Japan Radio Test Report

Project No.	:	2510C218
Equipment	:	AC1300 Mini Wireless MU-MIMO USB Adapter
Brand Name	:	tp-link
Model Name	:	Archer T3U
Applicant	:	TP-Link Systems Inc.
Address	:	10 Mauchly, Irvine, CA 92618
Manufacturer	:	TP-Link Systems Inc.
Address	:	10 Mauchly, Irvine, CA 92618
Factory	:	Lianzhou International Co., Ltd. Guangming Branch
Address	:	Room -101, 1F-8F, C901, C1001, C1101, C1201, No.198, Kelian Road, Yutang Community, Yutang Street, Guangming District, Shenzhen City, Guangdong Province, P.R.China
Date of Receipt	:	Nov. 25, 2025
Date of Test	:	Nov. 27, 2025 ~ Jan. 17, 2026
Issued Date	:	Jun. 03, 2026
Test Sample	:	Engineering Sample No.: DG92025112530
MIC Category	:	Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment Article 2 Paragraph 1 of item19-3
Technical Standard(s)	:	Ordinance Regulating Radio Equipment General Provisions, Transmitting Equipment, Receiving Equipment, Article 49-20
Test Procedure	:	Test Method Specified Radio Equipment Article 2 Paragraph 1 of item19-3 (MIC Notice No.88 Appendix No.45)

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc. (Dongguan)

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. BTL assumes no responsibility for the data provided by the customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by BTL.

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BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.
Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

Table of Contents

	page
REVISION HISTORY	4
1 . SUMMARY OF TEST RESULTS	5
1.1 TEST FACILITY	6
1.2 MEASUREMENT UNCERTAINTY	6
1.3 TEST ENVIRONMENT CONDITIONS	6
2 . GENERAL INFORMATION	7
2.1 GENERAL DESCRIPTION OF EUT	7
2.2 DESCRIPTION OF TEST MODES	10
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	12
2.4 DESCRIPTION OF SUPPORT UNITS	12
2.5 TABLE FOR PARAMETERS OF TEST SOFTWARE SETTING	13
3 . TEST RESULTS	14
3.1 FREQUENCY TOLERANCE MEASUREMENT	14
3.2 OCCUPIED BANDWIDTH MEASUREMENT	15
3.3 UNWANTED EMISSION INTENSITY MEASUREMENT	16
3.4 ANTENNA POWER TOLERANCE MEASUREMENT	20
3.5 ADJACENT CHANNEL EMITTED POWER MEASUREMENT	23
3.6 LIMITATION OF COLLATERAL EMISSION OF RECEIVER MEASUREMENT	25
3.7 RADIO INTERFERENCE PREVENTION CAPABILITY MEASUREMENT	26
3.8 TRANSMISSION BURST LENGTH MEASUREMENT	27
3.9 CARRIER SENSE CAPABILITY MEASUREMENT	28
3.10 CONSTRUCTION PROTECTION CONFIRMATION METHOD	30
4 . LIST OF MEASURING EQUIPMENTS	31
5 . EUT TEST PHOTO	33
APPENDIX A - FREQUENCY TOLERANCE	34
APPENDIX B - OCCUPIED BANDWIDTH	41
APPENDIX C - UNWANTED EMISSION INTENSITY	48
APPENDIX D - ANTENNA POWER TOLERANCE	94
APPENDIX E - ADJACENT CHANNEL EMITTED POWER	107
APPENDIX F - LIMITATION OF COLLATERAL EMISSION OF RECEIVER	114
APPENDIX G - TRANSMISSION BURST LENGTH	127
APPENDIX H - CARRIER SENSE CAPABILITY	131

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-JPAP-2-2510C218	R00	Original Report.	Apr. 06, 2026	Invalid
BTL-JPAP-2-2510C218	R01	This report updated the measuring equipments information in chapter 4. It is a revision of the report BTL-JPAP-2-2510C218 R00. This is a newly released report, replacing the BTL-JPAP-2-2510C218 R00 report.	May 12, 2026	Invalid
BTL-JPAP-2-2510C218	R02	This report updated the photo in chapter 3.10.2. It is a revision of the report BTL-JPAP-2-2510C218 R01. This is a newly released report, replacing the BTL-JPAP-2-2510C218 R01 report.	Jun. 03, 2026	Valid

1. SUMMARY OF TEST RESULTS

Part	Description of Test	Article of ORRE	Result
3.1	Frequency Tolerance	Article 5, Annex 1	Pass
3.2	Occupied Bandwidth	Article 6, Annex 2	Pass
3.3	Unwanted Emission Intensity	Article 7, Annex 3	Pass
3.4	Antenna Power Tolerance	Article 14	Pass
3.5	Adjacent Channel Emitted Power	Article 49-20	Pass
3.6	Limitation of Collateral Emission of Receiver	Article 24, Paragraph 2	Pass
3.7	Radio Interference Prevention Capability	Article 9-4, Item 5 Article 6-2, Item 3 of the Regulation for Enforcement of the Radio Law	Pass
3.8	Transmission Burst Length	Article 49-20	Pass
--	Transmission Power Control Function (TPC)	Article 49-20	Pass
3.9	Carrier Sense Capability(1)	Article 49-20	Pass
--	Carrier Sense Capability (2) (Dynamic Frequency Selection (DFS)) for 5.3GHz	Clause 14	N/A
--	Carrier Sense Capability (3) (Dynamic Frequency Selection (DFS)) for 5.6GHz	Clause 15	N/A
3.10	Construction Protection Confirmation	Article 49-20	Pass

Note:
(1) TPC feature available: ☒ Yes ☐ No
(2) The TPC power range of manufacturer declaration:
20MHz systems: 3.82 mW/MHz EIRP
40MHz systems: 1.88 mW/MHz EIRP
80MHz systems: 0.92 mW/MHz EIRP
(3) This device was functioned as a
☐ Master
☒ Client device without radar detection
☐ Client device with radar detection
a. Choose the frequency which transmits automatically by the control from a master station.
b. Transmission and a stop of a radio wave are preformed by the control from a master station.

1.1 TEST FACILITY

The test facilities used to collect the test data in this report:
DGDLSR08-2/DGDLSR09-2: No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

1.2 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty	Remark
Frequency Tolerance	1.4 ppm	Confidence levels of 95.45%
99% Bandwidth	0.75 %	Confidence levels of 95.45%
Antenna Power	1.3 dB	Confidence levels of 95.45%
TX-RX Emission	2.1 dB	Confidence levels of 95.45%

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
Frequency Tolerance	25°C	49%	DC 5V	Jay Wei
Occupied Bandwidth	25°C	58%	DC 5V	Jay Wei Jensen Zhou
Unwanted Emission Intensity	25°C	58%	DC 5V	Jay Wei Jensen Zhou
Antenna Power Tolerance	26°C	53%	DC 5V	Jay Wei
Adjacent Channel Emitted Power	25°C	58%	DC 5V	Grani Zhou
Limitation of Collateral Emission of Receiver	25°C	49%	DC 5V	Jay Wei Jensen Zhou
Transmission Burst Length	25°C	58%	DC 5V	Grani Zhou
Carrier Sense Capability	21°C	46%	DC 5V	Steve Zhou

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	AC1300 Mini Wireless MU-MIMO USB Adapter
Brand Name	tp-link
Test Model	Archer T3U
Model Name	Archer T3U
Model Difference(s)	N/A
Hardware Version	1.0
Software Version	1.0
Power Source	Supplied from USB port.
Power Rating	DC 5V
Operation Frequency Band(s)	W52: 5150MHz ~ 5250MHz W53: 5250MHz ~ 5350MHz W56: 5470MHz ~ 5730MHz
Modulation Technology	IEEE 802.11a/n/ac: OFDM
Numbers of subcarriers of OFDM	3/MHz
Bit Rate of Transmitter	IEEE 802.11a: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ac: up to 866.7 Mbps
Occupied Bandwidth	76.16 MHz
Antenna Power - W52 (Rated Power)	IEEE 802.11a: 5.62 mW/MHz IEEE 802.11ac(VHT20): 6.22 mW/MHz IEEE 802.11ac(VHT40): 3.01 mW/MHz IEEE 802.11ac(VHT80): 1.45 mW/MHz
Antenna Power - W53 (Rated Power)	IEEE 802.11a: 5.65 mW/MHz IEEE 802.11ac(VHT20): 6.08 mW/MHz IEEE 802.11ac(VHT40): 2.96 mW/MHz IEEE 802.11ac(VHT80): 1.44 mW/MHz
Antenna Power - W56 (Rated Power)	IEEE 802.11a: 8.18 mW/MHz IEEE 802.11ac(VHT20): 9.62 mW/MHz IEEE 802.11ac(VHT40): 4.74 mW/MHz IEEE 802.11ac(VHT80): 2.31 mW/MHz
Antenna Power - W52 (Max. Conducted Power)	IEEE 802.11a: 5.6234 mW/MHz IEEE 802.11ac(VHT20): 6.2230 mW/MHz IEEE 802.11ac(VHT40): 3.0061 mW/MHz IEEE 802.11ac(VHT80): 1.4488 mW/MHz
Antenna Power - W53 (Max. Conducted Power)	IEEE 802.11a: 5.6494 mW/MHz IEEE 802.11ac(VHT20): 6.0814 mW/MHz IEEE 802.11ac(VHT40): 2.9580 mW/MHz IEEE 802.11ac(VHT80): 1.4421 mW/MHz
Antenna Power - W56 (Max. Conducted Power)	IEEE 802.11a: 8.1846 mW/MHz IEEE 802.11ac(VHT20): 9.6161 mW/MHz IEEE 802.11ac(VHT40): 4.7424 mW/MHz IEEE 802.11ac(VHT80): 2.3067 mW/MHz

Note:
1. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

2. Channel List:

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40)		IEEE 802.11ac(VHT80)	
W52		W52		W52	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40)		IEEE 802.11ac(VHT80)	
W53		W53		W53	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40)		IEEE 802.11ac(VHT80)	
W56		W56		W56	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590	138	5690
112	5560	126	5630		
116	5580	134	5670		
120	5600	142	5710		
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
144	5720				

3. Table for Filed Antenna Table:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	tp-link	6035500173	Dipole	N/A	1.99
2	tp-link	6035500173	Dipole	N/A	1.93

Note:

1) The EUT incorporates a CDD(except the IEEE 802.11a mode) function. Physically, the EUT provides two completed transmitters and receivers (2T2R).
2) All Ant. 1,Ant. 2 had been pre-tested and found the Ant.1 power is the highest and worst, so only the data of Ant.1 with offset 3 dB had been recorded.
3) The antenna gain is provided by the manufacturer.

4. Table for Antenna Configuration:

Operating Mode / TX Mode	1TX	2TX
IEEE 802.11a	V (Ant. 1)	-
IEEE 802.11n(HT20)	-	V (Ant. 1+Ant. 2)
IEEE 802.11n(HT40)	-	V (Ant. 1+Ant. 2)
IEEE 802.11ac(VHT20)	-	V (Ant. 1+Ant. 2)
IEEE 802.11ac(VHT40)	-	V (Ant. 1+Ant. 2)
IEEE 802.11ac(VHT80)	-	V (Ant. 1+Ant. 2)

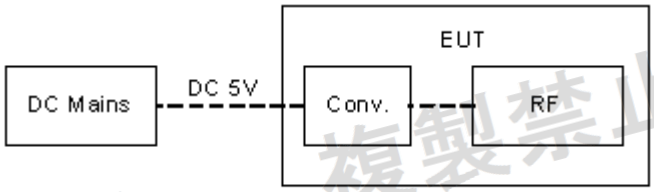
2.2 DESCRIPTION OF TEST MODES

The EUT was tested while in a continuous transmitter / receiver mode.
The EUT was tuned to a low, middle and high channel for all tests.
The EUT continuously transmitted a modulated packet with payload, while transmitting the EUT was setup to operate at the intended maximum power output available to the end user.
For all test cases pre-scan were completed in all modes to determine worst case levels.

Test Mode	Description
Mode 1	IEEE 802.11a / CH36,CH40,CH48 (W52)
Mode 2	IEEE 802.11ac(VHT20) / CH36,CH40,CH48 (W52)
Mode 3	IEEE 802.11ac(VHT40) / CH38,CH46 (W52)
Mode 4	IEEE 802.11ac(VHT80) / CH42 (W52)
Mode 5	IEEE 802.11a / CH52, CH60,CH64 (W53)
Mode 6	IEEE 802.11ac(VHT20) / CH52,CH60,CH64 (W53)
Mode 7	IEEE 802.11ac(VHT40) / CH54,CH62 (W53)
Mode 8	IEEE 802.11ac(VHT80) / CH58 (W53)
Mode 9	IEEE 802.11a / CH100,CH120,CH144 (W56)
Mode 10	IEEE 802.11ac(VHT20) / CH100,CH120,CH144 (W56)
Mode 11	IEEE 802.11ac(VHT40) / CH102,CH118,CH142 (W56)
Mode 12	IEEE 802.11ac(VHT80) / CH106,CH122,CH138 (W56)

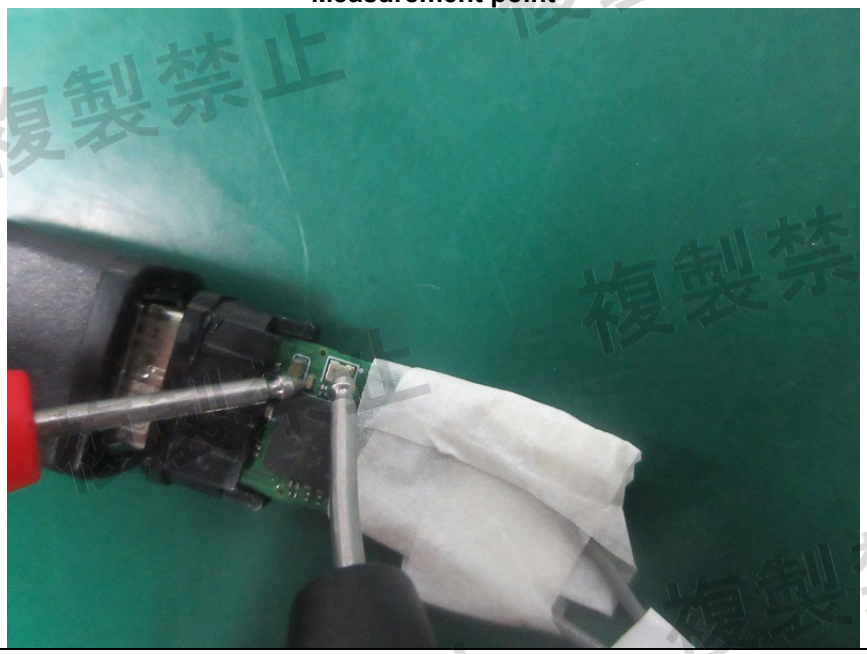
Note: VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.

Power Supply Voltage Fluctuation Test



Voltage Fluctuation Test	Normal Voltage	High Voltage + 10% of Normal Voltage	Low Voltage - 10% of Normal Voltage
Input: DC Power	5V	5.5V	4.5V
Output: DC Power	3.255V	3.255V	3.255V
Voltage Variation (%)	-	0	0

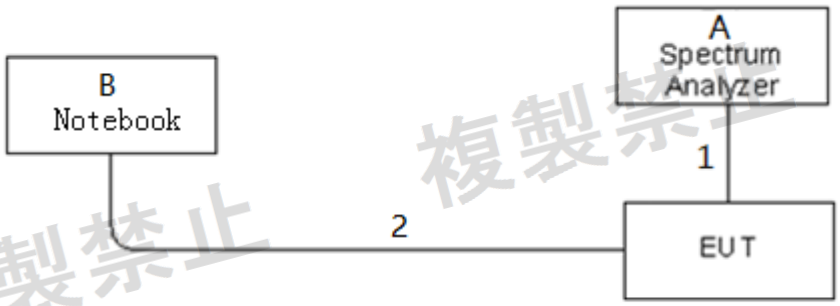
Measurement point



Note:
Voltage Variation (%)
= (Output High or Low Voltage - Output Normal Voltage)/Output Normal Voltage * 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 regulation.

2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.
A	Spectrum Analyzer	R&S	FSP38	100852
B	Notebook	HUAWEI	WFH9	N/A

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	RF Cable	YES	NO	0.1m
2	CONTROL Cable	NO	NO	1.1m

2.5 TABLE FOR PARAMETERS OF TEST SOFTWARE SETTING

During testing, Channel & Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level.

W52			
Test Software Version	Win7_MP_Kit_RTL11ac_8822BU_USB_v5.05		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	48	48	48
IEEE 802.11ac(VHT20)	46	46	46
Frequency (MHz)	5190	5230	
IEEE 802.11ac(VHT40)	45	46	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	44		

W53			
Test Software Version	Win7_MP_Kit_RTL11ac_8822BU_USB_v5.05		
Frequency (MHz)	5260	5300	5320
IEEE 802.11a	48	48	48
IEEE 802.11ac(VHT20)	46	46	46
Frequency (MHz)	5270	5310	
IEEE 802.11ac(VHT40)	46	46	
Frequency (MHz)	5290		
IEEE 802.11ac(VHT80)	44		

W56			
Test Software Version	Win7_MP_Kit_RTL11ac_8822BU_USB_v5.05		
Frequency (MHz)	5500	5600	5720
IEEE 802.11a	48	48	48
IEEE 802.11ac(VHT20)	44	44	48
Frequency (MHz)	5510	5590	5710
IEEE 802.11ac(VHT40)	45	45	46
Frequency (MHz)	5530	5610	5690
IEEE 802.11ac(VHT80)	45	46	47

3. TEST RESULTS

3.1 FREQUENCY TOLERANCE MEASUREMENT

3.1.1 LIMIT

Item	Limits (See Article 5 and Annex 1 table 8-6 of the Ordinance Regulating Radio Equipment)
Frequency Tolerance	-20≤ppm≤20

3.1.2 SETTING

The following table is the setting of spectrum analyzer.

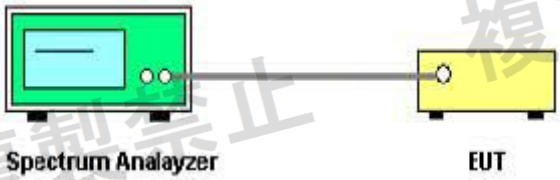
Spectrum Parameter	Setting
Span	500kHz
RBW / VBW	30kHz / 30kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

3.1.3 TEST PROCEDURES

Test method according to Clause 3 of Specified Radio Equipment Article 2 Paragraph 1 of item19-3 (Annex No.45 of MIC Notification No.88).

1. Frequency accuracy of SA shall be less than 10% of limits tolerance (2ppm).
2. Set spectrum analyzer with condition in section 3.1.2 and tune reference level to observe receiving signal position.
3. Center Frequency: The center frequency of testing for EUT.
4. EUT have transmitted absence of modulation signal and fixed channelize. f is using the mark cursor to mark the peak frequency value, fc is declaring of channel frequency.
   Then the frequency error formula is $(fc-f)/fc\times10^{6}$ ppm and the limit is less than ±20ppm.

3.1.4 TEST SETUP LAYOUT



3.1.5 TEST DEVIATION

There is no deviation with the original standard.

3.1.6 EUT OPERATION DURING TEST

The EUT was programmed to be in un-modulation function.

3.1.7 TEST RESULTS

Please refer to the Appendix A.

3.2 OCCUPIED BANDWIDTH MEASUREMENT

3.2.1 LIMIT

Item	Limits (See Article 6 and Annex 2 30 of the Ordinance Regulating Radio Equipment)
Occupied Bandwidth	20MHz systems≤20MHz 40MHz systems≤40MHz 80MHz systems≤80MHz

3.2.2 SETTING

The following table is the setting of spectrum analyzer.

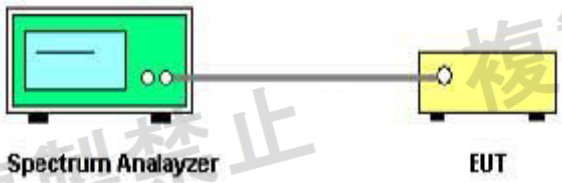
Spectrum Parameter	Setting
Span	20MHz systems: 50MHz 40MHz systems: 80MHz 80MHz systems: 160MHz
RBW / VBW	300kHz / 300kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

3.2.3 TEST PROCEDURES

Test method according to Clause 4 of Specified Radio Equipment Article 2 Paragraph 1 of item19-3 (Annex No.45 of MIC Notification No.88).

1. Set spectrum analyzer with condition in section 3.2.2 and tune reference level to observe receiving signal position.
2. EUT have transmitted the maximum modulation signal and fixed channelize. SA set to 99% of occupied bandwidth to measure occupied bandwidth. The limit is less than section 3.2.1.

3.2.4 TEST SETUP LAYOUT



3.2.5 TEST DEVIATION

There is no deviation with the original standard.

3.2.6 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

3.2.7 TEST RESULTS

Please refer to the Appendix B.

3.3 UNWANTED EMISSION INTENSITY MEASUREMENT

3.3.1 LIMIT

Item	Limits (See Article 7 and Annex 3 29 of the Ordinance Regulating Radio Equipment)	OBW
TX Spurious Emission (EIRP) For 20MHz systems -W52	30MHz ~ 5142MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)	18MHz or less
	5142MHz ~ 5150MHz Limit ≤ 15 μW/MHz (-18.24 dBm/MHz)	
	5250MHz ~ 5251MHz Limit ≤ 1000 ~ 100 μW/MHz (0 ~ -10 dBm/MHz)	
	5251MHz ~ 5260MHz Limit ≤100 ~ 15.8 μW/MHz (-10 ~ -18 dBm/MHz)	
	5260MHz ~ 5266.7MHz Limit ≤15.8 ~ 2.5 μW/MHz (-18 ~ -26 dBm/MHz)	
	5266.7MHz ~ 26000MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)	
	30MHz ~ 5142MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)	18MHz-20MHz
	5142MHz ~ 5150MHz Limit ≤ 15 μW/MHz (-18.24 dBm/MHz)	
	5250MHz ~ 5250.2MHz Limit ≤ 2154.4 ~ 631.0 μW/MHz (3.33 ~ -2.0 dBm/MHz)	
	5250.2MHz ~ 5251MHz Limit ≤ 631.0 ~ 100 μW/MHz (-2.0 ~ -10 dBm/MHz)	
	5251MHz ~ 5260MHz Limit ≤ 100 ~ 15.8 μW/MHz (-10 ~ -18 dBm/MHz)	
	5260 MHz ~ 5266.7 MHz Limit ≤ 15.8 ~ 2.5 μW/MHz (-18 ~ -26 dBm/MHz)	
	5266.7MHz ~ 26000MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)	
TX Spurious Emission (EIRP) For 20MHz systems -W53	30MHz ~ 5233.3MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)	18MHz or less
	5233.3MHz ~ 5240MHz Limit ≤ 2.5 ~ 15.8 μW/MHz (-26 ~ -18 dBm/MHz)	
	5240MHz ~ 5249MHz Limit ≤ 15.8 ~ 100 μW/MHz (-18 ~ -10 dBm/MHz)	
	5249MHz ~ 5250MHz Limit ≤100 ~ 1000 μW/MHz (-10 ~ 0 dBm/MHz)	
	5350MHz ~ 26000MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)	
	30MHz ~ 5233.3MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)	18MHz-20MHz
	5233.3MHz ~ 5240MHz Limit ≤ 2.5 ~ 15.8 μW/MHz (-26 ~ -18 dBm/MHz)	
	5240MHz ~ 5249MHz Limit ≤15.8 ~ 100.0 μW/MHz (-18 ~ -10 dBm/MHz)	
	5249MHz ~ 5249.8MHz Limit ≤ 100.0 ~ 631.0 μW/MHz (-10 ~ -2 dBm/MHz)	
	5249.8 MHz ~ 5250 MHz Limit ≤ 631 ~ 2154.4 μW/MHz (-2 ~ 3.33dBm/MHz)	
	5350MHz ~ 26000MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)	

Item	Limits (See Article 7, Table 3 of the Ordinance Regulating Radio Equipment)	OBW
TX Spurious Emission (EIRP) For 20MHz systems -W56	30MHz ~ 5460MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)	OFDM
	5460MHz ~ 5470MHz Limit ≤ 12.5 μW/MHz (-19.03 dBm/MHz)	
	5745MHz ~ 5765MHz Limit ≤ 12.5 μW/MHz (-19.03 dBm/MHz)	
	5765MHz ~ 26000MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)	

Item	Limits (See Article 7, Table 3 of the Ordinance Regulating Radio Equipment)
TX Spurious Emission (EIRP) For 40MHz systems -W52	30MHz ~ 5141.6MHz Limit ≤ 2.5 μW/MHz(-26.02 dBm/MHz)
	5141.6MHz ~ 5150MHz Limit ≤ 15 μW/MHz (-18.24 dBm/MHz)
	5250MHz ~ 5251MHz Limit ≤ 500 ~ 50 μW/MHz (-3 ~ -13 dBm/MHz)
	5251MHz ~ 5270MHz Limit ≤ 50 ~ 7.9 μW/MHz (-13 ~ -21 dBm/MHz)
	5270MHz ~ 5278.4MHz Limit ≤ 7.9 ~ 2.5 μW/MHz (-21 ~ -26 dBm/MHz)
	5278.4MHz ~ 26000MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)
TX Spurious Emission (EIRP) For 40MHz systems -W53	30MHz ~ 5221.6MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)
	5221.6MHz ~ 5230MHz Limit ≤ 2.5 ~ 7.9 μW/MHz (-26 ~ -21 dBm/MHz)
	5230MHz ~ 5249MHz Limit ≤ 7.9 ~ 50 μW/MHz (-21 ~ -13 dBm/MHz)
	5249MHz ~ 5250MHz Limit ≤ 50 ~ 500 μW/MHz (-13 ~ -3 dBm/MHz)
	5350MHz ~ 5358.4MHz Limit ≤ 15 μW/MHz (-18.24 dBm/MHz)
	5358.4MHz ~ 26000MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)
TX Spurious Emission (EIRP) For 40MHz systems -W56	30MHz ~ 5460MHz Limit ≤ 12.5 μW/MHz (-19.03 dBm/MHz)
	5460MHz ~ 5470MHz Limit ≤ 50 μW/MHz (-13.01 dBm/MHz)
	5770MHz ~ 26000MHz Limit ≤ 12.5 μW/MHz (-19.03 dBm/MHz)

Item	Limits (See Article 7, Table 3 of the Ordinance Regulating Radio Equipment)
TX Spurious Emission (EIRP) For 80MHz systems -W52	30MHz ~ 5123.2MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)
	5123.2MHz ~ 5150MHz Limit ≤ 15 μW/MHz (-18.24 dBm/MHz)
	5250MHz ~ 5251MHz Limit ≤ 250 ~ 25 μW/MHz (-6 ~ -16 dBm/MHz)
	5251MHz ~ 5290MHz Limit ≤ 25 ~ 4.0 μW/MHz (-16 ~ -24 dBm/MHz)
	5290MHz ~ 5296.7MHz Limit ≤ 4.0 ~ 2.5 μW/MHz (-24 ~ -26 dBm/MHz)
	5296.7MHz ~ 26000MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)
TX Spurious Emission (EIRP) For 80MHz systems -W53	30MHz ~ 5203.3MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)
	5203.3MHz ~ 5210MHz Limit ≤ 2.5 ~ 4 μW/MHz (-26 ~ -24 dBm/MHz)
	5210MHz ~ 5249MHz Limit ≤ 4 ~ 25 μW/MHz (-24 ~ -16 dBm/MHz)
	5249MHz ~ 5250MHz Limit ≤ 25 ~ 250 μW/MHz (-16 ~ -6 dBm/MHz)
	5350MHz ~ 5376.8MHz Limit ≤ 15 μW/MHz (-18.24 dBm/MHz)
	5376.8MHz ~ 26000MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)
TX Spurious Emission (EIRP) For 80MHz systems -W56	30MHz ~ 5460MHz Limit ≤ 12.5 μW/MHz (-19.03 dBm/MHz)
	5460MHz ~ 5469.5MHz Limit ≤ 50 μW/MHz (-13.01 dBm/MHz)
	5469.5MHz ~ 5470MHz Limit ≤ 51.2 μW/MHz (-12.91dBm/MHz)
	5770MHz ~ 26000MHz Limit ≤ 12.5 μW/MHz (-19.03 dBm/MHz)

Band	W52 / W53 / W56				
Frequency Range	30MHz ~ 1GHz	1GHz ~ 2.5GHz	2.5GHz ~ 6GHz	6GHz ~ 12.5GHz	12.5GHz ~ 26GHz
Cable Loss (dB)	18	18	18	18	18
Note: The cable loss already includes antenna gain.					

