

JAPAN MIC

Radio Test Report

Applicant: Coretronic Reality Inc.
15F., No. 225, Sec. 3, Beixin Rd., Xindian Dist., New Taipei City
231030, Taiwan (ROC)

Manufacturer: Coretronic Reality Inc.
15F., No. 225, Sec. 3, Beixin Rd., Xindian Dist., New Taipei City
231030, Taiwan (ROC)

Product Name: COREXOM

Brand Name: Coretronic Reality Inc.

Model No.: R6490WGQ

Family Model No.: R5430WGQ

Model Difference: Refer to section 1.2

Report Number: TERF2606002102E2

Place of Testing
SGS Taiwan Ltd. Central RF Lab
No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333

Test Result
PASS

Classification of Specified Radio Equipment
Article 2 Clause 1 Item 19-3 (5.2 & 5.3 & 5.6GHz)

Date of EUT Received: June 12, 2026

Date of Test: June 16, 2026~July 8, 2026

Issue Date: August 10, 2026

Approved By:

Jay Lin

We hereby declare that:

The data presented with this application to be true and correct; and that our testing equipment is regularly serviced and properly calibrated; and We agree to maintain records of data for a minimum of ten (10) years in our laboratory for immediate presentation upon request by the Certification Body.

Measurement was conducted by the following test method:

the test method of Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment in MIC Notification No. 88 of 2004, Annex 45 or the test method more than equivalent.

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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2606002102E2	00	Original	July 30, 2026	Susan Lin	
TERF2606002102E2	01	Update test method on page 1	August 10, 2026	Susan Lin	*

Note:

- 1、The remark "*" indicates modification of the report upon requests from certification body.
- 2、Variant information of model numbers is provided by the applicant, test results of this report are applicable to the sample EUT(s) received. And are assessed as identical in hardware and firmware to each other.

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1 DESCRIPTION OF EQUIPMENT UNDER TEST (EUT)

1.1 Product Description

Product Name:	COREXOM
Brand Name:	Coretronic Reality Inc.
Model No.:	R6490WGQ
Family Model No.:	R5430WGQ
Model Difference:	Refer to section 1.2
Hardware Version:	N/A
Firmware Version:	Android13
Power Supply:	3.8 Vdc

1.2 Model Difference

Model	Difference
R6490WGQ	With BT+Wi-Fi/GPS, Memory : uMCP 8GB LPDDR4X + 128GB UFS
R5430WGQ	With BT+Wi-Fi/GPS, Memory : uMCP 4GB LPDDR4X + 64GB UFS

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1.3 RF Specification

Mode	Type of Emission	Band	Channels	Interval (MHz)	Frequency Range (GHz)	Rated Power (W/MHz):
a	D1D, G1D	W52,W53	8	20	5.18 ~ 5.32	0.006632
		W56	12		5.50 ~ 5.72	0.009691
n_HT 20 ac_VHT 20	D1D, G1D	W52,W53	8	20	5.18 ~ 5.32	0.006441
		W56	12		5.50 ~ 5.72	0.009518
n_HT 40 ac_VHT 40	D1D, G1D	W52,W53	4	40	5.19 ~ 5.31	0.002662
		W56	6		5.51 ~ 5.71	0.002890
ac_VHT 80	D1D, G1D	W52,W53	2	80	5.21 ~ 5.29	0.001233
		W56	3		5.53 ~ 5.69	0.002018
ac_VHT 160	D1D, G1D	W52, W53	1	160	5.25	0.000741
		W56	1		5.57	0.000778
ax_HE 20	D1D, G1D	W52,W53	8	20	5.18 ~ 5.32	0.006451
		W56	12		5.50 ~ 5.72	0.008966
ax_HE 40	D1D, G1D	W52,W53	4	40	5.19 ~ 5.31	0.003303
		W56	6		5.51 ~ 5.71	0.004005
ax_HE 80	D1D, G1D	W52,W53	2	80	5.21 ~ 5.29	0.001684
		W56	3		5.53 ~ 5.69	0.002044
ax_HE 160	D1D, G1D	W52, W53	1	160	5.25	0.000692
		W56	1		5.57	0.000807

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1.4 Antenna Designation

Antenna Type	Part Number	Supplier	Polarization (H or V)	Freq. (MHz)	Peak Gain (dBi)
Dipole	AN2457-3908BRS	Cortec Technology Inc.	H+V	5150~5250	1.55
				5250~5350	2.1
				5470~5725	4.15
Dipole	A8MEE-100007	ADVANCED WIRELESS & ANTENNA Inc.	H+V	5150~5725	4

Note: The antenna information is provided by the applicant, and the laboratory shall not be held liable for the accuracy, completeness, or reliability of any applicant-supplied data.

1.5 Assemble

The shielding is directly soldered to the PCB board.

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2 DESCRIPTION OF TEST

2.1 Voltage Variation

Voltage Fluctuation Test	Normal Voltage	High Voltage + 10% of Normal Voltage	Low Voltage - 10% of Normal Voltage
Input DC Power	3.80	4.18	3.42
Output DC Power	2.22	2.22	2.22
Voltage Variation (%)	0	0	0
Note: Voltage Variation (%) = (Output High or Low Voltage - Output Normal Voltage)/Output Normal Voltage X 100			
During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/- 1%. Exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage to test all regulations.			

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2.2 Test Condition

Test Category		5GHz Band Low-Power Data Communication System (1TX1RX)				
		802.11a W52 20MHz System				
		This equipment is a client that supports TPC function.				
		unit			Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6		≥ 5	PASS
					≤ 35	
Environment of Test Room Humidity		%	58~69		≥ 45	PASS
					≤ 85	
Input Power Voltage		VDC	3.80		---	---
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).				
Burst	Modulation	---	OFDM		---	---
	On Time	msec	2.096		≤ 8	PASS
	Off Time	msec	0.018		---	---
	Ratio	%	99.15		---	---
802.11a_W52_20MHz		unit	---	---	---	Limit
Measurement Center Frequency		MHz	5180	5220	5240	---
Channel Number		Ch.	36	44	48	---
Declaration Output Power		mW/MHz	6.632		≤ 10.000	PASS
E.I.R.P.		mW/MHz	9.266	9.478	9.445	≤ 10.000
		dBm/MHz	9.669	9.767	9.752	≤ 10.000
Peak Antenna Gain (Chain0)		dBi	1.55		---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30		---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30		---	---

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Test Category		5GHz Band Low-Power Data Communication System (1TX1RX)					
		802.11a W53 20MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDM			---	---
	On Time	msec	2.096			≤ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.24			---	---
802.11a_W53_20MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5260	5300	5320	---	---
Channel Number		Ch.	52	60	64	---	---
Declaration Output Power		mW/MHz	6.632			≤ 10.000	PASS
E.I.R.P.		mW/MHz	9.236	9.482	9.245	≤ 10.000	PASS
		dBm/MHz	9.655	9.769	9.659	≤ 10.000	PASS
Peak Antenna Gain (Chain0)		dBi	2.1			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (1TX1RX)					
		802.11a W56 20MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDM			---	---
	On Time	msec	2.096			≤ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.24			---	---
802.11a_W56_20MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5500	5600	5720	---	---
Channel Number		Ch.	100	120	144	---	---
Declaration Output Power		mW/MHz	9.691			≤ 10.000	PASS
E.I.R.P.		mW/MHz	15.382	22.100	25.200	≤ 50.000	PASS
		dBm/MHz	11.870	13.444	14.014	≤ 16.990	PASS
Peak Antenna Gain (Chain0)		dBi	4.15			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)					
		802.11n W52 20MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDM			---	---
	On Time	msec	5.428			≤ 8	PASS
	Off Time	msec	0.018			---	---
	Ratio	%	99.67			---	---
802.11n_W52_20MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5180	5220	5240	---	---
Channel Number		Ch.	36	44	48	---	---
Declaration Output Power		mW/MHz	6.441			≤ 10.000	PASS
E.I.R.P.		mW/MHz	9.204	8.517	8.302	≤ 10.000	PASS
		dBm/MHz	9.640	9.303	9.192	≤ 10.000	PASS
Peak Antenna Gain (Chain0)		dBi	1.55			---	---
Peak Antenna Gain (Chain1)		dBi	1.55			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)					
		802.11n W53 20MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≥ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≥ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDM			---	---
	On Time	msec	5.428			≤ 8	PASS
	Off Time	msec	0.018			---	---
	Ratio	%	99.67			---	---
802.11n_W53_20MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5260	5300	5320	---	---
Channel Number		Ch.	52	60	64	---	---
Declaration Output Power		mW/MHz	6.441			≤ 10.000	PASS
E.I.R.P.		mW/MHz	9.266	8.654	8.935	≤ 10.000	PASS
		dBm/MHz	9.669	9.372	9.511	≤ 10.000	PASS
Peak Antenna Gain (Chain0)		dBi	2.1			---	---
Peak Antenna Gain (Chain1)		dBi	2.1			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)					
		802.11n W56 20MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≧ 5	PASS
						≦ 35	
Environment of Test Room Humidity		%	58~69			≧ 45	PASS
						≦ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDM			---	---
	On Time	msec	5.430			≧ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.71			---	---
802.11n_W56_20MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5500	5600	5720	---	---
Channel Number		Ch.	100	120	144	---	---
Declaration Output Power		mW/MHz	9.518			≧ 10.000	PASS
E.I.R.P.		mW/MHz	22.930	23.276	24.746	≧ 50.000	PASS
		dBm/MHz	13.604	13.669	13.935	≧ 16.990	PASS
Peak Antenna Gain (Chain0)		dBi	4.15			---	---
Peak Antenna Gain (Chain1)		dBi	4.15			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)					
		802.11n W52 40MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDM			---	---
	On Time	msec	5.428			≤ 8	PASS
	Off Time	msec	0.018			---	---
	Ratio	%	99.67			---	---
802.11n_W52_40MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5190	5230	-	---	---
Channel Number		Ch.	38	46	-	---	---
Declaration Output Power		mW/MHz	2.662			≤ 5.000	PASS
E.I.R.P.		mW/MHz	3.769	3.665	-	≤ 5.000	PASS
		dBm/MHz	5.762	5.641	-	≤ 6.990	PASS
Peak Antenna Gain (Chain0)		dBi	1.55			---	---
Peak Antenna Gain (Chain1)		dBi	1.55			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)					
		802.11n W53 40MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDM			---	---
	On Time	msec	5.428			≤ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.71			---	---
802.11n_W53_40MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5270	5310	-	---	---
Channel Number		Ch.	54	62	-	---	---
Declaration Output Power		mW/MHz	2.662			≤ 5.000	PASS
E.I.R.P.		mW/MHz	4.317	4.170	-	≤ 5.000	PASS
		dBm/MHz	6.352	6.201	-	≤ 6.990	PASS
Peak Antenna Gain (Chain0)		dBi	2.1			---	---
Peak Antenna Gain (Chain1)		dBi	2.1			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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		802.11n W56 40MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDM			---	---
	On Time	msec	5.428			≤ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.71			---	---
802.11n_W56_40MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5510	5590	5710	---	---
Channel Number		Ch.	102	118	142	---	---
Declaration Output Power		mW/MHz	2.890			≤ 5.000	PASS
E.I.R.P.		mW/MHz	7.514	7.489	7.403	≤ 25.000	PASS
		dBm/MHz	8.759	8.744	8.694	≤ 13.979	PASS
Peak Antenna Gain (Chain0)		dBi	4.15			---	---
Peak Antenna Gain (Chain1)		dBi	4.15			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)						
		802.11ac W52 80MHz System						
		This equipment is a client that supports TPC function.						
		unit				Limit	Result	
Environment of Test Room Temperature		°C	22.1~23.6			≦	5	PASS
						≦	35	
Environment of Test Room Humidity		%	58~69			≦	45	PASS
						≦	85	
Input Power Voltage		VDC	3.80			---		---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).						
Burst	Modulation	---	OFDM			---		---
	On Time	msec	5.428			≦	8	PASS
	Off Time	msec	0.016			---		---
	Ratio	%	99.71			---		---
802.11ac_W52_80MHz		unit	---	---	---	Limit	Result	
Measurement Center Frequency		MHz	5210	-	-	---	---	
Channel Number		Ch.	42	-	-	---	---	
Declaration Output Power		mW/MHz	1.233			≦	2.500	PASS
E.I.R.P.		mW/MHz	1.762	-	-	≦	2.500	PASS
		dBm/MHz	2.461	-	-	≦	3.979	PASS
Peak Antenna Gain (Chain0)		dBi	1.55			---		---
Peak Antenna Gain (Chain1)		dBi	1.55			---		---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---		---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---		---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---		---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---		---

