48.91	-48.27	≤ -40	Pass
	3	cf±20MHz	-36.92	-39.00	≤ -25	Pass
		cf±40MHz	-48.96	-48.42	≤ -40	Pass
	4	cf±20MHz	-37.42	-39.80	≤ -25	Pass
		cf±40MHz	-48.89	-48.56	≤ -40	Pass
	S	cf±20MHz	-37.09	-39.32	≤ -25	Pass
		cf±40MHz	-48.96	-48.49	≤ -40	Pass
	C	cf±20MHz	-36.37	-40.51	≤ -25	Pass
		cf±40MHz	-50.57	-50.19	≤ -40	Pass

W53 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	TX	Detuning frequency (MHz)	Result (dB)		Limit (dB)	Verdict
			Lower	Upper		
5260	1	cf±20MHz	-36.66	-39.37	≤ -25	Pass
		cf±40MHz	-48.41	-48.07	≤ -40	Pass
	2	cf±20MHz	-37.79	-38.77	≤ -25	Pass
		cf±40MHz	-49.00	-48.48	≤ -40	Pass
	3	cf±20MHz	-37.37	-39.21	≤ -25	Pass
		cf±40MHz	-48.99	-48.51	≤ -40	Pass
	4	cf±20MHz	-37.35	-39.55	≤ -25	Pass
		cf±40MHz	-48.86	-48.54	≤ -40	Pass
	S	cf±20MHz	-37.28	-39.22	≤ -25	Pass
		cf±40MHz	-48.82	-48.40	≤ -40	Pass
5320	C	cf±20MHz	-36.28	-40.58	≤ -25	Pass
		cf±40MHz	-49.79	-49.46	≤ -40	Pass
	1	cf±20MHz	-37.07	-39.53	≤ -25	Pass
		cf±40MHz	-48.77	-48.66	≤ -40	Pass
	2	cf±20MHz	-37.24	-38.62	≤ -25	Pass
		cf±40MHz	-48.48	-48.46	≤ -40	Pass
	3	cf±20MHz	-37.38	-38.90	≤ -25	Pass
		cf±40MHz	-48.31	-48.34	≤ -40	Pass
	4	cf±20MHz	-347.30	-39.43	≤ -25	Pass
		cf±40MHz	-49.05	-49.19	≤ -40	Pass
	S	cf±20MHz	-38.57	-39.11	≤ -25	Pass
		cf±40MHz	-48.65	-48.66	≤ -40	Pass
	C	cf±20MHz	-37.20	-40.28	≤ -25	Pass
		cf±40MHz	-49.90	-49.97	≤ -40	Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W56 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	TX	Detuning frequency (MHz)	Result (dB)		Limit (dB)	Verdict
			Lower	Upper		
5500	1	cf±20MHz	-33.67	-34.66	≤ -25	Pass
		cf±40MHz	-52.60	-53.03	≤ -40	Pass
	2	cf±20MHz	-35.06	-35.15	≤ -25	Pass
		cf±40MHz	-53.43	-53.79	≤ -40	Pass
	3	cf±20MHz	-34.10	-35.21	≤ -25	Pass
		cf±40MHz	-52.92	-53.35	≤ -40	Pass
	4	cf±20MHz	-33.71	-34.34	≤ -25	Pass
		cf±40MHz	-52.86	-53.30	≤ -40	Pass
	S	cf±20MHz	-34.10	-34.82	≤ -25	Pass
		cf±40MHz	-52.94	-53.36	≤ -40	Pass
	C	cf±20MHz	-33.30	-35.06	≤ -25	Pass
		cf±40MHz	-53.32	-53.92	≤ -40	Pass
5600	1	cf±20MHz	-33.40	-34.02	≤ -25	Pass
		cf±40MHz	-52.07	-52.60	≤ -40	Pass
	2	cf±20MHz	-34.60	-35.80	≤ -25	Pass
		cf±40MHz	-53.39	-53.79	≤ -40	Pass
	3	cf±20MHz	-35.25	-35.53	≤ -25	Pass
		cf±40MHz	-52.94	-53.22	≤ -40	Pass
	4	cf±20MHz	-34.32	-34.86	≤ -25	Pass
		cf±40MHz	-52.40	-52.62	≤ -40	Pass
	S	cf±20MHz	-34.33	-34.98	≤ -25	Pass
		cf±40MHz	-52.66	-53.02	≤ -40	Pass
	C	cf±20MHz	-34.05	-34.90	≤ -25	Pass
		cf±40MHz	-53.43	-54.11	≤ -40	Pass
5700	1	cf±20MHz	-33.62	-34.10	≤ -25	Pass
		cf±40MHz	-51.69	-52.14	≤ -40	Pass
	2	cf±20MHz	-33.23	-33.99	≤ -25	Pass
		cf±40MHz	-52.04	-52.85	≤ -40	Pass
	3	cf±20MHz	-34.86	-35.86	≤ -25	Pass
		cf±40MHz	-52.81	-53.45	≤ -40	Pass
	4	cf±20MHz	-33.98	-34.36	≤ -25	Pass
		cf±40MHz	-52.31	-53.08	≤ -40	Pass
	S	cf±20MHz	-33.87	-34.50	≤ -25	Pass
		cf±40MHz	-52.18	-52.83	≤ -40	Pass
	C	cf±20MHz	-33.94	-35.34	≤ -25	Pass
		cf±40MHz	-53.13	-54.24	≤ -40	Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W52 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	TX	Detuning frequency (MHz)	Result (dB)		Limit (dB)	Verdict
			Lower	Upper		
5190	1	cf±40MHz	-43.23	-43.31	≤ -25	Pass
		cf±80MHz	-47.23	-46.99	≤ -40	Pass
	2	cf±40MHz	-43.37	-43.09	≤ -25	Pass
		cf±80MHz	-46.27	-45.49	≤ -40	Pass
	3	cf±40MHz	-43.69	-43.57	≤ -25	Pass
		cf±80MHz	-48.02	-47.08	≤ -40	Pass
	4	cf±40MHz	-43.56	-43.46	≤ -25	Pass
		cf±80MHz	-47.30	-47.12	≤ -40	Pass
	S	cf±40MHz	-43.46	-43.36	≤ -25	Pass
		cf±80MHz	-47.17	-46.63	≤ -40	Pass
	C	cf±40MHz	-44.72	-44.13	≤ -25	Pass
		cf±80MHz	-49.17	-48.60	≤ -40	Pass
5230	1	cf±40MHz	-43.77	-44.07	≤ -25	Pass
		cf±80MHz	-47.01	-46.70	≤ -40	Pass
	2	cf±40MHz	-43.47	-43.39	≤ -25	Pass
		cf±80MHz	-47.55	-46.88	≤ -40	Pass
	3	cf±40MHz	-43.29	-43.15	≤ -25	Pass
		cf±80MHz	-47.63	-46.81	≤ -40	Pass
	4	cf±40MHz	-44.02	-43.99	≤ -25	Pass
		cf±80MHz	-47.18	-46.91	≤ -40	Pass
	S	cf±40MHz	-43.63	-43.63	≤ -25	Pass
		cf±80MHz	-47.34	-46.82	≤ -40	Pass
	C	cf±40MHz	-44.47	-43.89	≤ -25	Pass
		cf±80MHz	-48.90	-48.43	≤ -40	Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W53 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	TX	Detuning frequency (MHz)	Result (dB)		Limit (dB)	Verdict
			Lower	Upper		
5270	1	cf±40MHz	-42.98	-43.24	≤ -25	Pass
		cf±80MHz	-46.73	-46.84	≤ -40	Pass
	2	cf±40MHz	-43.38	-43.51	≤ -25	Pass
		cf±80MHz	-47.55	-47.17	≤ -40	Pass
	3	cf±40MHz	-43.23	-43.42	≤ -25	Pass
		cf±80MHz	-47.45	-47.07	≤ -40	Pass
	4	cf±40MHz	-43.18	-43.36	≤ -25	Pass
		cf±80MHz	-46.90	-46.84	≤ -40	Pass
	S	cf±40MHz	-43.19	-43.38	≤ -25	Pass
		cf±80MHz	-47.14	-46.97	≤ -40	Pass
	C	cf±40MHz	-43.24	-43.52	≤ -25	Pass
		cf±80MHz	-48.53	-48.42	≤ -40	Pass
5310	1	cf±40MHz	-43.56	-43.76	≤ -25	Pass
		cf±80MHz	-46.30	-46.66	≤ -40	Pass
	2	cf±40MHz	-42.77	-42.88	≤ -25	Pass
		cf±80MHz	-47.63	-47.68	≤ -40	Pass
	3	cf±40MHz	-42.69	-43.09	≤ -25	Pass
		cf±80MHz	-47.20	-47.09	≤ -40	Pass
	4	cf±40MHz	-43.88	-43.60	≤ -25	Pass
		cf±80MHz	-47.50	-47.63	≤ -40	Pass
	S	cf±40MHz	-43.20	-43.32	≤ -25	Pass
		cf±80MHz	-47.14	-47.26	≤ -40	Pass
	C	cf±40MHz	-43.69	-43.87	≤ -25	Pass
		cf±80MHz	-48.55	-48.68	≤ -40	Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W56 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	TX	Detuning frequency (MHz)	Result (dB)		Limit (dB)	Verdict
			Lower	Upper		
5510	1	cf±40MHz	-34.94	-34.85	≤ -25	Pass
		cf±80MHz	-49.50	-50.75	≤ -40	Pass
	2	cf±40MHz	-36.60	-36.43	≤ -25	Pass
		cf±80MHz	-50.94	-51.68	≤ -40	Pass
	3	cf±40MHz	-36.00	-35.63	≤ -25	Pass
		cf±80MHz	-50.89	-51.56	≤ -40	Pass
	4	cf±40MHz	-35.20	-34.63	≤ -25	Pass
		cf±80MHz	-50.66	-50.75	≤ -40	Pass
	S	cf±40MHz	-35.63	-35.32	≤ -25	Pass
		cf±80MHz	-50.45	-51.15	≤ -40	Pass
	C	cf±40MHz	-36.04	-36.04	≤ -25	Pass
		cf±80MHz	-51.60	-52.09	≤ -40	Pass
5590	1	cf±40MHz	-35.40	-35.88	≤ -25	Pass
		cf±80MHz	-49.53	-50.34	≤ -40	Pass
	2	cf±40MHz	-35.65	-35.78	≤ -25	Pass
		cf±80MHz	-50.61	-51.71	≤ -40	Pass
	3	cf±40MHz	-35.96	-36.54	≤ -25	Pass
		cf±80MHz	-50.83	-51.57	≤ -40	Pass
	4	cf±40MHz	-35.82	-35.61	≤ -25	Pass
		cf±80MHz	-50.63	-50.51	≤ -40	Pass
	S	cf±40MHz	-35.70	-35.95	≤ -25	Pass
		cf±80MHz	-50.37	-51.01	≤ -40	Pass
	C	cf±40MHz	-35.64	-35.75	≤ -25	Pass
		cf±80MHz	-50.98	-51.97	≤ -40	Pass
5670	1	cf±40MHz	-36.55	-36.75	≤ -25	Pass
		cf±80MHz	-50.12	-50.38	≤ -40	Pass
	2	cf±40MHz	-36.73	-36.47	≤ -25	Pass
		cf±80MHz	-50.57	-51.22	≤ -40	Pass
	3	cf±40MHz	-37.19	-36.95	≤ -25	Pass
		cf±80MHz	-50.89	-51.39	≤ -40	Pass
	4	cf±40MHz	-36.56	-35.75	≤ -25	Pass
		cf±80MHz	-51.07	-50.90	≤ -40	Pass
	S	cf±40MHz	-36.75	-36.45	≤ -25	Pass
		cf±80MHz	-50.65	-50.95	≤ -40	Pass
	C	cf±40MHz	-35.33	-34.68	≤ -25	Pass
		cf±80MHz	-51.05	-51.86	≤ -40	Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W52 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	TX	Detuning frequency (MHz)	Result (dB)		Limit (dB)	Verdict
			Lower	Upper		
5210	1	cf±80MHz	-41.87	-44.42	≤ -25	Pass
	2	cf±80MHz	-42.25	-41.42	≤ -25	Pass
	3	cf±80MHz	-42.37	-41.37	≤ -25	Pass
	4	cf±80MHz	-42.18	-41.83	≤ -25	Pass
	S	cf±80MHz	-42.18	-42.02	≤ -25	Pass
	C	cf±80MHz	-43.67	-42.80	≤ -25	Pass

W53 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	TX	Detuning frequency (MHz)	Result (dB)		Limit (dB)	Verdict
			Lower	Upper		
5290	1	cf±80MHz	-40.77	-40.70	≤ -25	Pass
	2	cf±80MHz	-41.20	-40.73	≤ -25	Pass
	3	cf±80MHz	-41.28	-41.02	≤ -25	Pass
	4	cf±80MHz	-41.05	-40.81	≤ -25	Pass
	S	cf±80MHz	-41.04	-40.80	≤ -25	Pass
	C	cf±80MHz	-42.08	-41.80	≤ -25	Pass

W56 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	TX	Detuning frequency (MHz)	Result (dB)		Limit (dB)	Verdict
			Lower	Upper		
5530	1	cf±80MHz	-35.19	-35.31	≤ -25	Pass
	2	cf±80MHz	-34.27	-34.20	≤ -25	Pass
	3	cf±80MHz	-35.02	-35.34	≤ -25	Pass
	4	cf±80MHz	-34.98	-34.20	≤ -25	Pass
	S	cf±80MHz	-34.84	-34.72	≤ -25	Pass
	C	cf±80MHz	-36.35	-36.30	≤ -25	Pass
5610	1	cf±80MHz	-37.70	-35.12	≤ -25	Pass
	2	cf±80MHz	-35.73	-34.61	≤ -25	Pass
	3	cf±80MHz	-36.98	-37.39	≤ -25	Pass
	4	cf±80MHz	-34.14	-32.56	≤ -25	Pass
	S	cf±80MHz	-35.85	-34.51	≤ -25	Pass
	C	cf±80MHz	-36.69	-35.86	≤ -25	Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

5.8. Out-band Leakage Power

5.8.1. Limit

Tested Band	Limits
W52	Bandwidth ≤ 18MHz 5140MHz ~ 5142MHz : ≤ 2.5 μW/MHz 5142MHz ~ 5150MHz : ≤ 15 μW/MHz 5250MHz ~ 5251MHz : ≤ 10 ^{-1-(f-5240-9)} mW/MHz 5251MHz ~ 5260MHz : ≤ 10 ^{-1-(8/90)(f-5240-11)} mW/MHz 5260MHz ~ 5266.7MHz : ≤ 10 ^{-1.8-(6/50)(f-5240-20)} mW/MHz 5266.7MHz ~ 5360MHz : ≤ 2.5 μW/MHz *f = Measured Frequency 18MHz < Bandwidth ≤ 19MHz 5135MHz ~ 5142MHz : ≤ 2.5 μW/MHz 5142MHz ~ 5150MHz : ≤ 15 μW/MHz 5250MHz ~ 5251MHz : ≤ 10 ^{-1-(f-5240-9)} mW/MHz 5251MHz ~ 5260MHz : ≤ 10 ^{-1-(8/90)(f-5240-11)} mW/MHz 5260MHz ~ 5266.7MHz : ≤ 10 ^{-1.8-(6/50)(f-5240-20)} mW/MHz 5266.7MHz ~ 5365MHz : ≤ 2.5 μW/MHz *f = Measured Frequency Bandwidth ≤ 38MHz 5100MHz ~ 5141.6MHz : ≤ 2.5 μW/MHz 5141.6MHz ~ 5150MHz : ≤ 15 μW/MHz 5250MHz ~ 5251MHz : ≤ 10 ^{-(f-5230-20)+Log(1/2)} mW/MHz 5251MHz ~ 5270MHz : ≤ 10 ^{-(8/190)(f-5230-21)-1+Log(1/2)} mW/MHz 5270MHz ~ 5278.4MHz : ≤ 10 ^{-(3/50)(f-5230-40)-1.8+Log(1/2)} mW/MHz 5278.4MHz ~ 5400MHz : ≤ 2.5 μW/MHz *f = Measured Frequency Bandwidth ≤ 78MHz 5020MHz ~ 5123.2MHz : ≤ 2.5 μW/MHz 5123.2MHz ~ 5150MHz : ≤ 15 μW/MHz 5250MHz ~ 5251MHz : ≤ 10 ^{-(f-5210-40)+Log(1/4)} mW/MHz 5251MHz ~ 5290MHz : ≤ 10 ^{-(8/390)(f-5210-41)-1+Log(1/4)} mW/MHz 5290MHz ~ 5296.7MHz : ≤ 10 ^{-(3/100)(f-5210-80)-1.8+Log(1/4)} mW/MHz 5296.7MHz ~ 5480MHz : ≤ 2.5 μW/MHz *f = Measured Frequency