3.3.2 SETTING

The following table is the setting of spectrum analyzer.

Spectrum Parameter	Setting
RBW / VBW	1MHz / 1MHz
Detector	Positive Peak
Trace	Max Hold
Sweep Time	Auto

3.3.3 TEST PROCEDURES

Test method according to Clause 5 & Clause 6 of Specified Radio Equipment Article 2 Paragraph 1 of item19-3 (Annex No.45 of MIC Notification No.88).

1. EUT have transmitted the maximum modulation signal and fixed channelize.
2. Set spectrum analyzer with condition in section 3.3.2 and tune reference level to observe receiving signal position.
3. Setting of SA with frequency in section 3.3.1 , then to mark peak reading value + cable loss + Max Ant. Gain shall be less than Limit.
4. Sweep with every specified sweep bandwidth and find maximum power value of each band. Then transform the found values of “Pa” to “Poa” using following formula and if corresponding EIRP “Poa” (dBm/MHz) satisfies regulated limitation, skip the next procedure 3 and record the “Poa” as measurement results. Poa is calculated by following formula Poa = Pa +Gt –Lf
   Pa: found values in the measurment of out of band leakage power (dBm/MHz)
   Gt: Antenna gain at the frequency of the found values (dBi)
   Lf: Cable loss at the frequency of the found values (dB).
5. If the Result_Value is over the requirement, take total sum of 1MHz band centered at the spur frequency like time domain power measurement as Result_Value.

3.3.4 TEST SETUP LAYOUT



3.3.5 TEST DEVIATION

There is no deviation with the original standard.

3.3.6 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

3.3.7 TEST RESULTS

Please refer to the Appendix C.

3.4 ANTENNA POWER TOLERANCE MEASUREMENT

3.4.1 LIMIT

Item	Limits (See Article 14 tables 6 and 7, and Article 49-20 of the Ordinance Regulating Radio Equipment)
Antenna Power - W52 / W53 / W56	20MHz systems ≤ 10 mW/MHz 40MHz systems ≤ 5 mW/MHz 80MHz systems ≤ 2.5 mW/MHz
EIRP - W52	20MHz systems ≤ 10 mW/MHz 40MHz systems ≤ 5 mW/MHz 80MHz systems ≤ 2.5 mW/MHz
EIRP - W53	20MHz systems ≤ 10mW/MHz With TPC 40MHz systems ≤ 5mW/MHz With TPC 80MHz systems ≤ 2.5mW/MHz With TPC
EIRP - W56	20MHz systems ≤ 50mW/MHz With TPC 40MHz systems ≤ 25mW/MHz With TPC 80MHz systems ≤ 12.5mW/MHz With TPC
Antenna Power Tolerance	W52 / W53: +20% ~ -80%, W56: +50% ~ -50% (Base on manufacturer declare antenna power)

3.4.2 SETTING

The following table is the setting of spectrum analyzer.

Step 1:

Spectrum Parameter	Setting
Span	20MHz systems: 20MHz 40MHz systems: 40MHz 80MHz systems: 80MHz
RBW / VBW	1MHz / 1MHz
Detector	RMS
Trace	Max Hold
Sweep Time	Auto

Step 3:

Spectrum Parameter	Setting
Span	0Hz
RBW / VBW	1MHz / 1MHz
Detector	RMS
Trace	Max Hold
Sweep Time	60s

3.4.3 TEST PROCEDURES

Test method according to Clause 7 of Specified Radio Equipment Article 2 Paragraph 1 of item19-3 (Annex No.45 of MIC Notification No.88).

1. Set spectrum analyzer with condition in section 3.4.2 Step 1 and tune reference level to observe receiving signal position.
2. When the trace is complete, find the peak value of the power envelope and record the frequency.
3. Set spectrum analyzer with condition in section 3.4.2 Step 3 and tune reference level to observe receiving signal position. The detector mode "Average" is often referred to as "RMS Average" or "Sample" but do not use Video Average.
4. When the trace is complete, capture the trace, for example using the "View" option on the spectrum analyser. Find the peak value of the trace and place the analyser marker on this peak. This level is recorded as the highest mean power (conducted antenna power) in a 1 MHz band.
5. The maximum EIRP is calculated from the above measured conducted antenna power (P) and the applicable antenna assembly gain "G" in dBi, according to the formula below. If more than one antenna assembly is intended for this power setting, the gain of the antenna assembly with the highest gain shall be used.
   - EIRP = P + G.

3.4.4 TEST SETUP LAYOUT



3.4.5 TEST DEVIATION

There is no deviation with the original standard.

3.4.6 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

3.4.7 TEST RESULTS

Please refer to the Appendix D.

3.5 ADJACENT CHANNEL EMITTED POWER MEASUREMENT

3.5.1 LIMIT

Item	Limits (See Article 49-20 of the Ordinance Regulating Radio Equipment)
Adjacent Channel Emitted Power	≥ 25 dB f ± 20 MHz (20MHz systems) f ± 40 MHz (40MHz systems) f ± 80 MHz (80MHz systems)
	≥ 40 dB f ± 40 MHz (20MHz systems) f ± 80 MHz (40MHz systems)

3.5.2 SETTING

The following table is the setting of spectrum analyzer.

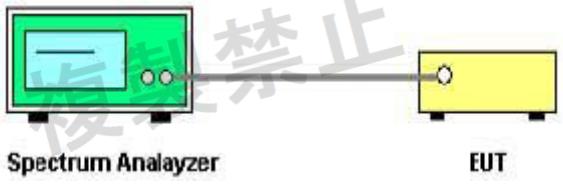
Spectrum Parameter	Setting
Span	20MHz systems: 200MHz 40MHz systems: 400MHz 80MHz systems: 500MHz
RBW / VBW	300kHz / 300kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

3.5.3 TEST PROCEDURES

Test method according to Clause 8 of Specified Radio Equipment Article 2 Paragraph 1 of item19-3 (Annex No.45 of MIC Notification No.88).

1. EUT have transmitted the maximum modulation signal and fixed channelize.
2. Set spectrum analyzer with condition in section 3.5.2 and tune reference level to observe receiving signal position.
3. SA set the Channel Power Function and Channel Bandwidth: 20MHz and Center Frequency: The center frequency of testing for EUT (Such as 5180MHz). Then SA automatically calculate the channel power of EUT and A is representative of this channel power.
4. SA set the Channel Power Function and Channel Bandwidth: 20MHz and Center Frequency: The center frequency of testing for EUT (Such as 5180MHz) ±20MHz. Then SA automatically calculate the first adjacent channel power of EUT and B is representative of this first adjacent channel power.
5. SA set the Channel Power Function and Channel Bandwidth: 20MHz and Center Frequency: The center frequency of testing for EUT (Such as 5180MHz) ±40MHz. Then SA automatically calculate the second adjacent channel power of EUT and C is representative of this first adjacent channel power.
6. Conclusion that A - B is more than 25dB and A - C is more than 40dB.

3.5.4 TEST SETUP LAYOUT



3.5.5 TEST DEVIATION

There is no deviation with the original standard.

3.5.6 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

3.5.7 TEST RESULTS

Please refer to the Appendix E.

3.6 LIMITATION OF COLLATERAL EMISSION OF RECEIVER MEASUREMENT

3.6.1 LIMIT

Item	Limits (See Article 24, Paragraph 2 of the Ordinance Regulating Radio Equipment)
RX Spurious Emission	≤4nW (f<1GHz)
	≤20nW (1GHz≤f)

Band	W52 / W53 / W56				
Frequency Range	30MHz ~ 1GHz	1GHz ~ 2.5GHz	2.5GHz ~ 6GHz	6GHz ~ 12.5GHz	12.5GHz ~ 26GHz
Cable Loss (dB)	1.5	1.5	1.5	1.5	1.5

3.6.2 SETTING

The following table is the setting of spectrum analyzer.

Spectrum Parameter	Setting
RBW / VBW	100 kHz / 100 kHz (30 MHz ~ 1000 MHz) 1MHz / 1MHz (Above 1000MHz)
Detector	Positive Peak
Trace	Max Hold
Sweep Time	Auto

3.6.3 TEST PROCEDURES

Test method according to Clause 9 of Specified Radio Equipment Article 2 Paragraph 1 of item19-3 (Annex No.45 of MIC Notification No.88).

1. EUT have the continuous receiving mode and fixed only one channelize.
2. Set spectrum analyzer with condition in section 3.6.2 and tune reference level to observe receiving signal position.
3. SA set RBW: 100kHz and VBW: 100kHz. Then adjust to start frequency 30MHz and stop frequency 1000MHz. Search to mark peak reading value + cable loss shall be less than 4nW.
4. SA set RBW: 1MHz and VBW: 1MHz. Then adjust to start frequency 1000MHz and stop frequency 26000MHz. Search to mark peak reading value + cable loss shall be less than 20nW.

3.6.4 TEST SETUP LAYOUT



3.6.5 TEST DEVIATION

There is no deviation with the original standard.

3.6.6 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously receiving mode.

3.6.7 TEST RESULTS

Please refer to the Appendix F.

3.7 RADIO INTERFERENCE PREVENTION CAPABILITY MEASUREMENT

3.7.1 LIMIT

Item	Limits (See Article 9-4 Item 5 of the Ordinance Regulating Radio Equipment and Article 6-2 Item 3 of the Regulation for Enforcement of the Radio Law)
Identification code	The wireless equipment of the radio station mainly used in the same station automatically sends or receives the identification code.

3.7.2 MEASURING ID CODE SOFTWARE

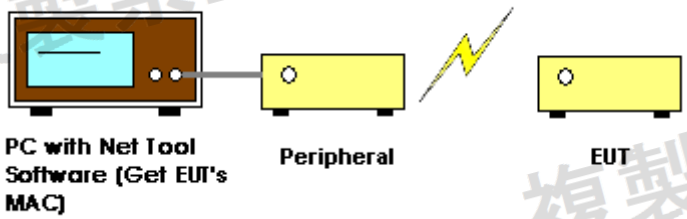
PC with Net Tool	Setting
MAC IP List	MAC Scan

3.7.3 TEST PROCEDURES

Test method according to Clause 24 of Specified Radio Equipment Article 2 Paragraph 1 of item19-3 (Annex No.45 of MIC Notification No.88).

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

3.7.4 TEST SETUP LAYOUT



3.7.5 TEST DEVIATION

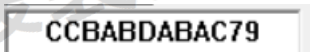
There is no deviation with the original standard.

3.7.6 EUT OPERATION DURING TEST

The EUT was programmed to be in normal mode.

3.7.7 TEST RESULT OF RADIO INTERFERENCE PREVENTION CAPABILITY

Test Power:	Normal Voltage
Test Mode:	IEEE 802.11a
Test Result:	Pass (identification code: [CC:BA:BD:AB:AC:79])



3.8 TRANSMISSION BURST LENGTH MEASUREMENT

3.8.1 LIMIT

Item	Limits (See Article 49-20 of the Ordinance Regulating Radio Equipment)
Transmission Burst Length	≤ 8 ms

3.8.2 SETTING

The following table is the setting of spectrum analyzer.

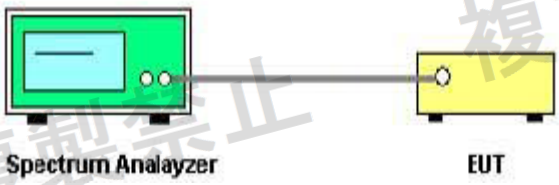
Spectrum Parameter	Setting
Span	0Hz
RBW / VBW	10MHz / 10MHz
Sweep	Single
Detector	Peak
Trigger mode	Video

3.8.3 TEST PROCEDURES

Test method according to Clause 11 of Specified Radio Equipment Article 2 Paragraph 1 of item19-3 (Annex No.45 of MIC Notification No.88).

1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. Set spectrum analyzer with condition in section 3.8.2 and tune reference level to observe receiving signal position.
3. Use a video trigger with the trigger level set to enable triggering only on full pulses.
4. Sweep Time is more than once pulse time.
5. Set the center frequency on any frequency would be measure and set the frequency span to zero span.
6. Measure the maximum time duration of one single pulse.

3.8.4 TEST SETUP LAYOUT



3.8.5 TEST DEVIATION

There is no deviation with the original standard.

3.8.6 EUT OPERATION DURING TEST

The EUT was programmed to be in normal transmitting mode.

3.8.7 TEST RESULTS

Please refer to the Appendix G.

3.9 CARRIER SENSE CAPABILITY MEASUREMENT

3.9.1 LIMIT

Item	Limits (See Article 49-20 of the Ordinance Regulating Radio Equipment)
Carrier Sense Capability	Field intensity in the direction of the maximum gain of a receiving antenna: 100mV/m. *Start transmission after performing a carrier sense. However, when transmission and reception are controlled from other radio equipment, and when the radio equipment which performedtransmission resumes transmission within 8 millisecond after a career sense, it can omit performing a career sense.

3.9.2 SETTING

The following table is the setting of spectrum analyzer.

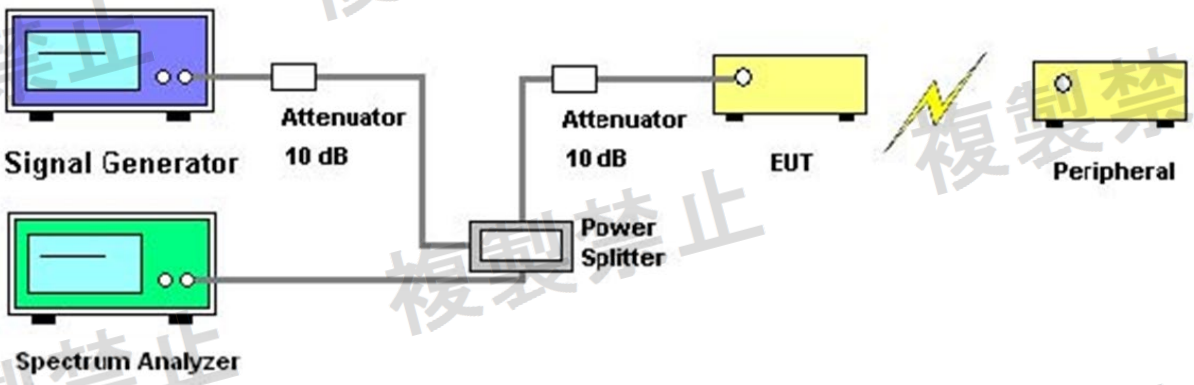
Spectrum Parameter	Setting
Span	20MHz systems: 20MHz 40MHz systems: 40MHz 80MHz systems: 80MHz
RBW / VBW	1MHz / 1MHz
Sweep	Continuous
Detector	Peak

3.9.3 TEST PROCEDURES

Test method according to Clause 13 of Specified Radio Equipment Article 2 Paragraph 1 of item19-3 (Annex No.45 of MIC Notification No.88).

1. SG adjusted the frequency as same as the EUT transmitted signal and emitted the unmodulation from SG and power level is (On 22.79+Gr-20*log(f) [dBm] (Gr: dBi; f: MHz) or 100mV/m). Then turn off the RF signal of SG.
2. EUT have transmitted the maximum modulation signal and fixed channelize.
3. Set spectrum analyzer with condition in section 3.9.2 and tune reference level to observe receving signal position.
4. SG RF signal on.
5. EUT shall be stop the transmitted any signal.
6. SG RF Signal Off.
7. Then EUT will be continuous transmitted signal.

3.9.4 TEST SETUP LAYOUT



3.9.5 TEST DEVIATION

There is no deviation with the original standard.

3.9.6 EUT OPERATION DURING TEST

The EUT was programmed to be in normal transmitting mode.

3.9.7 TEST RESULTS

Please refer to the Appendix H.

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3.10 CONSTRUCTION PROTECTION CONFIRMATION METHOD

3.10.1 LIMIT

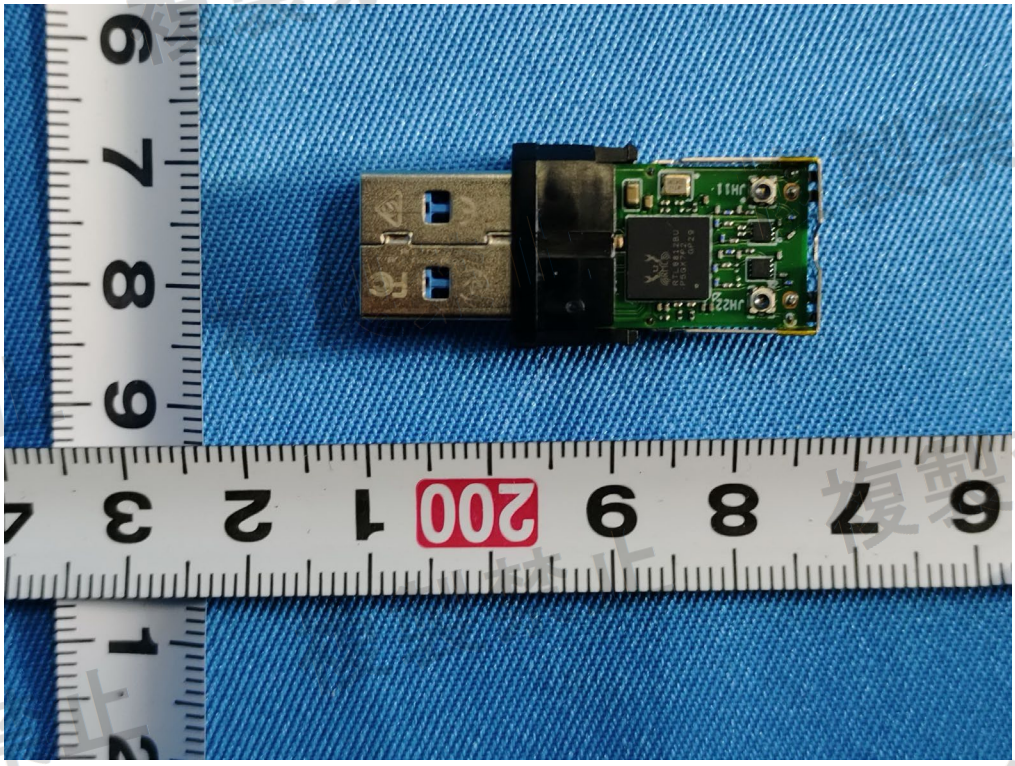
(See Article 49-20 of the Ordinance Regulating Radio Equipment).

The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

3.10.2 CONFIRMATION METHOD

The RF and modulation portions are protected against illegal modification as following method:

Tick the appropriate box	
	1. Sealed with special screws.
	2. Plastic chassis is being welded using ultrasonic waves.
	3. Chassis is glued using a special adhesive.
	4. Metal covers are spot-fused.
	5. Cover is specially interlocked.
	6. RF and Modulation components are covered with shielding case and this shielding case is soldered.
	7. Shield case is welded at RF and modulation parts, and ID-ROM is welded using the BGA Method.
	8. Shield case is welded at RF and modulation parts, and ID-ROM is glued at its lead with a special adhesive
	9. Shield case is welded at RF and modulation parts, and ID-ROM is guled with a non-transparent laminating agent.
√	10. RF and Modulation parts are mounted on PCB with surface mount technology, and there is no any adjustable part on PCB or adjustable parts are not exposed.



4. LIST OF MEASURING EQUIPMENTS

Kind of Equipment	Manufacturer	Model No.	Serial No.	Validity Date (See Note 1)	Calibration Agency	Class Information
MXA Signal Analyzer	KEYSIGHT	N9020B	MY63380204	Jul. 25, 2026	CEPREI Calibration and Testing Center	(c)
Multimeter	FLUKE	15B+(TR13)	45123773WS	May 17, 2026	CEPREI Calibration and Testing Center	(c)
Measurement Software	BTL	BTL Conducted Test	N/A	N/A	N/A	-
DC power supply	UNI-T	UDP6721	AWP7224050031	Nov. 21, 2026	CEPREI Calibration and Testing Center	(c)
Isolation attenuator	Z-Link	ASMA-16-18-2W	N/A	N/A	N/A	-
Spectrum Analyzer	R&S	FSP38	100852	May 27, 2026	CEPREI Calibration and Testing Center	(c)
DC Block	N/A	N/A	N/A	N/A	N/A	-
EXA Spectrum Analyzer	Agilent	N9010A	MY54200164	Nov. 21, 2026	CEPREI Calibration and Testing Center	(c)
MXG Vector Signal Generator	Agilent	N5182A	MY47420312	May 17, 2026	CEPREI Calibration and Testing Center	(c)
Shielding box	Jiachen	JC-PB2009	200917D0184A	N/A	N/A	-
Power Splitter	Mini-Circuits	ZN4PD-642W-S+	SN806321618-2	May 17, 2026	CEPREI Calibration and Testing Center	(c)
Power divider	N/A	PD-2SF-2080	N/A	Nov. 21, 2026	CEPREI Calibration and Testing Center	(c)
Power Splitter	Regalway	RW-PD2-010180SF30	N/A	Nov. 21, 2026	CEPREI Calibration and Testing Center	(c)
Attenuator	RegalWay	RWA-201-S-10	N/A	Apr. 25, 2026	CEPREI Calibration and Testing Center	(c)
Attenuator	RegalWay	RWA-201-S-6	N/A	May 27, 2026	CEPREI Calibration and Testing Center	(c)
DC Block	N/A	N/A	N/A	N/A	N/A	-
DC Block	N/A	N/A	N/A	N/A	N/A	-
Notebook	Lenovo	Xiaoxin Air 14	N/A	N/A	N/A	-
Cable	RegalWay	N/A	RWP50-402-SMSM-1M	N/A	N/A	-
Cable	Woke	N/A	N/A	N/A	N/A	-
Cable	RegalWay	N/A	RWP50-402-SMSM-1M	N/A	N/A	-
Cable	RegalWay	N/A	RWP50-402-SMSM-1M	N/A	N/A	-
Cable	RegalWay	N/A	RWP50-402-SMSM-1M	N/A	N/A	-
WiFi Router	FiberHome	AX3000	N/A	N/A	N/A	-

Kind of Equipment	Manufacturer	Model No.	Serial No.	Validity Date (See Note 1)	Calibration Agency	Class Information
Attenuator	Mini-Circuits	VAT-30+	N/A	Nov. 21, 2026	CEPREI Calibration and Testing Center	(c)

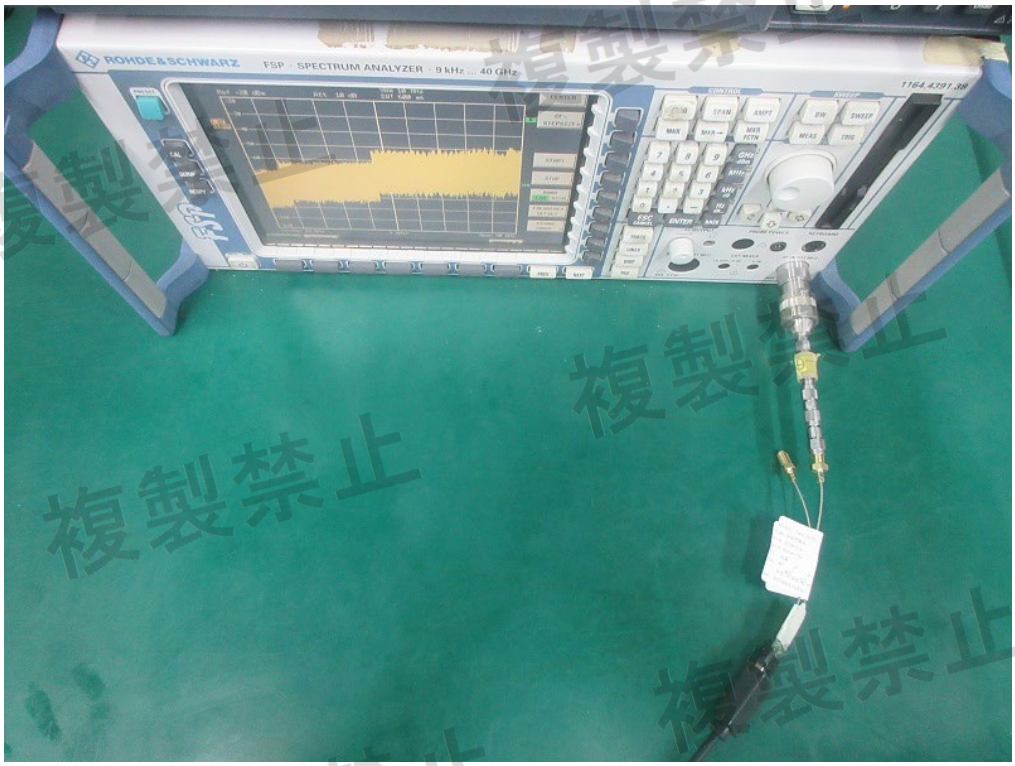
Remark:

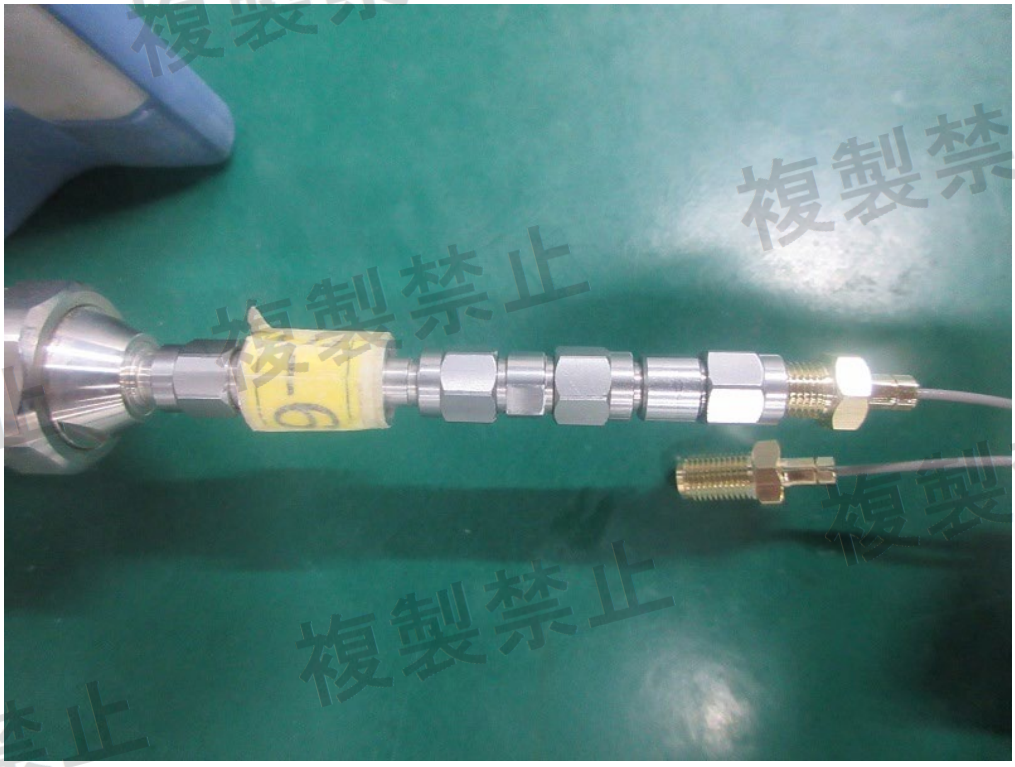
a. Calibration conducted by the National Institute of Information and Communications Technology (NITC) in Japan (hereinafter referred to as “NITC”) or a designated calibration agency under Article 102-18 paragraph (1) in JRL.
b. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Act (Act No.51 of 1992).
c. Calibration conducted in conturies except Japan, whice shall be equivalent to the calibration Conducted by the NITC or a designation agency under Article 102-18 paragraph (1).
d. Calibration, etc. conducted by using measuring instruments and other epuipment listed in the above column of appended table No.3, whice shall have been given any type of calibration, etc. listed above from (a) to (c). From JRL Article 24-2, paragraph 4, item 2.