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		802.11ac W53 80MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≧ 5	PASS
						≦ 35	
Environment of Test Room Humidity		%	58~69			≧ 45	PASS
						≦ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDM			---	---
	On Time	msec	5.428			≧ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.71			---	---
802.11ac_W53_80MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5290	-	-	---	---
Channel Number		Ch.	58	-	-	---	---
Declaration Output Power		mW/MHz	1.233			≦ 2.500	PASS
E.I.R.P.		mW/MHz	1.680	-	-	≦ 2.500	PASS
		dBm/MHz	2.254	-	-	≦ 3.979	PASS
Peak Antenna Gain (Chain0)		dBi	2.1			---	---
Peak Antenna Gain (Chain1)		dBi	2.1			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDM			---	---
	On Time	msec	5.428			≤ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.71			---	---
802.11ac_W56_80MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5530	5610	5690	---	---
Channel Number		Ch.	106	122	138	---	---
Declaration Output Power		mW/MHz	2.018			≤ 2.500	PASS
E.I.R.P.		mW/MHz	5.248	5.201	5.189	≤ 12.500	PASS
		dBm/MHz	7.200	7.161	7.151	≤ 10.969	PASS
Peak Antenna Gain (Chain0)		dBi	4.15			---	---
Peak Antenna Gain (Chain1)		dBi	4.15			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)					
		802.11ac W52 W53 160MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≥ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≥ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDM			---	---
	On Time	msec	5.428			≤ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.71			---	---
802.11ac_W52_W53_160MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5250	-	-	---	---
Channel Number		Ch.	50	-	-	---	---
Declaration Output Power		mW/MHz	0.741			≤ 1.250	PASS
E.I.R.P.		mW/MHz	1.202	-	-	≤ 1.250	PASS
		dBm/MHz	0.799	-	-	≤ 0.969	PASS
Peak Antenna Gain (Chain0)		dBi	2.1			---	---
Peak Antenna Gain (Chain1)		dBi	2.1			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)					
		802.11ac W56 160MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≧ 5	PASS
						≦ 35	
Environment of Test Room Humidity		%	58~69			≧ 45	PASS
						≦ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDM			---	---
	On Time	msec	5.428			≧ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.71			---	---
802.11ac_W56_160MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5570	-	-	---	---
Channel Number		Ch.	114	-	-	---	---
Declaration Output Power		mW/MHz	0.778			≦ 1.250	PASS
E.I.R.P.		mW/MHz	2.022	-	-	≦ 6.250	PASS
		dBm/MHz	3.057	-	-	≦ 7.959	PASS
Peak Antenna Gain (Chain0)		dBi	4.15			---	---
Peak Antenna Gain (Chain1)		dBi	4.15			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)					
		802.11ax W52 20MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDMA			---	---
	On Time	msec	5.444			≤ 8	PASS
	Off Time	msec	0.018			---	---
	Ratio	%	99.67			---	---
802.11ax_W52_20MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5180	5220	5240	---	---
Channel Number		Ch.	36	44	48	---	---
Declaration Output Power		mW/MHz	6.451			≤ 10.000	PASS
E.I.R.P.		mW/MHz	9.217	8.393	8.837	≤ 10.000	PASS
		dBm/MHz	9.646	9.239	9.463	≤ 10.000	PASS
Peak Antenna Gain (Chain0)		dBi	1.55			---	---
Peak Antenna Gain (Chain1)		dBi	1.55			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)					
		802.11ax W53 20MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDMA			---	---
	On Time	msec	5.446			≤ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.71			---	---
802.11ax_W53_20MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5260	5300	5320	---	---
Channel Number		Ch.	52	60	64	---	---
Declaration Output Power		mW/MHz	6.451			≤ 10.000	PASS
E.I.R.P.		mW/MHz	8.162	9.296	9.043	≤ 10.000	PASS
		dBm/MHz	9.118	9.683	9.563	≤ 10.000	PASS
Peak Antenna Gain (Chain0)		dBi	2.1			---	---
Peak Antenna Gain (Chain1)		dBi	2.1			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)					
		802.11ax W56 20MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDMA			---	---
	On Time	msec	5.446			≤ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.71			---	---
802.11ax_W56_20MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5500	5600	5720	---	---
Channel Number		Ch.	100	120	144	---	---
Declaration Output Power		mW/MHz	8.966			≤ 10.000	PASS
E.I.R.P.		mW/MHz	21.067	23.025	23.313	≤ 50.000	PASS
		dBm/MHz	13.236	13.622	13.676	≤ 16.990	PASS
Peak Antenna Gain (Chain0)		dBi	4.15			---	---
Peak Antenna Gain (Chain1)		dBi	4.15			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)					
		802.11ax W52 40MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDMA			---	---
	On Time	msec	5.446			≤ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.71			---	---
802.11ax_W52_40MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5190	5230	-	---	---
Channel Number		Ch.	38	46	-	---	---
Declaration Output Power		mW/MHz	3.303			≤ 5.000	PASS
E.I.R.P.		mW/MHz	4.421	4.720	-	≤ 5.000	PASS
		dBm/MHz	6.455	6.739	-	≤ 6.990	PASS
Peak Antenna Gain (Chain0)		dBi	1.55			---	---
Peak Antenna Gain (Chain1)		dBi	1.55			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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		802.11ax W53 40MHz System						
		This equipment is a client that supports TPC function.						
		unit				Limit	Result	
Environment of Test Room Temperature		°C	22.1~23.6			≤	5	PASS
						≤	35	
Environment of Test Room Humidity		%	58~69			≤	45	PASS
						≤	85	
Input Power Voltage		VDC	3.80			---		---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).						
Burst	Modulation	---	OFDMA			---	---	
	On Time	msec	5.444			≤	8	PASS
	Off Time	msec	0.016			---	---	
	Ratio	%	99.71			---	---	
802.11ax_W53_40MHz		unit	---	---	---	Limit	Result	
Measurement Center Frequency		MHz	5270	5310	-	---	---	
Channel Number		Ch.	54	62	-	---	---	
Declaration Output Power		mW/MHz	3.303			≤	5.000	PASS
E.I.R.P.		mW/MHz	4.151	4.213	-	≤	5.000	PASS
		dBm/MHz	6.182	6.246	-	≤	6.990	PASS
Peak Antenna Gain (Chain0)		dBi	2.1			---	---	
Peak Antenna Gain (Chain1)		dBi	2.1			---	---	
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---	
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---	
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---	
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---	