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Tested Band	Limits
W53	Bandwidth ≤ 18MHz
	5140MHz ~ 5233.3MHz : ≤ 2.5 μW/MHz
	5233.3MHz ~ 5240MHz : ≤ $10^{1.8-(6/50)(5260-f-20)}$ mW/MHz
	5240MHz ~ 5249MHz : ≤ $10^{-1-(8/90)(5260-f-11)}$ mW/MHz
	5249MHz ~ 5250MHz : ≤ $10^{1-(5260-f-9)}$ mW/MHz
	5350MHz ~ 5360MHz : ≤ 2.5 μW/MHz
	*f = Measured Frequency
	18MHz < Bandwidth ≤ 19MHz
	5135MHz ~ 5233.3MHz : ≤ 2.5 μW/MHz
	5233.3MHz ~ 5240MHz : ≤ $10^{1.8-(6/50)(5260-f-20)}$ mW/MHz
	5240MHz ~ 5249MHz : ≤ $10^{-1-(8/90)(5260-f-11)}$ mW/MHz
	5249MHz ~ 5250MHz : ≤ $10^{1-(5260-f-9)}$ mW/MHz
	5350MHz ~ 5365MHz : ≤ 2.5 μW/MHz
	*f = Measured Frequency
	Bandwidth ≤ 38MHz
	5100MHz ~ 5221.6MHz : ≤ 2.5 μW/MHz
	5221.6MHz ~ 5230MHz : ≤ $10^{(3/50)(5270-f-40)-1.8+\text{Log}(1/2)}$ mW/MHz
	5230MHz ~ 5249MHz : ≤ $10^{(8/190)(5270-f-21)-1+\text{Log}(1/2)}$ mW/MHz
	5249MHz ~ 5250MHz : ≤ $10^{(5270-f-20)+\text{Log}(1/2)}$ mW/MHz
	5350MHz ~ 5358.4MHz : ≤ 15 μW/MHz
	5358.4MHz ~ 5400MHz : ≤ 2.5 μW/MHz
	*f = Measured Frequency
	Bandwidth ≤ 78MHz
	5020MHz ~ 5203.3MHz : ≤ 2.5 μW/MHz
	5203.3MHz ~ 5210MHz : ≤ $10^{(3/100)(5290-f-80)-1.8+\text{Log}(1/4)}$ mW/MHz
	5210MHz ~ 5249MHz : ≤ $10^{(8/390)(5290-f-41)-1+\text{Log}(1/4)}$ mW/MHz
	5249MHz ~ 5250MHz : ≤ $10^{(5290-f-40)+\text{Log}(1/4)}$ mW/MHz
	5350MHz ~ 5376.8MHz : ≤ 15 μW/MHz
	5376.8MHz ~ 5480MHz : ≤ 2.5 μW/MHz
	*f = Measured Frequency

Tested Band	Limits
W56	Bandwidth ≤ 19.7MHz (Modulation Method : Others)
	5460MHz ~ 5470MHz : ≤ 12.5 μW/MHz
	5725MHz ~ 5740MHz : ≤ 12.5 μW/MHz
	Bandwidth ≤ 19.7MHz (Modulation Method : OFDM)
	5455MHz ~ 5460MHz : ≤ 2.5 μW/MHz
	5460MHz ~ 5470MHz : ≤ 12.5 μW/MHz
	5725MHz ~ 5740MHz : ≤ 12.5 μW/MHz
	5740MHz ~ 5745MHz : ≤ 2.5 μW/MHz
	Bandwidth ≤ 38MHz
	5420MHz ~ 5460MHz : ≤ 12.5 μW/MHz
	5460MHz ~ 5470MHz : ≤ 50 μW/MHz
	5725MHz ~ 5760MHz : ≤ 12.5 μW/MHz
	Bandwidth ≤ 78MHz
	5340MHz ~ 5460MHz : ≤ 12.5 μW/MHz
	5460MHz ~ 5469.5MHz : ≤ 50 μW/MHz
	5469.5MHz ~ 5470MHz : ≤ 51.2 μW/MHz
	5725MHz ~ 5860MHz : ≤ 12.5 μW/MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

5.8.2 Test result (IEEE 802.11a/n/ac)

W52 : OFDM 20MHz System (IEEE 802.11a)

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5180	1	5140.922000	8.000	0.024000	≤ 0.625	Pass	*1
		5140.922000	8.000	0.024000	≤ 0.625	Pass	*2
		5147.136000	8.000	0.030000	≤ 3.75	Pass	*3
		5250.638000	8.000	0.035000	≤ 57.536	Pass	*4
		5253.853000	8.000	0.039000	≤ 13.942	Pass	*5
		5266.391800	8.000	0.027000	≤ 0.678	Pass	*6
		5271.909900	8.000	0.029000	≤ 0.625	Pass	*7
		5271.909900	8.000	0.029000	≤ 0.625	Pass	*8
	2	5141.503000	8.000	0.034000	≤ 0.625	Pass	*1
		5141.503000	8.000	0.034000	≤ 0.625	Pass	*2
		5147.632000	8.000	0.033000	≤ 3.75	Pass	*3
		5250.253000	8.000	0.021000	≤ 139.618	Pass	*4
		5254.789000	8.000	0.026000	≤ 11.512	Pass	*5
		5262.793900	8.000	0.032000	≤ 1.831	Pass	*6
		5300.318600	8.000	0.021000	≤ 0.625	Pass	*7
		5300.318600	8.000	0.021000	≤ 0.625	Pass	*8
	3	5139.277000	8.000	0.025000	≤ 0.625	Pass	*1
		5139.277000	8.000	0.025000	≤ 0.625	Pass	*2
		5143.208000	8.000	0.024000	≤ 3.75	Pass	*3
		5250.343000	8.000	0.023000	≤ 113.485	Pass	*4
		5256.238000	8.000	0.030000	≤ 8.557	Pass	*5
		5264.783800	8.000	0.029000	≤ 1.057	Pass	*6
		5282.034800	8.000	0.029000	≤ 0.625	Pass	*7
		5282.034800	8.000	0.029000	≤ 0.625	Pass	*8
	4	5139.199000	8.000	0.028000	≤ 0.625	Pass	*1
		5138.199000	8.000	0.028000	≤ 0.625	Pass	*2
		5143.904000	8.000	0.026000	≤ 3.75	Pass	*3
		5250.341000	8.000	0.028000	≤ 114.009	Pass	*4
		5252.974100	8.000	0.030000	≤ 16.69	Pass	*5
		5261.494100	8.000	0.042000	≤ 2.622	Pass	*6
		5273.482700	8.000	0.037000	≤ 0.625	Pass	*7
		5273.482700	8.000	0.034000	≤ 0.625	Pass	*8

- *1 Measurement Range : 5135MHz ~ 5140MHz
- *2 Measurement Range : 5140MHz ~ 5142MHz
- *3 Measurement Range : 5142MHz ~ 5150MHz
- *4 Measurement Range : 5250MHz ~ 5251MHz
- *5 Measurement Range : 5251MHz ~ 5260MHz
- *6 Measurement Range : 5260MHz ~ 5266.7MHz
- *7 Measurement Range : 5266.7MHz ~ 5360MHz
- *8 Measurement Range : 5360MHz ~ 5365MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4

S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5180	W	5141.503000	8.000	0.136000	≤ 2.5	Pass	*1
		5141.503000	8.000	0.136000	≤ 2.5	Pass	*2
		5147.632000	8.000	0.132000	≤ 15.0	Pass	*3
		5250.638000	8.000	0.140000	≤ 230.144	Pass	*4
		5253.853000	8.000	0.156000	≤ 55.769	Pass	*5
		5261.494100	8.000	0.168000	≤ 10.488	Pass	*6
		5273.482700	8.000	0.148000	≤ 2.5	Pass	*7
		5273.482700	8.000	0.136000	≤ 2.5	Pass	*8
	C	5136.449000	8.000	0.127000	≤ 2.5	Pass	*1
		5136.449000	8.000	0.127000	≤ 2.5	Pass	*2
		5148.136000	8.000	0.104000	≤ 15.0	Pass	*3
		5250.117000	8.000	0.106000	≤ 763.835	Pass	*4
		5252.827000	8.000	0.136000	≤ 68.801	Pass	*5
		5263.895900	8.000	0.103000	≤ 5.401	Pass	*6
		5333.642300	8.000	0.108000	≤ 2.5	Pass	*7
		5333.642300	8.000	0.108000	≤ 2.5	Pass	*8

- *1 Measurement Range : 5135MHz ~ 5140MHz
- *2 Measurement Range : 5140MHz ~ 5142MHz
- *3 Measurement Range : 5142MHz ~ 5150MHz
- *4 Measurement Range : 5250MHz ~ 5251MHz
- *5 Measurement Range : 5251MHz ~ 5260MHz
- *6 Measurement Range : 5260MHz ~ 5266.7MHz
- *7 Measurement Range : 5266.7MHz ~ 5360MHz
- *8 Measurement Range : 5360MHz ~ 5365MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4

S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5240	1	5140.922000	8.000	0.024000	≤ 0.625	Pass	*1
		5140.922000	8.000	0.024000	≤ 0.625	Pass	*2
		5147.136000	8.000	0.030000	≤ 3.75	Pass	*3
		5250.638000	8.000	0.035000	≤ 57.536	Pass	*4
		5253.853000	8.000	0.039000	≤ 13.942	Pass	*5
		5266.391800	8.000	0.027000	≤ 0.678	Pass	*6
		5271.909900	8.000	0.029000	≤ 0.625	Pass	*7
		5271.909900	8.000	0.029000	≤ 0.625	Pass	*8
	2	5141.503000	8.000	0.034000	≤ 0.625	Pass	*1
		5141.503000	8.000	0.034000	≤ 0.625	Pass	*2
		5147.632000	8.000	0.033000	≤ 3.75	Pass	*3
		5250.253000	8.000	0.021000	≤ 139.618	Pass	*4
		5254.789000	8.000	0.026000	≤ 11.512	Pass	*5
		5262.793900	8.000	0.032000	≤ 1.831	Pass	*6
		5300.318600	8.000	0.021000	≤ 0.625	Pass	*7
		5300.318600	8.000	0.021000	≤ 0.625	Pass	*8
	3	5140.089000	8.000	0.024000	≤ 0.625	Pass	*1
		5140.089000	8.000	0.024000	≤ 0.625	Pass	*2
		5149.512000	8.000	0.021000	≤ 3.75	Pass	*3
		5250.014000	8.000	87.053000	≤ 242.069	Pass	*4
		5251.027000	8.000	11.318000	≤ 24.862	Pass	*5
		5260.221100	8.000	0.069600	≤ 3.727	Pass	*6
		5315.948300	8.000	0.030000	≤ 0.625	Pass	*7
		5315.948300	8.000	0.030000	≤ 0.625	Pass	*8
	4	5139.620000	8.000	0.021000	≤ 0.625	Pass	*1
		5139.610000	8.000	0.021000	≤ 0.625	Pass	*2
		5147.424000	8.000	0.023000	≤ 3.75	Pass	*3
		5250.042000	8.000	59.796000	≤ 226.955	Pass	*4
		5251.054000	8.000	7.973000	≤ 24.725	Pass	*5
		5260.603000	8.000	0.076000	≤ 3.354	Pass	*6
		5312.901000	8.000	0.028000	≤ 0.625	Pass	*7
		5312.901000	8.000	0.028000	≤ 0.625	Pass	*8

- *1 Measurement Range : 5135MHz ~ 5140MHz
 *2 Measurement Range : 5140MHz ~ 5142MHz
 *3 Measurement Range : 5142MHz ~ 5150MHz
 *4 Measurement Range : 5250MHz ~ 5251MHz
 *5 Measurement Range : 5251MHz ~ 5260MHz
 *6 Measurement Range : 5260MHz ~ 5266.7MHz
 *7 Measurement Range : 5266.7MHz ~ 5360MHz
 *8 Measurement Range : 5360MHz ~ 5365MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5240	W	5141.503000	8.000	0.136000	≤ 2.5	Pass	*1
		5141.503000	8.000	0.136000	≤ 2.5	Pass	*2
		5147.632000	8.000	0.132000	≤ 15.0	Pass	*3
		5250.014000	8.000	348.212000	≤ 968.277	Pass	*4
		5251.027000	8.000	45.272000	≤ 99.448	Pass	*5
		5260.603000	8.000	0.304000	≤ 13.416	Pass	*6
		5315.948300	8.000	0.120000	≤ 2.5	Pass	*7
		5315.948300	8.000	0.120000	≤ 2.5	Pass	*8
	C	5140.649000	8.000	0.127000	≤ 2.5	Pass	*1
		5140.649000	8.000	0.127000	≤ 2.5	Pass	*2
		5149.136000	8.000	0.078000	≤ 15.0	Pass	*3
		5250.001000	8.000	116.210000	≤ 997.7	Pass	*4
		5251.090000	8.000	22.599000	≤ 98.174	Pass	*5
		5260.080400	8.000	0.263000	≤ 15.5	Pass	*6
		5312.704400	8.000	0.152000	≤ 2.5	Pass	*7
		5312.704400	8.000	0.152000	≤ 2.5	Pass	*8

- *1 Measurement Range : 5135MHz ~ 5140MHz
 *2 Measurement Range : 5140MHz ~ 5142MHz
 *3 Measurement Range : 5142MHz ~ 5150MHz
 *4 Measurement Range : 5250MHz ~ 5251MHz
 *5 Measurement Range : 5251MHz ~ 5260MHz
 *6 Measurement Range : 5260MHz ~ 5266.7MHz
 *7 Measurement Range : 5266.7MHz ~ 5360MHz
 *8 Measurement Range : 5360MHz ~ 5365MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W53 : OFDM 20MHz System (IEEE 802.11a)

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5260	1	5223.470000	8.000	0.034000	≤ 0.625	Pass	*1
		5223.470000	8.000	0.034000	≤ 0.625	Pass	*2
		5239.598000	8.000	0.122000	≤ 3.546	Pass	*3
		5248.910000	8.000	20.425000	≤ 24.544	Pass	*4
		5249.983000	8.000	118.140000	≤ 240.403	Pass	*5
		5356.450000	8.000	0.024000	≤ 0.625	Pass	*6
		5356.450000	8.000	0.024000	≤ 0.625	Pass	*7
	2	5176.679200	8.000	0.034000	≤ 0.625	Pass	*1
		5176.679200	8.000	0.034000	≤ 0.625	Pass	*2
		5239.933000	8.000	0.168000	≤ 3.89	Pass	*3
		5248.946000	8.000	17.828000	≤ 24.725	Pass	*4
		5249.974000	8.000	104.050000	≤ 235.472	Pass	*5
		5354.515000	8.000	0.027000	≤ 0.625	Pass	*6
		5354.515000	8.000	0.027000	≤ 0.625	Pass	*7
	3	5233.103400	8.000	0.033000	≤ 0.625	Pass	*1
		5233.103400	8.000	0.033000	≤ 0.625	Pass	*2
		5239.979900	8.000	0.165000	≤ 3.94	Pass	*3
		5248.955000	8.000	16.012000	≤ 24.771	Pass	*4
		5249.881000	8.000	76.385000	≤ 190.082	Pass	*5
		5356.930000	8.000	0.024000	≤ 0.625	Pass	*6
		5356.930000	8.000	0.024000	≤ 0.625	Pass	*7
	4	5214.917900	8.000	0.027000	≤ 0.625	Pass	*1
		5214.917900	8.000	0.027000	≤ 0.625	Pass	*2
		5239.504200	8.000	0.111000	≤ 3.455	Pass	*3
		5248.901000	8.000	19.705000	≤ 24.499	Pass	*4
		5249.915000	8.000	114.460000	≤ 205.561	Pass	*5
		5357.695000	8.000	0.026000	≤ 0.625	Pass	*6
		5357.695000	8.000	0.026000	≤ 0.625	Pass	*7