Note:

1. “N/A” denotes the equipment is verified or confirmed internally by test lab.
2. The calibration interval of the above test instruments is 12 months.
3. The Calibration Agency(CHINA CEPREI LABORATORY) address for the Building 9, No. 78, West Zhucun Avenue, Zhucun Street, Zengcheng District, Guangzhou City.

5. EUT TEST PHOTO





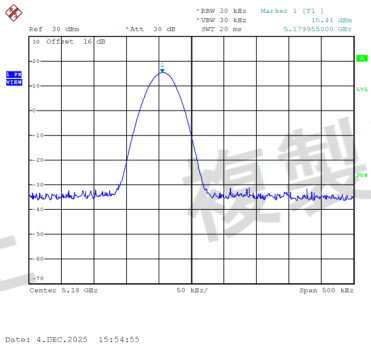
APPENDIX A - FREQUENCY TOLERANCE

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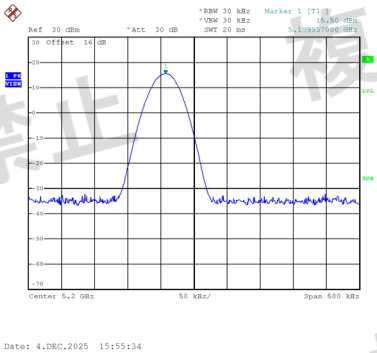
Test Mode:	IEEE 802.11a - W52

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5179.9550	5199.9570	5239.9600	-
Frequency Tolerance (ppm)	-8.69	-8.27	-7.63	Limit: -20≤ppm≤20

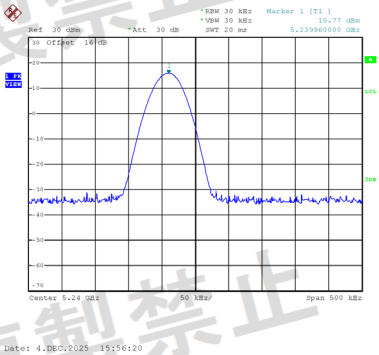
CH36



CH40



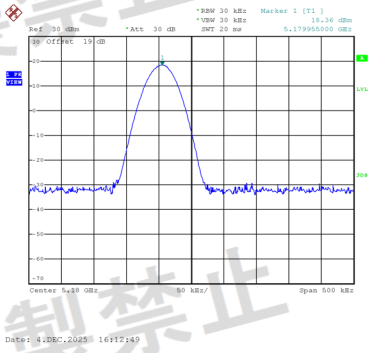
CH48



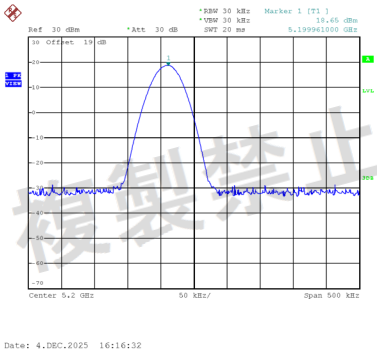
Test Mode:	IEEE 802.11ac(VHT20) - W52

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5179.9550	5199.9610	5239.9560	-
Frequency Tolerance (ppm)	-8.69	-7.50	-8.40	Limit: -20≤ppm≤20

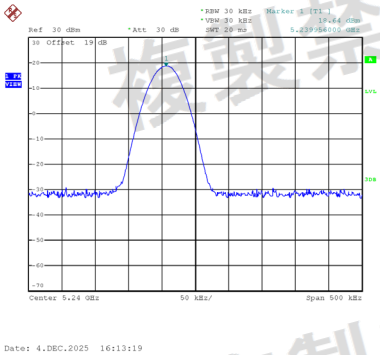
CH36



CH40



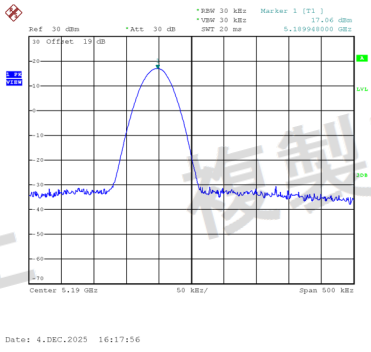
CH48



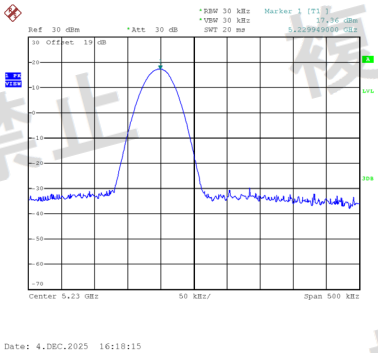
Test Mode:	IEEE 802.11ac(VHT40) - W52

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5190	5230	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5189.9480	5229.9490	-
Frequency Tolerance (ppm)	-10.02	-9.75	Limit: -20≤ppm≤20

CH38



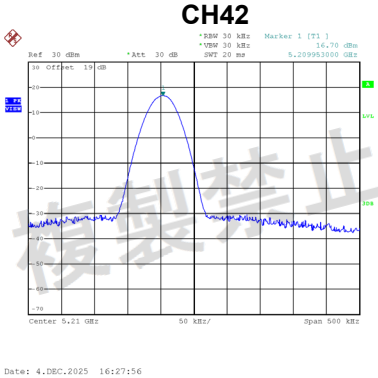
CH46



Test Mode:	IEEE 802.11ac(VHT80) - W52

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5210	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5209.9530	-
Frequency Tolerance (ppm)	-9.02	Limit: -20≤ppm≤20

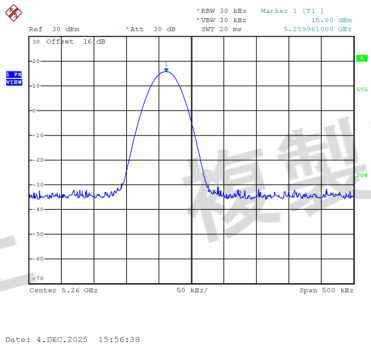
CH42



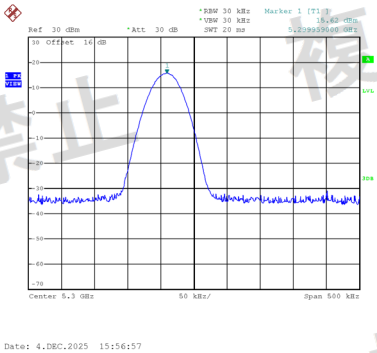
Test Mode:	IEEE 802.11a - W53

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5259.9610	5299.9590	5319.9590	-
Frequency Tolerance (ppm)	-7.41	-7.74	-7.71	Limit: -20≤ppm≤20

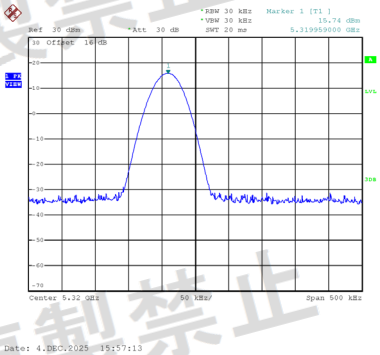
CH52



CH60



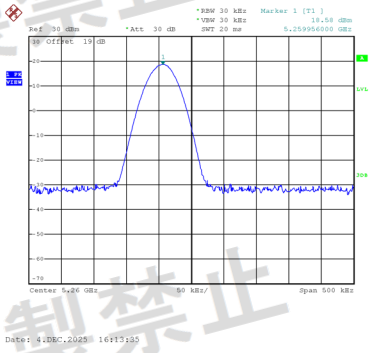
CH64



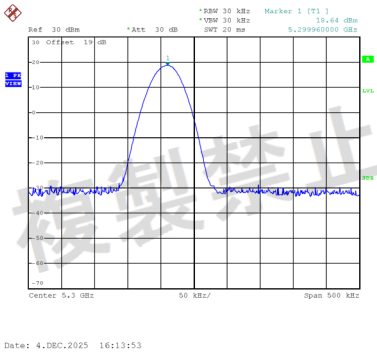
Test Mode:	IEEE 802.11ac(VHT20) - W53

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5259.9560	5299.9600	5319.9570	-
Frequency Tolerance (ppm)	-8.37	-7.55	-8.08	Limit: -20≤ppm≤20

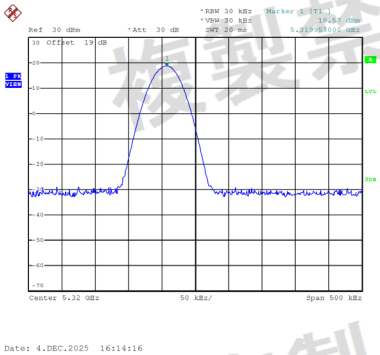
CH52



CH60



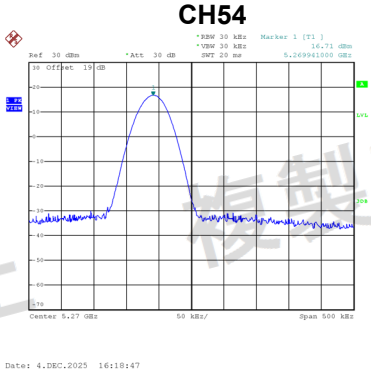
CH64



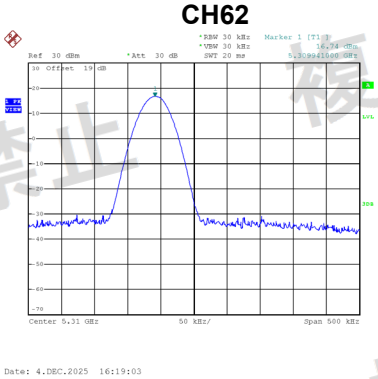
Test Mode:	IEEE 802.11ac(VHT40) - W53

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5270	5310	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5269.9410	5309.9410	-
Frequency Tolerance (ppm)	-11.20	-11.11	Limit: -20≤ppm≤20

CH54



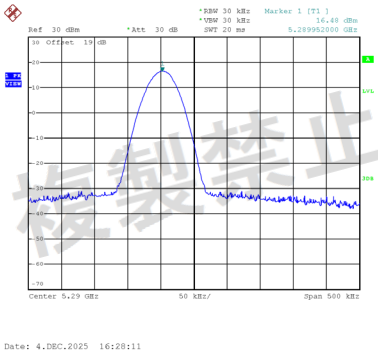
CH62



Test Mode:	IEEE 802.11ac(VHT80) - W53

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5290	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5289.9520	-
Frequency Tolerance (ppm)	-9.07	Limit: -20≤ppm≤20

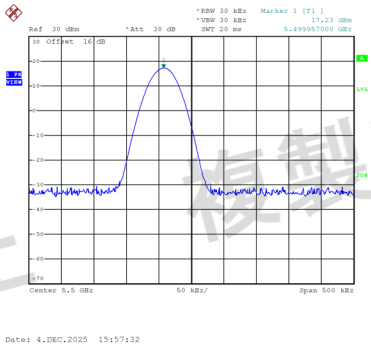
CH58



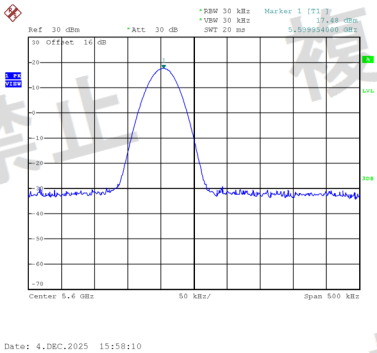
Test Mode:	IEEE 802.11a - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5499.9570	5599.9540	5719.9580	-
Frequency Tolerance (ppm)	-7.82	-8.21	-7.34	Limit: -20≤ppm≤20

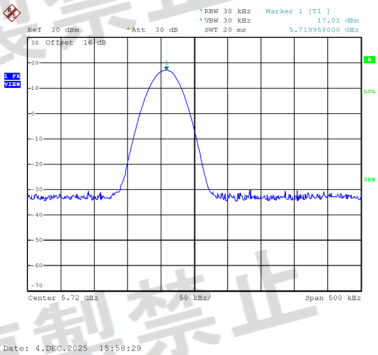
CH100



CH120



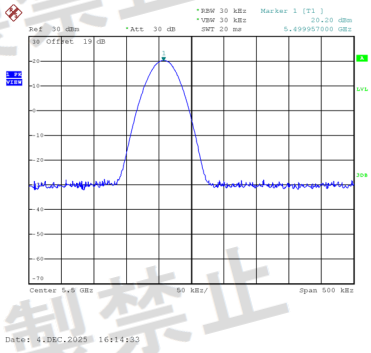
CH144



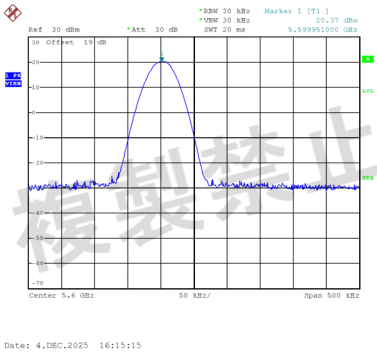
Test Mode:	IEEE 802.11ac(VHT20) - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5499.9570	5599.9510	5719.9510	-
Frequency Tolerance (ppm)	-7.82	-8.75	-8.57	Limit: -20≤ppm≤20

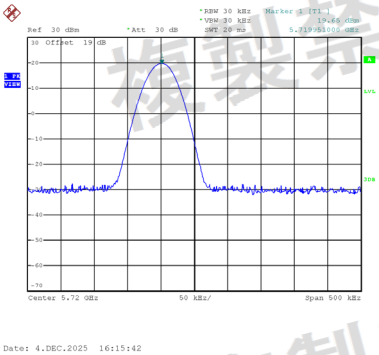
CH100



CH120



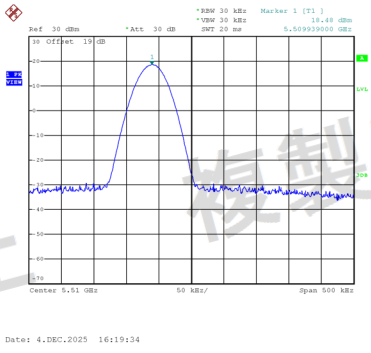
CH144



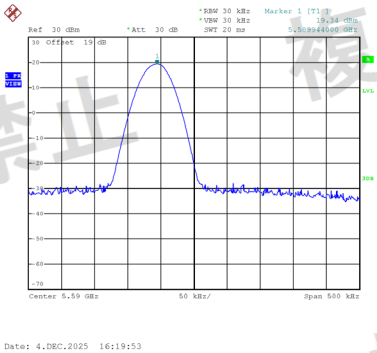
Test Mode:	IEEE 802.11ac(VHT40) - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5510	5590	5710	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5509.9390	5589.9440	5709.9430	-
Frequency Tolerance (ppm)	-11.07	-10.02	-9.98	Limit: -20≤ppm≤20

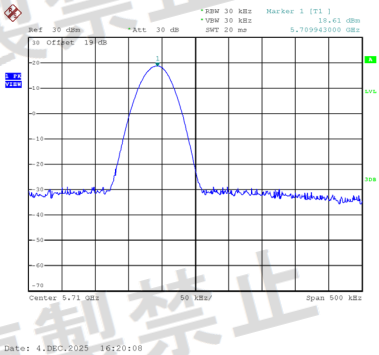
CH102



CH118



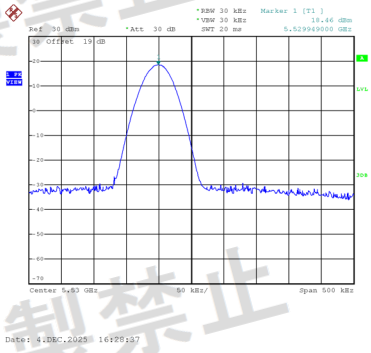
CH142



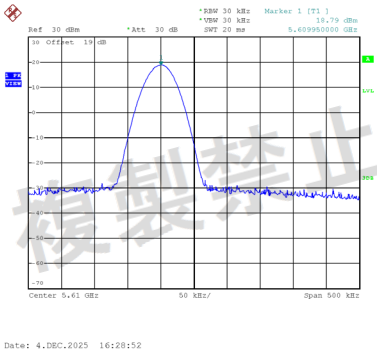
Test Mode:	IEEE 802.11ac(VHT80) - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5530	5610	5690	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5529.9490	5609.9500	5689.9480	-
Frequency Tolerance (ppm)	-9.22	-8.91	-9.14	Limit: -20≤ppm≤20

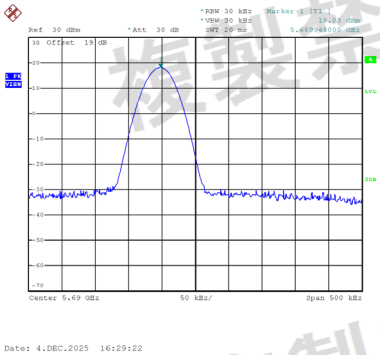
CH106



CH122



CH138



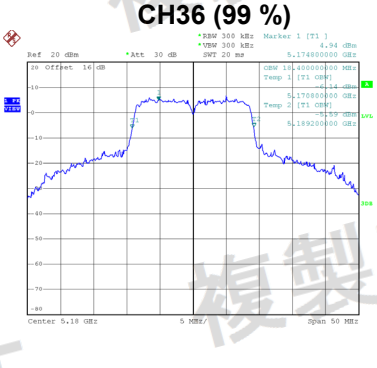
APPENDIX B - OCCUPIED BANDWIDTH

複製禁止

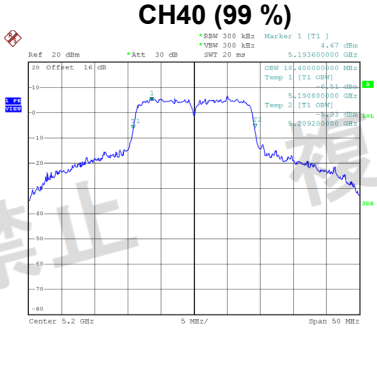
Test Mode:	IEEE 802.11a - W52

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	18.40	18.40	18.50	Limit ≤ 20 MHz

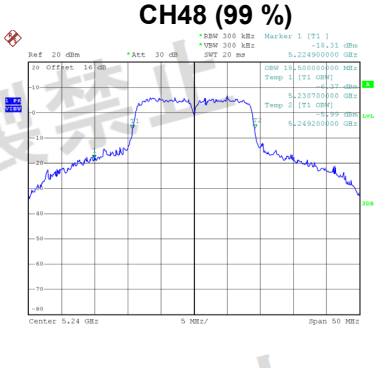
CH36 (99 %)



CH40 (99 %)



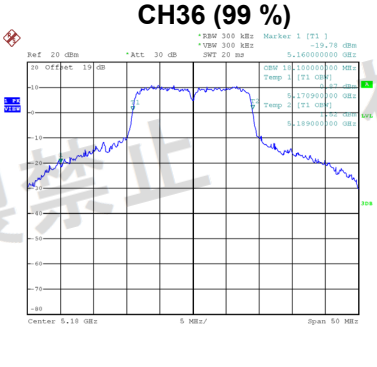
CH48 (99 %)



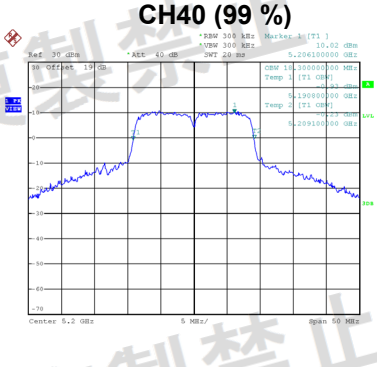
Test Mode:	IEEE 802.11ac(VHT20) - W52

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	18.10	18.30	18.20	Limit ≤ 20 MHz

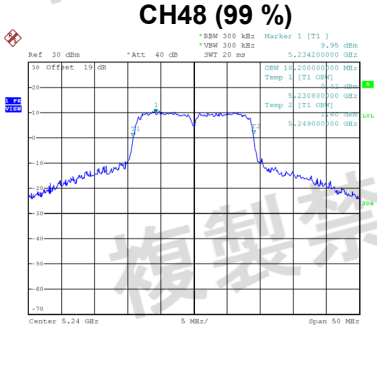
CH36 (99 %)



CH40 (99 %)



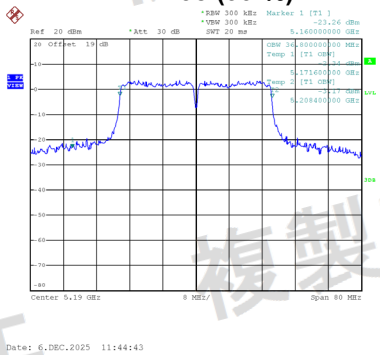
CH48 (99 %)



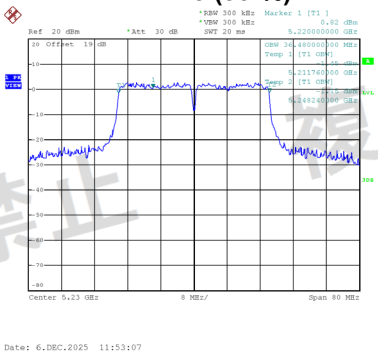
Test Mode:	IEEE 802.11ac(VHT40) - W52

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5190	5230	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	36.80	36.48	Limit ≤ 40 MHz

CH38 (99 %)



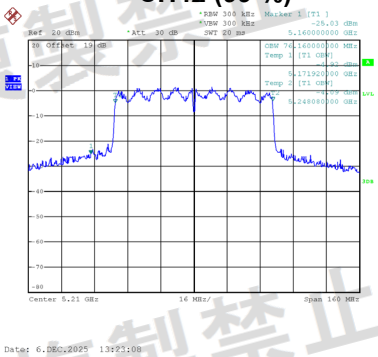
CH46 (99 %)



Test Mode:	IEEE 802.11ac(VHT80) - W52

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5210	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	76.16	Limit ≤ 80 MHz

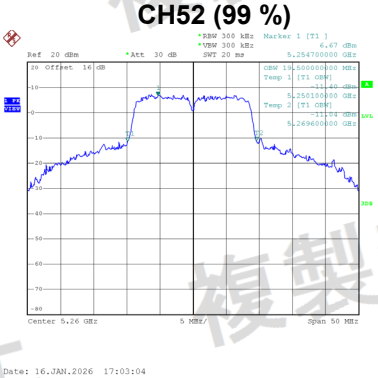
CH42 (99 %)



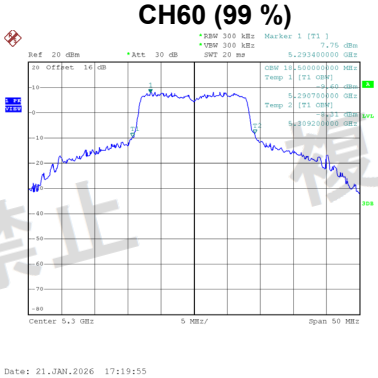
Test Mode:	IEEE 802.11a - W53

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	19.50	18.50	18.10	Limit ≤ 20 MHz

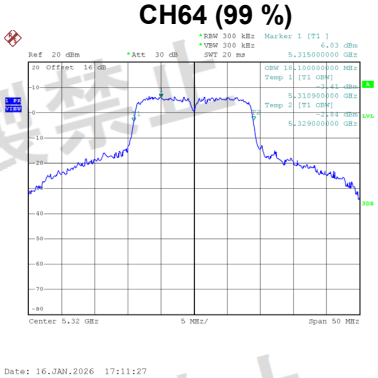
CH52 (99 %)



CH60 (99 %)



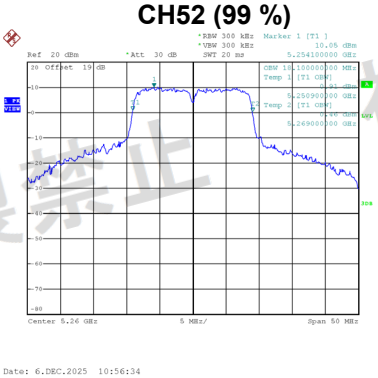
CH64 (99 %)