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		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDMA			---	---
	On Time	msec	5.444			≤ 8	PASS
	Off Time	msec	0.018			---	---
	Ratio	%	99.67			---	---
802.11ax_W56_40MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5510	5590	5710	---	---
Channel Number		Ch.	102	118	142	---	---
Declaration Output Power		mW/MHz	4.005			≤ 5.000	PASS
E.I.R.P.		mW/MHz	10.414	9.502	10.095	≤ 25.000	PASS
		dBm/MHz	10.176	9.778	10.041	≤ 13.979	PASS
Peak Antenna Gain (Chain0)		dBi	4.15			---	---
Peak Antenna Gain (Chain1)		dBi	4.15			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)					
		802.11ax W52 80MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDMA			---	---
	On Time	msec	5.446			≤ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.71			---	---
802.11ax_W52_80MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5210	-	-	---	---
Channel Number		Ch.	42	-	-	---	---
Declaration Output Power		mW/MHz	1.684			≤ 2.500	PASS
E.I.R.P.		mW/MHz	2.407	-	-	≤ 2.500	PASS
		dBm/MHz	3.815	-	-	≤ 3.979	PASS
Peak Antenna Gain (Chain0)		dBi	1.55			---	---
Peak Antenna Gain (Chain1)		dBi	1.55			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)					
		802.11ax W53 80MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≧ 5	PASS
						≦ 35	
Environment of Test Room Humidity		%	58~69			≧ 45	PASS
						≦ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDMA			---	---
	On Time	msec	5.446			≧ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.71			---	---
802.11ax_W53_80MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5290	-	-	---	---
Channel Number		Ch.	58	-	-	---	---
Declaration Output Power		mW/MHz	1.684			≧ 2.500	PASS
E.I.R.P.		mW/MHz	1.994	-	-	≧ 2.500	PASS
		dBm/MHz	2.998	-	-	≧ 3.979	PASS
Peak Antenna Gain (Chain0)		dBi	2.1			---	---
Peak Antenna Gain (Chain1)		dBi	2.1			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)					
		802.11ax W56 80MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDMA			---	---
	On Time	msec	5.444			≤ 8	PASS
	Off Time	msec	0.018			---	---
	Ratio	%	99.67			---	---
802.11ax_W56_80MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5530	5610	5690	---	---
Channel Number		Ch.	106	122	138	---	---
Declaration Output Power		mW/MHz	2.044			≤ 2.500	PASS
E.I.R.P.		mW/MHz	5.315	4.911	5.144	≤ 12.500	PASS
		dBm/MHz	7.255	6.912	7.113	≤ 10.969	PASS
Peak Antenna Gain (Chain0)		dBi	4.15			---	---
Peak Antenna Gain (Chain1)		dBi	4.15			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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Test Category		5GHz Band Low-Power Data Communication System (2TX2RX)					
		802.11ax W52 W53 160MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDMA			---	---
	On Time	msec	5.444			≤ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.71			---	---
802.11ax_W52_W53_160MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5250	-	-	---	---
Channel Number		Ch.	50	-	-	---	---
Declaration Output Power		mW/MHz	0.692			≤ 1.250	PASS
E.I.R.P.		mW/MHz	1.122	-	-	≤ 1.250	PASS
		dBm/MHz	0.500	-	-	≤ 0.969	PASS
Peak Antenna Gain (Chain0)		dBi	2.1			---	---
Peak Antenna Gain (Chain1)		dBi	2.1			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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		802.11ax W56 160MHz System					
		This equipment is a client that supports TPC function.					
		unit				Limit	Result
Environment of Test Room Temperature		°C	22.1~23.6			≤ 5	PASS
						≤ 35	
Environment of Test Room Humidity		%	58~69			≤ 45	PASS
						≤ 85	
Input Power Voltage		VDC	3.80			---	---
The reason why the tests are performed only at rated voltage:		When the input voltage to receiver RF circuit varies below ± 1% as the input voltage from the external power supply to the receiver varies ± 10% (excluding power supply).					
Burst	Modulation	---	OFDMA			---	---
	On Time	msec	5.446			≤ 8	PASS
	Off Time	msec	0.016			---	---
	Ratio	%	99.71			---	---
802.11ax_W56_160MHz		unit	---	---	---	Limit	Result
Measurement Center Frequency		MHz	5570	-	-	---	---
Channel Number		Ch.	114	-	-	---	---
Declaration Output Power		mW/MHz	0.807			≤ 1.250	PASS
E.I.R.P.		mW/MHz	2.097	-	-	≤ 6.250	PASS
		dBm/MHz	3.217	-	-	≤ 7.959	PASS
Peak Antenna Gain (Chain0)		dBi	4.15			---	---
Peak Antenna Gain (Chain1)		dBi	4.15			---	---
Tested Circuit Insertion Loss (Chain0)		dB	11.30			---	---
Tested Circuit Insertion Loss (Chain1)		dB	11.30			---	---
Tested Circuit Insertion Loss (RX_Chain0)		dB	1.30			---	---
Tested Circuit Insertion Loss (RX_Chain1)		dB	1.30			---	---

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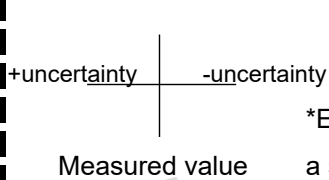
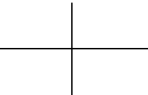
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3 ABOUT UNCERTAINTY OF MEASURED VALUE

- *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	 *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.

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4 MEASUREMENT EQUIPMENT LIST

Conducted Emission Test Site: Conducted F						
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	Calibration Authority	Cal. Method
Attenuator	Marvelous	MVE2213-10	RF04	11/13/2025	SGS	C)
Attenuator	Woken	WATT-218FS-10	RF12	11/13/2025	SGS	C)
Attenuator	Woken	WATT-218FS-10	RF20	11/13/2025	SGS	C)
DC Block	PASTERNAK	PE8210	RF38	11/13/2025	SGS	C)
DC Power Supply	Gwinstek	SPS-3610	GEW902165	12/31/2025	ETC	C)
Power Meter	Anritsu	ML2496A	2138005	09/22/2025	ETC	C)
Power Sensor	Anritsu	MA2411B	1911395	09/22/2025	ETC	C)
Power Sensor	Anritsu	MA2411B	1911396	09/22/2025	ETC	C)
Spectrum Analyzer	KEYSIGHT	N9010B	MY63440390	02/02/2026	ETC	C)
Splitter	Woken	DOM35LW1A2	RF57	11/13/2025	SGS	C)
Test Software	SGS Taiwan	Radio Test Software	Ver.21	N.C.R	N/A	N/A

Carrier Sense

Conducted Emission Test Site: Conducted A						
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	Calibration Authority	Cal. Method
Attenuator	KEYSIGHT	11716C	RF44	11/13/2025	SGS	C)
EMI Test Receiver	Anritsu	N9038A	MY52260216	11/24/2025	ETC	C)
Splitter	RF-LAMBDA	RFLT4W1G18G	RF62	11/13/2025	SGS	C)
Signal Generator	Keysight	N5182B	MY59101143	01/26/2026	ETC	C)
Splitter	Marvelous Microwave	MVE8586	RF49	11/13/2025	SGS	C)
Splitter	Marvelous Microwave	MVE8586	RF50	11/13/2025	SGS	C)

Note 1: 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 2: 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)

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5 RF OUTPUT POWER

RF Output Power						
802.11a_W52_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5180	5220	5240	---	---
Channel Number	Ch.	36	44	48	---	---
RF Output Power (Chain0) (*1)	mW/MHz	6.485	6.632	6.610	---	---
RF Output Power Tolerance (Chain0)	%	-2.22	0.00	-0.33	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	8.119	8.217	8.202	---	---
(*1): included calculation of burst ratio						
RF Output Power						
802.11a_W53_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5260	5300	5320	---	---
Channel Number	Ch.	52	60	64	---	---
RF Output Power (Chain0) (*1)	mW/MHz	5.695	5.847	5.700	---	---
RF Output Power Tolerance (Chain0)	%	-14.13	-11.84	-14.05	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	7.555	7.669	7.559	---	---
(*1): included calculation of burst ratio						
RF Output Power						
802.11a_W56_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5500	5600	5720	---	---
Channel Number	Ch.	100	120	144	---	---
RF Output Power (Chain0) (*1)	mW/MHz	5.916	8.500	9.691	---	---
RF Output Power Tolerance (Chain0)	%	-38.95	-12.29	0.00	$\geq$ -50	PASS
					$\leq$ 50	
Total Output Power (Chain0)	dBm	7.720	9.294	9.864	---	---
(*1): included calculation of burst ratio						

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RF Output Power						
802.11n_W52_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5180	5220	5240	---	---
Channel Number	Ch.	36	44	48	---	---
RF Output Power (Chain0) (*1)	mW/MHz	3.398	2.998	2.984	---	---
RF Output Power (Chain1) (*1)	mW/MHz	3.043	2.963	2.826	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	6.441	5.961	5.810	$\leq$ 10.000	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	0.00	-7.45	-9.80	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	5.312	4.769	4.747	---	---
Total Output Power (Chain1)	dBm	4.833	4.717	4.512	---	---
Total Output Power (Chain0+Chain1)	dBm	8.090	7.753	7.642	---	---
(*1): included calculation of burst ratio						
RF Output Power						
802.11n_W53_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5260	5300	5320	---	---
Channel Number	Ch.	52	60	64	---	---
RF Output Power (Chain0) (*1)	mW/MHz	2.904	2.845	2.879	---	---
RF Output Power (Chain1) (*1)	mW/MHz	2.809	2.491	2.630	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	5.713	5.336	5.509	$\leq$ 10.000	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	-11.30	-17.16	-14.47	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	4.630	4.541	4.593	---	---
Total Output Power (Chain1)	dBm	4.485	3.964	4.200	---	---
Total Output Power (Chain0+Chain1)	dBm	7.569	7.272	7.411	---	---
(*1): included calculation of burst ratio						

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RF Output Power						
802.11n_W56_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5500	5600	5720	---	---
Channel Number	Ch.	100	120	144	---	---
RF Output Power (Chain0) (*1)	mW/MHz	5.149	4.217	4.728	---	---
RF Output Power (Chain1) (*1)	mW/MHz	3.670	4.736	4.790	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	8.819	8.953	9.518	$\leq$ 10.000	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	-7.34	-5.94	0.00	$\geq$ -50	PASS
					$\leq$ 50	
Total Output Power (Chain0)	dBm	7.117	6.250	6.747	---	---
Total Output Power (Chain1)	dBm	5.647	6.754	6.803	---	---
Total Output Power (Chain0+Chain1)	dBm	9.454	9.520	9.785	---	---
(*1): included calculation of burst ratio						
RF Output Power						
802.11n_W52_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5190	5230	-	---	---
Channel Number	Ch.	38	46	-	---	---
RF Output Power (Chain0) (*1)	mW/MHz	1.424	1.527	-	---	---
RF Output Power (Chain1) (*1)	mW/MHz	1.214	1.038	-	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	2.637	2.565	-	$\leq$ 5.000	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	-0.94	-3.64	-	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	1.534	1.838	-	---	---
Total Output Power (Chain1)	dBm	0.842	0.162	-	---	---
Total Output Power (Chain0+Chain1)	dBm	4.211	4.091	-	---	---
(*1): included calculation of burst ratio						