- *1 Measurement Range : 5135MHz ~ 5140MHz
 *2 Measurement Range : 5140MHz ~ 5233.3MHz
 *3 Measurement Range : 5233.3MHz ~ 5240MHz
 *4 Measurement Range : 5240MHz ~ 5249MHz
 *5 Measurement Range : 5249MHz ~ 5250MHz
 *6 Measurement Range : 5350MHz ~ 5360MHz
 *7 Measurement Range : 5360MHz ~ 5365MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5260	W	5223.470000	8.000	0.136000	≤ 2.5	Pass	*1
		5223.470000	8.000	0.136000	≤ 2.5	Pass	*2
		5239.933000	8.000	0.672000	≤ 15.558	Pass	*3
		5248.910000	8.000	81.700000	≤ 98.174	Pass	*4
		5249.983000	8.000	472.560000	≤ 961.612	Pass	*5
		5354.515000	8.000	0.108000	≤ 2.5	Pass	*6
		5354.515000	8.000	0.108000	≤ 2.5	Pass	*7
	C	5213.934900	8.000	0.109000	≤ 2.5	Pass	*1
		5213.964900	8.000	0.109000	≤ 2.5	Pass	*2
		5239.041900	8.000	0.252000	≤ 12.162	Pass	*3
		5248.928000	8.000	95.774000	≤ 98.537	Pass	*4
		5249.984000	8.000	715.400000	≤ 963.829	Pass	*5
		5358.535000	8.000	0.067000	≤ 2.5	Pass	*6
		5358.535000	8.000	0.067000	≤ 2.5	Pass	*7

- *1 Measurement Range : 5135MHz ~ 5140MHz
 *2 Measurement Range : 5140MHz ~ 5233.3MHz
 *3 Measurement Range : 5233.3MHz ~ 5240MHz
 *4 Measurement Range : 5240MHz ~ 5249MHz
 *5 Measurement Range : 5249MHz ~ 5250MHz
 *6 Measurement Range : 5350MHz ~ 5360MHz
 *7 Measurement Range : 5360MHz ~ 5365MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5320	1	5189.359900	8.000	0.022000	≤ 0.625	Pass	*1
		5189.359900	8.000	0.022000	≤ 0.625	Pass	*2
		5238.874400	8.000	0.034000	≤ 2.903	Pass	*3
		5242.358000	8.000	0.033000	≤ 6.42	Pass	*4
		5249.099000	8.000	0.035000	≤ 31.401	Pass	*5
		5359.375000	8.000	0.027000	≤ 0.625	Pass	*6
		5359.375000	8.000	0.027000	≤ 0.625	Pass	*7
	2	5210.494400	8.000	0.029000	≤ 0.625	Pass	*1
		5210.494400	8.000	0.029000	≤ 0.625	Pass	*2
		5237.923000	8.000	0.030000	≤ 2.232	Pass	*3
		5246.102000	8.000	0.029000	≤ 13.815	Pass	*4
		5249.484000	8.000	0.030000	≤ 76.197	Pass	*5
		5356.570000	8.000	0.035000	≤ 0.625	Pass	*6
		5356.570000	8.000	0.035000	≤ 0.625	Pass	*7
	3	5175.794500	8.000	0.019000	≤ 0.625	Pass	*1
		5175.794500	8.000	0.019000	≤ 0.625	Pass	*2
		5237.098900	8.000	0.027000	≤ 1.777	Pass	*3
		5245.517000	8.000	0.031000	≤ 12.256	Pass	*4
		5249.981000	8.000	0.025000	≤ 239.299	Pass	*5
		5351.170000	8.000	0.028000	≤ 0.625	Pass	*6
		5351.170000	8.000	0.028000	≤ 0.625	Pass	*7
	4	5233.300000	8.000	0.025000	≤ 0.625	Pass	*1
		5233.300000	8.000	0.025000	≤ 0.625	Pass	*2
		5233.956600	8.000	0.029000	≤ 0.746	Pass	*3
		5243.627000	8.000	0.025000	≤ 8.324	Pass	*4
		5249.659000	8.000	0.026000	≤ 114.009	Pass	*5
		5354.185000	8.000	0.027000	≤ 0.625	Pass	*6
		5354.185000	8.000	0.027000	≤ 0.625	Pass	*7

- *1 Measurement Range : 5135MHz ~ 5140MHz
 *2 Measurement Range : 5140MHz ~ 5233.3MHz
 *3 Measurement Range : 5233.3MHz ~ 5240MHz
 *4 Measurement Range : 5240MHz ~ 5249MHz
 *5 Measurement Range : 5249MHz ~ 5250MHz
 *6 Measurement Range : 5350MHz ~ 5360MHz
 *7 Measurement Range : 5360MHz ~ 5365MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5320	W	5210.494400	8.000	0.116000	≤ 2.5	Pass	*1
		5210.494400	8.000	0.116000	≤ 2.5	Pass	*2
		5238.874400	8.000	0.136000	≤ 11.612	Pass	*3
		5242.358000	8.000	0.132000	≤ 25.68	Pass	*4
		5249.099000	8.000	0.140000	≤ 125.602	Pass	*5
		5356.570000	8.000	0.140000	≤ 2.5	Pass	*6
		5356.570000	8.000	0.140000	≤ 2.5	Pass	*7
	C	5231.923850	8.000	0.150000	≤ 2.5	Pass	*1
		5231.923800	8.000	0.150000	≤ 2.5	Pass	*2
		5233.544790	8.000	0.137000	≤ 2.663	Pass	*3
		5247.983000	8.000	0.127000	≤ 81.208	Pass	*4
		5249.447000	8.000	0.104000	≤ 279.898	Pass	*5
		5351.710000	8.000	0.096000	≤ 2.5	Pass	*6
		5351.710000	8.000	0.096000	≤ 2.5	Pass	*7

- *1 Measurement Range : 5135MHz ~ 5140MHz
 *2 Measurement Range : 5140MHz ~ 5233.3MHz
 *3 Measurement Range : 5233.3MHz ~ 5240MHz
 *4 Measurement Range : 5240MHz ~ 5249MHz
 *5 Measurement Range : 5249MHz ~ 5250MHz
 *6 Measurement Range : 5350MHz ~ 5360MHz
 *7 Measurement Range : 5360MHz ~ 5365MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W56 : OFDM 20MHz System (IEEE 802.11a)

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5500	1	5458.445000	8.000	0.067000	≤ 2.5	Pass	*1
		5468.660000	8.000	0.166000	≤ 12.5	Pass	*2
		5735.440000	8.000	0.125000	≤ 12.5	Pass	*3
		5742.990000	8.000	0.058000	≤ 2.5	Pass	*4
	2	5458.155000	8.000	0.061000	≤ 2.5	Pass	*1
		5469.850000	8.000	0.121000	≤ 12.5	Pass	*2
		5736.430000	8.000	0.100000	≤ 12.5	Pass	*3
		5743.665000	8.000	0.047000	≤ 2.5	Pass	*4
	3	5458.565000	8.000	0.063000	≤ 2.5	Pass	*1
		5468.330000	8.000	0.111000	≤ 12.5	Pass	*2
		5735.590000	8.000	0.058000	≤ 12.5	Pass	*3
		5743.585000	8.000	0.043000	≤ 2.5	Pass	*4
	4	5458.560000	8.000	0.059000	≤ 2.5	Pass	*1
		5469.100000	8.000	0.193000	≤ 12.5	Pass	*2
		5734.840000	8.000	0.089000	≤ 12.5	Pass	*3
		5742.775000	8.000	0.042000	≤ 2.5	Pass	*4
	W	5458.445000	8.000	0.268000	≤ 2.5	Pass	*1
		5469.100000	8.000	0.772000	≤ 12.5	Pass	*2
		5735.440000	8.000	0.500000	≤ 12.5	Pass	*3
		5742.990000	8.000	0.232000	≤ 2.5	Pass	*4
	C	5458.745000	8.000	0.405000	≤ 2.5	Pass	*1
		5469.060000	8.000	1.238000	≤ 12.5	Pass	*2
		5732.500000	8.000	0.323000	≤ 12.5	Pass	*3
		5741.015000	8.000	0.194000	≤ 2.5	Pass	*4

*1 Measurement Range : 5455MHz ~ 5460MHz

*2 Measurement Range : 5460MHz ~ 5470MHz

*3 Measurement Range : 5725MHz ~ 5740MHz

*4 Measurement Range : 5740MHz ~ 5745MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5600	1	5457.845000	8.000	0.032000	≤ 2.5	Pass	*1
		5469.030000	8.000	0.042000	≤ 12.5	Pass	*2
		5726.710000	8.000	0.033000	≤ 12.5	Pass	*3
		5741.490000	8.000	0.040000	≤ 2.5	Pass	*4
	2	5459.210000	8.000	0.031000	≤ 2.5	Pass	*1
		5462.860000	8.000	0.026000	≤ 12.5	Pass	*2
		5732.200000	8.000	0.030000	≤ 12.5	Pass	*3
		5743.580000	8.000	0.031000	≤ 2.5	Pass	*4
	3	5456.590000	8.000	0.026000	≤ 2.5	Pass	*1
		5469.860000	8.000	0.025000	≤ 12.5	Pass	*2
		5731.975000	8.000	0.034000	≤ 12.5	Pass	*3
		5742.115000	8.000	0.031000	≤ 2.5	Pass	*4
	4	5458.140000	8.000	0.027000	≤ 2.5	Pass	*1
		5462.510000	8.000	0.035000	≤ 12.5	Pass	*2
		5730.040000	8.000	0.036000	≤ 12.5	Pass	*3
		5744.705000	8.000	0.039000	≤ 2.5	Pass	*4
	W	5457.845000	8.000	0.128000	≤ 2.5	Pass	*1
		5469.030000	8.000	0.168000	≤ 12.5	Pass	*2
		5730.040000	8.000	0.144000	≤ 12.5	Pass	*3
		5741.490000	8.000	0.160000	≤ 2.5	Pass	*4
	C	5458.575000	8.000	0.102000	≤ 2.5	Pass	*1
		5466.800000	8.000	0.088000	≤ 12.5	Pass	*2
		5736.940000	8.000	0.102000	≤ 12.5	Pass	*3
		5740.730000	8.000	0.101000	≤ 2.5	Pass	*4

*1 Measurement Range : 5455MHz ~ 5460MHz

*2 Measurement Range : 5460MHz ~ 5470MHz

*3 Measurement Range : 5725MHz ~ 5740MHz

*4 Measurement Range : 5740MHz ~ 5745MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5700	1	5457.870000	8.000	0.064000	≤ 2.5	Pass	*1
		5466.110000	8.000	0.100000	≤ 12.5	Pass	*2
		5730.055000	8.000	0.324000	≤ 12.5	Pass	*3
		5740.705000	8.000	0.075000	≤ 2.5	Pass	*4
	2	5456.860000	8.000	0.099000	≤ 2.5	Pass	*1
		5464.920000	8.000	0.075000	≤ 12.5	Pass	*2
		5725.270000	8.000	0.262000	≤ 12.5	Pass	*3
		5741.340000	8.000	0.079000	≤ 2.5	Pass	*4
	3	5458.685000	8.000	0.057000	≤ 2.5	Pass	*1
		5466.220000	8.000	0.073000	≤ 12.5	Pass	*2
		5726.530000	8.000	0.121000	≤ 12.5	Pass	*3
		5744.975000	8.000	0.050000	≤ 2.5	Pass	*4
	4	5455.710000	8.000	0.049000	≤ 2.5	Pass	*1
		5466.140000	8.000	0.072000	≤ 12.5	Pass	*2
		5725.420000	8.000	0.265000	≤ 12.5	Pass	*3
		5741.540000	8.000	0.063000	≤ 2.5	Pass	*4
	W	5456.860000	8.000	0.396000	≤ 2.5	Pass	*1
		5466.110000	8.000	0.400000	≤ 12.5	Pass	*2
		5730.055000	8.000	1.296000	≤ 12.5	Pass	*3
		5741.340000	8.000	0.316000	≤ 2.5	Pass	*4
	C	5457.735000	8.000	0.702000	≤ 2.5	Pass	*1
		5469.060000	8.000	0.449000	≤ 12.5	Pass	*2
		5730.745000	8.000	1.310000	≤ 12.5	Pass	*3
		5740.610000	8.000	0.368000	≤ 2.5	Pass	*4

*1 Measurement Range : 5455MHz ~ 5460MHz
 *2 Measurement Range : 5460MHz ~ 5470MHz
 *3 Measurement Range : 5725MHz ~ 5740MHz
 *4 Measurement Range : 5740MHz ~ 5745MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W52 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5180	1	5137.457000	8.000	0.024000	≤ 0.625	Pass	*1
		5137.457000	8.000	0.024000	≤ 0.625	Pass	*2
		5145.608000	8.000	0.022000	≤ 3.75	Pass	*3
		5250.986000	8.000	0.025000	≤ 25.819	Pass	*4
		5259.973000	8.000	0.025000	≤ 3.984	Pass	*5
		5266.438700	8.000	0.028000	≤ 0.669	Pass	*6
		5297.271300	8.000	0.031000	≤ 0.625	Pass	*7
		5297.271300	8.000	0.031000	≤ 0.625	Pass	*8
	2	5141.657000	8.000	0.029000	≤ 0.625	Pass	*1
		5141.657000	8.000	0.029000	≤ 0.625	Pass	*2
		5142.264000	8.000	0.022000	≤ 3.75	Pass	*3
		5250.408000	8.000	0.022000	≤ 97.71	Pass	*4
		5251.378000	8.000	0.027000	≤ 23.139	Pass	*5
		5261.447200	8.000	0.024000	≤ 2.656	Pass	*6
		5288.424300	8.000	0.023000	≤ 0.625	Pass	*7
		5288.424300	8.000	0.023000	≤ 0.625	Pass	*8
	3	5141.615000	8.000	0.041000	≤ 0.625	Pass	*1
		5141.615000	8.000	0.041000	≤ 0.625	Pass	*2
		5148.320000	8.000	0.025000	≤ 3.75	Pass	*3
		5250.198000	8.000	0.024000	≤ 158.467	Pass	*4
		5257.282000	8.000	0.024000	≤ 6.911	Pass	*5
		5264.341600	8.000	0.031000	≤ 1.194	Pass	*6
		5295.010400	8.000	0.024000	≤ 0.625	Pass	*7
		5294.010400	8.000	0.024000	≤ 0.625	Pass	*8
	4	5138.598000	8.000	0.024000	≤ 0.625	Pass	*1
		5138.598000	8.000	0.024000	# 0.625	Pass	*2
		5148.184000	8.000	0.025000	# 3.75	Pass	*3
		5250.916000	8.000	0.026000	# 30.335	Pass	*4
		5251.396000	8.000	0.026000	# 23.054	Pass	*5
		5265.494000	8.000	0.029000	# 0.868	Pass	*6
		5337.672600	8.000	0.022000	# 0.625	Pass	*7
		5337.672600	8.000	0.022000	# 0.625	Pass	*8

*1 Measurement Range : 5135MHz ~ 5140MHz
 *2 Measurement Range : 5140MHz ~ 5142MHz
 *3 Measurement Range : 5142MHz ~ 5150MHz
 *4 Measurement Range : 5250MHz ~ 5251MHz
 *5 Measurement Range : 5251MHz ~ 5260MHz
 *6 Measurement Range : 5260MHz ~ 5266.7MHz
 *7 Measurement Range : 5266.7MHz ~ 5360MHz
 *8 Measurement Range : 5360MHz ~ 5365MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5180	W	5141.615000	8.000	0.164000	≤ 2.5	Pass	*1
		5141.615000	8.000	0.164000	≤ 2.5	Pass	*2
		5148.320000	8.000	0.100000	≤ 15.0	Pass	*3
		5250.916000	8.000	0.104000	≤ 121.338	Pass	*4
		5251.378000	8.000	0.108000	≤ 92.555	Pass	*5
		5264.341600	8.000	0.124000	≤ 4.775	Pass	*6
		5297.271300	8.000	0.124000	≤ 2.5	Pass	*7
		5297.271300	8.000	0.124000	≤ 2.5	Pass	*8
	C	5139.277000	8.000	0.088000	≤ 2.5	Pass	*1
		5139.277000	8.000	0.088000	≤ 2.5	Pass	*2
		5147.576000	8.000	0.090000	≤ 15.0	Pass	*3
		5250.613000	8.000	0.093000	≤ 243.781	Pass	*4
		5254.357000	8.000	0.094000	≤ 50.303	Pass	*5
		5261.460600	8.000	0.111000	≤ 10.585	Pass	*6
		5344.062100	8.000	0.062000	≤ 2.5	Pass	*7
		5344.062100	8.000	0.062000	≤ 2.5	Pass	*8