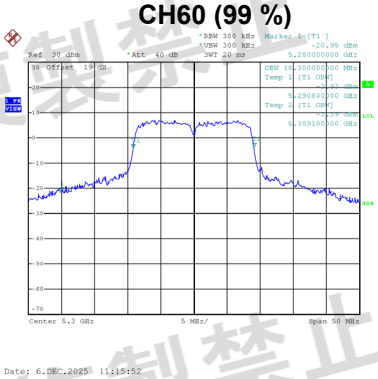
Test Mode:	IEEE 802.11ac(VHT20) - W53

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	18.10	18.30	18.20	Limit ≤ 20 MHz

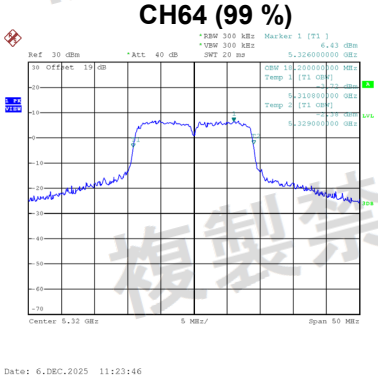
CH52 (99 %)



CH60 (99 %)



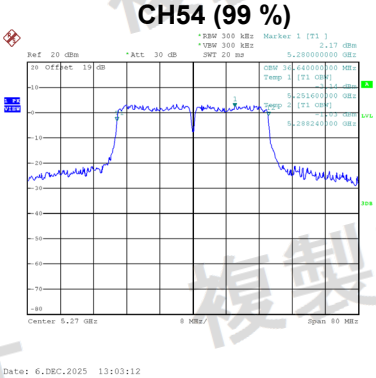
CH64 (99 %)



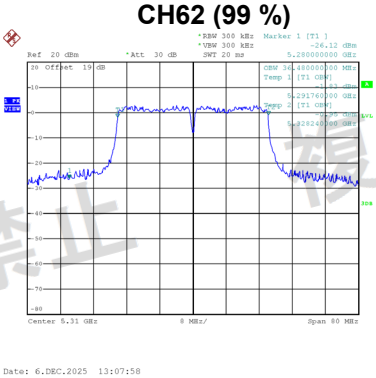
Test Mode:	IEEE 802.11ac(VHT40) - W53

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5270	5310	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	36.64	36.48	Limit ≤ 40 MHz

CH54 (99 %)



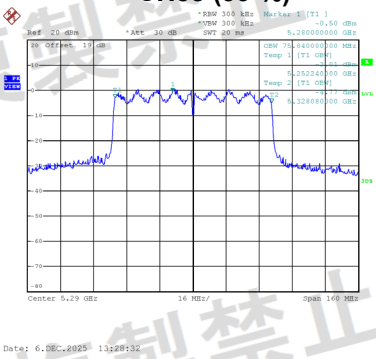
CH62 (99 %)



Test Mode:	IEEE 802.11ac(VHT80) - W53

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5290	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	75.84	Limit ≤ 80 MHz

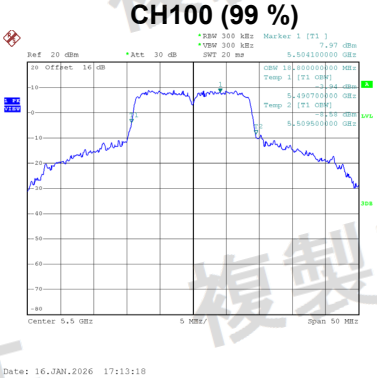
CH58 (99 %)



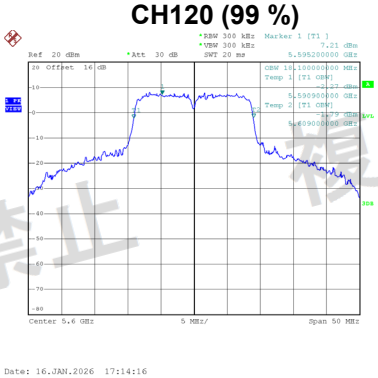
Test Mode:	IEEE 802.11a - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	18.80	18.10	18.20	Limit ≤ 20 MHz

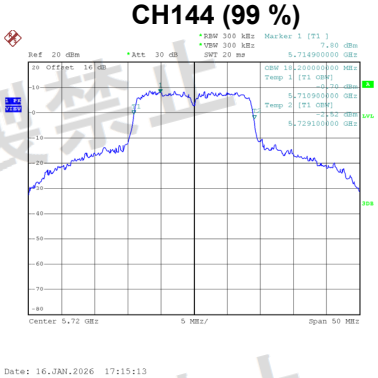
CH100 (99 %)



CH120 (99 %)



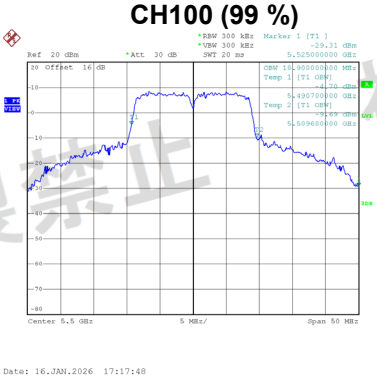
CH144 (99 %)



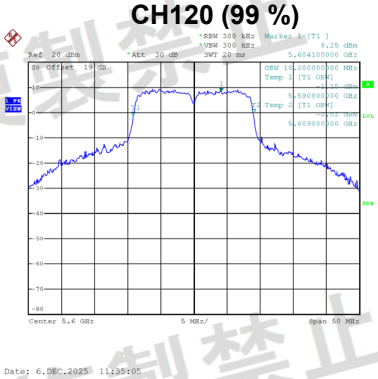
Test Mode:	IEEE 802.11ac(VHT20) - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	18.90	18.20	18.20	Limit ≤ 20 MHz

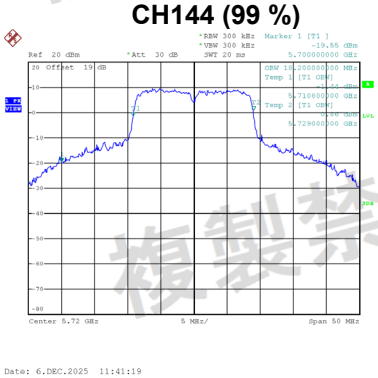
CH100 (99 %)



CH120 (99 %)



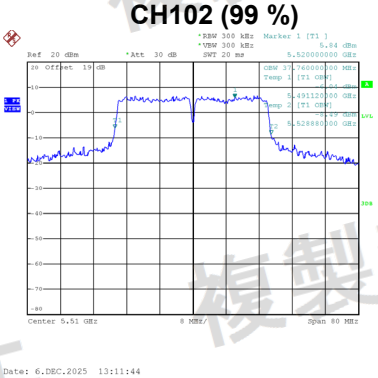
CH144 (99 %)



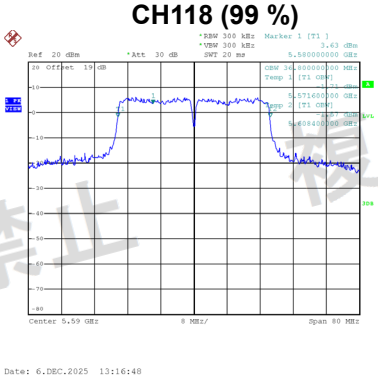
Test Mode:	IEEE 802.11ac(VHT40) - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5510	5590	5710	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	37.76	36.80	36.64	Limit ≤ 40 MHz

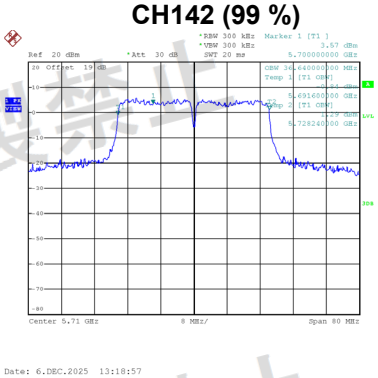
CH102 (99 %)



CH118 (99 %)



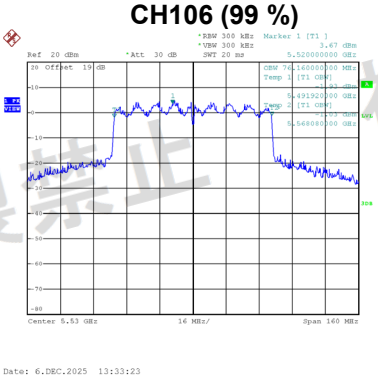
CH142 (99 %)



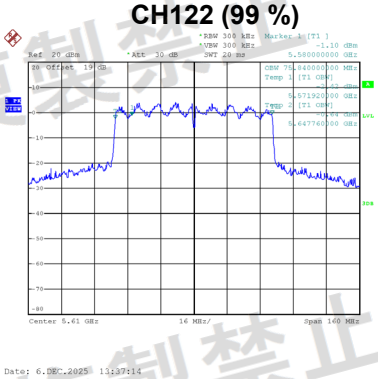
Test Mode:	IEEE 802.11ac(VHT80) - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5530	5610	5690	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	76.16	75.84	76.16	Limit ≤ 80 MHz

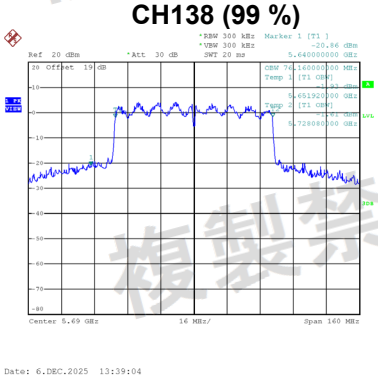
CH106 (99 %)



CH122 (99 %)



CH138 (99 %)



APPENDIX C - UNWANTED EMISSION INTENSITY

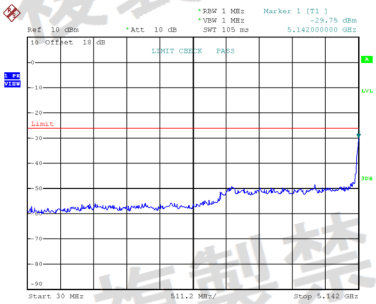
複製禁止

Test Mode:	IEEE 802.11a - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5142.00	5142.00	5142.00	30MHz ~ 5142MHz
	dBm/MHz	-29.75	-34.99	-47.00	Limit ≤ 2.5 μW/MHz
	μW/MHz	1.05925	0.31696	0.01995	(-26.02 dBm/MHz)
	MHz	5149.41	5146.94	5147.79	5142MHz ~ 5150MHz
	dBm/MHz	-33.96	-30.58	-41.55	Limit ≤ 15 μW/MHz
	μW/MHz	0.40179	0.87498	0.06998	(-18.24 dBm/MHz)
	MHz	5250.19	5250.19	5250.20	5250MHz ~ 5250.2MHz
	dBm/MHz	-39.26	-30.47	-10.44	Limit ≤ 2154.4 ~ 631.0 μW/MHz
	μW/MHz	0.11858	0.89743	90.36495	(3.33 ~ -2.0 dBm/MHz)
	MHz	5250.95	5250.97	5250.95	5250.2MHz ~ 5251MHz
	dBm/MHz	-39.61	-33.26	-17.98	Limit ≤ 631.0 ~ 100 μW/MHz
	μW/MHz	0.10940	0.47206	15.92209	(-2.0 ~ -10 dBm/MHz)
	MHz	5257.57	5253.45	5257.68	5251MHz ~ 5260MHz
	dBm/MHz	-37.75	-28.79	-23.62	Limit ≤ 100 ~ 15.8 μW/MHz
	μW/MHz	0.16788	1.32130	4.34510	(-10 ~ -18 dBm/MHz)
	MHz	5264.78	5265.23	5260.66	5260 MHz ~ 5266.7 MHz
	dBm/MHz	-42.57	-32.02	-28.77	Limit ≤ 15.8 ~ 2.5 μW/MHz
	μW/MHz	0.05534	0.62806	1.32739	(-18 ~ -26 dBm/MHz)
	MHz	10367.09	10408.56	10450.03	5266.7MHz ~ 26000MHz
	dBm/MHz	-28.80	-33.53	-39.60	Limit ≤ 2.5 μW/MHz
	μW/MHz	1.31826	0.44361	0.10965	(-26.02 dBm/MHz)

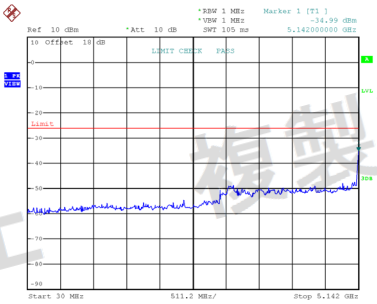
Note:
Explanation of Marker and ZeroSP test:
1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH36



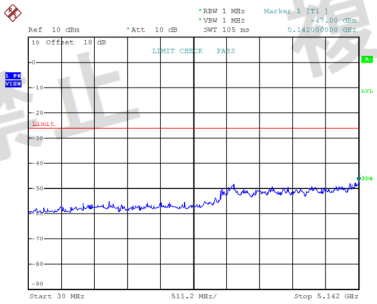
Date: 6.DEC.2025 09:21:57

CH40
30 MHz ≤ f ≤ 5142 MHz



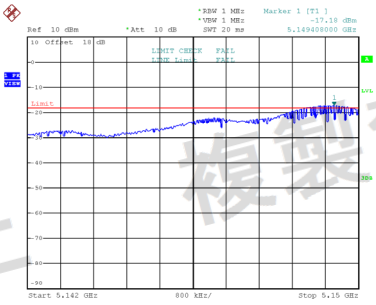
Date: 6.DEC.2025 09:31:34

CH48

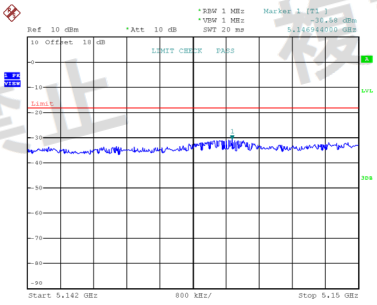


Date: 6.DEC.2025 09:35:01

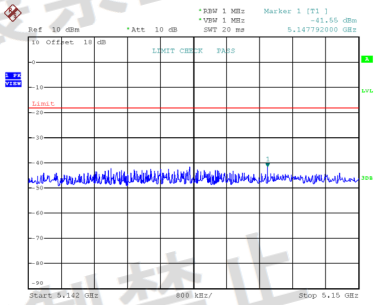
5142 MHz ≤ f ≤ 5150 MHz



Date: 6.DEC.2025 09:22:02

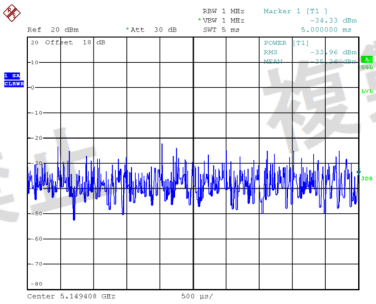


Date: 6.DEC.2025 09:31:39



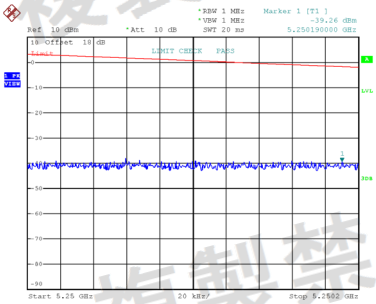
Date: 6.DEC.2025 09:35:05

ZeroSP



Date: 6.DEC.2025 09:22:06

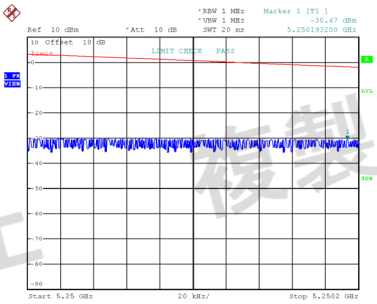
CH36



Date: 6.DEC.2025 09:22:11

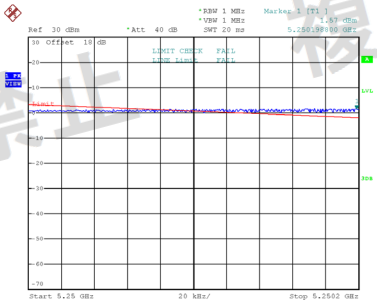
CH40

5250 MHz < f ≤ 5250.2 MHz



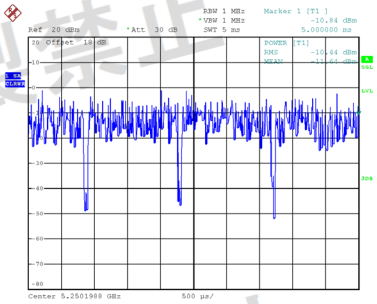
Date: 6.DEC.2025 09:31:43

CH48



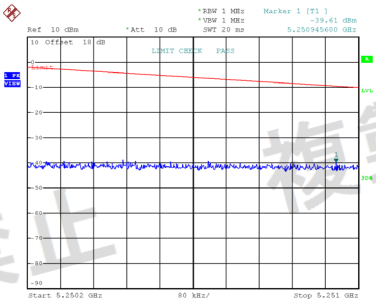
Date: 6.DEC.2025 09:35:10

ZeroSP

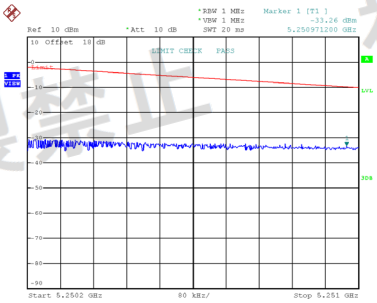


Date: 6.DEC.2025 09:35:14

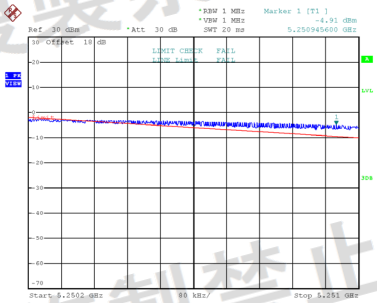
5250.2 MHz < f ≤ 5251 MHz



Date: 6.DEC.2025 09:22:16

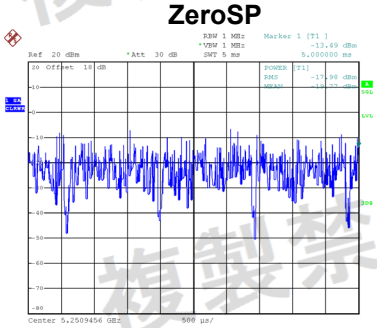


Date: 6.DEC.2025 09:31:48



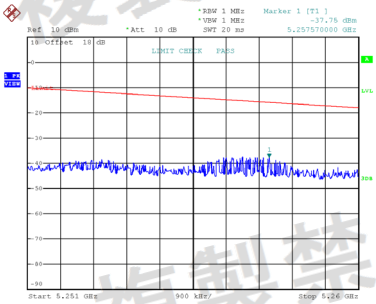
Date: 6.DEC.2025 09:37:16

ZeroSP



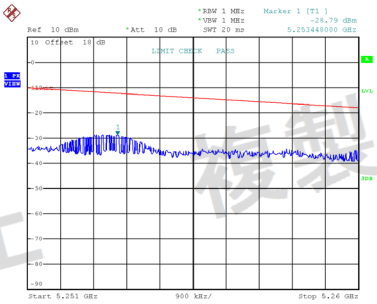
Date: 6.DEC.2025 09:37:20

CH36



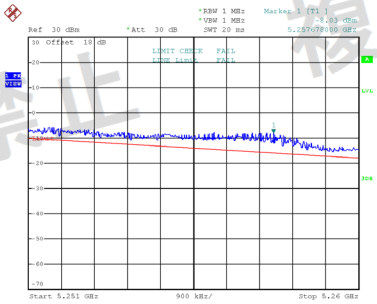
Date: 6.DEC.2025 09:22:22

CH40
5251 MHz ≤ f < 5260 MHz



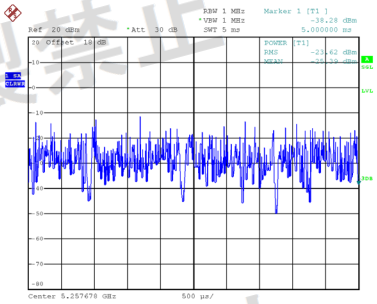
Date: 6.DEC.2025 09:31:53

CH48



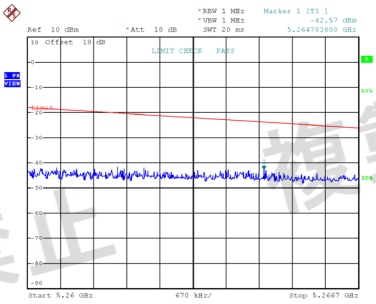
Date: 6.DEC.2025 09:37:25

ZeroSP

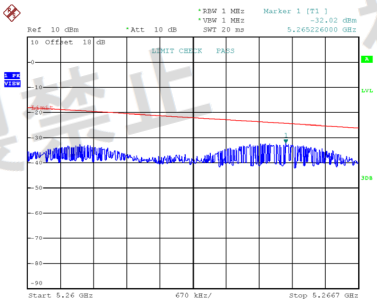


Date: 6.DEC.2025 09:37:29

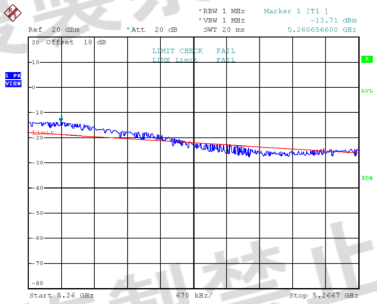
5260 MHz ≤ f < 5266.7 MHz



Date: 6.DEC.2025 09:22:27

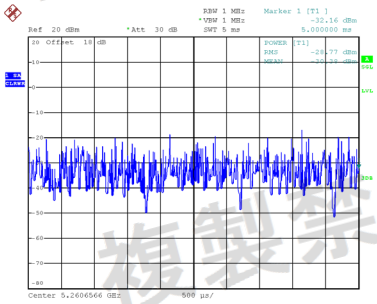


Date: 6.DEC.2025 09:31:57



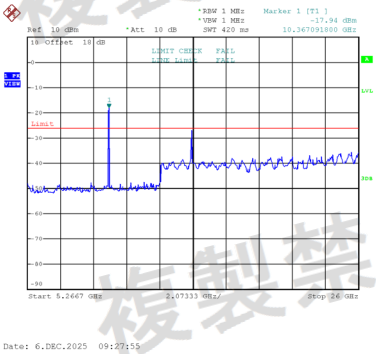
Date: 6.DEC.2025 09:37:35

ZeroSP



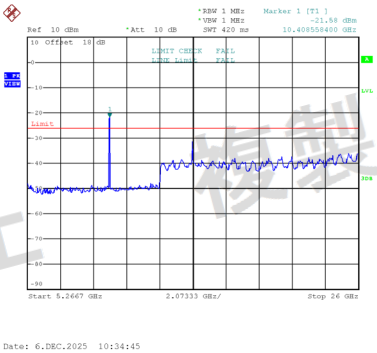
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CH36



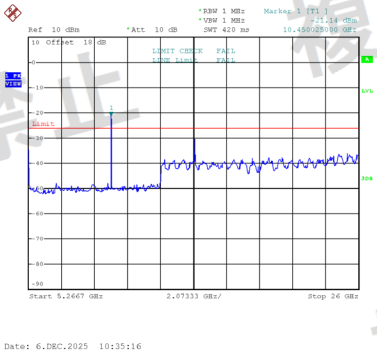
Date: 6.DEC.2025 09:27:55

CH40
5266.7 MHz < f ≤ 26000 MHz



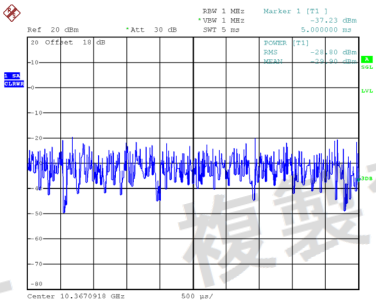
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CH48



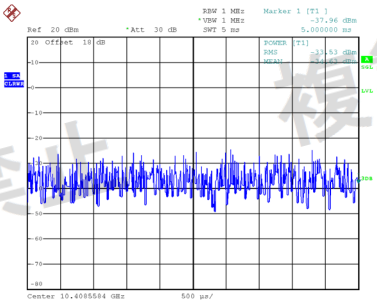
Date: 6.DEC.2025 10:35:16

ZeroSP



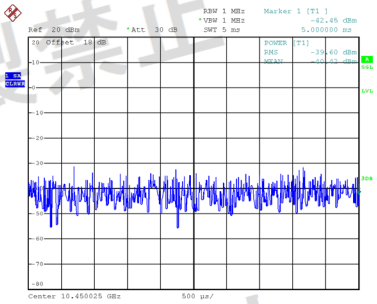
Date: 6.DEC.2025 09:28:00

ZeroSP



Date: 6.DEC.2025 10:34:49

ZeroSP



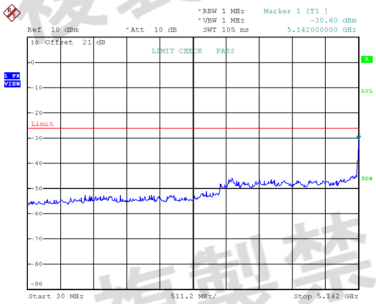
Date: 6.DEC.2025 10:35:20

Test Mode:	IEEE 802.11ac(VHT20) - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5142.00	5142.00	5080.66	30MHz ~ 5142MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)
	dBm/MHz	-30.60	-35.49	-44.85	
	μW/MHz	0.87096	0.28249	0.03273	
	MHz	5149.98	5149.38	5143.33	5142MHz ~ 5150MHz Limit ≤ 15 μW/MHz (-18.24 dBm/MHz)
	dBm/MHz	-24.22	-33.65	-43.59	
	μW/MHz	3.78443	0.43152	0.04375	
	MHz	5250.20	5250.19	5250.20	5250MHz ~ 5250.2MHz Limit ≤ 2154.4 ~ 631 μW/MHz (3.33 ~ -2 dBm/MHz)
	dBm/MHz	-42.72	-32.96	-10.95	
	μW/MHz	0.05346	0.50582	80.35261	
	MHz	5250.96	5250.97	5251.00	5250.2MHz ~ 5251MHz Limit ≤ 631 ~ 100 μW/MHz (-2 ~ -10 dBm/MHz)
	dBm/MHz	-42.28	-32.03	-15.66	
	μW/MHz	0.05916	0.62661	27.16439	
	MHz	5258.87	5257.79	5259.96	5251MHz ~ 5260MHz Limit ≤ 100 ~ 15.8 μW/MHz (-10 ~ -18 dBm/MHz)
	dBm/MHz	-41.78	-34.50	-23.02	
	μW/MHz	0.06637	0.35481	4.98884	
	MHz	5266.66	5266.18	5260.48	5260MHz ~ 5266.7MHz Limit ≤ 15.8 ~ 2.5 μW/MHz (-18 ~ -26 dBm/MHz)
	dBm/MHz	-43.32	-37.43	-23.93	
	μW/MHz	0.04656	0.18072	4.04576	
	MHz	10367.09	10367.09	10450.03	5266.7MHz ~ 26000MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)
	dBm/MHz	-29.96	-36.31	-42.24	
	μW/MHz	1.00925	0.23388	0.05970	