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RF Output Power						
802.11n_W53_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5270	5310	-	---	---
Channel Number	Ch.	54	62	-	---	---
RF Output Power (Chain0) (*1)	mW/MHz	1.388	1.461	-	---	---
RF Output Power (Chain1) (*1)	mW/MHz	1.274	1.110	-	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	2.662	2.571	-	$\leq$ 5.000	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	0.00	-3.42	-	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	1.423	1.646	-	---	---
Total Output Power (Chain1)	dBm	1.052	0.453	-	---	---
Total Output Power (Chain0+Chain1)	dBm	4.252	4.101	-	---	---
(*1): included calculation of burst ratio						
RF Output Power						
802.11n_W56_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5510	5590	5710	---	---
Channel Number	Ch.	102	118	142	---	---
RF Output Power (Chain0) (*1)	mW/MHz	1.624	1.260	1.552	---	---
RF Output Power (Chain1) (*1)	mW/MHz	1.266	1.620	1.295	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	2.890	2.880	2.847	$\leq$ 5.000	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	0.00	-0.35	-1.49	$\geq$ -50	PASS
					$\leq$ 50	
Total Output Power (Chain0)	dBm	2.107	1.002	1.909	---	---
Total Output Power (Chain1)	dBm	1.024	2.096	1.123	---	---
Total Output Power (Chain0+Chain1)	dBm	4.609	4.594	4.544	---	---
(*1): included calculation of burst ratio						

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RF Output Power						
802.11ac_W52_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5210	-	-	---	---
Channel Number	Ch.	42	-	-	---	---
RF Output Power (Chain0) (*1)	mW/MHz	0.713	-	-	---	---
RF Output Power (Chain1) (*1)	mW/MHz	0.520	-	-	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	1.233	-	-	$\leq$ 2.500	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	0.00	-	-	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	-1.469	-	-	---	---
Total Output Power (Chain1)	dBm	-2.837	-	-	---	---
Total Output Power (Chain0+Chain1)	dBm	0.910	-	-	---	---
(*1): included calculation of burst ratio						
RF Output Power						
802.11ac_W53_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5290	-	-	---	---
Channel Number	Ch.	58	-	-	---	---
RF Output Power (Chain0) (*1)	mW/MHz	0.543	-	-	---	---
RF Output Power (Chain1) (*1)	mW/MHz	0.493	-	-	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	1.036	-	-	$\leq$ 2.500	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	-15.98	-	-	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	-2.651	-	-	---	---
Total Output Power (Chain1)	dBm	-3.073	-	-	---	---
Total Output Power (Chain0+Chain1)	dBm	0.154	-	-	---	---
(*1): included calculation of burst ratio						

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RF Output Power						
802.11ac_W56_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5530	5610	5690	---	---
Channel Number	Ch.	106	122	138	---	---
RF Output Power (Chain0) (*1)	mW/MHz	1.041	1.075	1.157	---	---
RF Output Power (Chain1) (*1)	mW/MHz	0.977	0.925	0.839	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	2.018	2.000	1.996	$\leq$ 2.500	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	0.00	-0.89	-1.09	$\geq$ -50	PASS
					$\leq$ 50	
Total Output Power (Chain0)	dBm	0.177	0.315	0.632	---	---
Total Output Power (Chain1)	dBm	-0.101	-0.338	-0.761	---	---
Total Output Power (Chain0+Chain1)	dBm	3.049	3.010	3.002	---	---
(*1): included calculation of burst ratio						
RF Output Power						
802.11ac_W52_W53_160MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5250	-	-	---	---
Channel Number	Ch.	50	-	-	---	---
RF Output Power (Chain0) (*1)	mW/MHz	0.372	-	-	---	---
RF Output Power (Chain1) (*1)	mW/MHz	0.369	-	-	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	0.741	-	-	$\leq$ 1.250	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	0.00	-	-	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	-4.293	-	-	---	---
Total Output Power (Chain1)	dBm	-4.331	-	-	---	---
Total Output Power (Chain0+Chain1)	dBm	-1.302	-	-	---	---
(*1): included calculation of burst ratio						

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RF Output Power						
802.11ac_W56_160MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5570	-	-	---	---
Channel Number	Ch.	114	-	-	---	---
RF Output Power (Chain0) (*1)	mW/MHz	0.401	-	-	---	---
RF Output Power (Chain1) (*1)	mW/MHz	0.376	-	-	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	0.778	-	-	$\leq$ 1.250	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	0.00	-	-	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	-3.966	-	-	---	---
Total Output Power (Chain1)	dBm	-4.245	-	-	---	---
Total Output Power (Chain0+Chain1)	dBm	-1.090	-	-	---	---
(*1): included calculation of burst ratio						
RF Output Power						
802.11ax_W52_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5180	5220	5240	---	---
Channel Number	Ch.	36	44	48	---	---
RF Output Power (Chain0) (*1)	mW/MHz	3.069	2.705	3.337	---	---
RF Output Power (Chain1) (*1)	mW/MHz	3.382	3.168	2.847	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	6.451	5.873	6.184	$\leq$ 10.000	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	0.00	-8.96	-4.14	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	4.870	4.322	5.234	---	---
Total Output Power (Chain1)	dBm	5.292	5.008	4.545	---	---
Total Output Power (Chain0+Chain1)	dBm	8.096	7.689	7.913	---	---
(*1): included calculation of burst ratio						

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RF Output Power						
802.11ax_W53_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5260	5300	5320	---	---
Channel Number	Ch.	52	60	64	---	---
RF Output Power (Chain0) (*1)	mW/MHz	2.215	2.683	2.942	---	---
RF Output Power (Chain1) (*1)	mW/MHz	2.818	3.050	2.633	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	5.032	5.732	5.575	$\leq$ 10.000	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	-22.00	-11.15	-13.58	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	3.453	4.286	4.687	---	---
Total Output Power (Chain1)	dBm	4.499	4.842	4.204	---	---
Total Output Power (Chain0+Chain1)	dBm	7.017	7.583	7.462	---	---
(*1): included calculation of burst ratio						
RF Output Power						
802.11ax_W56_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5500	5600	5720	---	---
Channel Number	Ch.	100	120	144	---	---
RF Output Power (Chain0) (*1)	mW/MHz	4.846	4.692	4.768	---	---
RF Output Power (Chain1) (*1)	mW/MHz	3.256	4.163	4.198	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	8.102	8.854	8.966	$\leq$ 10.000	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	-9.64	-1.25	0.00	$\geq$ -50	PASS
					$\leq$ 50	
Total Output Power (Chain0)	dBm	6.854	6.714	6.783	---	---
Total Output Power (Chain1)	dBm	5.127	6.194	6.231	---	---
Total Output Power (Chain0+Chain1)	dBm	9.086	9.471	9.526	---	---
(*1): included calculation of burst ratio						

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RF Output Power						
802.11ax_W52_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5190	5230	-	---	---
Channel Number	Ch.	38	46	-	---	---
RF Output Power (Chain0) (*1)	mW/MHz	1.687	1.738	-	---	---
RF Output Power (Chain1) (*1)	mW/MHz	1.407	1.565	-	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	3.094	3.303	-	$\leq$ 5.000	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	-6.33	0.00	-	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	2.271	2.399	-	---	---
Total Output Power (Chain1)	dBm	1.483	1.945	-	---	---
Total Output Power (Chain0+Chain1)	dBm	4.905	5.189	-	---	---
(*1): included calculation of burst ratio						
RF Output Power						
802.11ax_W53_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5270	5310	-	---	---
Channel Number	Ch.	54	62	-	---	---
RF Output Power (Chain0) (*1)	mW/MHz	1.357	1.344	-	---	---
RF Output Power (Chain1) (*1)	mW/MHz	1.202	1.254	-	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	2.560	2.598	-	$\leq$ 5.000	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	-22.49	-21.34	-	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	1.327	1.283	-	---	---
Total Output Power (Chain1)	dBm	0.800	0.983	-	---	---
Total Output Power (Chain0+Chain1)	dBm	4.082	4.146	-	---	---
(*1): included calculation of burst ratio						

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RF Output Power						
802.11ax_W56_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5510	5590	5710	---	---
Channel Number	Ch.	102	118	142	---	---
RF Output Power (Chain0) (*1)	mW/MHz	2.160	1.962	2.030	---	---
RF Output Power (Chain1) (*1)	mW/MHz	1.845	1.692	1.852	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	4.005	3.654	3.882	$\leq$ 5.000	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	0.00	-8.76	-3.07	$\geq$ -50	PASS
					$\leq$ 50	
Total Output Power (Chain0)	dBm	3.344	2.927	3.075	---	---
Total Output Power (Chain1)	dBm	2.660	2.285	2.677	---	---
Total Output Power (Chain0+Chain1)	dBm	6.026	5.628	5.891	---	---
(*1): included calculation of burst ratio						
RF Output Power						
802.11ax_W52_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5210	-	-	---	---
Channel Number	Ch.	42	-	-	---	---
RF Output Power (Chain0) (*1)	mW/MHz	0.837	-	-	---	---
RF Output Power (Chain1) (*1)	mW/MHz	0.847	-	-	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	1.684	-	-	$\leq$ 2.500	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	0.00	-	-	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	-0.773	-	-	---	---
Total Output Power (Chain1)	dBm	-0.719	-	-	---	---
Total Output Power (Chain0+Chain1)	dBm	2.263	-	-	---	---
(*1): included calculation of burst ratio						