- *1 Measurement Range : 5135MHz ~ 5140MHz
 *2 Measurement Range : 5140MHz ~ 5142MHz
 *3 Measurement Range : 5142MHz ~ 5150MHz
 *4 Measurement Range : 5250MHz ~ 5251MHz
 *5 Measurement Range : 5251MHz ~ 5260MHz
 *6 Measurement Range : 5260MHz ~ 5266.7MHz
 *7 Measurement Range : 5266.7MHz ~ 5360MHz
 *8 Measurement Range : 5360MHz ~ 5365MHz

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5240	1	5135.392000	8.000	0.019000	≤ 0.625	Pass	*1
		5135.392000	8.000	0.019000	≤ 0.625	Pass	*2
		5144.240000	8.000	0.023000	≤ 3.75	Pass	*3
		5250.030000	8.000	112.670000	≤ 233.314	Pass	*4
		5251.009000	8.000	19.530000	≤ 24.954	Pass	*5
		5260.536000	8.000	0.067000	≤ 3.417	Pass	*6
		5314.178900	8.000	0.033000	≤ 0.625	Pass	*7
		5314.178900	8.000	0.033000	≤ 0.625	Pass	*8
	2	5141.496000	8.000	0.018000	≤ 0.625	Pass	*1
		5141.496000	8.000	0.018000	≤ 0.625	Pass	*2
		5149.744000	8.000	0.020000	≤ 3.75	Pass	*3
		5250.064000	8.000	101.280000	≤ 215.745	Pass	*4
		5251.027000	8.000	9.930000	≤ 24.862	Pass	*5
		5260.294800	8.000	0.146000	≤ 3.652	Pass	*6
		5301.301600	8.000	0.023000	≤ 0.625	Pass	*7
		5301.301600	8.000	0.023000	≤ 0.625	Pass	*8
	3	5141.342000	8.000	0.019000	≤ 0.625	Pass	*1
		5141.342000	8.000	0.019000	≤ 0.625	Pass	*2
		5144.112000	8.000	0.019000	≤ 3.75	Pass	*3
		5250.022000	8.000	118.180000	≤ 237.651	Pass	*4
		5251.045000	8.000	13.001000	≤ 24.771	Pass	*5
		5261.869300	8.000	0.043000	≤ 2.364	Pass	*6
		5315.948300	8.000	0.026000	≤ 0.625	Pass	*7
		5315.948300	8.000	0.026000	≤ 0.625	Pass	*8
	4	5140.082000	8.000	0.024000	≤ 0.625	Pass	*1
		5140.082000	8.000	0.024000	≤ 0.625	Pass	*2
		5148.496000	8.000	0.024000	≤ 3.75	Pass	*3
		5250.024000	8.000	107.750000	≤ 236.559	Pass	*4
		5251.000000	8.000	11.415000	≤ 25.0	Pass	*5
		5260.080400	8.000	0.010900	≤ 3.875	Pass	*6
		5301.006700	8.000	0.025000	≤ 0.625	Pass	*7
		5301.006700	8.000	0.025000	≤ 0.625	Pass	*8

- *1 Measurement Range : 5135MHz ~ 5140MHz
 *2 Measurement Range : 5140MHz ~ 5142MHz
 *3 Measurement Range : 5142MHz ~ 5150MHz
 *4 Measurement Range : 5250MHz ~ 5251MHz
 *5 Measurement Range : 5251MHz ~ 5260MHz
 *6 Measurement Range : 5260MHz ~ 5266.7MHz
 *7 Measurement Range : 5266.7MHz ~ 5360MHz
 *8 Measurement Range : 5360MHz ~ 5365MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5240	W	5140.082000	8.000	0.096000	≤ 2.5	Pass	*1
		5140.082000	8.000	0.096000	≤ 2.5	Pass	*2
		5148.496000	8.000	0.096000	≤ 15.0	Pass	*3
		5250.022000	8.000	472.720000	≤ 950.604	Pass	*4
		5251.009000	8.000	78.120000	≤ 99.815	Pass	*5
		5260.294800	8.000	0.584000	≤ 14.609	Pass	*6
		5314.178900	8.000	0.132000	≤ 2.5	Pass	*7
		5314.178900	8.000	0.132000	≤ 2.5	Pass	*8
	C	5141.391000	8.000	0.067000	≤ 2.5	Pass	*1
		5141.391000	8.000	0.067000	≤ 2.5	Pass	*2
		5142.120000	8.000	0.056000	≤ 15.0	Pass	*3
		5250.002000	8.000	136.000000	≤ 995.405	Pass	*4
		5251.018000	8.000	22.884000	≤ 99.632	Pass	*5
		5260.455600	8.000	0.298000	≤ 13.974	Pass	*6
		5321.649700	8.000	0.092000	≤ 2.5	Pass	*7
		5321.649700	8.000	0.092000	≤ 2.5	Pass	*8

- *1 Measurement Range : 5135MHz ~ 5140MHz
 *2 Measurement Range : 5140MHz ~ 5142MHz
 *3 Measurement Range : 5142MHz ~ 5150MHz
 *4 Measurement Range : 5250MHz ~ 5251MHz
 *5 Measurement Range : 5251MHz ~ 5260MHz
 *6 Measurement Range : 5260MHz ~ 5266.7MHz
 *7 Measurement Range : 5266.7MHz ~ 5360MHz
 *8 Measurement Range : 5360MHz ~ 5365MHz

W53 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5260	1	5228.974800	8.000	0.027000	≤ 0.625	Pass	*1
		5228.974800	8.000	0.027000	≤ 0.625	Pass	*2
		5239.732000	8.000	0.139000	≤ 3.679	Pass	*3
		5248.937000	8.000	24.037000	≤ 24.68	Pass	*4
		5249.970000	8.000	202.410000	≤ 233.314	Pass	*5
		5354.275000	8.000	0.021000	≤ 0.625	Pass	*6
		5354.275000	8.000	0.021000	≤ 0.625	Pass	*7
	2	5230.056100	8.000	0.025000	≤ 0.625	Pass	*1
		5230.056100	8.000	0.025000	≤ 0.625	Pass	*2
		5237.266400	8.000	0.033000	≤ 1.862	Pass	*3
		5249.000000	8.000	16.557000	≤ 25.0	Pass	*4
		5249.876000	8.000	105.730000	≤ 187.906	Pass	*5
		5360.890000	8.000	0.024000	≤ 0.625	Pass	*6
		5360.890000	8.000	0.024000	≤ 0.625	Pass	*7
	3	5187.492200	8.000	0.023000	≤ 0.625	Pass	*1
		5187.492200	8.000	0.023000	≤ 0.625	Pass	*2
		5238.706900	8.000	0.070000	≤ 2.772	Pass	*3
		5249.973000	8.000	22.771000	≤ 30.509	Pass	*4
		5249.948000	8.000	147.140000	≤ 221.789	Pass	*5
		5364.925000	8.000	0.028000	≤ 0.625	Pass	*6
		5364.925000	8.000	0.028000	≤ 0.625	Pass	*7
	4	5225.730900	8.000	0.077000	≤ 0.625	Pass	*1
		5225.730900	8.000	0.077000	≤ 0.625	Pass	*2
		5239.423800	8.000	0.152000	≤ 3.379	Pass	*3
		5249.000000	8.000	22.550000	≤ 25.0	Pass	*4
		5249.926000	8.000	156.490000	≤ 210.834	Pass	*5
		5357.005000	8.000	0.022000	≤ 0.625	Pass	*6
		5357.005000	8.000	0.022000	≤ 0.625	Pass	*7

- *1 Measurement Range : 5135MHz ~ 5140MHz
 *2 Measurement Range : 5140MHz ~ 5233.3MHz
 *3 Measurement Range : 5233.3MHz ~ 5240MHz
 *4 Measurement Range : 5240MHz ~ 5249MHz
 *5 Measurement Range : 5249MHz ~ 5250MHz
 *6 Measurement Range : 5350MHz ~ 5360MHz
 *7 Measurement Range : 5360MHz ~ 5365MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5260	W	5225.730900	8.000	0.308000	≤ 2.5	Pass	*1
		5225.730900	8.000	0.308000	≤ 2.5	Pass	*2
		5239.423800	8.000	0.608000	≤ 13.516	Pass	*3
		5248.937000	8.000	96.148000	≤ 98.718	Pass	*4
		5249.970000	8.000	809.640000	≤ 933.254	Pass	*5
		5364.925000	8.000	0.112000	≤ 2.5	Pass	*6
		5364.925000	8.000	0.112000	≤ 2.5	Pass	*7
	C	5232.120400	8.000	0.118000	≤ 2.5	Pass	*1
		5232.120400	8.000	0.118000	≤ 2.5	Pass	*2
		5239.785600	8.000	0.323000	≤ 14.937	Pass	*3
		5248.910000	8.000	70.348000	≤ 98.174	Pass	*4
		5249.917000	8.000	730.570000	≤ 826.037	Pass	*5
		5353.915000	8.000	0.074000	≤ 2.5	Pass	*6
		5353.915000	8.000	0.074000	≤ 2.5	Pass	*7

- *1 Measurement Range : 5135MHz ~ 5140MHz
 *2 Measurement Range : 5140MHz ~ 5233.3MHz
 *3 Measurement Range : 5233.3MHz ~ 5240MHz
 *4 Measurement Range : 5240MHz ~ 5249MHz
 *5 Measurement Range : 5249MHz ~ 5250MHz
 *6 Measurement Range : 5350MHz ~ 5360MHz
 *7 Measurement Range : 5360MHz ~ 5365MHz

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5320	1	5225.829200	8.000	0.023000	≤ 0.625	Pass	*1
		5225.829200	8.000	0.023000	≤ 0.625	Pass	*2
		5238.579600	8.000	0.027000	≤ 2.676	Pass	*3
		5245.778000	8.000	0.025000	≤ 12.928	Pass	*4
		5249.132000	8.000	0.027000	≤ 33.88	Pass	*5
		5351.095000	8.000	0.029000	≤ 0.625	Pass	*6
		5351.095000	8.000	0.029000	≤ 0.625	Pass	*7
	2	5212.362100	8.000	0.020000	≤ 0.625	Pass	*1
		5212.362100	8.000	0.020000	≤ 0.625	Pass	*2
		5237.742100	8.000	0.026000	≤ 2.123	Pass	*3
		5243.312000	8.000	0.022000	≤ 7.804	Pass	*4
		5249.054000	8.000	0.023000	≤ 28.31	Pass	*5
		5351.055000	8.000	0.025000	≤ 0.625	Pass	*6
		5352.055000	8.000	0.025000	≤ 0.625	Pass	*7
	3	5193.685100	8.000	0.021000	≤ 0.625	Pass	*1
		5193.685100	8.000	0.021000	≤ 0.625	Pass	*2
		5237.460700	8.000	0.027000	≤ 1.964	Pass	*3
		5249.435000	8.000	0.028000	≤ 27.328	Pass	*4
		5249.422000	8.000	0.024000	≤ 66.06	Pass	*5
		5350.810000	8.000	0.028000	≤ 0.625	Pass	*6
		5350.810000	8.000	0.028000	≤ 0.625	Pass	*7
	4	5233.201700	8.000	0.026000	≤ 0.625	Pass	*1
		5233.201700	8.000	0.260000	≤ 0.625	Pass	*2
		5237.521000	8.000	0.027000	≤ 1.997	Pass	*3
		5247.164000	8.000	0.031000	≤ 17.169	Pass	*4
		5249.015000	8.000	0.023000	≤ 25.879	Pass	*5
		5353.570000	8.000	0.024000	≤ 0.625	Pass	*6
		5353.570000	8.000	0.024000	≤ 0.625	Pass	*7

- *1 Measurement Range : 5135MHz ~ 5140MHz
 *2 Measurement Range : 5140MHz ~ 5233.3MHz
 *3 Measurement Range : 5233.3MHz ~ 5240MHz
 *4 Measurement Range : 5240MHz ~ 5249MHz
 *5 Measurement Range : 5249MHz ~ 5250MHz
 *6 Measurement Range : 5350MHz ~ 5360MHz
 *7 Measurement Range : 5360MHz ~ 5365MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5320	W	5233.201700	8.000	0.104000	≤ 2.5	Pass	*1
		5233.201700	8.000	1.040000	≤ 2.5	Pass	*2
		5238.579600	8.000	0.108000	≤ 10.704	Pass	*3
		5247.164000	8.000	0.124000	≤ 68.675	Pass	*4
		5249.132000	8.000	0.108000	≤ 135.518	Pass	*5
		5351.095000	8.000	0.116000	≤ 2.5	Pass	*6
		5351.095000	8.000	0.116000	≤ 2.5	Pass	*7
	C	5224.354700	8.000	0.069000	≤ 2.5	Pass	*1
		5224.354700	8.000	0.069000	≤ 2.5	Pass	*2
		5238.325000	8.000	0.082000	≤ 9.977	Pass	*3
		5241.791000	8.000	0.080000	≤ 22.866	Pass	*4
		5249.778000	8.000	0.073000	≤ 599.791	Pass	*5
		5363.065000	8.000	0.092000	≤ 2.5	Pass	*6
		5363.065000	8.000	0.092000	≤ 2.5	Pass	*7

- *1 Measurement Range : 5135MHz ~ 5140MHz
 *2 Measurement Range : 5140MHz ~ 5233.3MHz
 *3 Measurement Range : 5233.3MHz ~ 5240MHz
 *4 Measurement Range : 5240MHz ~ 5249MHz
 *5 Measurement Range : 5249MHz ~ 5250MHz
 *6 Measurement Range : 5350MHz ~ 5360MHz
 *7 Measurement Range : 5360MHz ~ 5365MHz

W56 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5500	1	5459.990000	8.000	0.113000	≤ 0.625	Pass	*1
		5469.710000	8.000	0.286000	≤ 3.125	Pass	*2
		5735.395000	8.000	0.110000	≤ 3.125	Pass	*3
		5744.395000	8.000	0.058000	≤ 0.625	Pass	*4
	2	5459.100000	8.000	0.088000	≤ 0.625	Pass	*1
		5468.910000	8.000	0.190000	≤ 3.125	Pass	*2
		5735.515000	8.000	0.085000	≤ 3.125	Pass	*3
		5744.585000	8.000	0.052000	≤ 0.625	Pass	*4
	3	5459.905000	8.000	0.063000	≤ 0.625	Pass	*1
		5469.910000	8.000	0.344000	≤ 3.125	Pass	*2
		5737.120000	8.000	0.072000	≤ 3.125	Pass	*3
		5744.125000	8.000	0.040000	≤ 0.625	Pass	*4
	4	5159.230000	8.000	0.136000	≤ 0.625	Pass	*1
		5469.570000	8.000	0.259000	≤ 3.125	Pass	*2
		5734.810000	8.000	0.099000	≤ 3.125	Pass	*3
		5742.585000	8.000	0.043000	≤ 0.625	Pass	*4
	W	5159.230000	8.000	0.544000	≤ 2.5	Pass	*1
		5469.910000	8.000	1.376000	≤ 12.5	Pass	*2
		5735.395000	8.000	0.440000	≤ 12.5	Pass	*3
		5744.395000	8.000	0.232000	≤ 2.5	Pass	*4
	C	5459.480000	8.000	0.447000	≤ 2.5	Pass	*1
		5468.500000	8.000	1.556000	≤ 12.5	Pass	*2
		5736.460000	8.000	0.391000	≤ 12.5	Pass	*3
		5744.620000	8.000	0.239000	≤ 2.5	Pass	*4

- *1 Measurement Range : 5455MHz ~ 5460MHz
 *2 Measurement Range : 5460MHz ~ 5470MHz
 *3 Measurement Range : 5725MHz ~ 5740MHz
 *4 Measurement Range : 5740MHz ~ 5745MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5600	1	5458.770000	8.000	0.027000	≤ 0.625	Pass	*1
		5468.110000	8.000	0.030000	≤ 3.125	Pass	*2
		5729.215000	8.000	0.035000	≤ 3.125	Pass	*3
		5743.045000	8.000	0.042000	≤ 0.625	Pass	*4
	2	5459.230000	8.000	0.025000	≤ 0.625	Pass	*1
		5461.780000	8.000	0.031000	≤ 3.125	Pass	*2
		5739.085000	8.000	0.035000	≤ 3.125	Pass	*3
		5742.350000	8.000	0.028000	≤ 0.625	Pass	*4
	3	5457.275000	8.000	0.027000	≤ 0.625	Pass	*1
		5468.660000	8.000	0.024000	≤ 3.125	Pass	*2
		5730.475000	8.000	0.034000	≤ 3.125	Pass	*3
		5742.750000	8.000	0.029000	≤ 0.625	Pass	*4
	4	5458.845000	8.000	0.027000	≤ 0.625	Pass	*1
		5465.680000	8.000	0.032000	≤ 3.125	Pass	*2
		5737.210000	8.000	0.033000	≤ 3.125	Pass	*3
		5740.175000	8.000	0.032000	≤ 0.625	Pass	*4
	W	5458.770000	8.000	0.108000	≤ 2.5	Pass	*1
		5465.680000	8.000	0.128000	≤ 12.5	Pass	*2
		5729.215000	8.000	0.140000	≤ 12.5	Pass	*3
		5743.045000	8.000	0.168000	≤ 2.5	Pass	*4
	C	5458.295000	8.000	0.088000	≤ 2.5	Pass	*1
		5460.240000	8.000	0.081000	≤ 12.5	Pass	*2
		5739.760000	8.000	0.112000	≤ 12.5	Pass	*3
		5741.425000	8.000	0.085000	≤ 2.5	Pass	*4