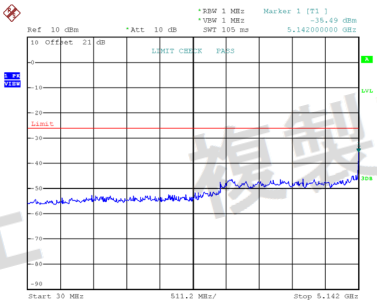
Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas
Explanation of Marker and ZeroSP test:
1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH36



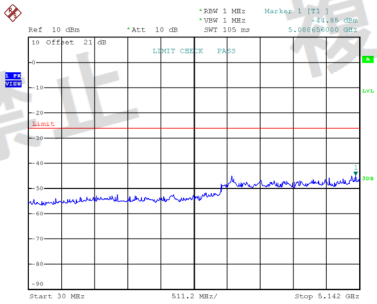
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CH40
30 MHz ≤ f ≤ 5142 MHz



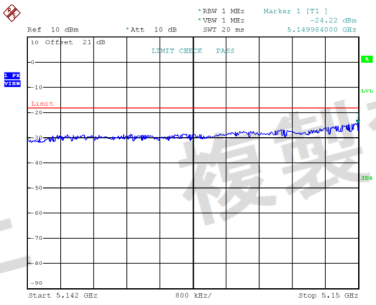
Date: 6.DEC.2025 10:47:29

CH48

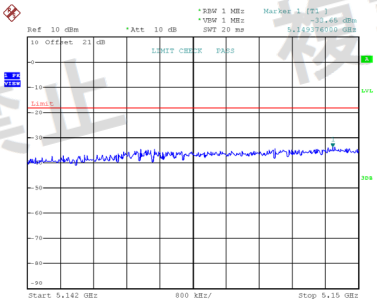


Date: 6.DEC.2025 10:51:46

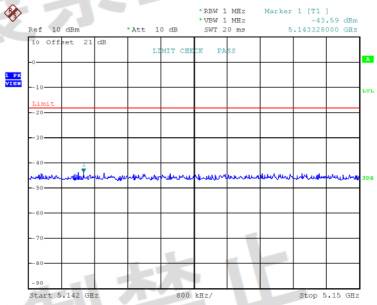
5142 MHz ≤ f ≤ 5150 MHz



Date: 6.DEC.2025 10:39:05

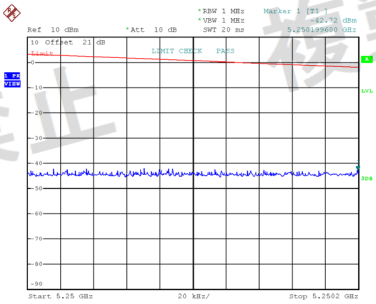


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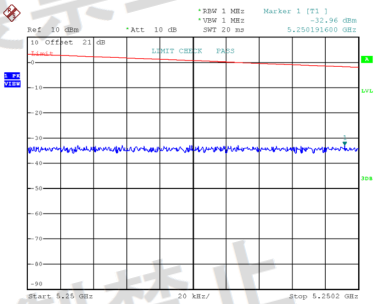


Date: 6.DEC.2025 10:51:51

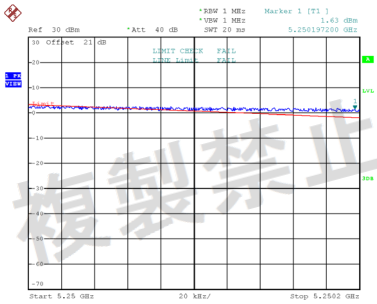
5250 MHz < f ≤ 5250.2 MHz



Date: 6.DEC.2025 10:39:09

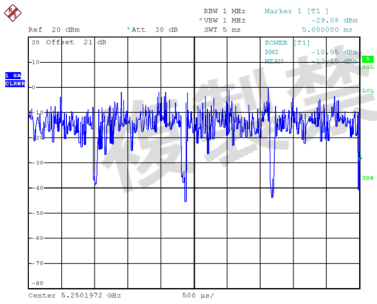


Date: 6.DEC.2025 10:47:38



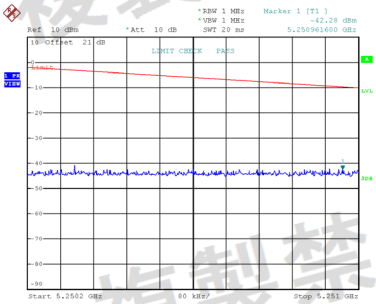
Date: 6.DEC.2025 10:51:56

ZeroSP



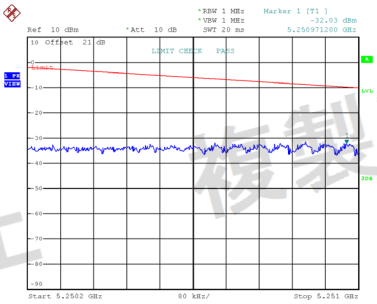
Date: 6.DEC.2025 10:52:00

CH36



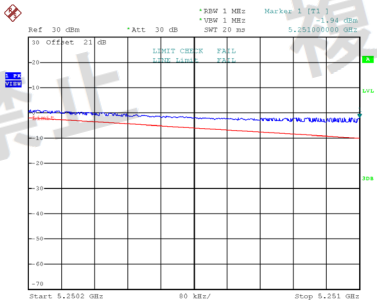
Date: 6.DEC.2025 10:39:14

CH40
5250.2 MHz < f ≤ 5251 MHz



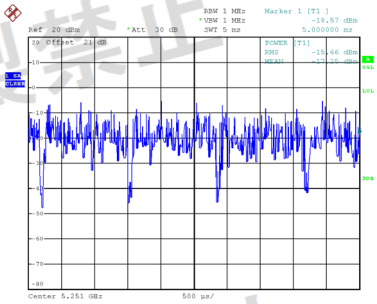
Date: 6.DEC.2025 10:47:43

CH48



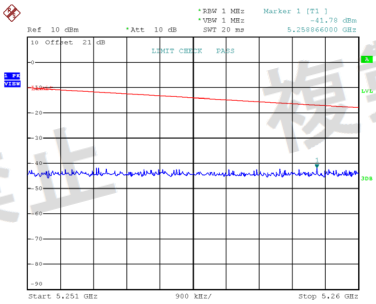
Date: 6.DEC.2025 10:52:05

ZeroSP

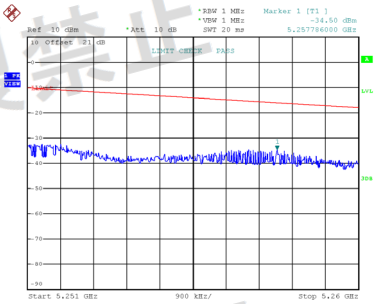


Date: 6.DEC.2025 10:52:09

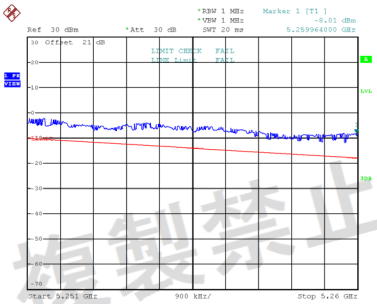
5251 MHz ≤ f < 5260 MHz



Date: 6.DEC.2025 10:39:19

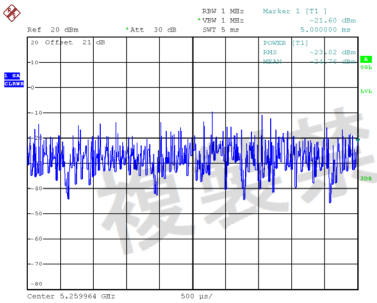


Date: 6.DEC.2025 10:47:48



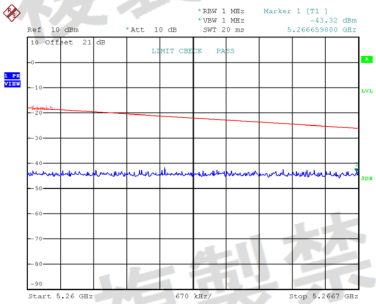
Date: 6.DEC.2025 10:52:14

ZeroSP



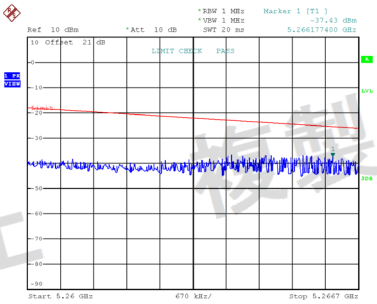
Date: 6.DEC.2025 10:52:18

CH36



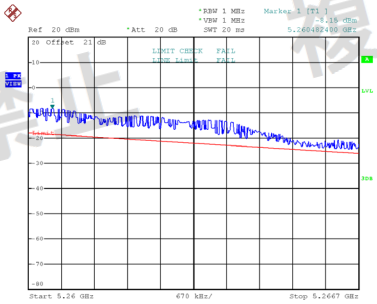
Date: 6.DEC.2025 10:39:24

CH40
5260 MHz ≤ f < 5266.7 MHz



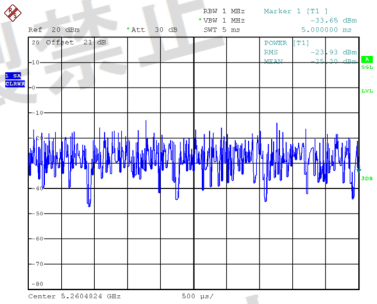
Date: 6.DEC.2025 10:47:53

CH48



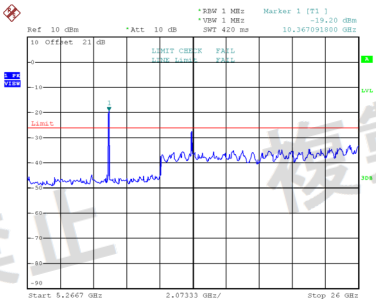
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ZeroSP

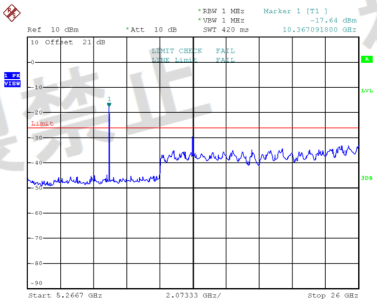


Date: 6.DEC.2025 10:52:28

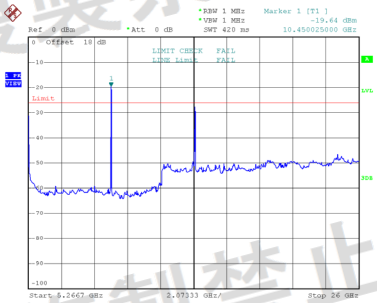
5266.7 MHz < f ≤ 26000 MHz



Date: 6.DEC.2025 10:42:25

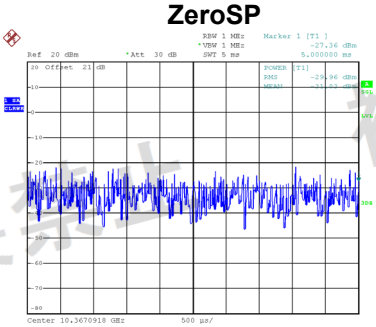


Date: 6.DEC.2025 10:49:41



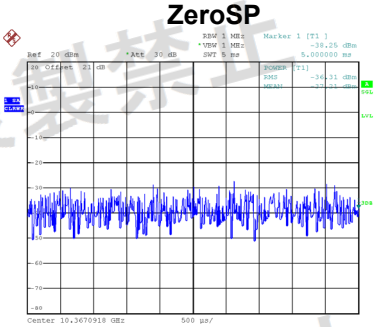
Date: 16.JAN.2026 17:31:16

ZeroSP



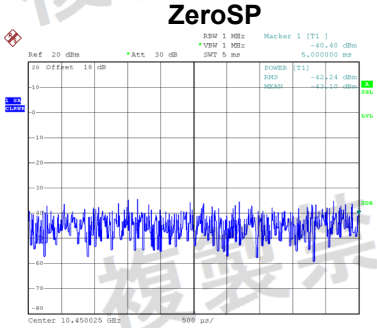
Date: 6.DEC.2025 10:42:29

ZeroSP



Date: 6.DEC.2025 10:49:45

ZeroSP



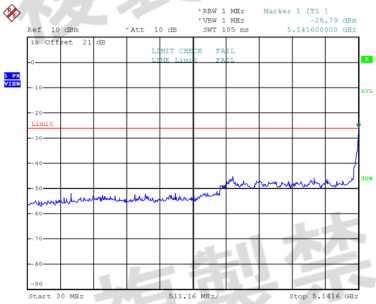
Date: 16.JAN.2026 17:31:22

Test Mode:	IEEE 802.11ac(VHT40) - W52

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5190	5230	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5141.60	5141.60	30MHz ~ 5141.6MHz
	dBm/MHz	-33.55	-36.70	Limit ≤ 2.5 μW/MHz
	μW/MHz	0.44157	0.21380	(-26.02 dBm/MHz)
	MHz	5149.19	5149.97	5141.6MHz ~ 5150MHz
	dBm/MHz	-27.52	-33.99	Limit ≤ 15 μW/MHz
	μW/MHz	1.77011	0.39902	(-18.24 dBm/MHz)
	MHz	5250.96	5251.00	5250MHz ~ 5251MHz
	dBm/MHz	-31.39	-21.60	Limit ≤ 500 ~ 50 μW/MHz
	μW/MHz	0.72611	6.91831	(-3 ~ -13 dBm/MHz)
	MHz	5268.18	5264.34	5251MHz ~ 5270MHz
	dBm/MHz	-34.56	-26.20	Limit ≤ 50 ~ 7.9 μW/MHz
	μW/MHz	0.34995	2.39883	(-13 ~ -21 dBm/MHz)
	MHz	5276.35	5274.38	5270MHz ~ 5278.4MHz
	dBm/MHz	-33.69	-30.27	Limit ≤ 7.9 ~ 2.5 μW/MHz
	μW/MHz	0.42756	0.93972	(-21 ~ -26 dBm/MHz)
	MHz	10375.91	10458.80	5278.4MHz ~ 26000MHz
	dBm/MHz	-29.41	-30.29	Limit ≤ 2.5 μW/MHz
	μW/MHz	1.14551	0.93541	(-26.02 dBm/MHz)

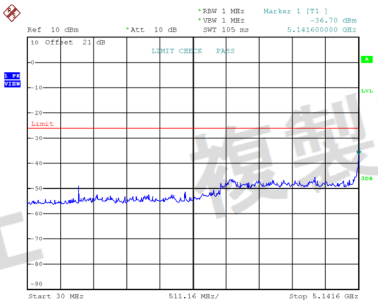
Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas
Explanation of Marker and ZeroSP test:
1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH38



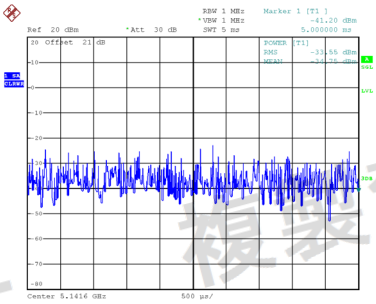
Date: 6.DEC.2025 11:44:53

CH46
30 MHz ≤ f ≤ 5141.6 MHz



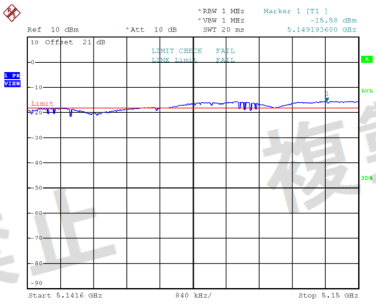
Date: 6.DEC.2025 11:53:17

ZeroSP

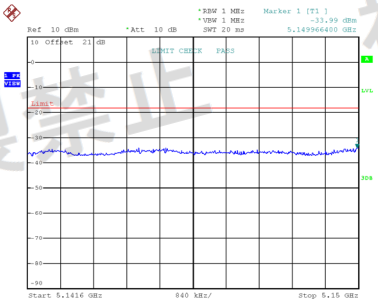


Date: 6.DEC.2025 11:44:57

5141.6 MHz ≤ f ≤ 5150 MHz

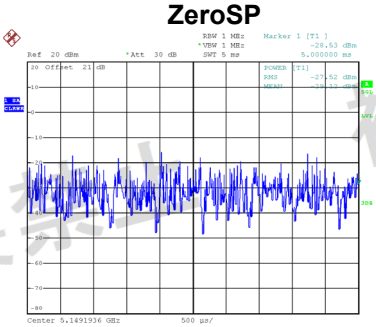


Date: 6.DEC.2025 11:45:03



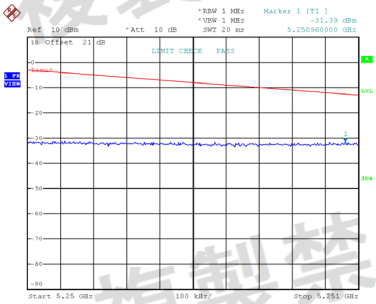
Date: 6.DEC.2025 11:53:22

ZeroSP



Date: 6.DEC.2025 11:45:08

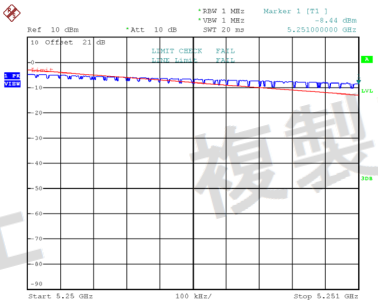
CH38



Date: 6.DEC.2025 11:45:14

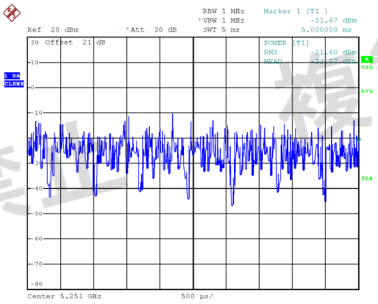
CH46

5250 MHz < f ≤ 5251 MHz



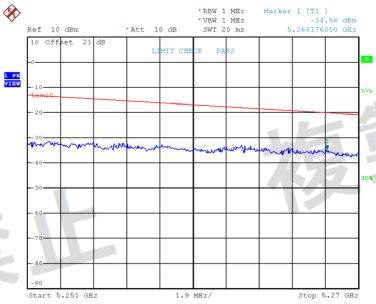
Date: 6.DEC.2025 11:53:27

ZeroSP

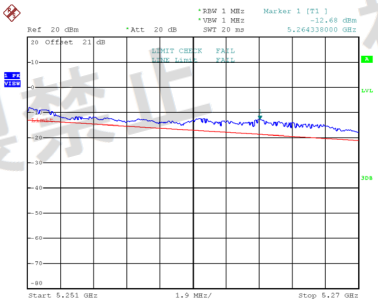


Date: 6.DEC.2025 11:53:32

5251 MHz ≤ f < 5270 MHz

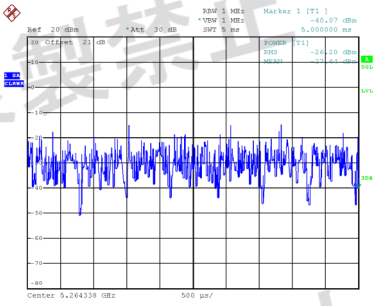


Date: 6.DEC.2025 11:45:20



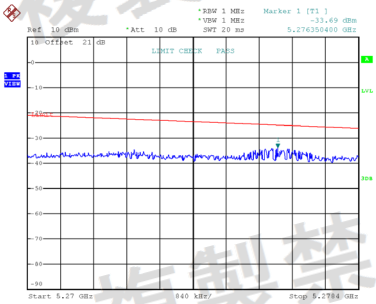
Date: 6.DEC.2025 11:53:38

ZeroSP



Date: 6.DEC.2025 11:53:43

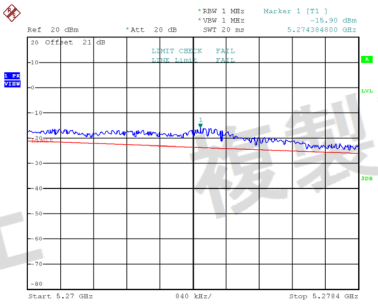
CH38



Date: 6.DEC.2025 11:45:26

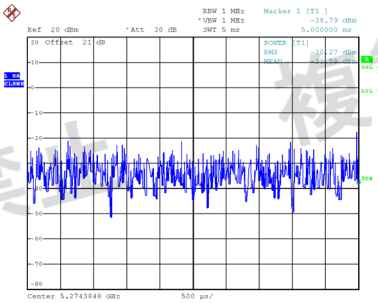
CH46

5270 MHz ≤ f < 5278.4 MHz



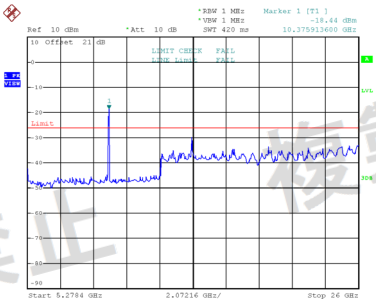
Date: 6.DEC.2025 11:53:49

ZeroSP

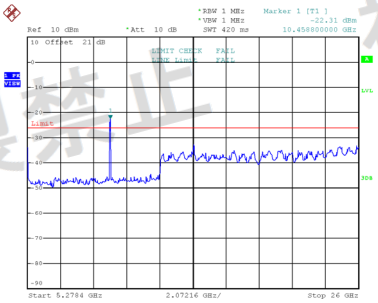


Date: 6.DEC.2025 11:53:53

5278.4 MHz < f ≤ 26000 MHz

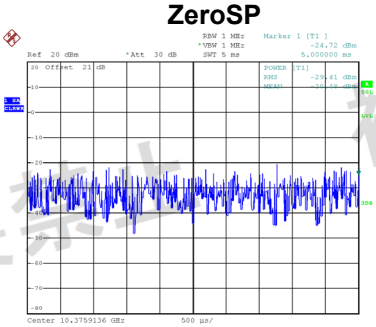


Date: 6.DEC.2025 11:48:20



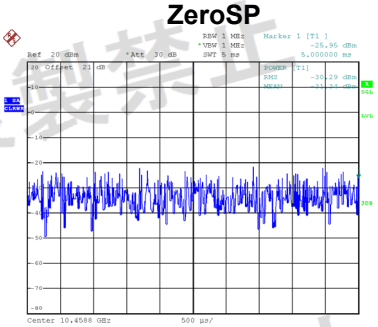
Date: 6.DEC.2025 13:02:19

ZeroSP



Date: 6.DEC.2025 11:48:25

ZeroSP



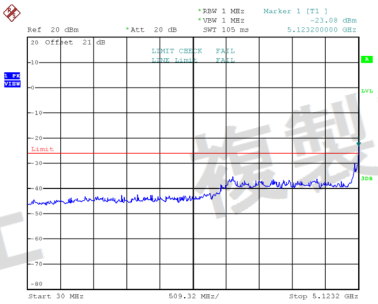
Date: 6.DEC.2025 13:02:23

Test Mode:	IEEE 802.11ac(VHT80) - W52

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5210	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5123.20	30MHz ~ 5123.2MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)
	dBm/MHz	-34.35	
	μW/MHz	0.36728	
	MHz	5143.03	5123.2MHz ~ 5150MHz Limit ≤ 15 μW/MHz (-18.24 dBm/MHz)
	dBm/MHz	-31.59	
	μW/MHz	0.69343	
	MHz	5251.00	5250MHz ~ 5251MHz Limit ≤ 250 ~ 25 μW/MHz (-6 ~ -16 dBm/MHz)
	dBm/MHz	-28.00	
	μW/MHz	1.58489	
	MHz	5280.33	5251MHz ~ 5290MHz Limit ≤ 25 ~ 4.0 μW/MHz (-16 ~ -24 dBm/MHz)
	dBm/MHz	-31.84	
	μW/MHz	0.65464	
	MHz	5295.78	5290MHz ~ 5296.7MHz Limit ≤ 4.0 ~ 2.5 μW/MHz (-24 ~ -26 dBm/MHz)
	dBm/MHz	-33.72	
	μW/MHz	0.42462	
	MHz	5296.70	5296.7MHz ~ 26000MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)
	dBm/MHz	-35.37	
	μW/MHz	0.29040	

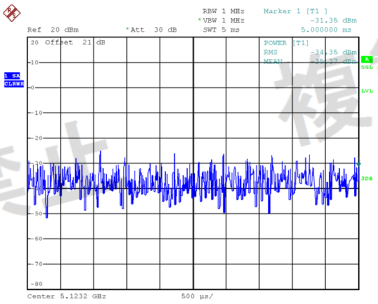
Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas
Explanation of Marker and ZeroSP test:
1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH42
30 MHz ≤ f ≤ 5123.2 MHz