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RF Output Power						
802.11ax_W53_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5290	-	-	---	---
Channel Number	Ch.	58	-	-	---	---
RF Output Power (Chain0) (*1)	mW/MHz	0.639	-	-	---	---
RF Output Power (Chain1) (*1)	mW/MHz	0.591	-	-	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	1.230	-	-	$\leq$ 2.500	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	-26.96	-	-	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	-1.947	-	-	---	---
Total Output Power (Chain1)	dBm	-2.284	-	-	---	---
Total Output Power (Chain0+Chain1)	dBm	0.899	-	-	---	---
(*1): included calculation of burst ratio						
RF Output Power						
802.11ax_W56_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5530	5610	5690	---	---
Channel Number	Ch.	106	122	138	---	---
RF Output Power (Chain0) (*1)	mW/MHz	1.016	1.068	1.195	---	---
RF Output Power (Chain1) (*1)	mW/MHz	1.028	0.821	0.784	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	2.044	1.889	1.978	$\leq$ 2.500	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	0.00	-7.58	-3.23	$\geq$ -50	PASS
					$\leq$ 50	
Total Output Power (Chain0)	dBm	0.069	0.284	0.773	---	---
Total Output Power (Chain1)	dBm	0.120	-0.854	-1.060	---	---
Total Output Power (Chain0+Chain1)	dBm	3.105	2.762	2.962	---	---
(*1): included calculation of burst ratio						

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RF Output Power						
802.11ax_W52_W53_160MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5250	-	-	---	---
Channel Number	Ch.	50	-	-	---	---
RF Output Power (Chain0) (*1)	mW/MHz	0.369	-	-	---	---
RF Output Power (Chain1) (*1)	mW/MHz	0.323	-	-	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	0.692	-	-	$\leq$ 1.250	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	0.00	-	-	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	-4.334	-	-	---	---
Total Output Power (Chain1)	dBm	-4.905	-	-	---	---
Total Output Power (Chain0+Chain1)	dBm	-1.599	-	-	---	---
(*1): included calculation of burst ratio						
RF Output Power						
802.11ax_W56_160MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5570	-	-	---	---
Channel Number	Ch.	114	-	-	---	---
RF Output Power (Chain0) (*1)	mW/MHz	0.500	-	-	---	---
RF Output Power (Chain1) (*1)	mW/MHz	0.307	-	-	---	---
RF Output Power (*1) (Chain0+Chain1)	mW/MHz	0.807	-	-	$\leq$ 1.250	PASS
RF Output Power Tolerance (Chain0+Chain1)	%	0.00	-	-	$\geq$ -80	PASS
					$\leq$ 20	
Total Output Power (Chain0)	dBm	-3.010	-	-	---	---
Total Output Power (Chain1)	dBm	-5.134	-	-	---	---
Total Output Power (Chain0+Chain1)	dBm	-0.931	-	-	---	---
(*1): included calculation of burst ratio						

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6 FREQUENCY TOLERANCE

Frequency Tolerance						
802.11a_W52_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5180	5220	5240	---	---
Channel Number	Ch.	36	44	48	---	---
Reading Frequency (Chain0)	MHz	5179.9800	5219.9800	5239.9800	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.8610	-3.8314	-3.8168	±20	
Frequency Tolerance						
802.11a_W53_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5260	5300	5320	---	---
Channel Number	Ch.	52	60	64	---	---
Reading Frequency (Chain0)	MHz	5259.9800	5299.9790	5319.9790	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.8023	-3.9623	-3.9474	±20	
Frequency Tolerance						
802.11a_W56_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5500	5600	5720	---	---
Channel Number	Ch.	100	120	144	---	---
Reading Frequency (Chain0)	MHz	5499.9780	5599.9780	5719.9780	---	PASS
Frequency Tolerance (Chain0)	ppm	-4.0000	-3.9286	-3.8462	±20	
Frequency Tolerance						
802.11n_W52_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5180	5220	5240	---	---
Channel Number	Ch.	36	44	48	---	---
Reading Frequency (Chain0)	MHz	5179.9800	5219.9800	5239.9800	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.8610	-3.8314	-3.8168	±20	
Reading Frequency (Chain1)	MHz	5179.9800	5219.9800	5239.9800	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.8610	-3.8314	-3.8168	±20	
Frequency Tolerance						
802.11n_W53_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5260	5300	5320	---	---
Channel Number	Ch.	52	60	64	---	---
Reading Frequency (Chain0)	MHz	5259.9800	5299.9800	5319.9790	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.8023	-3.7736	-3.9474	±20	
Reading Frequency (Chain1)	MHz	5259.9800	5299.9800	5319.9790	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.8023	-3.7736	-3.9474	±20	

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Frequency Tolerance						
802.11n_W56_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5500	5600	5720	---	---
Channel Number	Ch.	100	120	144	---	---
Reading Frequency (Chain0)	MHz	5499.9780	5599.9780	5719.9780	---	PASS
Frequency Tolerance (Chain0)	ppm	-4.0000	-3.9286	-3.8462	±20	
Reading Frequency (Chain1)	MHz	5499.9780	5599.9780	5719.9780	---	PASS
Frequency Tolerance (Chain1)	ppm	-4.0000	-3.9286	-3.8462	±20	
Frequency Tolerance						
802.11n_W52_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5190	5230	-	---	---
Channel Number	Ch.	38	46	-	---	---
Reading Frequency (Chain0)	MHz	5189.9800	5229.9800	-	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.8536	-3.8241	-	±20	
Reading Frequency (Chain1)	MHz	5189.9800	5229.9800	-	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.8536	-3.8241	-	±20	
Frequency Tolerance						
802.11n_W53_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5270	5310	-	---	---
Channel Number	Ch.	54	62	-	---	---
Reading Frequency (Chain0)	MHz	5269.9790	5309.9790	-	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.9848	-3.9548	-	±20	
Reading Frequency (Chain1)	MHz	5269.9790	5309.9790	-	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.9848	-3.9548	-	±20	
Frequency Tolerance						
802.11n_W56_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5510	5590	5710	---	---
Channel Number	Ch.	102	118	142	---	---
Reading Frequency (Chain0)	MHz	5509.9780	5589.9780	5709.9780	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.9927	-3.9356	-3.8529	±20	
Reading Frequency (Chain1)	MHz	5509.9780	5589.9780	5709.9780	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.9927	-3.9356	-3.8529	±20	
Frequency Tolerance						
802.11ac_W52_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5210	-	-	---	---
Channel Number	Ch.	42	-	-	---	---
Reading Frequency (Chain0)	MHz	5209.9800	-	-	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.8388	-	-	±20	
Reading Frequency (Chain1)	MHz	5209.9800	-	-	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.8388	-	-	±20	

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Frequency Tolerance						
802.11ac_W53_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5290	-	-	---	---
Channel Number	Ch.	58	-	-	---	---
Reading Frequency (Chain0)	MHz	5289.9800	-	-	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.7807	-	-	±20	
Reading Frequency (Chain1)	MHz	5289.9800	-	-	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.7807	-	-	±20	
Frequency Tolerance						
802.11ac_W56_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5530	5610	5690	---	---
Channel Number	Ch.	106	122	138	---	---
Reading Frequency (Chain0)	MHz	5529.9790	5609.9780	5689.9780	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.7975	-3.9216	-3.8664	±20	
Reading Frequency (Chain1)	MHz	5529.9790	5609.9780	5689.9780	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.7975	-3.9216	-3.8664	±20	
Frequency Tolerance						
802.11ac_W52_W53_160MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5250	-	-	---	---
Channel Number	Ch.	50	-	-	---	---
Reading Frequency (Chain0)	MHz	5249.9790	-	-	---	PASS
Frequency Tolerance (Chain0)	ppm	-4.0000	-	-	±20	
Reading Frequency (Chain1)	MHz	5249.9800	-	-	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.8095	-	-	±20	
Frequency Tolerance						
802.11ac_W56_160MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5570	-	-	---	---
Channel Number	Ch.	114	-	-	---	---
Reading Frequency (Chain0)	MHz	5569.9780	-	-	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.9497	-	-	±20	
Reading Frequency (Chain1)	MHz	5569.9780	-	-	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.9497	-	-	±20	
Frequency Tolerance						
802.11ax_W52_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5180	5220	5240	---	---
Channel Number	Ch.	36	44	48	---	---
Reading Frequency (Chain0)	MHz	5179.9800	5219.9800	5239.9800	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.8610	-3.8314	-3.8168	±20	
Reading Frequency (Chain1)	MHz	5179.9800	5219.9800	5239.9800	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.8610	-3.8314	-3.8168	±20	

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Frequency Tolerance						
802.11ax_W53_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5260	5300	5320	---	---
Channel Number	Ch.	52	60	64	---	---
Reading Frequency (Chain0)	MHz	5259.9800	5299.9800	5319.9790	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.8023	-3.7736	-3.9474	±20	
Reading Frequency (Chain1)	MHz	5259.9800	5299.9800	5319.9790	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.8023	-3.7736	-3.9474	±20	
Frequency Tolerance						
802.11ax_W56_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5500	5600	5720	---	---
Channel Number	Ch.	100	120	144	---	---
Reading Frequency (Chain0)	MHz	5499.9790	5599.9780	5719.9780	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.8182	-3.9286	-3.8462	±20	
Reading Frequency (Chain1)	MHz	5499.9790	5599.9780	5719.9780	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.8182	-3.9286	-3.8462	±20	
Frequency Tolerance						
802.11ax_W52_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5190	5230	-	---	---
Channel Number	Ch.	38	46	-	---	---
Reading Frequency (Chain0)	MHz	5189.9800	5229.9800	-	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.8536	-3.8241	-	±20	
Reading Frequency (Chain1)	MHz	5189.9800	5229.9790	-	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.8536	-4.0153	-	±20	
Frequency Tolerance						
802.11ax_W53_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5270	5310	-	---	---
Channel Number	Ch.	54	62	-	---	---
Reading Frequency (Chain0)	MHz	5269.9790	5309.9790	-	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.9848	-3.9548	-	±20	
Reading Frequency (Chain1)	MHz	5269.9790	5309.9790	-	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.9848	-3.9548	-	±20	
Frequency Tolerance						
802.11ax_W56_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5510	5590	5710	---	---
Channel Number	Ch.	102	118	142	---	---
Reading Frequency (Chain0)	MHz	5509.9780	5589.9780	5709.9780	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.9927	-3.9356	-3.8529	±20	
Reading Frequency (Chain1)	MHz	5509.9780	5589.9780	5709.9780	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.9927	-3.9356	-3.8529	±20	