*1 Measurement Range : 5455MHz ~ 5460MHz
 *2 Measurement Range : 5460MHz ~ 5470MHz
 *3 Measurement Range : 5725MHz ~ 5740MHz
 *4 Measurement Range : 5740MHz ~ 5745MHz

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5700	1	5456.180000	8.000	0.069000	≤ 0.625	Pass	*1
		5467.530000	8.000	0.129000	≤ 3.125	Pass	*2
		5728.435000	8.000	0.442000	≤ 3.125	Pass	*3
		5744.705000	8.000	0.074000	≤ 0.625	Pass	*4
	2	5457.180000	8.000	0.106000	≤ 0.625	Pass	*1
		5467.270000	8.000	0.084000	≤ 3.125	Pass	*2
		5728.720000	8.000	0.462000	≤ 3.125	Pass	*3
		5740.600000	8.000	0.222000	≤ 0.625	Pass	*4
	3	5458.445000	8.000	0.055000	≤ 0.625	Pass	*1
		5467.200000	8.000	0.079000	≤ 3.125	Pass	*2
		5725.990000	8.000	0.182000	≤ 3.125	Pass	*3
		5740.275000	8.000	0.073000	≤ 0.625	Pass	*4
	4	5455.890000	8.000	0.047000	≤ 0.625	Pass	*1
		5466.810000	8.000	0.065000	≤ 3.125	Pass	*2
		5725.090000	8.000	0.811000	≤ 3.125	Pass	*3
		5741.605000	8.000	0.073000	≤ 0.625	Pass	*4
	W	5457.180000	8.000	0.424000	≤ 2.5	Pass	*1
		5467.530000	8.000	0.516000	≤ 12.5	Pass	*2
		5725.090000	8.000	3.244000	≤ 12.5	Pass	*3
		5740.600000	8.000	0.888000	≤ 2.5	Pass	*4
	C	5459.750000	8.000	0.243000	≤ 2.5	Pass	*1
		5464.000000	8.000	0.495000	≤ 12.5	Pass	*2
		5729.395000	8.000	2.768000	≤ 12.5	Pass	*3
		5743.285000	8.000	0.278000	≤ 2.5	Pass	*4

*1 Measurement Range : 5455MHz ~ 5460MHz
 *2 Measurement Range : 5460MHz ~ 5470MHz
 *3 Measurement Range : 5725MHz ~ 5740MHz
 *4 Measurement Range : 5740MHz ~ 5745MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W52 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5190	1	5132.572800	8.000	0.027000	≤ 0.625	Pass	*1
		5149.680800	8.000	0.076000	≤ 3.75	Pass	*2
		5250.576000	8.000	0.027000	≤ 33.183	Pass	*3
		5262.400000	8.000	0.038000	≤ 4.139	Pass	*4
		5271.419600	8.000	0.025000	≤ 1.628	Pass	*5
		5357.804800	8.000	0.031000	≤ 0.625	Pass	*6
	2	5105.491200	8.000	0.030000	≤ 0.625	Pass	*1
		5149.680800	8.000	0.062000	≤ 3.75	Pass	*2
		5250.264000	8.000	0.043000	≤ 68.063	Pass	*3
		5262.818000	8.000	0.044000	≤ 3.975	Pass	*4
		5272.545200	8.000	0.040000	≤ 1.394	Pass	*5
		5339.564800	8.000	0.042000	≤ 0.625	Pass	*6
	3	5140.310400	8.000	0.029000	≤ 0.625	Pass	*1
		5149.739600	8.000	0.064000	≤ 3.75	Pass	*2
		5250.579000	8.000	0.031000	≤ 32.954	Pass	*3
		5254.781000	8.000	0.027000	≤ 8.664	Pass	*4
		5276.636000	8.000	0.032000	≤ 0.792	Pass	*5
		5297.004800	8.000	0.024000	≤ 0.625	Pass	*6
	4	5139.728000	8.000	0.029000	≤ 0.625	Pass	*1
		5149.294400	8.000	0.065000	≤ 3.75	Pass	*2
		5250.904000	8.000	0.025000	≤ 15.592	Pass	*3
		5262.951000	8.000	0.032000	≤ 3.924	Pass	*4
		5277.870800	8.000	0.027000	≤ 0.668	Pass	*5
		5327.040000	8.000	0.026000	≤ 0.625	Pass	*6
	W	5105.491200	8.000	0.120000	≤ 2.5	Pass	*1
		5149.680800	8.000	0.304000	≤ 15.0	Pass	*2
		5250.264000	8.000	0.172000	≤ 272.251	Pass	*3
		5262.818000	8.000	0.176000	≤ 15.899	Pass	*4
		5272.545200	8.000	0.160000	≤ 5.575	Pass	*5
		5339.564800	8.000	0.168000	≤ 2.5	Pass	*6
	C	5120.592000	8.000	0.090000	≤ 2.5	Pass	*1
		5146.052000	8.000	0.147000	≤ 15.0	Pass	*2
		5250.037000	8.000	0.100000	≤ 459.166	Pass	*3
		5251.684000	8.000	0.105000	≤ 46.791	Pass	*4
		5271.386000	8.000	0.097000	≤ 6.543	Pass	*5
		5334.214400	8.000	0.085000	≤ 2.5	Pass	*6

- *1 Measurement Range : 5100MHz ~ 5141.6MHz
 *2 Measurement Range : 5141.6MHz ~ 5150MHz
 *3 Measurement Range : 5250MHz ~ 5251MHz
 *4 Measurement Range : 5251MHz ~ 5270MHz
 *5 Measurement Range : 5270MHz ~ 5278.4MHz
 *6 Measurement Range : 5278.4MHz ~ 5400MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5230	1	5137.024000	8.000	0.023000	≤ 0.625	Pass	*1
		5147.950400	8.000	0.030000	≤ 3.75	Pass	*2
		5250.063000	8.000	9.592000	≤ 108.121	Pass	*3
		5251.076000	8.000	1.456000	≤ 12.408	Pass	*4
		5270.680400	8.000	0.058000	≤ 1.803	Pass	*5
		5298.342400	8.000	0.035000	≤ 0.625	Pass	*6
	2	5137.606400	8.000	0.023000	≤ 0.625	Pass	*1
		5149.144000	8.000	0.024000	≤ 3.75	Pass	*2
		5250.000000	8.000	8.178000	≤ 125.0	Pass	*3
		5251.152000	8.000	1.105000	≤ 12.317	Pass	*4
		5270.084000	8.000	0.053000	≤ 1.958	Pass	*5
		5280.224000	8.000	0.035000	≤ 0.625	Pass	*6
	3	5134.528000	8.000	0.025000	≤ 0.625	Pass	*1
		5145.228800	8.000	0.021000	≤ 3.75	Pass	*2
		5250.060000	8.000	8.040000	≤ 108.87	Pass	*3
		5251.114000	8.000	1.304000	≤ 12.363	Pass	*4
		5270.613200	8.000	0.098000	≤ 1.82	Pass	*5
		5300.896000	8.000	0.035000	≤ 0.625	Pass	*6
	4	5124.211200	8.000	0.023000	≤ 0.625	Pass	*1
		5142.910400	8.000	0.024000	≤ 3.75	Pass	*2
		5250.031000	8.000	7.876000	≤ 116.388	Pass	*3
		5251.095000	8.000	1.484000	≤ 12.385	Pass	*4
		5270.915600	8.000	0.055000	≤ 1.746	Pass	*5
		5373.734400	8.000	0.027000	≤ 0.625	Pass	*6
	W	5134.528000	8.000	0.100000	≤ 2.5	Pass	*1
		5147.950400	8.000	0.120000	≤ 15.0	Pass	*2
		5250.063000	8.000	38.368000	≤ 432.483	Pass	*3
		5251.095000	8.000	5.936000	≤ 49.541	Pass	*4
		5270.613200	8.000	0.392000	≤ 7.28	Pass	*5
		5298.342400	8.000	0.140000	≤ 2.5	Pass	*6
	C	5133.904000	8.000	0.067000	≤ 2.5	Pass	*1
		5145.875600	8.000	0.086000	≤ 15.0	Pass	*2
		5250.020000	8.000	26.439000	≤ 477.496	Pass	*3
		5251.209000	8.000	6.929000	≤ 48.997	Pass	*4
		5271.470000	8.000	0.266000	≤ 6.467	Pass	*5
		5279.737600	8.000	0.089000	≤ 2.5	Pass	*6

- *1 Measurement Range : 5100MHz ~ 5141.6MHz
 *2 Measurement Range : 5141.6MHz ~ 5150MHz
 *3 Measurement Range : 5250MHz ~ 5251MHz
 *4 Measurement Range : 5251MHz ~ 5270MHz
 *5 Measurement Range : 5270MHz ~ 5278.4MHz
 *6 Measurement Range : 5278.4MHz ~ 5400MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W53 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5270	1	5191.080000	8.000	0.038000	≤ 0.625	Pass	*1
		5221.066400	8.000	0.033000	≤ 0.625	Pass	*2
		5228.538400	8.000	0.049000	≤ 1.619	Pass	*3
		5248.981000	8.000	2.489000	≤ 12.477	Pass	*4
		5249.996000	8.000	16.452000	≤ 123.854	Pass	*5
		5355.073600	8.000	0.025000	≤ 3.75	Pass	*6
		5361.936000	8.000	0.025000	≤ 0.625	Pass	*7
	2	5188.440000	8.000	0.027000	≤ 0.625	Pass	*1
		5218.711600	8.000	0.028000	≤ 0.625	Pass	*2
		5225.976400	8.000	0.049000	≤ 1.136	Pass	*3
		5248.943000	8.000	1.481000	≤ 12.431	Pass	*4
		5249.949000	8.000	10.148000	≤ 111.15	Pass	*5
		5354.938000	8.000	0.025000	≤ 3.75	Pass	*6
		5382.444800	8.000	0.022000	≤ 0.625	Pass	*7
	3	5121.340000	8.000	0.023000	≤ 0.625	Pass	*1
		5221.518800	8.000	0.033000	≤ 0.625	Pass	*2
		5224.892800	8.000	0.038000	≤ 0.978	Pass	*3
		5248.791000	8.000	1.336000	≤ 12.249	Pass	*4
		5249.978000	8.000	11.911000	≤ 118.826	Pass	*5
		5352.923200	8.000	0.033000	≤ 3.75	Pass	*6
		5391.513600	8.000	0.037000	≤ 0.625	Pass	*7
	4	5182.610000	8.000	0.027000	≤ 0.625	Pass	*1
		5217.609600	8.000	0.040000	≤ 0.625	Pass	*2
		5229.865600	8.000	0.087000	≤ 1.945	Pass	*3
		5249.000000	8.000	2.221000	≤ 12.5	Pass	*4
		5249.990000	8.000	15.704000	≤ 122.155	Pass	*5
		5352.234400	8.000	0.030000	≤ 3.75	Pass	*6
		5361.977600	8.000	0.030000	≤ 0.625	Pass	*7

- *1 Measurement Range : 5100MHz ~ 5210MHz
 *2 Measurement Range : 5210MHz ~ 5221.6MHz
 *3 Measurement Range : 5221.6MHz ~ 5230MHz
 *4 Measurement Range : 5230MHz ~ 5249MHz
 *5 Measurement Range : 5249MHz ~ 5250MHz
 *6 Measurement Range : 5350MHz ~ 5358.4MHz
 *7 Measurement Range : 5358.4MHz ~ 5400MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4

S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5270	W	5191.080000	8.000	0.152000	≤ 2.5	Pass	*1
		5217.609600	8.000	0.160000	≤ 2.5	Pass	*2
		5229.865600	8.000	0.348000	≤ 7.778	Pass	*3
		5248.981000	8.000	9.956000	≤ 49.907	Pass	*4
		5249.996000	8.000	65.808000	≤ 495.415	Pass	*5
		5352.923200	8.000	0.132000	≤ 15.0	Pass	*6
		5391.513600	8.000	0.148000	≤ 2.5	Pass	*7
	C	5204.280000	8.000	0.102000	≤ 2.5	Pass	*1
		5219.918000	8.000	0.101000	≤ 2.5	Pass	*2
		5225.934400	8.000	0.202000	≤ 4.518	Pass	*3
		5248.981000	8.000	6.597000	≤ 49.907	Pass	*4
		5249.993000	8.000	47.360000	≤ 492.005	Pass	*5
		5354.586400	8.000	0.103000	≤ 15.0	Pass	*6
		5369.340800	8.000	0.070000	≤ 2.5	Pass	*7

- *1 Measurement Range : 5100MHz ~ 5210MHz
 *2 Measurement Range : 5210MHz ~ 5221.6MHz
 *3 Measurement Range : 5221.6MHz ~ 5230MHz
 *4 Measurement Range : 5230MHz ~ 5249MHz
 *5 Measurement Range : 5249MHz ~ 5250MHz
 *6 Measurement Range : 5350MHz ~ 5358.4MHz
 *7 Measurement Range : 5358.4MHz ~ 5400MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4

S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5310	1	5160.830000	8.000	0.029000	≤ 0.625	Pass	*1
		5221.147600	8.000	0.031000	≤ 0.625	Pass	*2
		5228.639200	8.000	0.029000	≤ 1.642	Pass	*3
		5231.748000	8.000	0.042000	≤ 2.347	Pass	*4
		5249.962000	8.000	0.033000	≤ 114.528	Pass	*5
		5350.680400	8.000	0.055000	≤ 3.75	Pass	*6
		5378.284800	8.000	0.031000	≤ 0.625	Pass	*7
	2	45142.130000	8.000	0.022000	≤ 0.625	Pass	*1
		5220.045600	8.000	0.025000	≤ 0.625	Pass	*2
		5224.934800	8.000	0.024000	≤ 0.984	Pass	*3
		5244.649000	8.000	0.028000	≤ 8.198	Pass	*4
		5249.012000	8.000	0.029000	≤ 12.85	Pass	*5
		5352.091600	8.000	0.093000	≤ 3.75	Pass	*6
		5366.345600	8.000	0.026000	≤ 0.625	Pass	*7
	3	5139.710000	8.000	0.026000	≤ 0.625	Pass	*1
		5220.045600	8.000	0.030000	≤ 0.625	Pass	*2
		5222.431600	8.000	0.028000	≤ 0.696	Pass	*3
		5248.468000	8.000	0.034000	≤ 11.872	Pass	*4
		5249.692000	8.000	0.027000	≤ 61.505	Pass	*5
		5352.049600	8.000	0.047000	≤ 3.75	Pass	*6
		5368.342400	8.000	0.033000	≤ 0.625	Pass	*7
	4	5146.310000	8.000	0.029000	≤ 0.625	Pass	*1
		5218.665200	8.000	0.027000	≤ 0.625	Pass	*2
		5225.858800	8.000	0.027000	≤ 1.118	Pass	*3
		5239.215000	8.000	0.031000	≤ 4.841	Pass	*4
		5249.145000	8.000	0.023000	≤ 17.455	Pass	*5
		5352.049600	8.000	0.046000	≤ 3.75	Pass	*6
		5381.238400	8.000	0.024000	≤ 0.625	Pass	*7