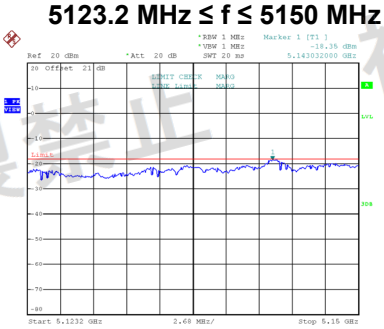
Date: 6.DEC.2025 13:23:18

ZeroSP



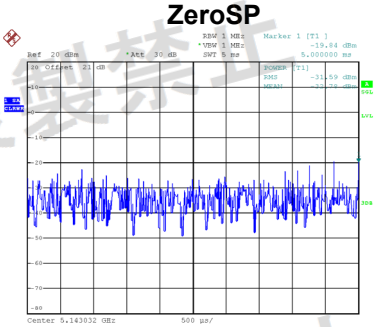
Date: 6.DEC.2025 13:23:22

5123.2 MHz ≤ f ≤ 5150 MHz



Date: 6.DEC.2025 13:23:28

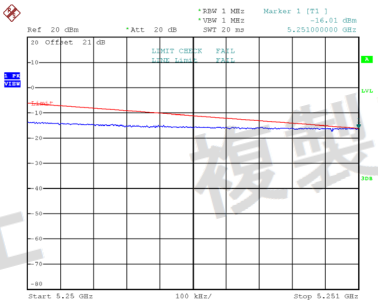
ZeroSP



Date: 6.DEC.2025 13:23:32

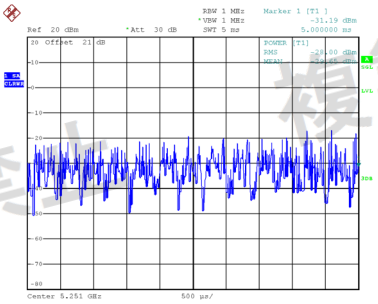
CH42

5250 MHz < f ≤ 5251 MHz



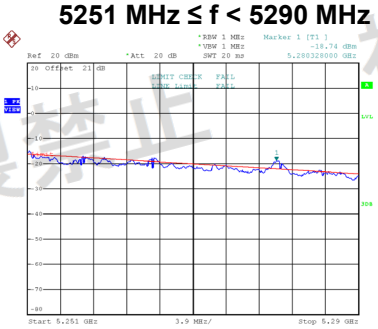
Date: 6.DEC.2025 13:23:39

ZeroSP



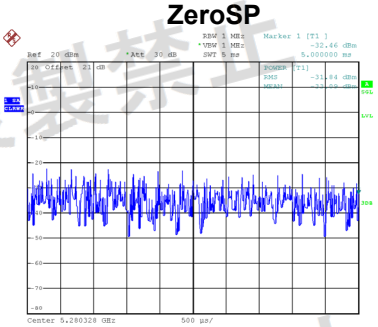
Date: 6.DEC.2025 13:23:43

5251 MHz ≤ f < 5290 MHz



Date: 6.DEC.2025 13:23:49

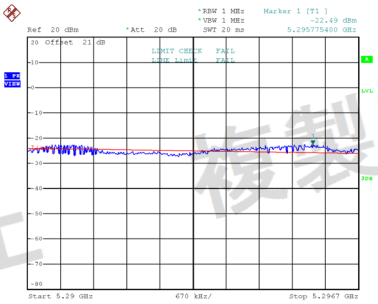
ZeroSP



Date: 6.DEC.2025 13:23:54

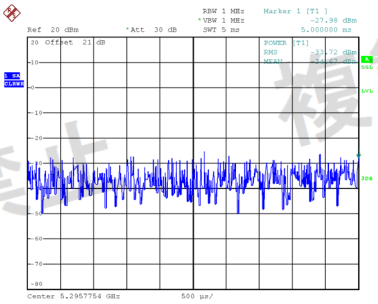
CH42

5290 MHz ≤ f < 5296.7 MHz



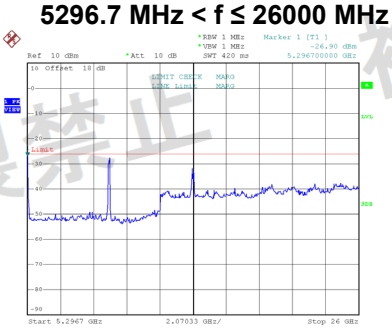
Date: 6.DEC.2025 13:24:00

ZeroSP



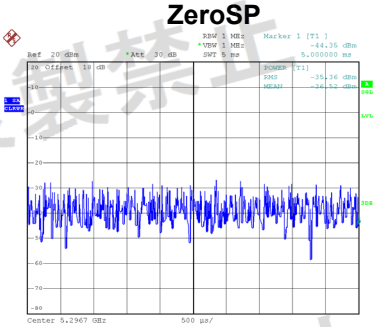
Date: 6.DEC.2025 13:24:04

5296.7 MHz < f ≤ 26000 MHz



Date: 16.JAN.2026 17:33:28

ZeroSP



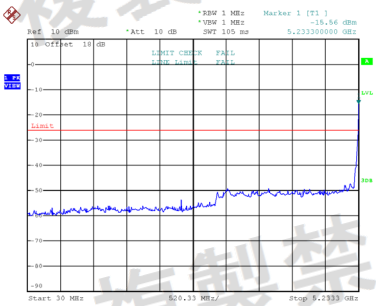
Date: 16.JAN.2026 17:33:33

Test Mode:	IEEE 802.11a - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5233.30	5233.30	5160.45	30MHz ~ 5233.3MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)
	dBm/MHz	-31.41	-39.92	-47.69	
	μW/MHz	0.72277	0.10186	0.01702	
	MHz	5239.45	5233.97	5233.64	5233.3MHz ~ 5240MHz Limit ≤ 2.5 ~ 15.8 μW/MHz (-26 ~ -18dBm/MHz)
	dBm/MHz	-20.51	-34.22	-41.52	
	μW/MHz	8.89201	0.37844	0.07047	
	MHz	5242.74	5241.93	5240.81	5240MHz ~ 5249MHz Limit ≤ 15.8 ~ 100 μW/MHz (-18 ~ -10 dBm/MHz)
	dBm/MHz	-23.18	-33.15	-40.13	
	μW/MHz	4.80839	0.48417	0.09705	
	MHz	5249.01	5249.01	5249.11	5249MHz ~ 5249.8MHz Limit ≤ 100.0 ~ 631.0 μW/MHz (-10 ~ -2 dBm/MHz)
	dBm/MHz	-18.42	-33.13	-36.77	
	μW/MHz	14.38799	0.48641	0.21038	
	MHz	5249.80	5249.80	5249.80	5249.8 MHz ~ 5250 MHz Limit ≤ 631 ~ 2154.4 μW/MHz (-2 ~ 3.33dBm/MHz)
	dBm/MHz	-10.33	-32.52	-38.23	
	μW/MHz	92.68298	0.55976	0.15031	
	MHz	10512.50	10595.10	10636.40	5350MHz ~ 26000MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)
	dBm/MHz	-29.12	-29.83	-30.71	
	μW/MHz	1.22462	1.03992	0.84918	

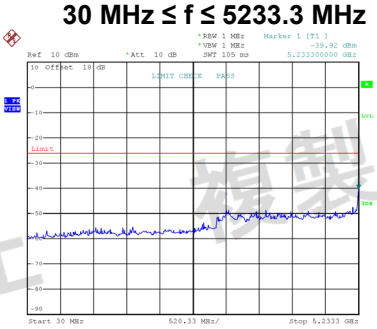
Note:
Explanation of Marker and ZeroSP test:
1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH52



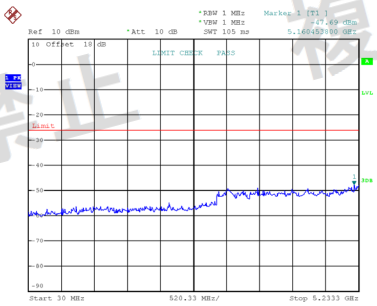
Date: 6.DEC.2025 09:40:13

CH60
30 MHz ≤ f ≤ 5233.3 MHz



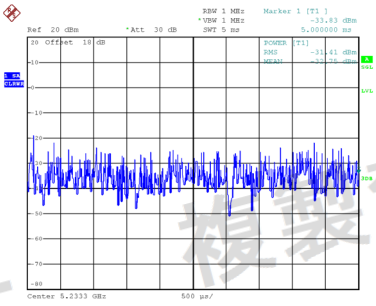
Date: 6.DEC.2025 09:50:37

CH64



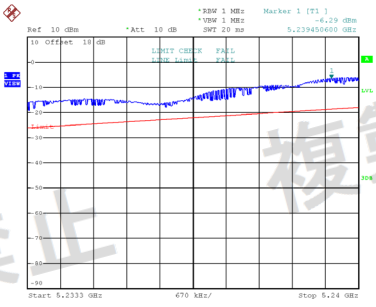
Date: 6.DEC.2025 09:56:37

ZeroSP

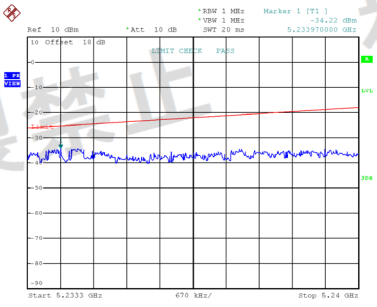


Date: 6.DEC.2025 09:40:17

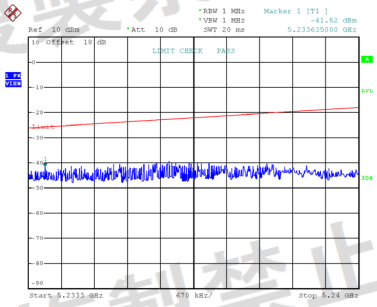
5233.3 MHz ≤ f ≤ 5240 MHz



Date: 6.DEC.2025 09:40:23

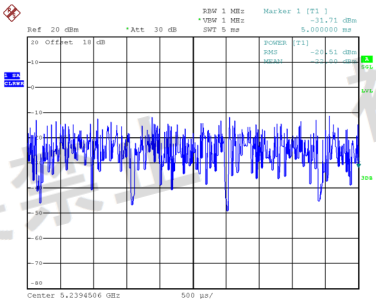


Date: 6.DEC.2025 09:50:42



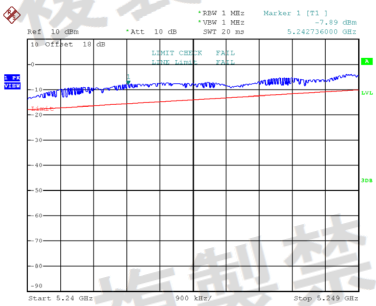
Date: 6.DEC.2025 09:56:42

ZeroSP



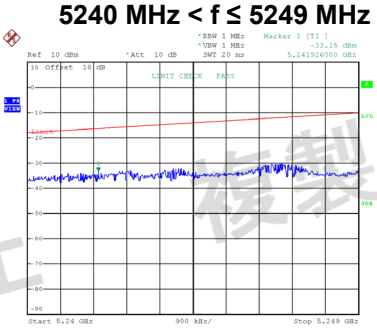
Date: 6.DEC.2025 09:40:27

CH52



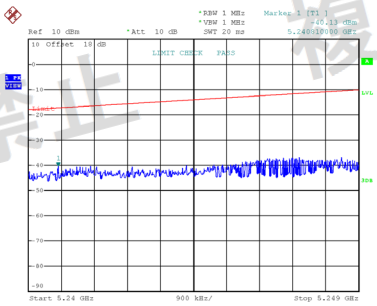
Date: 6.DEC.2025 09:43:48

CH60
5240 MHz < f ≤ 5249 MHz



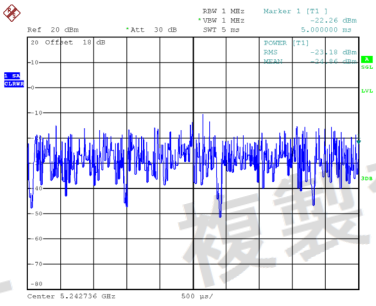
Date: 6.DEC.2025 09:50:47

CH64



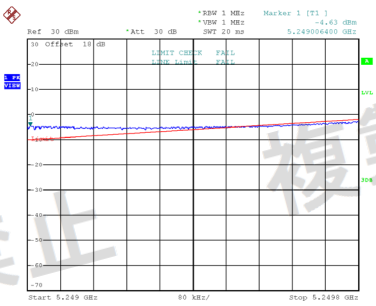
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ZeroSP

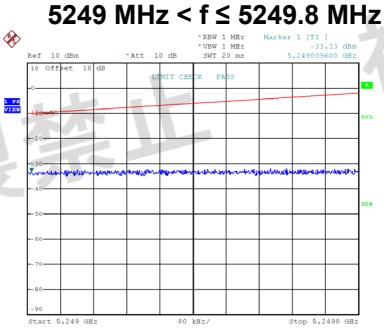


Date: 6.DEC.2025 09:43:52

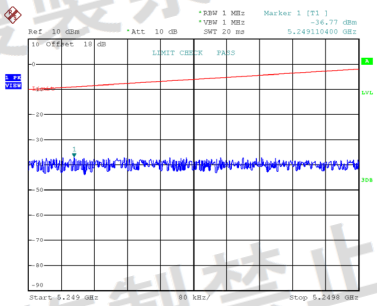
5249 MHz < f ≤ 5249.8 MHz



Date: 6.DEC.2025 09:43:57

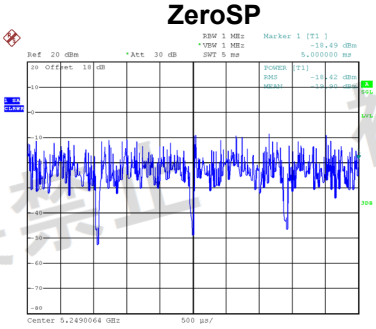


Date: 6.DEC.2025 09:50:52



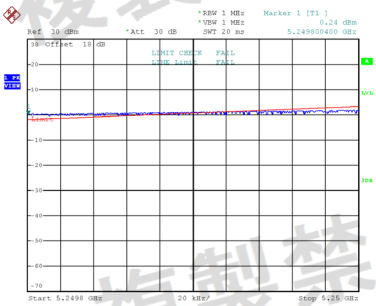
Date: 6.DEC.2025 09:56:51

ZeroSP



Date: 6.DEC.2025 09:44:01

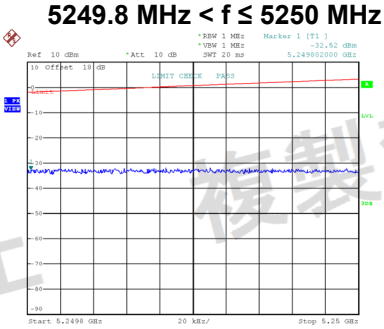
CH52



Date: 6.DEC.2025 09:40:51

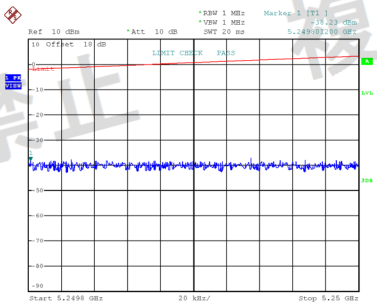
CH60

5249.8 MHz < f ≤ 5250 MHz



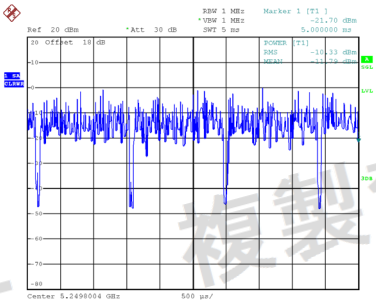
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CH64



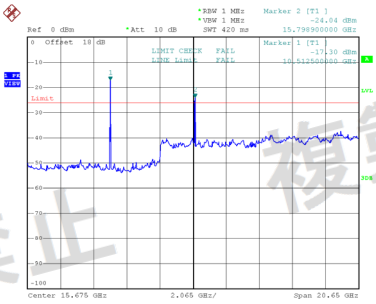
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ZeroSP

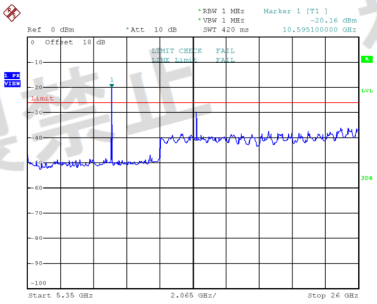


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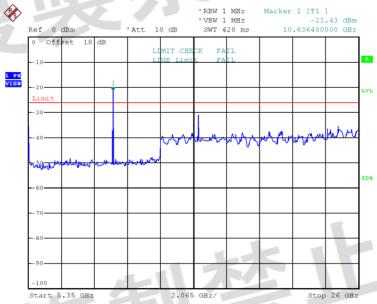
5350 MHz ≤ f < 26000 MHz



Date: 16.JAN.2026 17:25:55

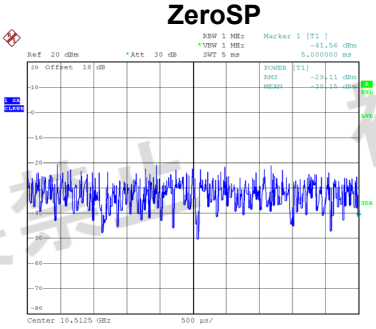


Date: 6.DEC.2025 09:53:54



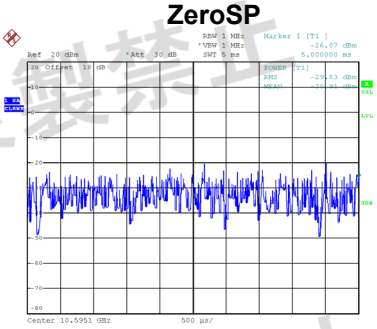
Date: 6.DEC.2025 09:59:58

ZeroSP



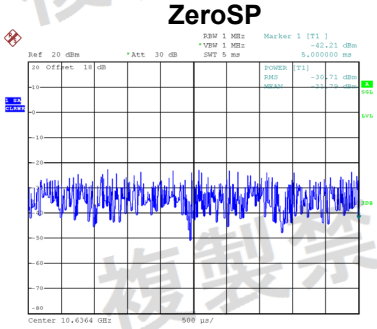
Date: 16.JAN.2026 17:27:57

ZeroSP



Date: 6.DEC.2025 09:50:58

ZeroSP



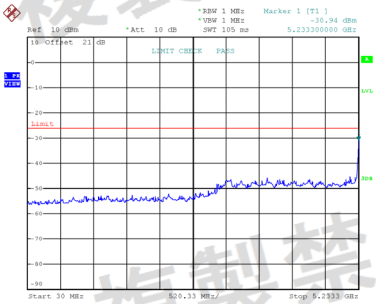
Date: 6.DEC.2025 10:00:02

Test Mode:	IEEE 802.11ac(VHT20) - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5233.30	3172.79	3172.79	30MHz ~ 5233.3MHz
	dBm/MHz	-30.94	-45.30	-45.12	Limit ≤ 2.5 μW/MHz
	μW/MHz	0.80538	0.02951	0.03076	(-26.02 dBm/MHz)
	MHz	5239.21	5234.12	5233.51	5233.3MHz ~ 5240MHz
	dBm/MHz	-28.93	-42.19	-44.56	Limit ≤ 2.5 ~ 15.8 μW/MHz
	μW/MHz	1.27938	0.06039	0.03499	(-26 ~ -18dBm/MHz)
	MHz	5244.75	5240.47	5241.24	5240MHz ~ 5249MHz
	dBm/MHz	-24.21	-37.13	-43.32	Limit ≤ 15.8 ~ 100 μW/MHz
	μW/MHz	3.79315	0.19364	0.04656	(-18 ~ -10 dBm/MHz)
	MHz	5249.01	5249.02	5249.16	5249MHz ~ 5249.8MHz
	dBm/MHz	-18.64	-34.94	-42.60	Limit ≤ 100.0 ~ 631.0 μW/MHz
	μW/MHz	13.67729	0.32063	0.05495	(-10 ~ -2 dBm/MHz)
	MHz	5249.80	5249.80	5249.81	5249.8 MHz ~ 5250 MHz
	dBm/MHz	-12.08	-37.06	-43.46	Limit ≤ 631 ~ 2154.4 μW/MHz
	μW/MHz	61.94411	0.19679	0.04508	(-2 ~ 3.33dBm/MHz)
	MHz	10512.50	10595.10	10636.40	5350MHz ~ 26000MHz
	dBm/MHz	-30.07	-28.61	-28.57	Limit ≤ 2.5 μW/MHz
	μW/MHz	0.98401	1.37721	1.38995	(-26.02 dBm/MHz)

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas
Explanation of Marker and ZeroSP test:
1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
2) The testing of ZeroSP is the worst, covering the entire frequency band.

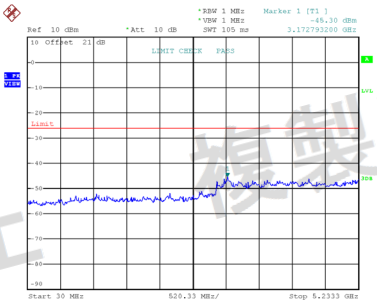
CH52



Date: 6.DEC.2025 11:10:43

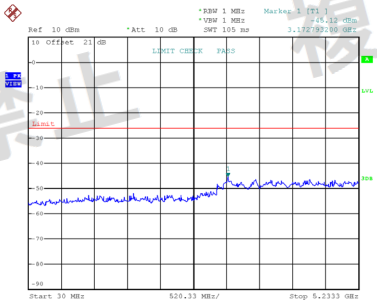
CH60

30 MHz ≤ f ≤ 5233.3 MHz



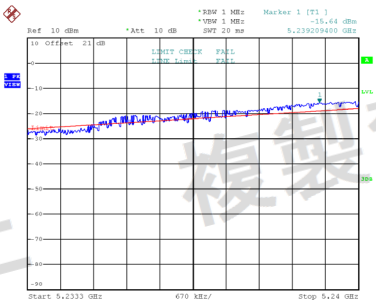
Date: 6.DEC.2025 11:16:28

CH64

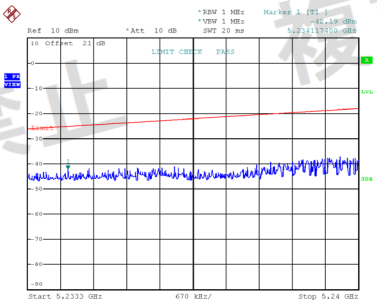


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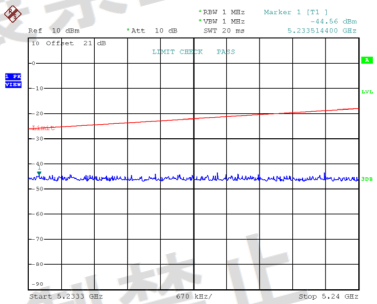
5233.3 MHz ≤ f ≤ 5240 MHz