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Frequency Tolerance						
802.11ax_W52_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5210	-	-	---	---
Channel Number	Ch.	42	-	-	---	---
Reading Frequency (Chain0)	MHz	5209.9800	-	-	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.8388	-	-	±20	
Reading Frequency (Chain1)	MHz	5209.9800	-	-	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.8388	-	-	±20	
Frequency Tolerance						
802.11ax_W53_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5290	-	-	---	---
Channel Number	Ch.	58	-	-	---	---
Reading Frequency (Chain0)	MHz	5289.9790	-	-	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.9698	-	-	±20	
Reading Frequency (Chain1)	MHz	5289.9790	-	-	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.9698	-	-	±20	
Frequency Tolerance						
802.11ax_W56_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5530	5610	5690	---	---
Channel Number	Ch.	106	122	138	---	---
Reading Frequency (Chain0)	MHz	5529.9790	5609.9780	5689.9780	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.7975	-3.9216	-3.8664	±20	
Reading Frequency (Chain1)	MHz	5529.9780	5609.9780	5689.9780	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.9783	-3.9216	-3.8664	±20	
Frequency Tolerance						
802.11ax_W52_W53_160MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5250	-	-	---	---
Channel Number	Ch.	50	-	-	---	---
Reading Frequency (Chain0)	MHz	5249.9790	-	-	---	PASS
Frequency Tolerance (Chain0)	ppm	-4.0000	-	-	±20	
Reading Frequency (Chain1)	MHz	5249.9790	-	-	---	PASS
Frequency Tolerance (Chain1)	ppm	-4.0000	-	-	±20	
Frequency Tolerance						
802.11ax_W56_160MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5570	-	-	---	---
Channel Number	Ch.	114	-	-	---	---
Reading Frequency (Chain0)	MHz	5569.9780	-	-	---	PASS
Frequency Tolerance (Chain0)	ppm	-3.9497	-	-	±20	
Reading Frequency (Chain1)	MHz	5569.9780	-	-	---	PASS
Frequency Tolerance (Chain1)	ppm	-3.9497	-	-	±20	

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7 OCCUPIED BANDWIDTH

Occupied Bandwidth						
802.11a_W52_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5180	5220	5240	---	---
Channel Number	Ch.	36	44	48	---	---
Occupied Bandwidth (Chain0)	MHz	16.5110	16.5340	16.6120	$\leq$ 20	PASS
Occupied Bandwidth						
802.11a_W53_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5260	5300	5320	---	---
Channel Number	Ch.	52	60	64	---	---
Occupied Bandwidth (Chain0)	MHz	16.4250	16.4170	16.5410	$\leq$ 20	PASS
Occupied Bandwidth						
802.11a_W56_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5500	5600	5720	---	---
Channel Number	Ch.	100	120	144	---	---
Occupied Bandwidth (Chain0)	MHz	18.3030	18.1490	17.0170	$\leq$ 20	PASS
Occupied Bandwidth						
802.11n_W52_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5180	5220	5240	---	---
Channel Number	Ch.	36	44	48	---	---
Occupied Bandwidth (Chain0)	MHz	17.6910	17.6240	17.6470	$\leq$ 20	PASS
Occupied Bandwidth (Chain1)	MHz	17.6530	17.6390	17.6340	$\leq$ 20	PASS
Occupied Bandwidth						
802.11n_W53_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5260	5300	5320	---	---
Channel Number	Ch.	52	60	64	---	---
Occupied Bandwidth (Chain0)	MHz	17.6210	17.6290	17.6240	$\leq$ 20	PASS
Occupied Bandwidth (Chain1)	MHz	17.6180	17.6250	17.6180	$\leq$ 20	PASS
Occupied Bandwidth						
802.11n_W56_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5500	5600	5720	---	---
Channel Number	Ch.	100	120	144	---	---
Occupied Bandwidth (Chain0)	MHz	18.2520	17.8890	17.7440	$\leq$ 20	PASS
Occupied Bandwidth (Chain1)	MHz	17.6640	17.6660	17.7980	$\leq$ 20	PASS
Occupied Bandwidth						
802.11n_W52_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5190	5230	-	---	---
Channel Number	Ch.	38	46	-	---	---
Occupied Bandwidth (Chain0)	MHz	36.1700	36.2530	-	$\leq$ 40	PASS
Occupied Bandwidth (Chain1)	MHz	36.2230	36.2530	-	$\leq$ 40	PASS

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Occupied Bandwidth						
802.11n_W53_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5270	5310	-	---	---
Channel Number	Ch.	54	62	-	---	---
Occupied Bandwidth (Chain0)	MHz	36.1070	36.2180	-	≤ 40	PASS
Occupied Bandwidth (Chain1)	MHz	36.1920	36.1190	-	≤ 40	PASS
Occupied Bandwidth						
802.11n_W56_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5510	5590	5710	---	---
Channel Number	Ch.	102	118	142	---	---
Occupied Bandwidth (Chain0)	MHz	36.2870	36.6340	36.6120	≤ 40	PASS
Occupied Bandwidth (Chain1)	MHz	36.1030	36.2410	36.3460	≤ 40	PASS
Occupied Bandwidth						
802.11ac_W52_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5210	-	-	---	---
Channel Number	Ch.	42	-	-	---	---
Occupied Bandwidth (Chain0)	MHz	75.6740	-	-	≤ 80	PASS
Occupied Bandwidth (Chain1)	MHz	75.6470	-	-	≤ 80	PASS
Occupied Bandwidth						
802.11ac_W53_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5290	-	-	---	---
Channel Number	Ch.	58	-	-	---	---
Occupied Bandwidth (Chain0)	MHz	75.6060	-	-	≤ 80	PASS
Occupied Bandwidth (Chain1)	MHz	75.6080	-	-	≤ 80	PASS
Occupied Bandwidth						
802.11ac_W56_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5530	5610	5690	---	---
Channel Number	Ch.	106	122	138	---	---
Occupied Bandwidth (Chain0)	MHz	75.9580	76.4650	76.3510	≤ 80	PASS
Occupied Bandwidth (Chain1)	MHz	75.5420	75.6930	75.7270	≤ 80	PASS
Occupied Bandwidth						
802.11ac_W52_W53_160MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5250	-	-	---	---
Channel Number	Ch.	50	-	-	---	---
Occupied Bandwidth (Chain0)	MHz	154.9360	-	-	≤ 160	PASS
Occupied Bandwidth (Chain1)	MHz	154.8450	-	-	≤ 160	PASS
Occupied Bandwidth						
802.11ac_W56_160MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5570	-	-	---	---
Channel Number	Ch.	114	-	-	---	---
Occupied Bandwidth (Chain0)	MHz	156.4060	-	-	≤ 160	PASS
Occupied Bandwidth (Chain1)	MHz	154.9300	-	-	≤ 160	PASS

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Occupied Bandwidth						
802.11ax_W52_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5180	5220	5240	---	---
Channel Number	Ch.	36	44	48	---	---
Occupied Bandwidth (Chain0)	MHz	18.9560	18.9770	18.9640	≤ 20	PASS
Occupied Bandwidth (Chain1)	MHz	18.9480	18.9660	18.9340	≤ 20	PASS
Occupied Bandwidth						
802.11ax_W53_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5260	5300	5320	---	---
Channel Number	Ch.	52	60	64	---	---
Occupied Bandwidth (Chain0)	MHz	18.9230	18.9690	19.0140	≤ 20	PASS
Occupied Bandwidth (Chain1)	MHz	18.9240	18.8990	18.9660	≤ 20	PASS
Occupied Bandwidth						
802.11ax_W56_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5500	5600	5720	---	---
Channel Number	Ch.	100	120	144	---	---
Occupied Bandwidth (Chain0)	MHz	19.1100	19.1660	19.0940	≤ 20	PASS
Occupied Bandwidth (Chain1)	MHz	18.9180	19.0010	19.0700	≤ 20	PASS
Occupied Bandwidth						
802.11ax_W52_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5190	5230	-	---	---
Channel Number	Ch.	38	46	-	---	---
Occupied Bandwidth (Chain0)	MHz	37.8580	37.8120	-	≤ 40	PASS
Occupied Bandwidth (Chain1)	MHz	37.8230	37.9050	-	≤ 40	PASS
Occupied Bandwidth						
802.11ax_W53_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5270	5310	-	---	---
Channel Number	Ch.	54	62	-	---	---
Occupied Bandwidth (Chain0)	MHz	37.7740	37.8210	-	≤ 40	PASS
Occupied Bandwidth (Chain1)	MHz	37.7880	37.7400	-	≤ 40	PASS
Occupied Bandwidth						
802.11ax_W56_40MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5510	5590	5710	---	---
Channel Number	Ch.	102	118	142	---	---
Occupied Bandwidth (Chain0)	MHz	37.8140	38.0620	37.9840	≤ 40	PASS
Occupied Bandwidth (Chain1)	MHz	37.7720	37.8250	37.8820	≤ 40	PASS
Occupied Bandwidth						
802.11ax_W52_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5210	-	-	---	---
Channel Number	Ch.	42	-	-	---	---
Occupied Bandwidth (Chain0)	MHz	77.5830	-	-	≤ 80	PASS
Occupied Bandwidth (Chain1)	MHz	77.3410	-	-	≤ 80	PASS