- *1 Measurement Range : 5100MHz ~ 5210MHz
 *2 Measurement Range : 5210MHz ~ 5221.6MHz
 *3 Measurement Range : 5221.6MHz ~ 5230MHz
 *4 Measurement Range : 5230MHz ~ 5249MHz
 *5 Measurement Range : 5249MHz ~ 5250MHz
 *6 Measurement Range : 5350MHz ~ 5358.4MHz
 *7 Measurement Range : 5358.4MHz ~ 5400MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5310	W	5160.830000	8.000	0.116000	≤ 2.5	Pass	*1
		5221.147600	8.000	0.124000	≤ 2.5	Pass	*2
		5228.639200	8.000	0.116000	≤ 6.566	Pass	*3
		5231.748000	8.000	0.168000	≤ 9.387	Pass	*4
		5249.962000	8.000	0.132000	≤ 458.11	Pass	*5
		5352.091600	8.000	0.372000	≤ 15.0	Pass	*6
		5368.342400	8.000	0.132000	≤ 2.5	Pass	*7
	C	5160.940000	8.000	0.133000	≤ 2.5	Pass	*1
		5220.927200	8.000	0.107000	≤ 2.5	Pass	*2
		5225.035600	8.000	0.097000	≤ 3.991	Pass	*3
		5233.876000	8.000	0.098000	≤ 11.539	Pass	*4
		5249.859000	8.000	0.097000	≤ 361.384	Pass	*5
		5351.226400	8.000	0.207000	≤ 15.0	Pass	*6
		5359.024000	8.000	0.096000	≤ 2.5	Pass	*7

- *1 Measurement Range : 5100MHz ~ 5210MHz
 *2 Measurement Range : 5210MHz ~ 5221.6MHz
 *3 Measurement Range : 5221.6MHz ~ 5230MHz
 *4 Measurement Range : 5230MHz ~ 5249MHz
 *5 Measurement Range : 5249MHz ~ 5250MHz
 *6 Measurement Range : 5350MHz ~ 5358.4MHz
 *7 Measurement Range : 5358.4MHz ~ 5400MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W56 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5510	1	5459.280000	8.000	0.330000	≤ 3.125	Pass	*1
		5466.000000	8.000	2.235000	≤ 12.5	Pass	*2
		5744.775000	8.000	0.051000	≤ 3.125	Pass	*3
	2	5456.880000	8.000	0.415000	≤ 3.125	Pass	*1
		5470.000000	8.000	4.310000	≤ 12.5	Pass	*2
		5755.310000	8.000	0.037000	≤ 3.125	Pass	*3
	3	5454.160000	8.000	0.209000	≤ 3.125	Pass	*1
		5467.410000	8.000	2.130000	≤ 12.5	Pass	*2
		5743.480000	8.000	0.043000	≤ 3.125	Pass	*3
	4	5456.080000	8.000	0.293000	≤ 3.125	Pass	*1
		5466.400000	8.000	3.371000	≤ 12.5	Pass	*2
		5732.350000	8.000	0.035000	≤ 3.125	Pass	*3
	W	5456.880000	8.000	1.660000	≤ 12.5	Pass	*1
		5470.000000	8.000	17.240000	≤ 50.0	Pass	*2
		5744.775000	8.000	0.204000	≤ 12.5	Pass	*3
	C	5459.240000	8.000	1.707000	≤ 12.5	Pass	*1
		5469.170000	8.000	19.271000	≤ 50.0	Pass	*2
		5759.580000	8.000	0.181000	≤ 12.5	Pass	*3

*1 Measurement Range : 5420MHz ~ 5460MHz

*2 Measurement Range : 5460MHz ~ 5470MHz

*3 Measurement Range : 5725MHz ~ 5760MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5590	1	5437.520000	8.000	0.081000	≤ 3.125	Pass	*1
		5461.170000	8.000	0.034000	≤ 12.5	Pass	*2
		5743.690000	8.000	0.083000	≤ 3.125	Pass	*3
	2	5437.040000	8.000	0.100000	≤ 3.125	Pass	*1
		5466.870000	8.000	0.042000	≤ 12.5	Pass	*2
		5739.805000	8.000	0.073000	≤ 3.125	Pass	*3
	3	5439.240000	8.000	0.099000	≤ 3.125	Pass	*1
		5460.500000	8.000	0.037000	≤ 12.5	Pass	*2
		5742.150000	8.000	0.078000	≤ 3.125	Pass	*3
	4	5439.960000	8.000	0.062000	≤ 3.125	Pass	*1
		5468.890000	8.000	0.033000	≤ 12.5	Pass	*2
		5738.860000	8.000	0.061000	≤ 3.125	Pass	*3
	W	5437.040000	8.000	0.400000	≤ 12.5	Pass	*1
		5466.870000	8.000	0.168000	≤ 50.0	Pass	*2
		5743.690000	8.000	0.332000	≤ 12.5	Pass	*3
	C	5444.200000	8.000	0.386000	≤ 12.5	Pass	*1
		5465.490000	8.000	0.092000	≤ 50.0	Pass	*2
		5744.075000	8.000	0.299000	≤ 12.5	Pass	*3

*1 Measurement Range : 5420MHz ~ 5460MHz

*2 Measurement Range : 5460MHz ~ 5470MHz

*3 Measurement Range : 5725MHz ~ 5760MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5670	1	5436.000000	8.000	0.038000	≤ 3.125	Pass	*1
		5466.320000	8.000	0.027000	≤ 12.5	Pass	*2
		5730.215000	8.000	0.134000	≤ 3.125	Pass	*3
	2	5435.520000	8.000	0.038000	≤ 3.125	Pass	*1
		5462.110000	8.000	0.022000	≤ 12.5	Pass	*2
		5728.395000	8.000	0.200000	≤ 3.125	Pass	*3
	3	5435.880000	8.000	0.034000	≤ 3.125	Pass	*1
		5464.100000	8.000	0.026000	≤ 12.5	Pass	*2
		5726.225000	8.000	0.130000	≤ 3.125	Pass	*3
	4	5436.960000	8.000	0.031000	≤ 3.125	Pass	*1
		5467.640000	8.000	0.021000	≤ 12.5	Pass	*2
		5726.085000	8.000	0.299000	≤ 3.125	Pass	*3
	W	5436.000000	8.000	0.152000	≤ 12.5	Pass	*1
		5466.320000	8.000	0.108000	≤ 50.0	Pass	*2
		5726.085000	8.000	1.196000	≤ 12.5	Pass	*3
	C	5423.920000	8.000	0.180000	≤ 12.5	Pass	*1
		5466.520000	8.000	0.062000	≤ 50.0	Pass	*2
		5725.000000	8.000	1.717000	≤ 12.5	Pass	*3

*1 Measurement Range : 5420MHz ~ 5460MHz
 *2 Measurement Range : 5460MHz ~ 5470MHz
 *3 Measurement Range : 5725MHz ~ 5760MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W52 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5210	1	5117.214400	8.000	0.024500	≤ 0.625	Pass	*1
		5144.372000	8.000	0.059000	≤ 3.75	Pass	*2
		5250.117000	8.000	5.430900	≤ 47.74	Pass	*3
		5251.351000	8.000	1.138200	≤ 6.147	Pass	*4
		5292.184200	8.000	0.037700	≤ 0.852	Pass	*5
		5312.830400	8.000	0.026000	≤ 0.625	Pass	*6
	2	5109.164800	8.000	0.030100	≤ 0.625	Pass	*1
		5149.651600	8.000	0.065000	≤ 3.75	Pass	*2
		5250.118000	8.000	3.814600	≤ 47.63	Pass	*3
		5251.117000	8.000	1.498900	≤ 6.216	Pass	*4
		5296.566000	8.000	0.033600	≤ 0.629	Pass	*5
		5306.781500	8.000	0.029200	≤ 0.625	Pass	*6
	3	5121.342400	8.000	0.019300	≤ 0.625	Pass	*1
		5145.202800	8.000	0.031000	≤ 3.75	Pass	*2
		5250.209000	8.000	3.137800	≤ 38.626	Pass	*3
		5251.039000	8.000	1.388500	≤ 6.238	Pass	*4
		5296.478900	8.000	0.039200	≤ 0.633	Pass	*5
		5320.345700	8.000	0.027200	≤ 0.625	Pass	*6
	4	5086.667200	8.000	0.025800	≤ 0.625	Pass	*1
		5146.810800	8.000	0.131200	≤ 3.75	Pass	*2
		5250.026000	8.000	5.103300	≤ 58.868	Pass	*3
		5251.234000	8.000	1.089800	≤ 6.181	Pass	*4
		5290.221100	8.000	0.044400	≤ 0.976	Pass	*5
		5303.848700	8.000	0.030700	≤ 0.625	Pass	*6
	W	5109.164800	8.000	0.120400	≤ 2.5	Pass	*1
		5146.810800	8.000	0.524800	≤ 15.0	Pass	*2
		5250.117000	8.000	21.723600	≤ 190.958	Pass	*3
		5251.117000	8.000	5.995600	≤ 24.862	Pass	*4
		5290.221100	8.000	0.177600	≤ 3.902	Pass	*5
		5303.848700	8.000	0.122800	≤ 2.5	Pass	*6
	C	5098.225600	8.000	0.068500	≤ 2.5	Pass	*1
		5149.705200	8.000	0.337200	≤ 15.0	Pass	*2
		5250.157000	8.000	14.058000	≤ 174.156	Pass	*3
		5251.117000	8.000	4.818700	≤ 24.862	Pass	*4
		5291.353400	8.000	0.161600	≤ 3.608	Pass	*5
		5356.272500	8.000	0.089100	≤ 2.5	Pass	*6

*1 Measurement Range : 5020MHz ~ 5123.2MHz
 *2 Measurement Range : 5123.2MHz ~ 5150MHz
 *3 Measurement Range : 5250MHz ~ 5251MHz
 *4 Measurement Range : 5251MHz ~ 5290MHz
 *5 Measurement Range : 5290MHz ~ 5296.7MHz
 *6 Measurement Range : 5296.7MHz ~ 5480MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W53 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5290	1	5198.167600	8.000	0.038500	≤ 0.625	Pass	*1
		5205.651700	8.000	0.055800	≤ 0.734	Pass	*2
		5248.961000	8.000	2.908200	≤ 6.238	Pass	*3
		5249.981000	8.000	13.849000	≤ 59.825	Pass	*4
		5351.117200	8.000	0.083200	≤ 3.75	Pass	*5
		5382.269600	8.000	0.039300	≤ 0.625	Pass	*6
	2	5200.550500	8.000	0.053400	≤ 0.625	Pass	*1
		5204.110700	8.000	0.038400	≤ 0.659	Pass	*2
		5248.571000	8.000	1.477300	≤ 6.125	Pass	*3
		5249.986000	8.000	9.751300	≤ 60.517	Pass	*4
		5351.956400	8.000	0.115900	≤ 3.75	Pass	*5
		5379.689600	8.000	0.060700	≤ 0.625	Pass	*6
	3	5198.167600	8.000	0.037300	≤ 0.625	Pass	*1
		5207.976600	8.000	0.045600	≤ 0.861	Pass	*2
		5248.922000	8.000	2.316500	≤ 6.227	Pass	*3
		5249.948000	8.000	10.408000	≤ 55.447	Pass	*4
		5353.778800	8.000	0.090300	≤ 3.75	Pass	*5
		5378.554400	8.000	0.050400	≤ 0.625	Pass	*6
	4	5203.300000	8.000	0.049600	≤ 0.625	Pass	*1
		5206.676800	8.000	0.049300	≤ 0.787	Pass	*2
		5248.493000	8.000	1.594300	≤ 6.102	Pass	*3
		5249.922000	8.000	13.214000	≤ 52.225	Pass	*4
		5350.026800	8.000	0.157100	≤ 3.75	Pass	*5
		5385.159200	8.000	0.056800	≤ 0.625	Pass	*6
	W	5200.550500	8.000	0.213600	≤ 2.5	Pass	*1
		5205.651700	8.000	0.223200	≤ 2.934	Pass	*2
		5248.961000	8.000	11.632800	≤ 24.953	Pass	*3
		5249.981000	8.000	55.396000	≤ 239.298	Pass	*4
		5350.026800	8.000	0.628400	≤ 15.0	Pass	*5
		5379.689600	8.000	0.242800	≤ 2.5	Pass	*6
	C	5200.183900	8.000	0.165600	≤ 2.5	Pass	*1
		5208.485800	8.000	0.204500	≤ 3.568	Pass	*2
		5248.766000	8.000	8.104900	≤ 24.725	Pass	*3
		5249.797000	8.000	33.160000	≤ 156.653	Pass	*4
		5360.827200	8.000	0.460900	≤ 15.0	Pass	*5
		5379.380000	8.000	0.265000	≤ 2.5	Pass	*6

- *1 Measurement Range : 5020MHz ~ 5203.3MHz
 *2 Measurement Range : 5203.3MHz ~ 5210MHz
 *3 Measurement Range : 5210MHz ~ 5249MHz
 *4 Measurement Range : 5249MHz ~ 5250MHz
 *5 Measurement Range : 5350MHz ~ 5376.8MHz
 *6 Measurement Range : 5376.8MHz ~ 5480MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W56 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5530	1	5459.160000	8.000	0.003000	≤ 3.125	Pass	*1
		5462.508000	8.000	5.368300	≤ 12.5	Pass	*2
		5469.791000	8.000	3.958200	≤ 12.8	Pass	*3
		5725.375000	8.000	0.048900	≤ 3.125	Pass	*4
	2	5457.840000	8.000	0.029700	≤ 3.125	Pass	*1
		5465.168000	8.000	5.027000	≤ 12.5	Pass	*2
		5789.800000	8.000	5.897600	≤ 12.8	Pass	*3
		5727.100000	8.000	0.051600	≤ 3.125	Pass	*4
	3	5456.400000	8.000	0.003600	≤ 3.125	Pass	*1
		5465.512500	8.000	8.359300	≤ 12.5	Pass	*2
		5469.526000	8.000	7.754300	≤ 12.8	Pass	*3
		5789.800000	8.000	0.029500	≤ 3.125	Pass	*4
	4	5456.880000	8.000	0.005800	≤ 3.125	Pass	*1
		5469.338500	8.000	7.790700	≤ 12.5	Pass	*2
		5469.693500	8.000	9.405900	≤ 12.8	Pass	*3
		5747.500000	8.000	0.033300	≤ 3.125	Pass	*4
	W	5457.840000	8.000	0.118800	≤ 12.5	Pass	*1
		5465.512500	8.000	33.437200	≤ 50.0	Pass	*2
		5469.693500	8.000	37.623600	≤ 51.2	Pass	*3
		5727.100000	8.000	0.206400	≤ 12.5	Pass	*4
	C	5454.600000	8.000	0.015100	≤ 12.5	Pass	*1
		5468.835000	8.000	24.772000	≤ 50.0	Pass	*2
		5469.875000	8.000	35.590000	≤ 51.2	Pass	*3
		5778.475000	8.000	0.110100	≤ 12.5	Pass	*4

- *1 Measurement Range : 5340MHz ~ 5460MHz
 *2 Measurement Range : 5460MHz ~ 5469.5MHz
 *3 Measurement Range : 5469.5MHz ~ 5470MHz
 *4 Measurement Range : 5725MHz ~ 5860MHz

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

Center Freq (MHz)	TX	Measured Freq (MHz)	Ant Gain (dBi)	Result (μW/MHz)	Limit (μW/MHz)	Verdict	Note
5610	1	5452.800000	8.000	0.056200	≤ 3.125	Pass	*1
		5464.740500	8.000	0.105200	≤ 12.5	Pass	*2
		5469.811500	8.000	0.090900	≤ 12.8	Pass	*3
		5733.325000	8.000	0.135900	≤ 3.125	Pass	*4
	2	5424.000000	8.000	0.053000	≤ 3.125	Pass	*1
		5460.475000	8.000	0.075400	≤ 12.5	Pass	*2
		5469.944000	8.000	0.140400	≤ 12.8	Pass	*3
		5728.225000	8.000	0.105700	≤ 3.125	Pass	*4
	3	5444.640000	8.000	0.052400	≤ 3.125	Pass	*1
		5467.780500	8.000	0.065300	≤ 12.5	Pass	*2
		5469.677000	8.000	0.066800	≤ 12.8	Pass	*3
		5753.575000	8.000	0.058500	≤ 3.125	Pass	*4
	4	5459.160000	8.000	0.075500	≤ 3.125	Pass	*1
		5464.170500	8.000	0.122100	≤ 12.5	Pass	*2
		5469.820000	8.000	0.074000	≤ 12.8	Pass	*3
		5725.000000	8.000	0.201100	≤ 3.125	Pass	*4
	W	5459.160000	8.000	0.302000	≤ 12.5	Pass	*1
		5464.170500	8.000	0.488400	≤ 50.0	Pass	*2
		5469.944000	8.000	0.561600	≤ 51.2	Pass	*3
		5725.000000	8.000	0.804400	≤ 12.5	Pass	*4
	C	5454.120000	8.000	0.301900	≤ 12.5	Pass	*1
		5468.949000	8.000	0.270500	≤ 50.0	Pass	*2
		5469.809000	8.000	0.239700	≤ 51.2	Pass	*3
		5744.425000	8.000	0.602900	≤ 12.5	Pass	*4