Date: 6.DEC.2025 11:10:48

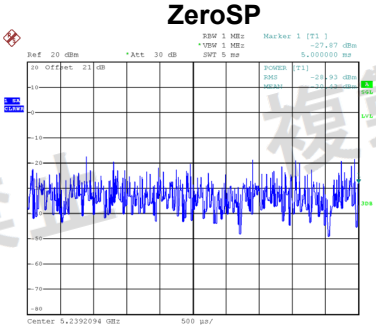


Date: 6.DEC.2025 11:16:33



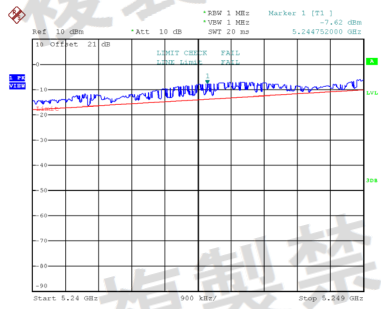
Date: 6.DEC.2025 11:24:13

ZeroSP



Date: 6.DEC.2025 11:10:52

CH52



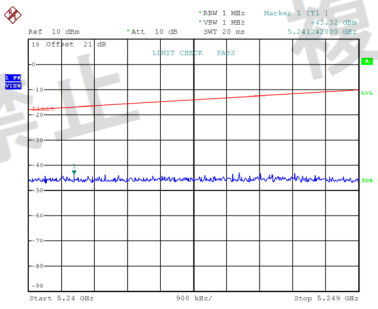
Date: 6.DEC.2025 11:10:57

CH60
5240 MHz < f ≤ 5249 MHz



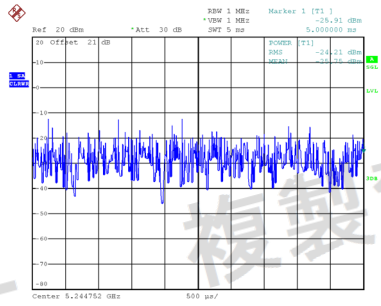
Date: 6.DEC.2025 11:16:37

CH64



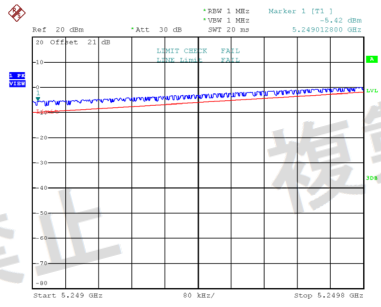
Date: 6.DEC.2025 11:24:19

ZeroSP

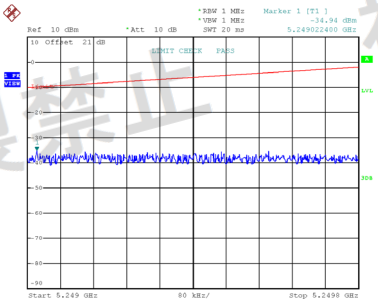


Date: 6.DEC.2025 11:11:01

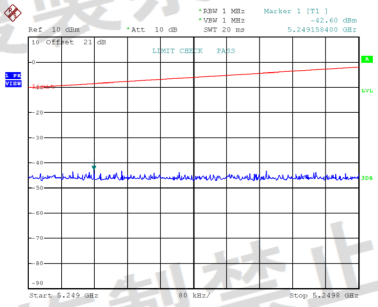
5249 MHz < f ≤ 5249.8 MHz



Date: 6.DEC.2025 11:11:07

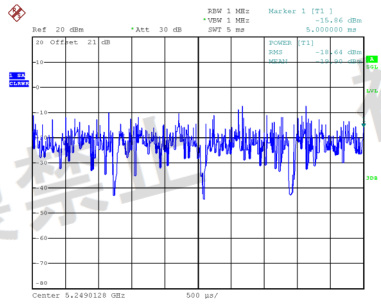


Date: 6.DEC.2025 11:16:42



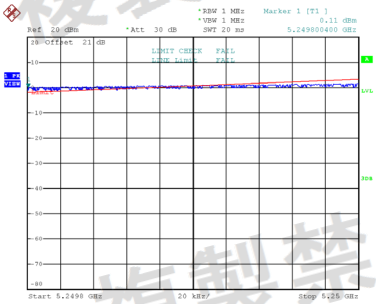
Date: 6.DEC.2025 11:24:25

ZeroSP



Date: 6.DEC.2025 11:11:11

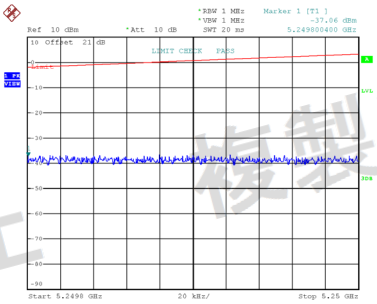
CH52



Date: 6.DEC.2025 11:11:16

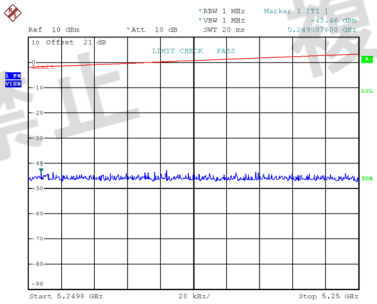
CH60

5249.8 MHz < f ≤ 5250 MHz



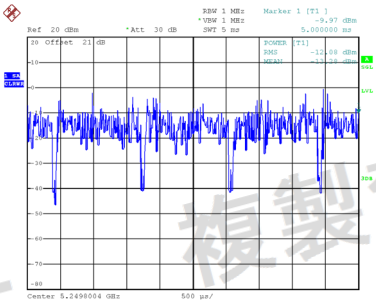
Date: 6.DEC.2025 11:16:47

CH64



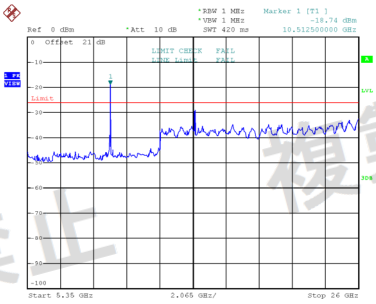
Date: 6.DEC.2025 11:24:30

ZeroSP

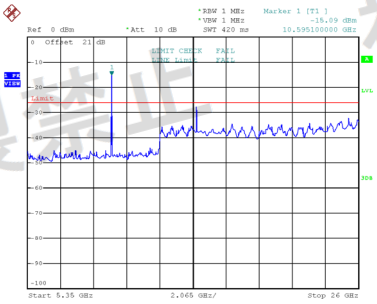


Date: 6.DEC.2025 11:11:20

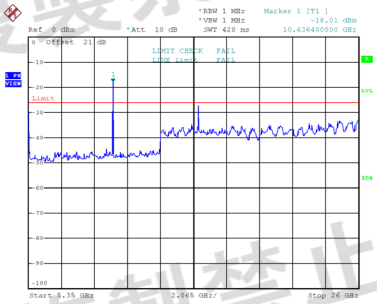
5350 MHz ≤ f < 26000 MHz



Date: 6.DEC.2025 11:14:27

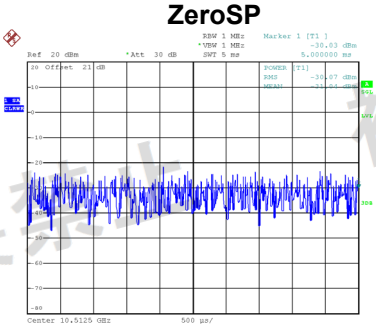


Date: 6.DEC.2025 11:19:53



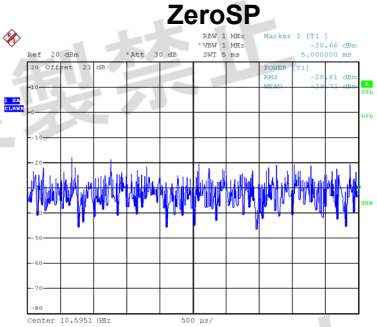
Date: 6.DEC.2025 11:26:08

ZeroSP



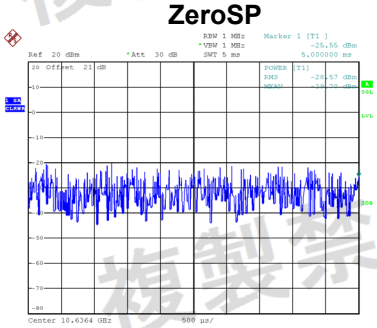
Date: 6.DEC.2025 11:14:31

ZeroSP



Date: 6.DEC.2025 11:19:57

ZeroSP



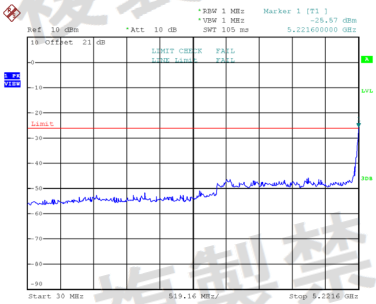
Date: 6.DEC.2025 11:26:12

Test Mode:	IEEE 802.11ac(VHT40) - W53

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5270	5310	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5221.60	5221.60	30MHz ~ 5221.6MHz
	dBm/MHz	-32.50	-37.51	Limit ≤ 2.5 μW/MHz
	μW/MHz	0.56234	0.17742	(-26.02 dBm/MHz)
	MHz	5226.09	5221.89	5221.6MHz ~ 5230MHz
	dBm/MHz	-29.87	-34.53	Limit ≤ 2.5 ~ 7.9 μW/MHz
	μW/MHz	1.03039	0.35237	(-26 ~ -21 dBm/MHz)
	MHz	5234.71	5230.15	5230MHz ~ 5249MHz
	dBm/MHz	-25.70	-33.08	Limit ≤ 7.9 ~ 50 μW/MHz
	μW/MHz	2.69153	0.49204	(-21 ~ -13 dBm/MHz)
	MHz	5249.00	5249.00	5249MHz ~ 5250MHz
	dBm/MHz	-20.72	-29.74	Limit ≤ 50 ~ 500 μW/MHz
	μW/MHz	8.47227	1.06170	(-13 ~ -3 dBm/MHz)
	MHz	5356.37	5354.62	5350MHz ~ 5358.4MHz
	dBm/MHz	-31.39	-30.12	Limit ≤ 15 μW/MHz
	μW/MHz	0.72611	0.97275	(-18.24 dBm/MHz)
	MHz	10518.80	10601.37	5358.4MHz ~ 26000MHz
	dBm/MHz	-32.32	-32.53	Limit ≤ 2.5 μW/MHz
	μW/MHz	0.58614	0.55847	(-26.02 dBm/MHz)

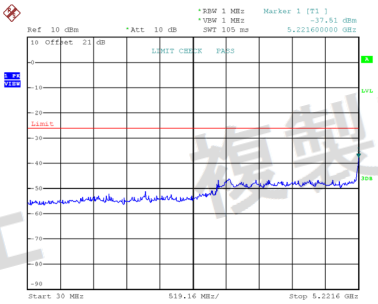
Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas
Explanation of Marker and ZeroSP test:
1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH54



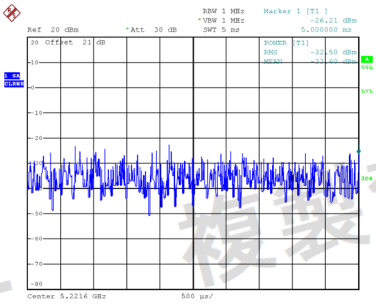
Date: 6.DEC.2025 13:03:22

CH62
30 MHz ≤ f ≤ 5221.6 MHz



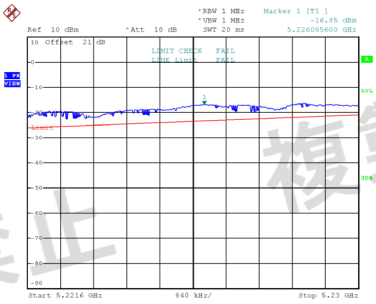
Date: 6.DEC.2025 13:08:08

ZeroSP

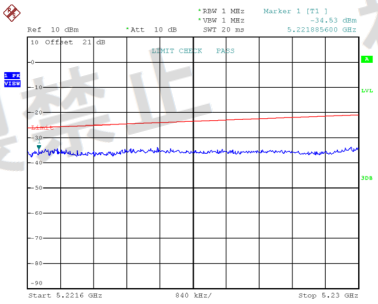


Date: 6.DEC.2025 13:03:26

5221.6 MHz ≤ f ≤ 5230 MHz

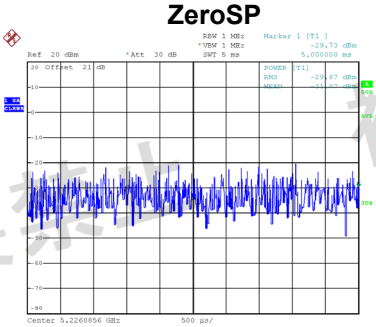


Date: 6.DEC.2025 13:03:33



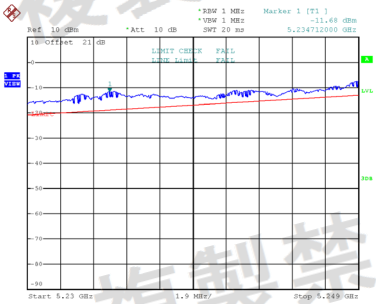
Date: 6.DEC.2025 13:08:13

ZeroSP



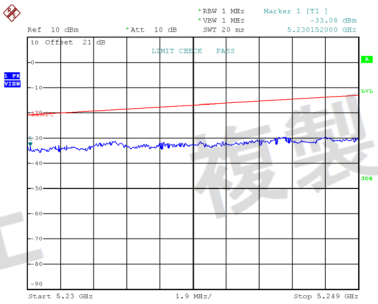
Date: 6.DEC.2025 13:03:37

CH54



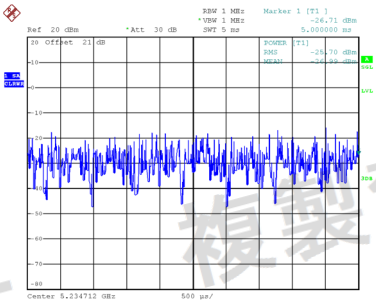
Date: 6.DEC.2025 13:03:44

CH62
5230 MHz < f ≤ 5249 MHz



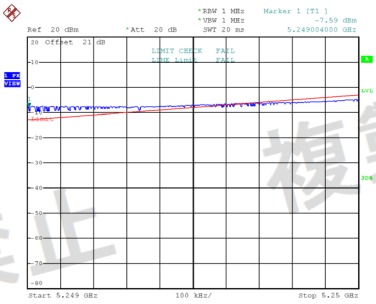
Date: 6.DEC.2025 13:08:19

ZeroSP

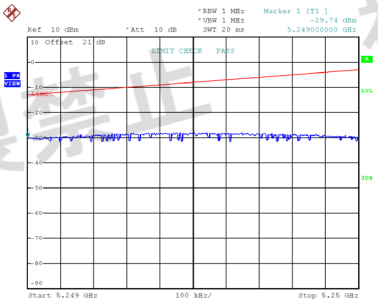


Date: 6.DEC.2025 13:03:48

5249 MHz ≤ f < 5250 MHz

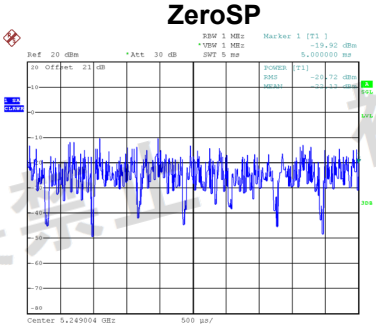


Date: 6.DEC.2025 13:03:55



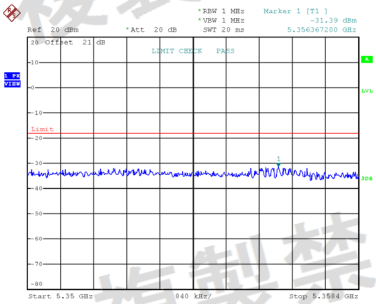
Date: 6.DEC.2025 13:08:25

ZeroSP



Date: 6.DEC.2025 13:03:59

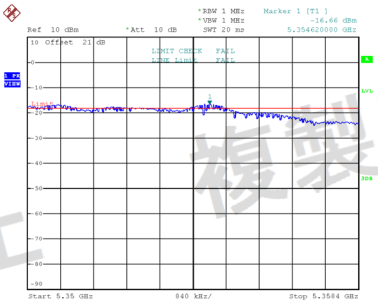
CH54



Date: 6.DEC.2025 13:04:05

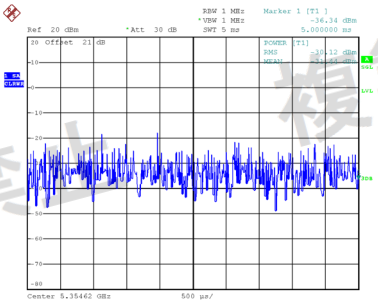
CH62

5350 MHz ≤ f < 5358.4 MHz



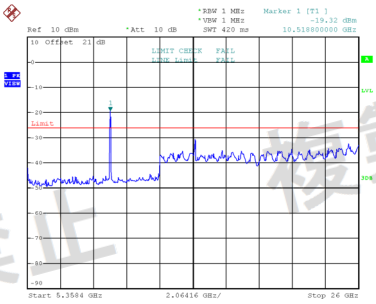
Date: 6.DEC.2025 13:08:30

ZeroSP

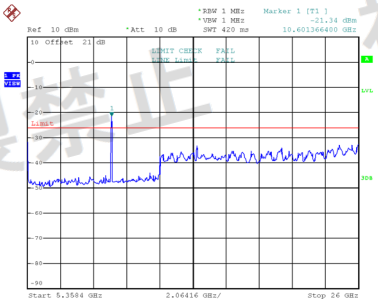


Date: 6.DEC.2025 13:08:34

5358.4 MHz < f ≤ 26000 MHz

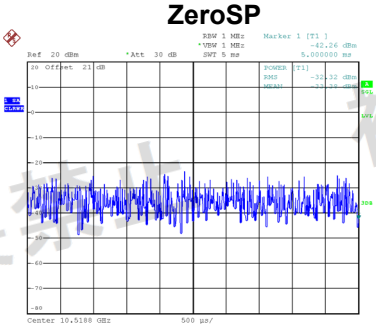


Date: 6.DEC.2025 13:06:33



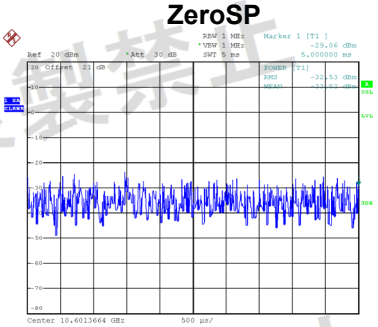
Date: 6.DEC.2025 13:10:49

ZeroSP



Date: 6.DEC.2025 13:06:38

ZeroSP



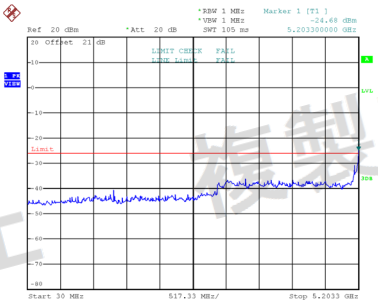
Date: 6.DEC.2025 13:10:53

Test Mode:	IEEE 802.11ac(VHT80) - W53

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5290	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5203.30	30MHz ~ 5203.3MHz
	dBm/MHz	-33.41	Limit ≤ 2.5 μW/MHz
	μW/MHz	0.45604	(-26.02 dBm/MHz)
	MHz	5204.10	5203.3MHz ~ 5210MHz
	dBm/MHz	-32.96	Limit ≤ 2.5 ~ 4 μW/MHz
	μW/MHz	0.50582	(-26 ~ -24 dBm/MHz)
	MHz	5223.34	5210MHz ~ 5249MHz
	dBm/MHz	-32.28	Limit ≤ 4 ~ 25 μW/MHz
	μW/MHz	0.59156	(-24 ~ -16 dBm/MHz)
	MHz	5249.00	5249MHz ~ 5250MHz
	dBm/MHz	-26.88	Limit ≤ 25 ~ 250 μW/MHz
	μW/MHz	2.05116	(-16 ~ -6 dBm/MHz)
	MHz	5360.40	5350MHz ~ 5376.8MHz
	dBm/MHz	-32.41	Limit ≤ 15 μW/MHz
	μW/MHz	0.57412	(-18.24 dBm/MHz)
	MHz	5376.80	5376.8MHz ~ 26000MHz
	dBm/MHz	-35.91	Limit ≤ 2.5 μW/MHz
	μW/MHz	0.25645	(-26.02 dBm/MHz)

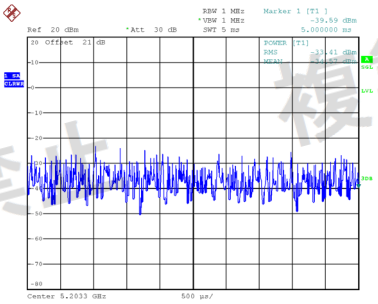
Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas
Explanation of Marker and ZeroSP test:
1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH58
30 MHz ≤ f ≤ 5203.3 MHz



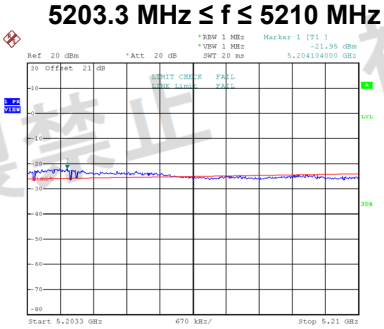
Date: 6.DEC.2025 13:28:42

ZeroSP



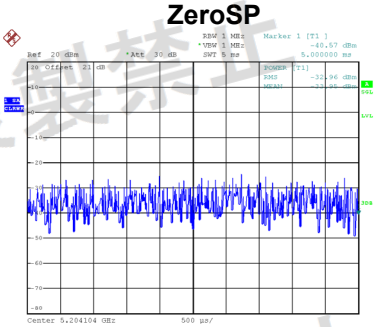
Date: 6.DEC.2025 13:28:46

5203.3 MHz ≤ f ≤ 5210 MHz



Date: 6.DEC.2025 13:28:52

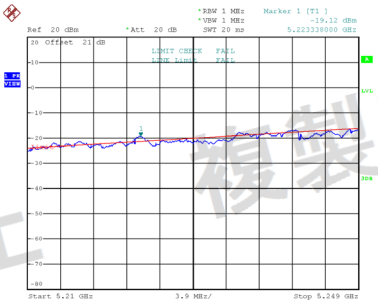
ZeroSP



Date: 6.DEC.2025 13:28:57

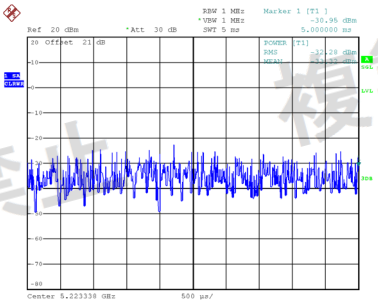
CH58

5210 MHz < f ≤ 5249 MHz



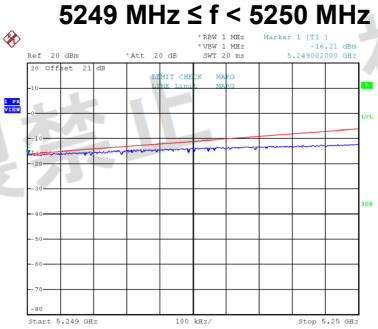
Date: 6.DEC.2025 13:29:03

ZeroSP



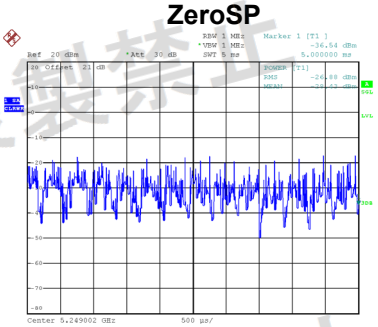
Date: 6.DEC.2025 13:29:07

5249 MHz ≤ f < 5250 MHz



Date: 6.DEC.2025 13:29:14

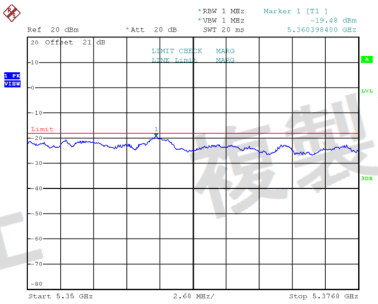
ZeroSP



Date: 6.DEC.2025 13:29:18

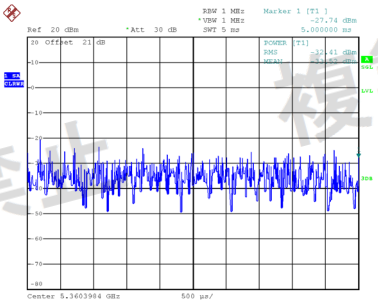
CH58

5350 MHz ≤ f < 5376.8 MHz



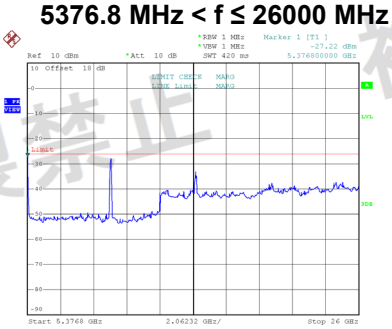
Date: 6.DEC.2025 13:29:24

ZeroSP



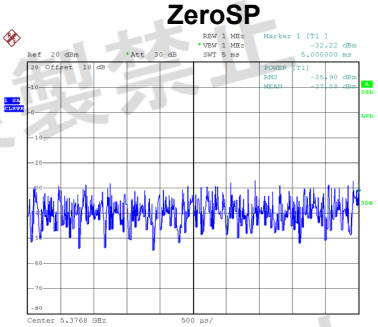
Date: 6.DEC.2025 13:29:28

5376.8 MHz < f ≤ 26000 MHz



Date: 16.JAN.2026 17:34:52

ZeroSP



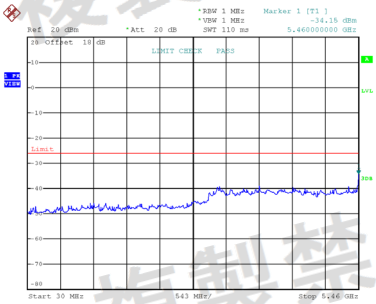
Date: 16.JAN.2026 17:34:57

Test Mode:	IEEE 802.11a - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5720	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5460.00	3201.12	3168.54	30MHz ~ 5460MHz
	dBm/MHz	-34.15	-39.36	-39.10	Limit ≤ 2.5 μW/MHz
	μW/MHz	0.38459	0.11588	0.12303	(-26.02 dBm/MHz)
	MHz	5469.44	5468.62	5467.58	5460MHz ~ 5470MHz
	dBm/MHz	-36.13	-38.70	-38.81	Limit ≤ 12.5 μW/MHz
	μW/MHz	0.24378	0.13490	0.13152	(-19.03 dBm/MHz)
	MHz	5761.52	5758.36	5745.04	5745MHz ~ 5765MHz
	dBm/MHz	-39.48	-39.95	-28.17	Limit ≤ 12.5 μW/MHz
	μW/MHz	0.11272	0.10116	1.52405	(-19.03 dBm/MHz)
	MHz	10985.63	11187.98	11430.80	5765MHz ~ 26000MHz
	dBm/MHz	-29.77	-32.63	-33.00	Limit ≤ 2.5 μW/MHz
	μW/MHz	1.05439	0.54576	0.50119	(-26.02 dBm/MHz)

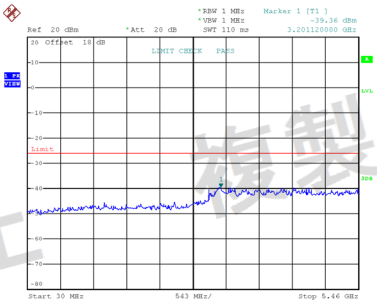
Note:
Explanation of Marker and ZeroSP test:
1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH100