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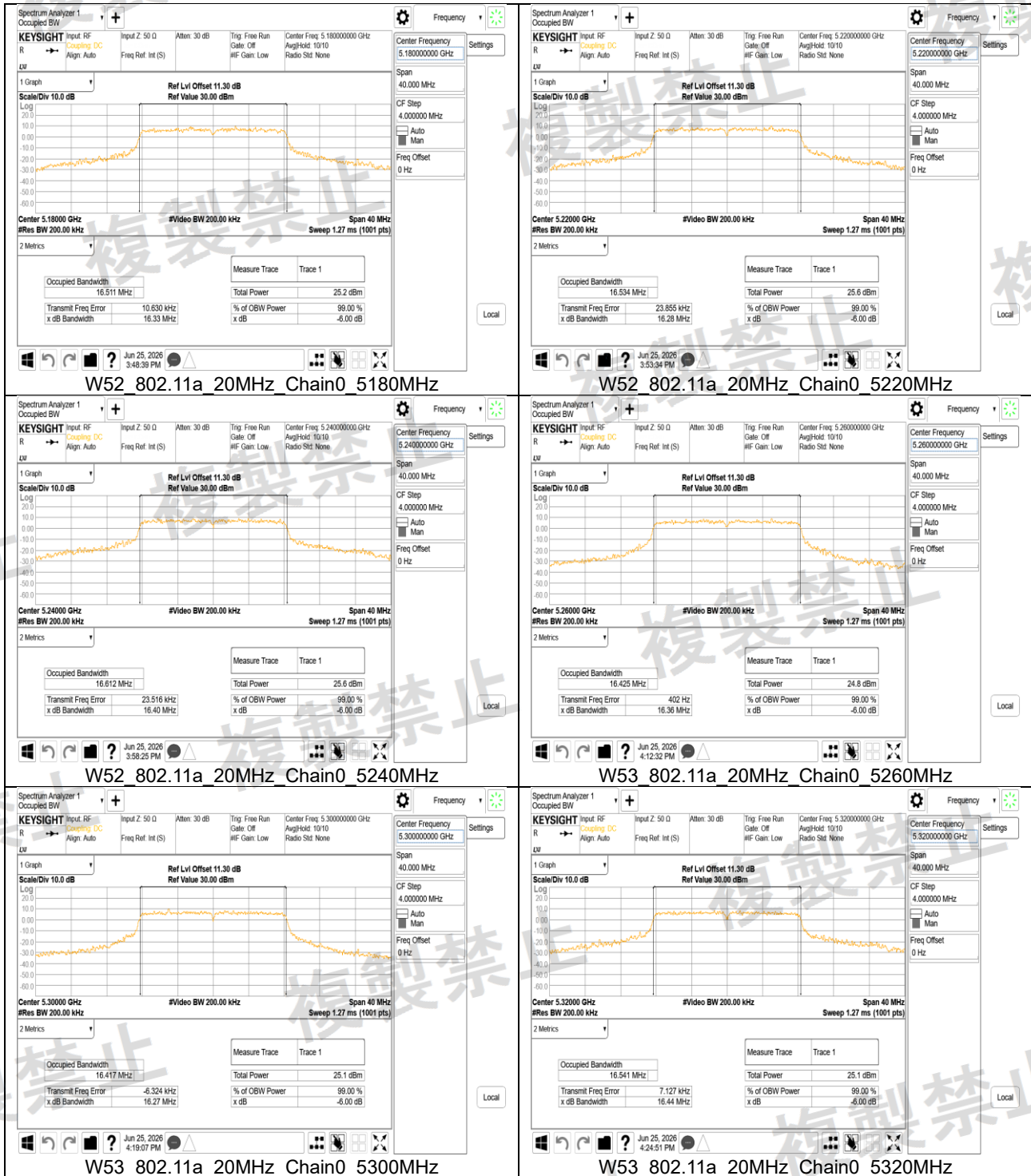
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Occupied Bandwidth						
802.11ax_W53_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5290	-	-	---	---
Channel Number	Ch.	58	-	-	---	---
Occupied Bandwidth (Chain0)	MHz	77.2800	-	-	≤ 80	PASS
Occupied Bandwidth (Chain1)	MHz	77.2240	-	-	≤ 80	PASS
Occupied Bandwidth						
802.11ax_W56_80MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5530	5610	5690	---	---
Channel Number	Ch.	106	122	138	---	---
Occupied Bandwidth (Chain0)	MHz	77.6070	77.7490	77.7210	≤ 80	PASS
Occupied Bandwidth (Chain1)	MHz	77.3020	77.2860	77.3600	≤ 80	PASS
Occupied Bandwidth						
802.11ax_W52_W53_160MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5250	-	-	---	---
Channel Number	Ch.	50	-	-	---	---
Occupied Bandwidth (Chain0)	MHz	156.2420	-	-	≤ 160	PASS
Occupied Bandwidth (Chain1)	MHz	156.3610	-	-	≤ 160	PASS
Occupied Bandwidth						
802.11ax_W56_160MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5570	-	-	---	---
Channel Number	Ch.	114	-	-	---	---
Occupied Bandwidth (Chain0)	MHz	157.6310	-	-	≤ 160	PASS
Occupied Bandwidth (Chain1)	MHz	156.4430	-	-	≤ 160	PASS