- *1 Measurement Range : 5340MHz ~ 5460MHz
 *2 Measurement Range : 5460MHz ~ 5469.5MHz
 *3 Measurement Range : 5469.5MHz ~ 5470MHz
 *4 Measurement Range : 5725MHz ~ 5860MHz

5.9. Burst Length of Transmitted Signals

5.9.1. Limit

Tested Band	Limits
5GHz	≤ 4 msec

5.9.2 Test result (IEEE 802.11a/n/ac)

W52 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	TX	Limit (msec)	Verdict
5180	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good
5240	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W53 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	TX	Limit (msec)	Verdict
5260	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good
5320	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good

W56 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	TX	Limit (msec)	Verdict
5500	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good
5600	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good
5700	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good

W52 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	TX	Limit (msec)	Verdict
5180	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good
5240	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good

W53 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	TX	Limit (msec)	Verdict
5260	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good
5320	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W56 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	TX	Limit (msec)	Verdict
5500	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good
5600	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good
5700	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good

W52 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	TX	Limit (msec)	Verdict
5190	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good
5230	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good

W53 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	TX	Limit (msec)	Verdict
5270	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good
5310	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good

W56 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	TX	Limit (msec)	Verdict
5510	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good
5590	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good
5670	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W52 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	TX	Limit (msec)	Verdict
5210	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good

W53 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	TX	Limit (msec)	Verdict
5290	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good

W56 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	TX	Limit (msec)	Verdict
5530	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good
5610	1	≤ 4	Good
	2	≤ 4	Good
	3	≤ 4	Good
	4	≤ 4	Good
	C	≤ 4	Good

5.10. Limit of Secondary Radiated Emissions

5.10.1. Limit

Tested Band	Limits
All Band	Less than 1GHz (30MHz ~ 1000MHz) ≤ 4 nW Above 1GHz (1GHz ~ 26GHz) ≤ 20 nW

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

5.10.2 Test result (IEEE 802.11a/n/ac)

W52 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	RX	Measured Freq (MHz)	Result (nW)	Limit (nW)	Verdict	Note
5180	1	847.71	0.014000	≤ 1.0	Pass	*1
		25123	1.720000	≤ 5.0	Pass	*2
	2	509.18	0.014000	≤ 1.0	Pass	*1
		26245	1.619000	≤ 5.0	Pass	*2
	3	848.68	0.014000	≤ 1.0	Pass	*1
		24307	1.671000	≤ 5.0	Pass	*2
	4	934.04	0.016000	≤ 1.0	Pass	*1
		26321.5	2.142000	≤ 5.0	Pass	*2
	S		0.058000	≤ 4.0	Pass	*1
			7.152000	≤ 20.0	Pass	*2
5240	1	987.39	0.013000	≤ 1.0	Pass	*1
		26245	1.752000	≤ 5.0	Pass	*2
	2	932.1	0.012000	≤ 1.0	Pass	*1
		26245	1.705000	≤ 5.0	Pass	*2
	3	807.94	0.014000	≤ 1.0	Pass	*1
		25378	1.770000	≤ 5.0	Pass	*2
	4	994.18	0.013000	≤ 1.0	Pass	*1
		26423	1.843000	≤ 5.0	Pass	*2
	S		0.052000	≤ 4.0	Pass	*1
			7.070000	≤ 20.0	Pass	*2

*1 Measurement Range : Less than 1GHz (30MHz ~ 1000MHz)

*2 Measurement Range : Above 1GHz (1GHz ~ 26GHz)

W53 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	RX	Measured Freq (MHz)	Result (nW)	Limit (nW)	Verdict	Note
5260	1	737.13	0.013000	≤ 1.0	Pass	*1
		26321.5	1.670000	≤ 5.0	Pass	*2
	2	903	0.014000	≤ 1.0	Pass	*1
		25862.5	1.583000	≤ 5.0	Pass	*2
	3	400.54	0.014000	≤ 1.0	Pass	*1
		25148.5	1.744000	≤ 5.0	Pass	*2
	4	957.32	0.014000	≤ 1.0	Pass	*1
		24919	1.706000	≤ 5.0	Pass	*2
	S		0.055000	≤ 4.0	Pass	*1
			6.703000	≤ 20.0	Pass	*2
5320	1	852.56	0.013000	≤ 1.0	Pass	*1
		26168.5	1.712000	≤ 5.0	Pass	*2
	2	347.19	0.015000	≤ 1.0	Pass	*1
		26321.5	1.715000	≤ 5.0	Pass	*2
	3	727.43	0.012000	≤ 1.0	Pass	*1
		24154	1.784000	≤ 5.0	Pass	*2
	4	993.21	0.014000	≤ 1.0	Pass	*1
		26296	1.786000	≤ 5.0	Pass	*2
	S		0.054000	≤ 4.0	Pass	*1
			6.997000	≤ 20.0	Pass	*2

*1 Measurement Range : Less than 1GHz (30MHz ~ 1000MHz)

*2 Measurement Range : Above 1GHz (1GHz ~ 26GHz)

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W56 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	RX	Measured Freq (MHz)	Result (nW)	Limit (nW)	Verdict	Note
5500	1	922.4	0.013000	≤ 1.0	Pass	*1
		25939	1.614000	≤ 5.0	Pass	*2
	2	848.68	0.013000	≤ 1.0	Pass	*1
		24970	1.613000	≤ 5.0	Pass	*2
	3	903.97	0.014000	≤ 1.0	Pass	*1
		23975.5	1.702000	≤ 5.0	Pass	*2
	4	871.96	0.014000	≤ 1.0	Pass	*1
		24179.5	1.802000	≤ 5.0	Pass	*2
	S		0.054000	≤ 4.0	Pass	*1
			6.731000	≤ 20.0	Pass	*2
5600	1	801.15	0.014000	≤ 1.0	Pass	*1
		26270.5	1.675000	≤ 5.0	Pass	*2
	2	879.72	0.015000	≤ 1.0	Pass	*1
		24842.5	1.810000	≤ 5.0	Pass	*2
	3	954.41	0.016000	≤ 1.0	Pass	*1
		26398	1.685000	≤ 5.0	Pass	*2
	4	675.05	0.015000	≤ 1.0	Pass	*1
		26270.5	1.671000	≤ 5.0	Pass	*2
	S		0.060000	≤ 4.0	Pass	*1
			6.841000	≤ 20.0	Pass	*2
5700	1	856.44	0.014000	≤ 1.0	Pass	*1
		25021	1.863000	≤ 5.0	Pass	*2
	2	86.23	0.013000	≤ 1.0	Pass	*1
		25888	1.884000	≤ 5.0	Pass	*2
	3	870.02	0.013000	≤ 1.0	Pass	*1
		24944.5	1.863000	≤ 5.0	Pass	*2
	4	349.13	0.014000	≤ 1.0	Pass	*1
		24893.5	2.108000	≤ 5.0	Pass	*2
	S		0.054000	≤ 4.0	Pass	*1
			7.718000	≤ 20.0	Pass	*2

*1 Measurement Range : Less than 1GHz (30MHz ~ 1000MHz)

*2 Measurement Range : Above 1GHz (1GHz ~ 26GHz)

W52 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	RX	Measured Freq (MHz)	Result (nW)	Limit (nW)	Verdict	Note
5180	1	847.71	0.014000	≤ 1.0	Pass	*1
		25123	1.720000	≤ 5.0	Pass	*2
	2	509.18	0.014000	≤ 1.0	Pass	*1
		26245	1.619000	≤ 5.0	Pass	*2
	3	848.68	0.014000	≤ 1.0	Pass	*1
		24307	1.671000	≤ 5.0	Pass	*2
	4	934.04	0.016000	≤ 1.0	Pass	*1
		26321.5	2.142000	≤ 5.0	Pass	*2
	S		0.058000	≤ 4.0	Pass	*1
			7.152000	≤ 20.0	Pass	*2
5240	1	987.39	0.013000	≤ 1.0	Pass	*1
		26245	1.752000	≤ 5.0	Pass	*2
	2	932.1	0.012000	≤ 1.0	Pass	*1
		26245	1.705000	≤ 5.0	Pass	*2
	3	807.94	0.014000	≤ 1.0	Pass	*1
		25378	1.770000	≤ 5.0	Pass	*2
	4	994.18	0.013000	≤ 1.0	Pass	*1
		26423	1.843000	≤ 5.0	Pass	*2
	S		0.052000	≤ 4.0	Pass	*1
			7.070000	≤ 20.0	Pass	*2

*1 Measurement Range : Less than 1GHz (30MHz ~ 1000MHz)

*2 Measurement Range : Above 1GHz (1GHz ~ 26GHz)

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W53 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	RX	Measured Freq (MHz)	Result (nW)	Limit (nW)	Verdict	Note
5260	1	737.13	0.013000	≤ 1.0	Pass	*1
		26321.5	1.670000	≤ 5.0	Pass	*2
	2	903	0.014000	≤ 1.0	Pass	*1
		25862.5	1.583000	≤ 5.0	Pass	*2
	3	400.54	0.014000	≤ 1.0	Pass	*1
		25148.5	1.744000	≤ 5.0	Pass	*2
	4	957.32	0.014000	≤ 1.0	Pass	*1
		24919	1.706000	≤ 5.0	Pass	*2
	S		0.055000	≤ 4.0	Pass	*1
			6.703000	≤ 20.0	Pass	*2
5320	1	852.56	0.013000	≤ 1.0	Pass	*1
		26165.5	1.712000	≤ 5.0	Pass	*2
	2	347.19	0.015000	≤ 1.0	Pass	*1
		26321.5	1.715000	≤ 5.0	Pass	*2
	3	727.43	0.012000	≤ 1.0	Pass	*1
		24154	1.784000	≤ 5.0	Pass	*2
	4	993.21	0.014000	≤ 1.0	Pass	*1
		26296	1.786000	≤ 5.0	Pass	*2
	S		0.054000	≤ 4.0	Pass	*1
			6.997000	≤ 20.0	Pass	*2

*1 Measurement Range : Less than 1GHz (30MHz ~ 1000MHz)

*2 Measurement Range : Above 1GHz (1GHz ~ 26GHz)

W56 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	RX	Measured Freq (MHz)	Result (nW)	Limit (nW)	Verdict	Note
5500	1	922.4	0.013000	≤ 1.0	Pass	*1
		25939	1.614000	≤ 5.0	Pass	*2
	2	848.68	0.013000	≤ 1.0	Pass	*1
		24970	1.613000	≤ 5.0	Pass	*2
	3	903.97	0.014000	≤ 1.0	Pass	*1
		23975.5	1.702000	≤ 5.0	Pass	*2
	4	871.96	0.014000	≤ 1.0	Pass	*1
		24179.5	1.802000	≤ 5.0	Pass	*2
	S		0.054000	≤ 4.0	Pass	*1
			6.731000	≤ 20.0	Pass	*2
5600	1	801.15	0.014000	≤ 1.0	Pass	*1
		26270.5	1.675000	≤ 5.0	Pass	*2
	2	879.72	0.015000	≤ 1.0	Pass	*1
		24842.5	1.810000	≤ 5.0	Pass	*2
	3	954.41	0.016000	≤ 1.0	Pass	*1
		26398	1.685000	≤ 5.0	Pass	*2
	4	675.05	0.015000	≤ 1.0	Pass	*1
		26270.5	1.671000	≤ 5.0	Pass	*2
	S		0.060000	≤ 4.0	Pass	*1
			6.841000	≤ 20.0	Pass	*2
5700	1	856.44	0.014000	≤ 1.0	Pass	*1
		25021	1.863000	≤ 5.0	Pass	*2
	2	863.23	0.013000	≤ 1.0	Pass	*1
		25888	1.884000	≤ 5.0	Pass	*2
	3	870.02	0.013000	≤ 1.0	Pass	*1
		24944.5	1.863000	≤ 5.0	Pass	*2
	4	349.13	0.014000	≤ 1.0	Pass	*1
		24893.5	2.108000	≤ 5.0	Pass	*2
	S		0.054000	≤ 4.0	Pass	*1
			7.718000	≤ 20.0	Pass	*2

*1 Measurement Range : Less than 1GHz (30MHz ~ 1000MHz)

*2 Measurement Range : Above 1GHz (1GHz ~ 26GHz)

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W52 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	RX	Measured Freq (MHz)	Result (nW)	Limit (nW)	Verdict	Note
5190	1	908.82	0.015000	≤ 1.0	Pass	*1
		25939	1.890000	≤ 5.0	Pass	*2
	2	969.93	0.013000	≤ 1.0	Pass	*1
		25403.5	1.683000	≤ 5.0	Pass	*2
	3	873.9	0.013000	≤ 1.0	Pass	*1
		23899	1.739000	≤ 5.0	Pass	*2
	4	776.9	0.013000	≤ 1.0	Pass	*1
		241944.5	1.889000	≤ 5.0	Pass	*2
	S		0.054000	≤ 4.0	Pass	*1
			7.201000	≤ 20.0	Pass	*2
5230	1	514.03	0.016000	≤ 1.0	Pass	*1
		25021	1.711000	≤ 5.0	Pass	*2
	2	938.89	0.015000	≤ 1.0	Pass	*1
		26245	1.563000	≤ 5.0	Pass	*2
	3	702.21	0.016000	≤ 1.0	Pass	*1
		25123	1.591000	≤ 5.0	Pass	*2
	4	759.44	0.015000	≤ 1.0	Pass	*1
		24842.5	1.764000	≤ 5.0	Pass	*2
	S		0.062000	≤ 4.0	Pass	*1
			6.629000	≤ 20.0	Pass	*2

*1 Measurement Range : Less than 1GHz (30MHz ~ 1000MHz)

*2 Measurement Range : Above 1GHz (1GHz ~ 26GHz)

W53 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	RX	Measured Freq (MHz)	Result (nW)	Limit (nW)	Verdict	Note
5270	1	892.33	0.014000	≤ 1.0	Pass	*1
		26423.5	1.706000	≤ 5.0	Pass	*2
	2	808.91	0.013000	≤ 1.0	Pass	*1
		26347	1.816000	≤ 5.0	Pass	*2
	3	882.63	0.016000	≤ 1.0	Pass	*1
		26296	1.609000	≤ 5.0	Pass	*2
	4	776.9	0.013000	≤ 1.0	Pass	*1
		868.08	0.014000	≤ 5.0	Pass	*2
	S		0.056000	≤ 4.0	Pass	*1
			5.145000	≤ 20.0	Pass	*2
5310	1	585.81	0.013000	≤ 1.0	Pass	*1
		23924.5	1.567000	≤ 5.0	Pass	*2
	2	770.11	0.013000	≤ 1.0	Pass	*1
		26270.5	1.693000	≤ 5.0	Pass	*2
	3	879.72	0.013000	≤ 1.0	Pass	*1
		25735	1.900000	≤ 5.0	Pass	*2
	4	852.56	0.013000	≤ 1.0	Pass	*1
		26245	2.129000	≤ 5.0	Pass	*2
	S		0.052000	≤ 4.0	Pass	*1
			7.289000	≤ 20.0	Pass	*2

*1 Measurement Range : Less than 1GHz (30MHz ~ 1000MHz)

*2 Measurement Range : Above 1GHz (1GHz ~ 26GHz)