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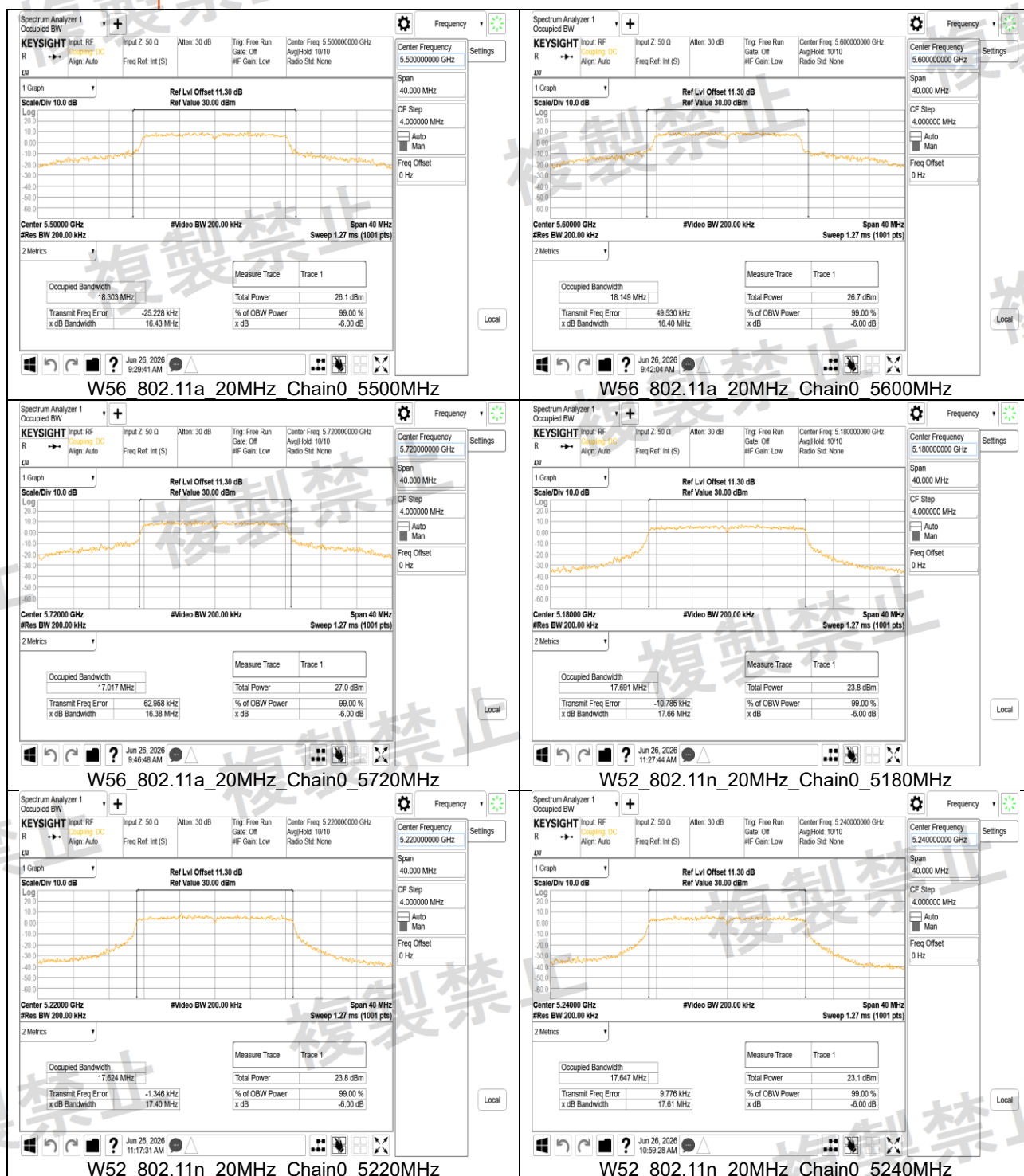
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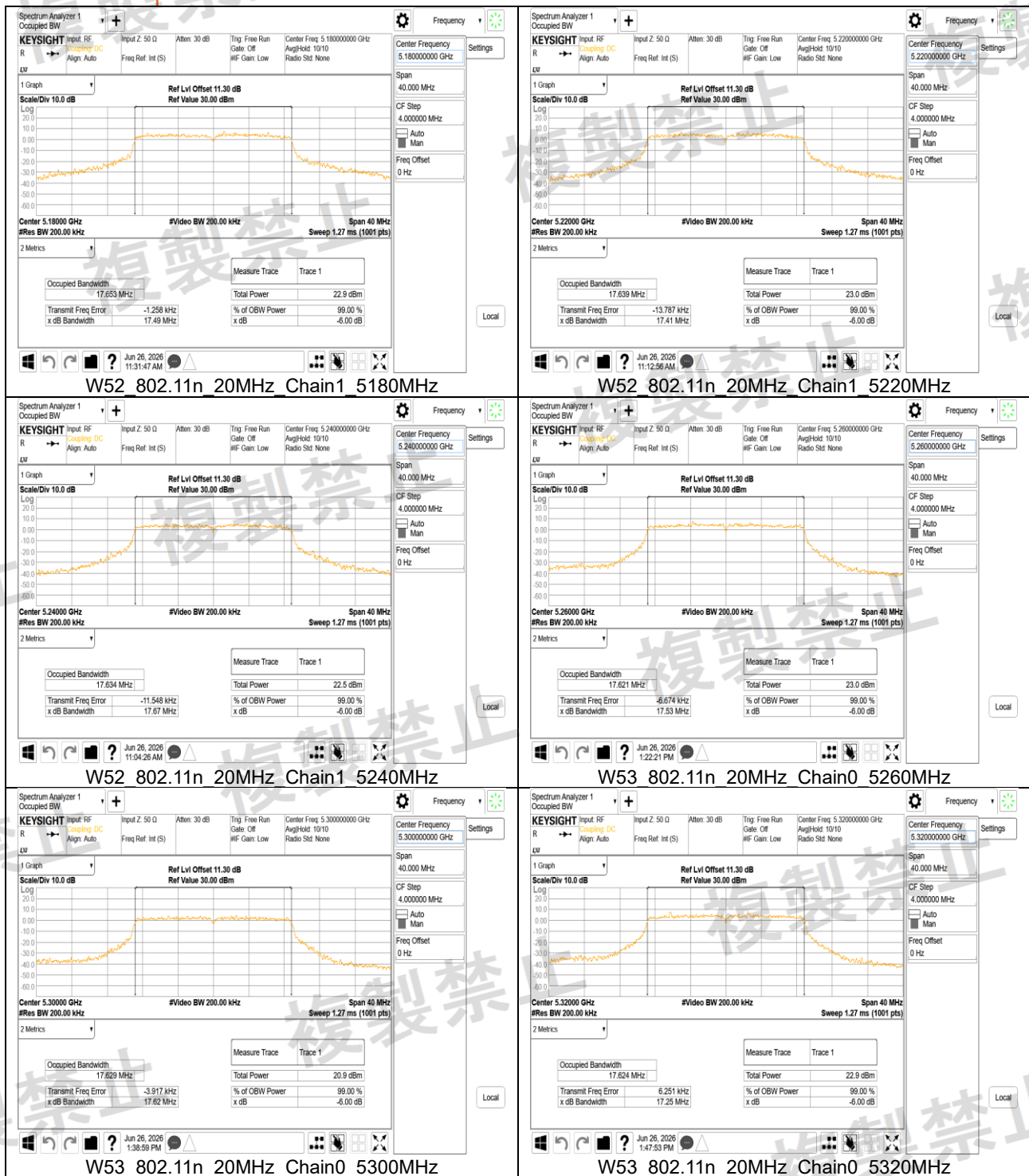
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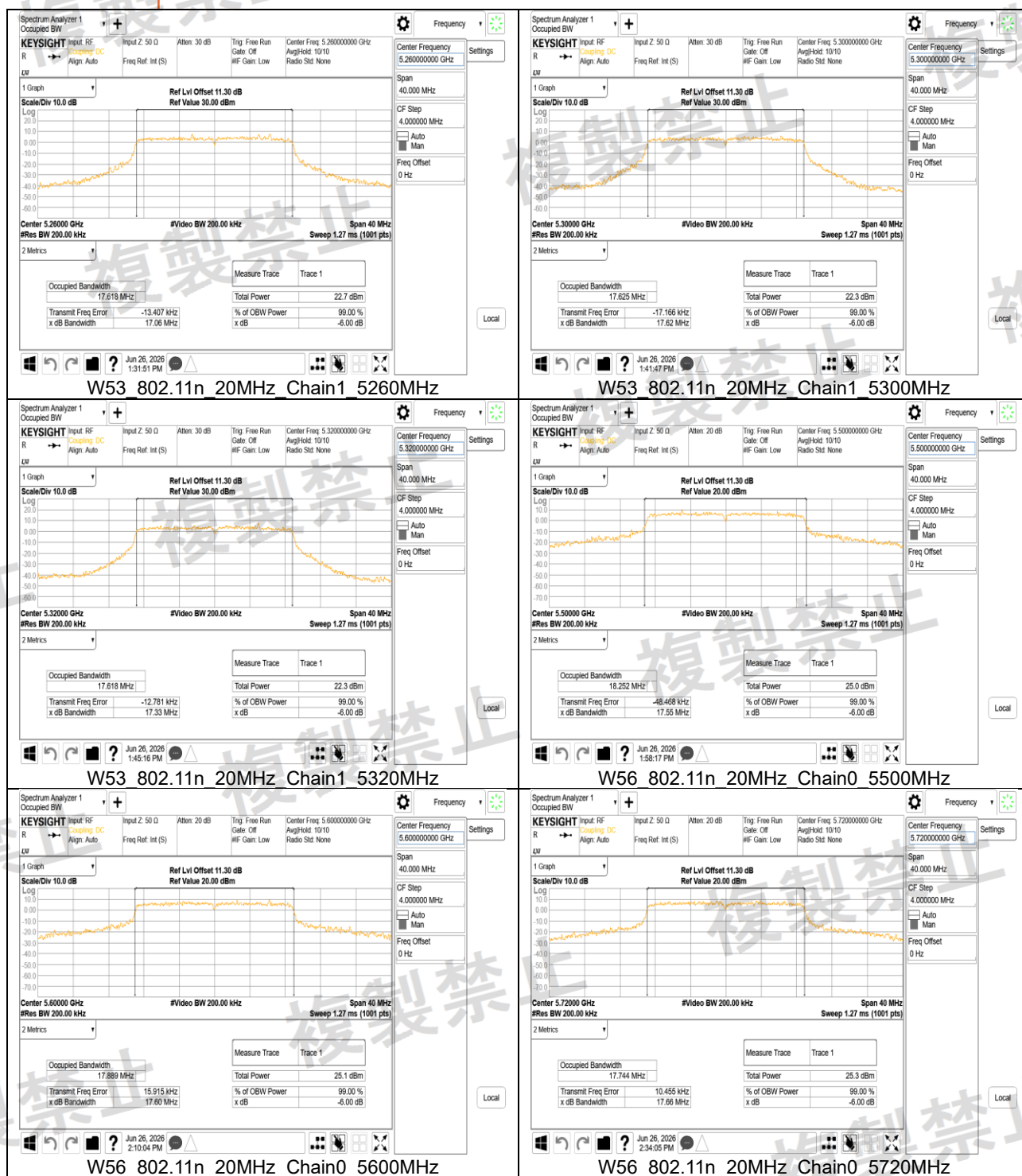
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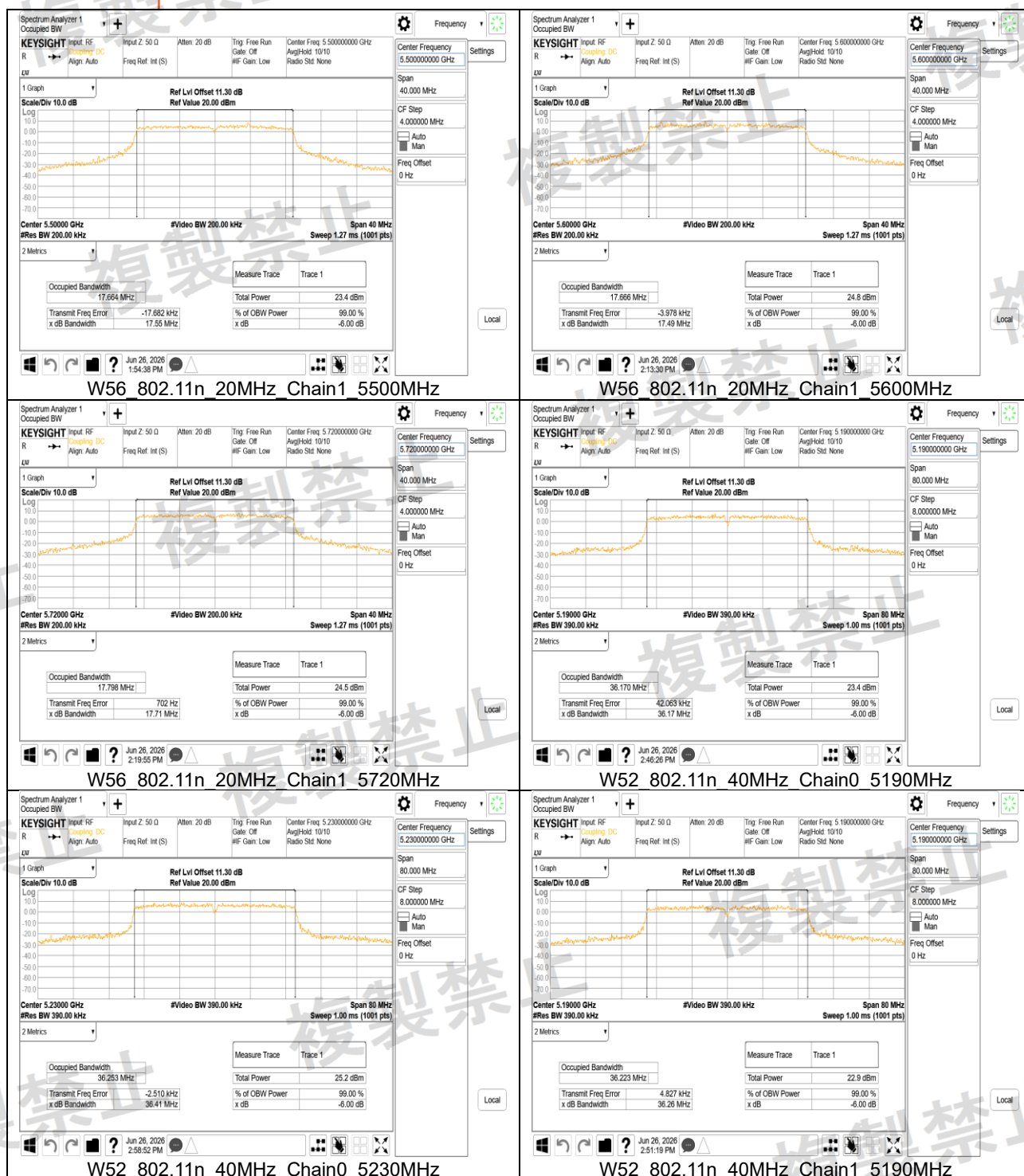
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