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
 S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W56 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	RX	Measured Freq (MHz)	Result (nW)	Limit (nW)	Verdict	Note
5510	1	802.12	0.014000	≤ 1.0	Pass	*1
		2556.5	1.654000	≤ 5.0	Pass	*2
	2	976.72	0.018000	≤ 1.0	Pass	*1
		25046.5	1.811000	≤ 5.0	Pass	*2
	3	998.06	0.014000	≤ 1.0	Pass	*1
		26245	1.665000	≤ 5.0	Pass	*2
	4	861.29	0.014000	≤ 1.0	Pass	*1
		26270.5	1.625000	≤ 5.0	Pass	*2
	S		0.060000	≤ 4.0	Pass	*1
			6.755000	≤ 20.0	Pass	*2
5590	1	702.21	0.017000	≤ 1.0	Pass	*1
		26219.5	1.624000	≤ 5.0	Pass	*2
	2	508.21	0.000000	≤ 1.0	Pass	*1
		25378	0.012000	≤ 5.0	Pass	*2
	3	560.59	0.013000	≤ 1.0	Pass	*1
		26321.5	1.776000	≤ 5.0	Pass	*2
	4	228.85	0.018000	≤ 1.0	Pass	*1
		24970	1.553000	≤ 5.0	Pass	*2
	S		0.048000	≤ 4.0	Pass	*1
			4.965000	≤ 20.0	Pass	*2
5670	1	787.72	0.016000	≤ 1.0	Pass	*1
		25505.5	2.025000	≤ 5.0	Pass	*2
	2	772.05	0.015000	≤ 1.0	Pass	*1
		24077.5	1.731000	≤ 5.0	Pass	*2
	3	873.9	0.013000	≤ 1.0	Pass	*1
		26347	1.945000	≤ 5.0	Pass	*2
	4	870.02	0.012000	≤ 1.0	Pass	*1
		26245	1.742000	≤ 5.0	Pass	*2
	S		0.056000	≤ 4.0	Pass	*1
			7.443000	≤ 20.0	Pass	*2

*1 Measurement Range : Less than 1GHz (30MHz ~ 1000MHz)

*2 Measurement Range : Above 1GHz (1GHz ~ 26GHz)

W52 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	RX	Measured Freq (MHz)	Result (nW)	Limit (nW)	Verdict	Note
5210	1	935.98	0.012000	≤ 1.0	Pass	*1
		26219.5	1.845000	≤ 5.0	Pass	*2
	2	806.97	0.014000	≤ 1.0	Pass	*1
		26194	1.939000	≤ 5.0	Pass	*2
	3	872.93	0.016000	≤ 1.0	Pass	*1
		25327	1.945000	≤ 5.0	Pass	*2
	4	796.3	0.014000	≤ 1.0	Pass	*1
		25148.5	1.819000	≤ 5.0	Pass	*2
	S		0.056000	≤ 4.0	Pass	*1
			7.548000	≤ 20.0	Pass	*2

*1 Measurement Range : Less than 1GHz (30MHz ~ 1000MHz)

*2 Measurement Range : Above 1GHz (1GHz ~ 26GHz)

W53 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	RX	Measured Freq (MHz)	Result (nW)	Limit (nW)	Verdict	Note
5290	1	81.41	0.015000	≤ 1.0	Pass	*1
		24689.5	2.439000	≤ 5.0	Pass	*2
	2	914.64	0.014000	≤ 1.0	Pass	*1
		24128.5	1.630000	≤ 5.0	Pass	*2
	3	770.11	0.013000	≤ 1.0	Pass	*1
		24383.5	1.670000	≤ 5.0	Pass	*2
	4	888.45	0.016000	≤ 1.0	Pass	*1
		24970	1.605000	≤ 5.0	Pass	*2
	S		0.058000	≤ 4.0	Pass	*1
			7.344000	≤ 20.0	Pass	*2

*1 Measurement Range : Less than 1GHz (30MHz ~ 1000MHz)

*2 Measurement Range : Above 1GHz (1GHz ~ 26GHz)

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

W56 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	RX	Measured Freq (MHz)	Result (nW)	Limit (nW)	Verdict	Note
5530	1	680.87	0.014000	≤ 1.0	Pass	*1
		24944.5	2.176000	≤ 5.0	Pass	*2
	2	500.45	0.014000	≤ 1.0	Pass	*1
		24434.5	1.761000	≤ 5.0	Pass	*2
	3	891.36	0.016000	≤ 1.0	Pass	*1
		24817	1.911000	≤ 5.0	Pass	*2
	4	769.14	0.013000	≤ 1.0	Pass	*1
		26321.5	1.653000	≤ 5.0	Pass	*2
	S		0.057000	≤ 4.0	Pass	*1
			7.501000	≤ 20.0	Pass	*2
5610	1	836.07	0.013000	≤ 1.0	Pass	*1
		24970	1.957000	≤ 5.0	Pass	*2
	2	548.95	0.014000	≤ 1.0	Pass	*1
		25403.5	2.078000	≤ 5.0	Pass	*2
	3	869.05	0.015000	≤ 1.0	Pass	*1
		25582	1.755000	≤ 5.0	Pass	*2
	4	935.98	0.013000	≤ 1.0	Pass	*1
		24179.5	1.787000	≤ 5.0	Pass	*2
	S		0.055000	≤ 4.0	Pass	*1
			7.577000	≤ 20.0	Pass	*2

*1 Measurement Range : Less than 1GHz (30MHz ~ 1000MHz)

*2 Measurement Range : Above 1GHz (1GHz ~ 26GHz)

5.11. Interference Prevention Function & Carrier Sensing Function

5.11.1. Requirements

Tested Band	Requirements
W52 / W53	<p>Modulation Method: Non-OFDM 20MHz System</p> <p>Interference Prevention Function : Required</p> <p>Carrier Sensing Function : Required (more than 100mV/m)</p> <p>Modulation Method: OFDM 20MHz System</p> <p>Interference Prevention Function : Required</p> <p>Carrier Sensing Function : Required (more than 100mV/m)</p> <p>Modulation Method: OFDM 40MHz System</p> <p>Interference Prevention Function : Required</p> <p>Carrier Sensing Function : Required (more than 100mV/m)</p> <p>Modulation Method: OFDM 80MHz System</p> <p>Interference Prevention Function : Required</p> <p>Carrier Sensing Function : Required (more than 100mV/m)</p>
W56	<p>20MHz System</p> <p>Interference Prevention Function : Required</p> <p>Carrier Sensing Function : Required (more than 100mV/m)</p> <p>40MHz System</p> <p>Interference Prevention Function : Required</p> <p>Carrier Sensing Function : Required (more than 100mV/m)</p> <p>80MHz System</p> <p>Interference Prevention Function : Required</p> <p>Carrier Sensing Function : Required (more than 100mV/m)</p>

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

5.11.2. Test result (IEEE 802.11a/n/ac)

W52 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	Interferende Prevention Function	Verdict	Carrier Sensing Function	Verdict
5180	Good	Pass	Good	Pass
5240	Good	Pass	Good	Pass

W53 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	Interferende Prevention Function	Verdict	Carrier Sensing Function	Verdict
5260	Good	Pass	Good	Pass
5320	Good	Pass	Good	Pass

W56 : OFDM 20MHz System (IEEE 802.11a)

Center Frequency (MHz)	Interferende Prevention Function	Verdict	Carrier Sensing Function	Verdict
5500	Good	Pass	Good	Pass
5600	Good	Pass	Good	Pass
5700	Good	Pass	Good	Pass

W52 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	Interferende Prevention Function	Verdict	Carrier Sensing Function	Verdict
5180	Good	Pass	Good	Pass
5240	Good	Pass	Good	Pass

W53 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	Interferende Prevention Function	Verdict	Carrier Sensing Function	Verdict
5260	Good	Pass	Good	Pass
5320	Good	Pass	Good	Pass

W56 : OFDM 20MHz System (IEEE 802.11n HT20 / IEEE 802.11ac VHT20)

Center Frequency (MHz)	Interferende Prevention Function	Verdict	Carrier Sensing Function	Verdict
5500	Good	Pass	Good	Pass
5600	Good	Pass	Good	Pass
5700	Good	Pass	Good	Pass

W52 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	Interferende Prevention Function	Verdict	Carrier Sensing Function	Verdict
5190	Good	Pass	Good	Pass
5230	Good	Pass	Good	Pass

W53 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	Interferende Prevention Function	Verdict	Carrier Sensing Function	Verdict
5270	Good	Pass	Good	Pass
5310	Good	Pass	Good	Pass

W56 : OFDM 40MHz System (IEEE 802.11n HT40 / IEEE 802.11ac VHT40)

Center Frequency (MHz)	Interferende Prevention Function	Verdict	Carrier Sensing Function	Verdict
5510	Good	Pass	Good	Pass
5590	Good	Pass	Good	Pass
5670	Good	Pass	Good	Pass

W52 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	Interferende Prevention Function	Verdict	Carrier Sensing Function	Verdict
5210	Good	Pass	Good	Pass

W53 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	Interferende Prevention Function	Verdict	Carrier Sensing Function	Verdict
5290	Good	Pass	Good	Pass



W56 : OFDM 80MHz System (IEEE 802.11ac VHT80)

Center Frequency (MHz)	Interferende Prevention Function	Verdict	Carrier Sensing Function	Verdict
5530	Good	Pass	Good	Pass
5610	Good	Pass	Good	Pass

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1 : Result of TX 1, 2 : Result of TX 2, 3 : Result of TX 3, 4 : Result of TX 4
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]

1. Release Record & Date

Report Number	Description	Tested Date	Tested by	Reported by
DFS_U422EV	Initial issue	2018/05/29~ 2018/05/30	 Charles Vergonio	 Charles Vergonio
		Issued Date	Approved by	
		6/4/2018		
			Andrew Ji	

2. Designed value in the DFS function of the Radio Equipment

Model name	FORTIAP-U422EV, FortiAP-U422EV, FAP-U422EV	
Category	Mode of operation	Designed value
Channel Move Time	In Service Monitoring	Less than 10 sec
Channel Closing Transmission Time	In Service Monitoring	Less than 260 msec
Non-Occupancy Period	In Service Monitoring	More than 30 min
	Channel Availability Check	More than 30 min

3. Product

Model name	FORTIAP-U422EV,FortiAP-U422EV,FAP-U422EV	
Type of equipment	Master	
Communication method	Simplex	
Modulation technology	OFDM	
Modulation method	BPSK, QPSK, 16QAM, 64QAM, 256QAM	
Transmission data rate	6 to 1733.3Mbps	
Type of emissions	D1D,G1D	
Channel bandwidth & Frequency range & Number of channels	20MHz system	5.26 ~ 5.32GHz(20MHz interval 4 channels)
	40MHz system	5.27, 5.31GHz
	80MHz system	5.29GHz
	20MHz system	5.50 ~ 5.70GHz(20MHz interval 11 channels)
	40MHz system	5.51 ~ 5.67GHz(40MHz interval 5 channels)
	80MHz system	5.53, 5.61GHz

3.1 Opinion & Interpretation

* -

3.2 Test Condition Photograph

Measurement State



4. Measurement Equipment List

Use	Kind of Equipment	Model Name	Manufacturer	Serial No.	Calibration Authority	Cal Date	Cal Method
X	Spectrum Analyzer	N9020A	Keysight	MY50200737	Liberty Test Equipment	5/19/2017	c)
X	Signal Generator	E4438C	Keysight	MY45091078	Liberty Test Equipment	6/6/2017	c)
	Signal Generator	8340A	Keysight	2410A00545	Liberty Test Equipment	3/4/2016	c)
X	Horn Antenna	AH-118	Com-Power Corp	071361	Com-Power Corp	7/3/2017	c)
X	Horn Antenna	AH-118	Com-Power Corp	071362	Com-Power Corp	3/29/2018	c)

Note 1: "X" used equipment.

Note 2: The validity of measurement equipment is one year from the first day of the following month of the calibration date.

(e.g. If the calibration date is December 15th, 2014, measurement equipment can be used from December 15th, 2014 to December 31st, 2015.)

Note 3: Calibration Method

a): Calibration conducted by the National Institute of Information and Communications Technology(NICT)(hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1)

b): Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)

c): Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1)

d): Calibration conducted by using measuring instruments and other equipment listed in the right column of Table No. 3 attached hereto, which shall have been given any of calibration, etc. listed above from **a)** to **c)**

5. Test Results

5.1 Test Informations

Type of application	<input checked="" type="checkbox"/> Type certificate <input type="checkbox"/> Test certificate
Input voltage	54 VDC (Rated voltage only)
Used software (& version)	MeruOS
Firmware version	8.4-0dev-20
Serial number	PU422E3X17000081
Ambient Temperature	23 °C
Relative Humidity	64 %
Radar Frequency	Center Frequency -1MHz
The reason why the tests are performed only at rated voltage	When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power supply).
Measurement was conducted by the following test method: The test method of Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment in Annex 1, the Ministry of Internal Affairs and Communication notification in Annex 45 of Article 88, Paragraph 1 or the test method more than equivalent.	

6. Dynamic Frequency Selection Function [Article 49-20.]

6.1. Channel Availability Check (CAC)

W53: PASS
W56: PASS
NOP: Refer to the type specification.

6.2. In-Service Monitoring (ISM)

W53: PASS
W56: PASS
CCTT: Refer to the type specification.
CMT: Refer to the type specification.
NOP: Refer to the type specification.

Note;
NOP: Non-Occupancy Period
CCTT: Channel Closing Transmission Time
CMT: Channel Move Time

6.3 W53 In-Service Monitoring (ISM)

Radar Type 1		
Number of tries	1-1	1-2
1	Detected	Detected
2	Detected	Detected
3	Detected	Detected
4	Detected	Detected
5	Detected	Detected
6	Detected	Detected
7	Detected	Detected
8	Detected	Detected
9	Detected	Detected
10	Detected	Detected
11	Detected	Detected
12	Detected	Detected
13	Detected	Detected
14	Detected	Detected
15	Detected	Detected
16	Detected	Detected
17	Detected	Detected
18	Detected	Detected
19	Detected	Detected
20	Detected	Detected

	1-1	1-2
Number of tries	20	20
Number of radar detected	20	20
Detection rate(%)	100	100
Result	PASS	PASS
Probability level	60% or more	

Note;
* The test is able to terminate at minimum tries, because it meets technical standards.
* Number of tries include the number of "Not Performed".
* Detection rate(%) = (Number of radar detected)/(Number of tries)*100

5.4 W56 In-Service Monitoring (ISM)

Radar Type 2						
Number of tries	2-1	2-2	2-3	2-4	2-5	2-6
1	Detected	Detected	Detected	Detected	Detected	Detected
2	Detected	Detected	Detected	Detected	Detected	Detected
3	Detected	Detected	Detected	Detected	Detected	Detected
4	Detected	Detected	Detected	Detected	Detected	Detected
5	Detected	Detected	Detected	Detected	Detected	Detected
6	Detected	Detected	Detected	Detected	Detected	Detected
7	Detected	Detected	Detected	Detected	Detected	Detected
8	Detected	Detected	Detected	Detected	Detected	Detected
9	Detected	Detected	Detected	Detected	Detected	Detected
10	Detected	Detected	Detected	Detected	Detected	Detected
11	Detected	Detected	Detected	Detected	Detected	Detected
12	Detected	Detected	Detected	Detected	Detected	Detected
13	Detected	Detected	Detected	Detected	Detected	Detected
14	Detected	Detected	Detected	Detected	Detected	Detected
15	Detected	Detected	Detected	Detected	Detected	Detected
16	Detected	Detected	Detected	Detected	Detected	Detected
17	Detected	Detected	Detected	Detected	Detected	Detected
18	Detected	Detected	Detected	Detected	Detected	Detected
19	Detected	Detected	Detected	Detected	Detected	Detected
20	Detected	Detected	Detected	Detected	Detected	Detected

	2-1	2-2	2-3	2-4	2-5	2-6
Number of tries	20	20	20	20	20	20
Number of radar detected	20	20	20	20	20	20
Detection rate(%)	100	100	100	100	100	100
Result	PASS	PASS	PASS	PASS	PASS	PASS
Probability level	80% or more					

Total of Radar Type 2	
Number of tries	120
Number of radar detected	120
Detection rate(%)	100
Result	PASS
Probability level	80% or more

Note;

- * The test is able to terminate at minimum tries, because it meets technical standards.
- * Number of tries include the number of "Not Performed".
- * Detection rate(%) = (Number of radar detected)/(Number of tries)*100

Radar Type 3, 4		
Number of tries	3	4
1	Detected	Detected
2	Detected	Detected
3	Detected	Detected
4	Detected	Detected
5	Detected	Detected
6	Detected	Detected
7	Detected	Detected
8	Detected	Detected
9	Detected	Detected
10	Detected	Detected
11	Detected	Detected
12	Detected	Detected
13	Detected	Detected
14	Detected	Detected
15	Detected	Detected
16	Detected	Detected
17	Detected	Detected
18	Detected	Detected
19	Detected	Detected
20	Detected	Detected

	3	4
Number of tries	20	20
Number of radar detected	20	20
Detection rate(%)	100	100
Result	PASS	PASS
Probability level	80% or more	70% or more

Note;

- * The test is able to terminate at minimum tries, because it meets technical standards.
- * Number of tries include the number of "Not Performed".
- * Detection rate(%) = (Number of radar detected)/(Number of tries)*100