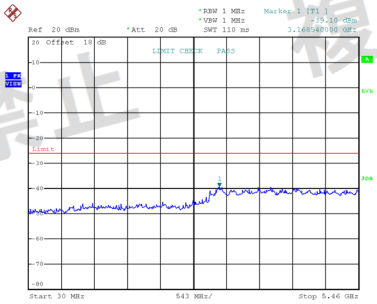
Date: 6.DEC.2025 10:04:33

CH120
30 MHz ≤ f ≤ 5460 MHz



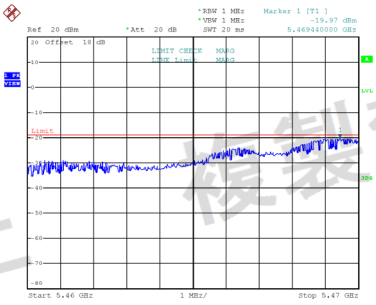
Date: 6.DEC.2025 10:15:42

CH144

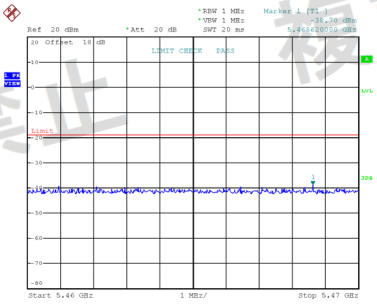


Date: 6.DEC.2025 10:26:00

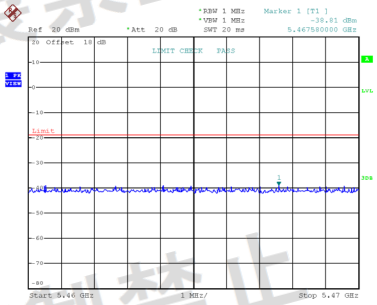
5460 MHz ≤ f ≤ 5470 MHz



Date: 6.DEC.2025 10:04:38

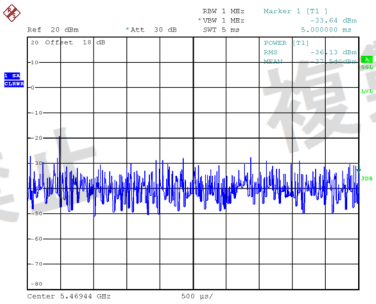


Date: 6.DEC.2025 10:15:46



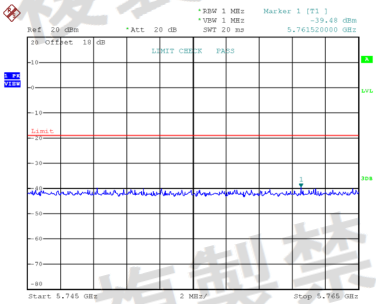
Date: 6.DEC.2025 10:26:04

ZeroSP



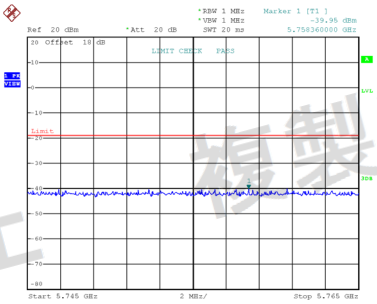
Date: 6.DEC.2025 10:04:42

CH100



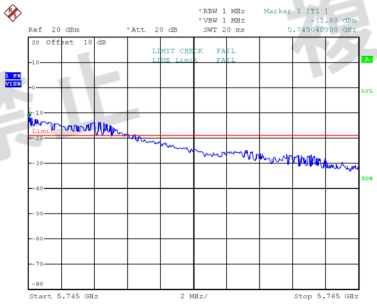
Date: 6.DEC.2025 10:04:47

CH120
5745 MHz ≤ f ≤ 5765 MHz



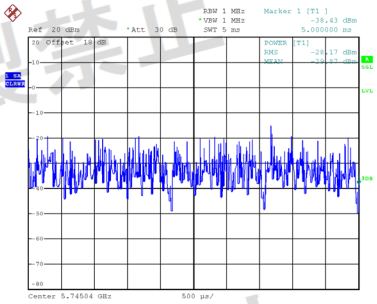
Date: 6.DEC.2025 10:15:51

CH144



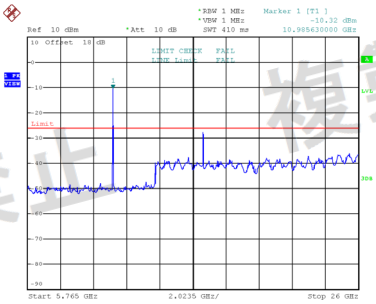
Date: 6.DEC.2025 10:26:09

ZeroSP

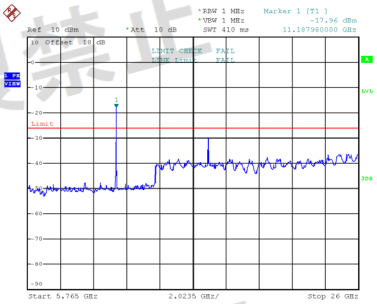


Date: 6.DEC.2025 10:26:13

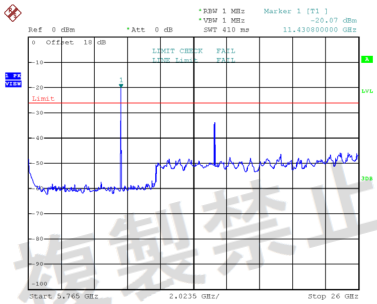
5765 MHz ≤ f < 26000 MHz



Date: 6.DEC.2025 10:04:56

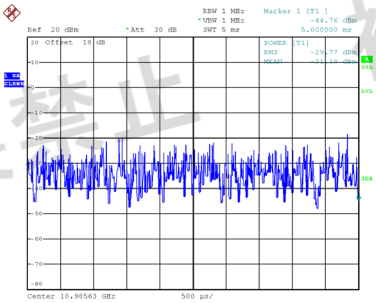


Date: 6.DEC.2025 10:32:05



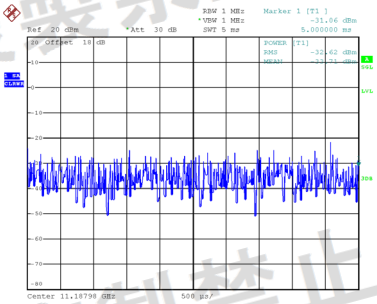
Date: 6.DEC.2025 10:30:48

ZeroSP



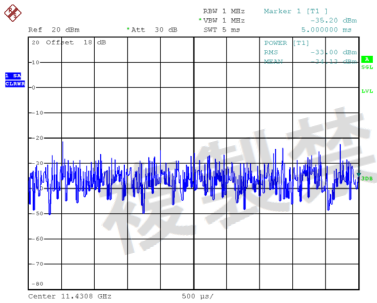
Date: 6.DEC.2025 10:05:00

ZeroSP



Date: 6.DEC.2025 10:32:09

ZeroSP



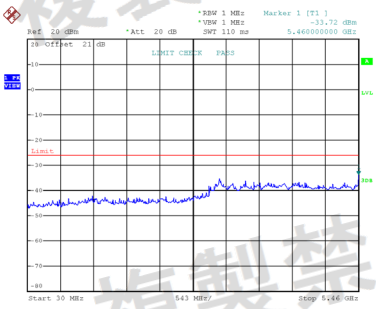
Date: 6.DEC.2025 10:30:52

Test Mode:	IEEE 802.11ac(VHT20) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5720	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5460.00	3201.12	4254.54	30MHz ~ 5460MHz
	dBm/MHz	-33.72	-35.95	-35.74	Limit ≤ 2.5 μW/MHz
	μW/MHz	0.42462	0.25410	0.26669	(-26.02 dBm/MHz)
	MHz	5469.96	5467.66	5462.80	5460MHz ~ 5470MHz
	dBm/MHz	-34.34	-35.94	-35.84	Limit ≤ 12.5 μW/MHz
	μW/MHz	0.36813	0.25468	0.26062	(-19.03 dBm/MHz)
	MHz	5750.24	5763.88	5745.24	5745MHz ~ 5765MHz
	dBm/MHz	-36.34	-36.37	-34.08	Limit ≤ 12.5 μW/MHz
	μW/MHz	0.23227	0.23067	0.39084	(-19.03 dBm/MHz)
	MHz	10985.63	11187.98	11430.80	5765MHz ~ 26000MHz
	dBm/MHz	-29.62	-28.48	-30.55	Limit ≤ 2.5 μW/MHz
	μW/MHz	1.09144	1.41906	0.88105	(-26.02 dBm/MHz)

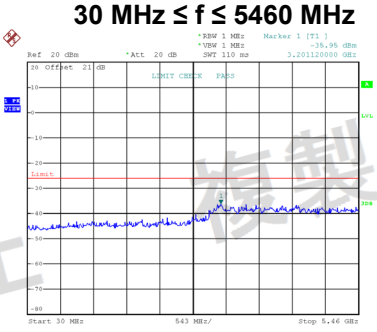
Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas
Explanation of Marker and ZeroSP test:
1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH100



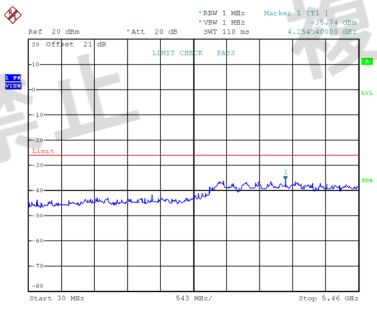
Date: 6.DEC.2025 11:30:15

CH120
30 MHz ≤ f ≤ 5460 MHz



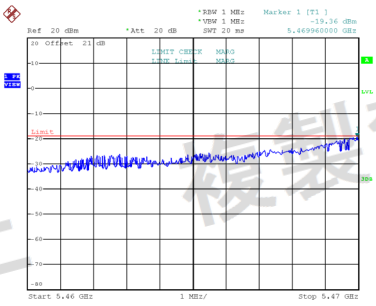
Date: 6.DEC.2025 11:35:14

CH144

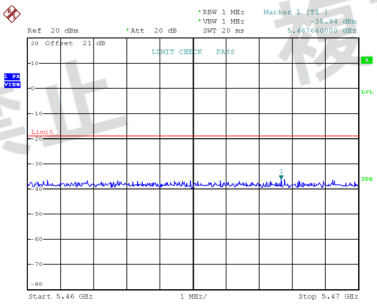


Date: 6.DEC.2025 11:41:28

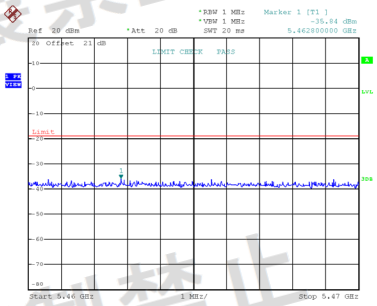
5460 MHz ≤ f ≤ 5470 MHz



Date: 6.DEC.2025 11:30:20

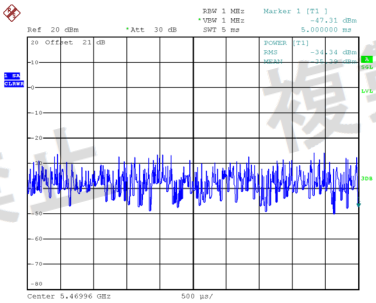


Date: 6.DEC.2025 11:35:20



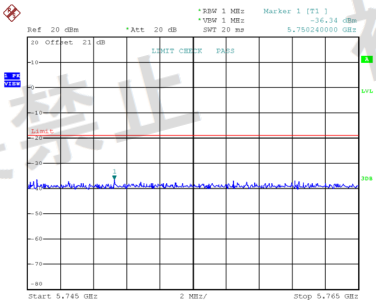
Date: 6.DEC.2025 11:41:34

ZeroSP

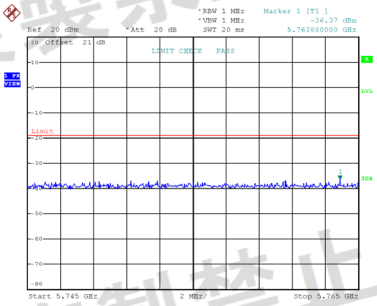


Date: 6.DEC.2025 11:30:25

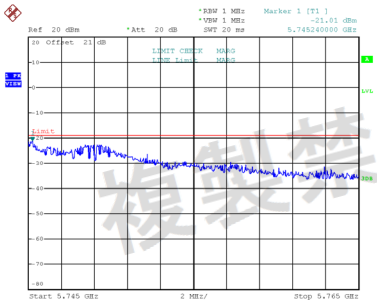
5745 MHz ≤ f ≤ 5765 MHz



Date: 6.DEC.2025 11:30:31

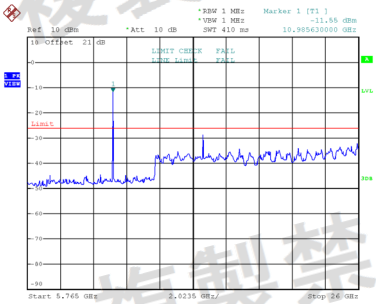


Date: 6.DEC.2025 11:35:25



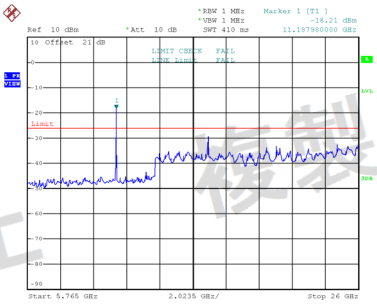
Date: 6.DEC.2025 11:41:39

CH100



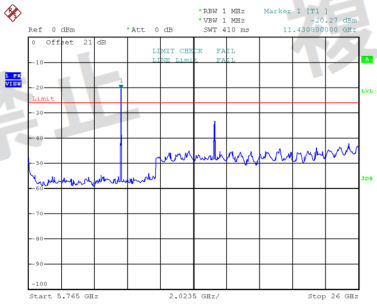
Date: 6.DEC.2025 11:33:07

CH120
5765 MHz ≤ f < 26000 MHz



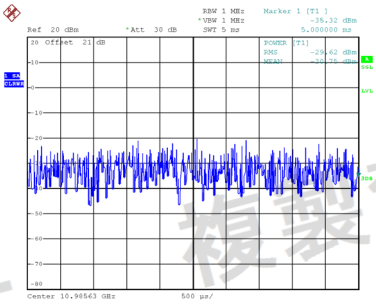
Date: 6.DEC.2025 11:39:19

CH144



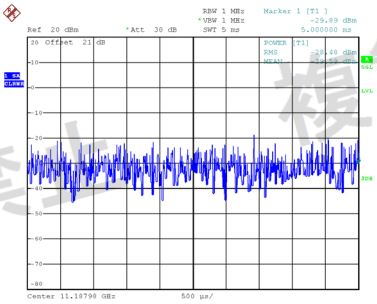
Date: 6.DEC.2025 11:43:30

ZeroSP



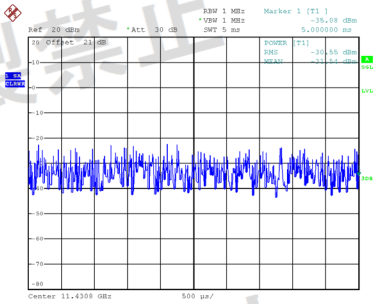
Date: 6.DEC.2025 11:33:11

ZeroSP



Date: 6.DEC.2025 11:39:23

ZeroSP



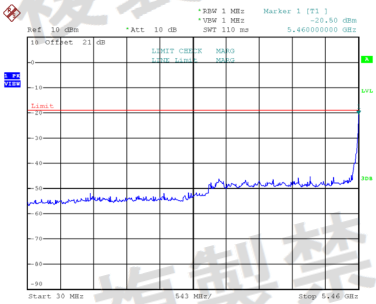
Date: 6.DEC.2025 11:43:34

Test Mode:	IEEE 802.11ac(VHT40) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5510	5590	5710	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5460.00	5460.00	5427.42	30MHz ~ 5460MHz
	dBm/MHz	-29.43	-43.96	-45.44	Limit ≤ 12.5 μW/MHz
	μW/MHz	1.14025	0.04018	0.02858	(-19.03 dBm/MHz)
	MHz	5469.88	5469.98	5469.70	5460MHz ~ 5470MHz
	dBm/MHz	-21.07	-36.29	-44.49	Limit ≤ 50 μW/MHz
	μW/MHz	7.81628	0.23496	0.03556	(-13.01 dBm/MHz)
	MHz	10989.34	11151.18	11393.94	5770MHz ~ 26000MHz
	dBm/MHz	-29.12	-28.10	-28.84	Limit ≤ 12.5 μW/MHz
	μW/MHz	1.22462	1.54882	1.30617	(-19.03 dBm/MHz)

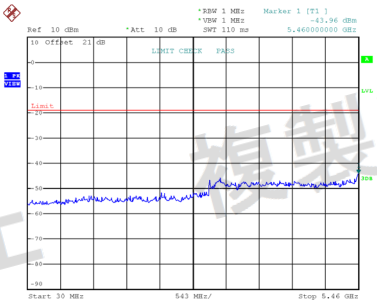
Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas
Explanation of Marker and ZeroSP test:
1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH102



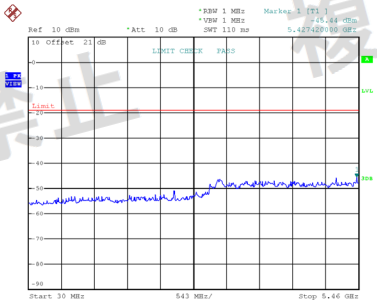
Date: 6.DEC.2025 13:11:53

CH118
30 MHz ≤ f ≤ 5460 MHz



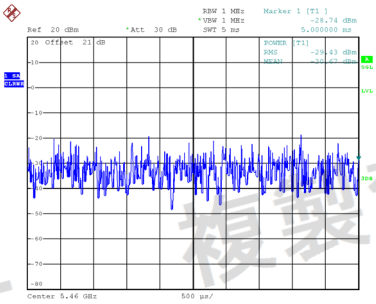
Date: 6.DEC.2025 13:16:57

CH142



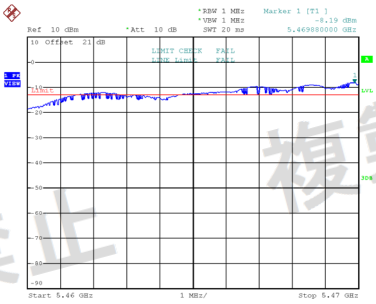
Date: 6.DEC.2025 13:19:07

ZeroSP

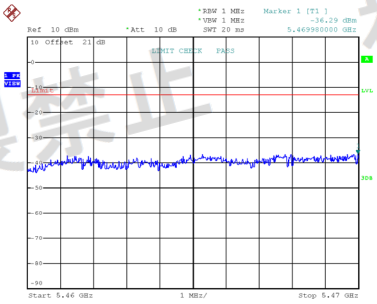


Date: 6.DEC.2025 13:11:57

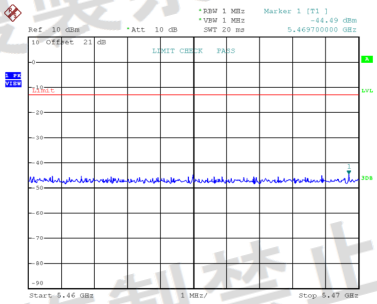
5460 MHz ≤ f < 5470 MHz



Date: 6.DEC.2025 13:12:04

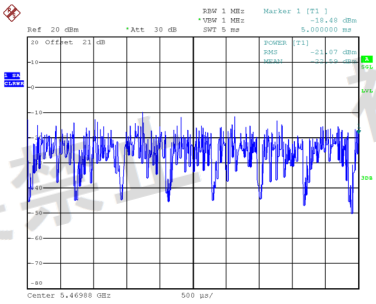


Date: 6.DEC.2025 13:17:03



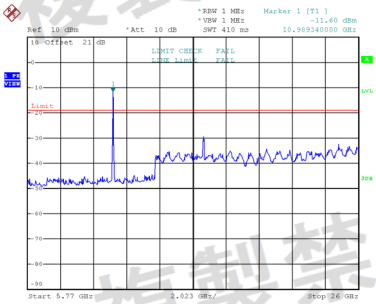
Date: 6.DEC.2025 13:19:12

ZeroSP



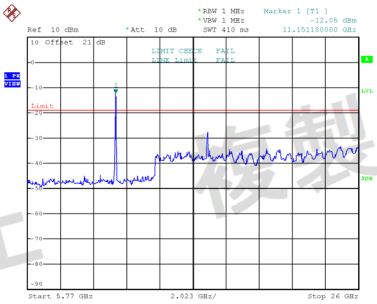
Date: 6.DEC.2025 13:12:08

CH102



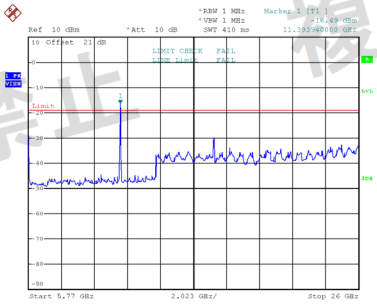
Date: 6.DEC.2025 13:12:18

CH118
5770 MHz < f ≤ 26000 MHz



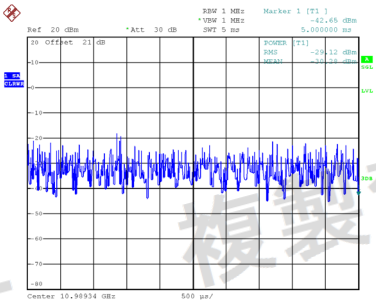
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CH142



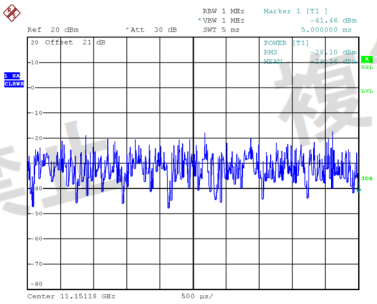
Date: 6.DEC.2025 13:19:22

ZeroSP



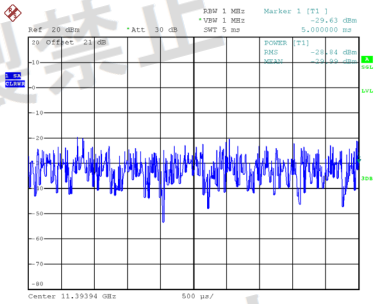
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ZeroSP



Date: 6.DEC.2025 13:17:17

ZeroSP



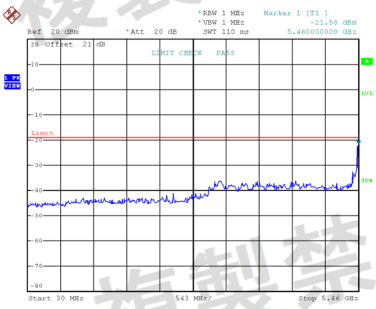
Date: 6.DEC.2025 13:19:26

Test Mode:	IEEE 802.11ac(VHT80) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5530	5610	5690	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5460.00	5460.00	4493.46	30MHz ~ 5460MHz
	dBm/MHz	-21.58	-30.50	-35.48	Limit ≤ 12.5 μW/MHz
	μW/MHz	6.95024	0.89125	0.28314	(-19.03 dBm/MHz)
	MHz	5463.17	5465.47	5460.72	5460MHz ~ 5469.5MHz
	dBm/MHz	-27.21	-28.48	-33.54	Limit ≤ 50 μW/MHz
	μW/MHz	1.90108	1.41906	0.44259	(-13.01 dBm/MHz)
	MHz	5469.94	5469.80	5469.88	5469.5MHz ~ 5470MHz
	dBm/MHz	-16.40	-29.35	-33.65	Limit ≤ 51.2 μW/MHz
	μW/MHz	22.90868	1.16145	0.43152	(-12.91 dBm/MHz)
	MHz	11070.26	11232.10	5770.00	5770MHz ~ 26000MHz
	dBm/MHz	-27.62	-28.41	-30.51	Limit ≤ 12.5 μW/MHz
	μW/MHz	1.72982	1.44212	0.88920	(-19.03 dBm/MHz)

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas
Explanation of Marker and ZeroSP test:
1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
2) The testing of ZeroSP is the worst, covering the entire frequency band.

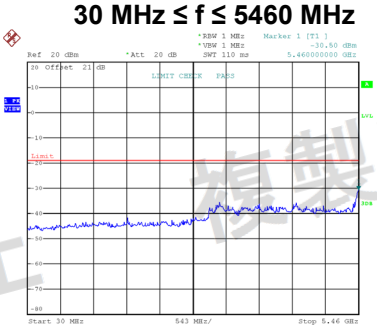
CH106



Date: 6.DEC.2025 13:33:32

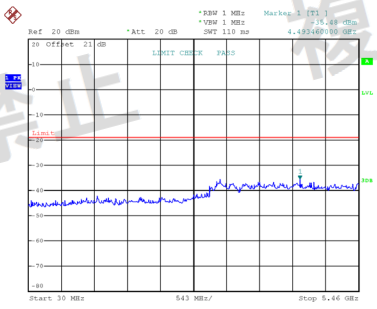
CH122

30 MHz ≤ f ≤ 5460 MHz



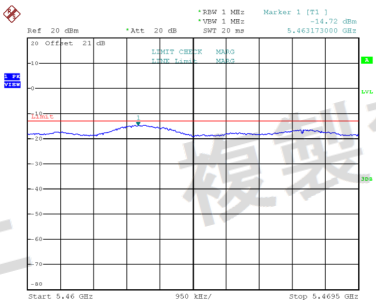
Date: 6.DEC.2025 13:37:23

CH138

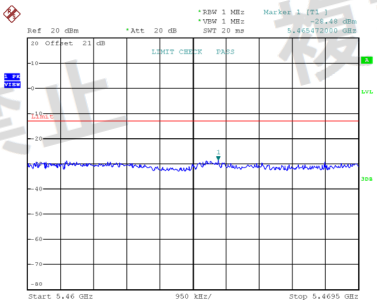


Date: 6.DEC.2025 13:39:13

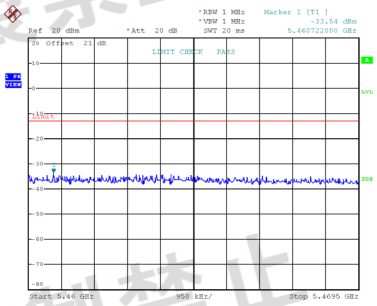
5460 MHz ≤ f ≤ 5469.5 MHz



Date: 6.DEC.2025 13:33:38

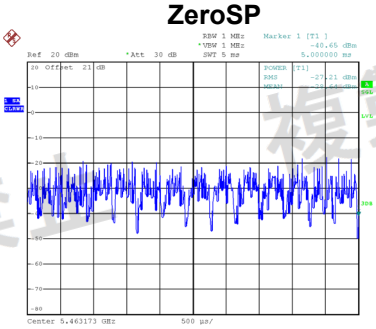


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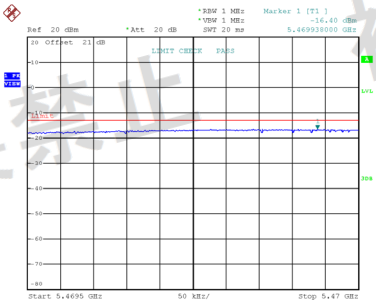
Date: 6.DEC.2025 13:39:19

ZeroSP

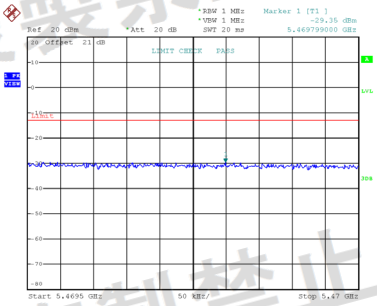


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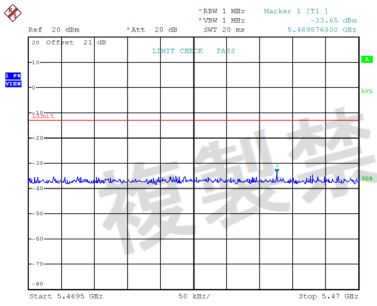
5469.5 MHz < f ≤ 5470 MHz



Date: 6.DEC.2025 13:33:48

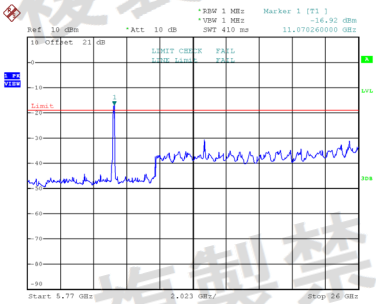


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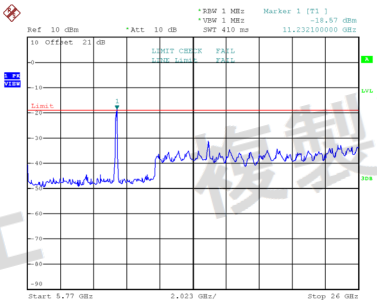
Date: 6.DEC.2025 13:39:25

CH106



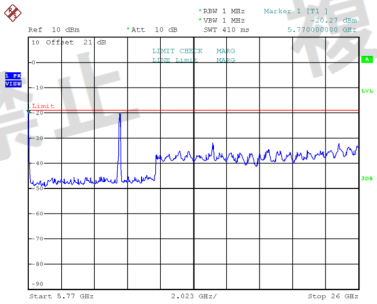
Date: 6.DEC.2025 13:33:58

CH122
5770 MHz < f ≤ 26000 MHz



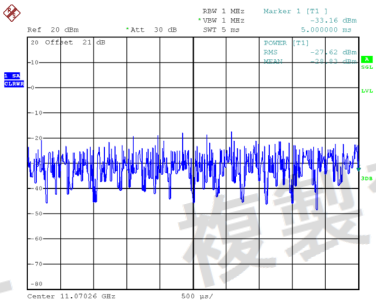
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CH138



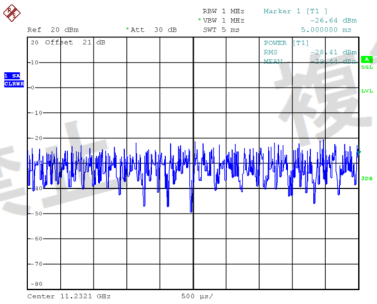
Date: 6.DEC.2025 13:39:34

ZeroSP



Date: 6.DEC.2025 13:34:02

ZeroSP



Date: 6.DEC.2025 13:37:48

APPENDIX D - ANTENNA POWER TOLERANCE

複製禁止

Test Mode:	IEEE 802.11a - W52

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	5.5208	5.6105	5.6234	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	5.62			-
Antenna Power Tolerance (%)	-1.77	-0.17	+0.06	Limit + 20% ~ - 80%
EIRP (mW/MHz)	8.7297	8.8716	8.8920	Limit ≤ 10 mW/MHz

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)

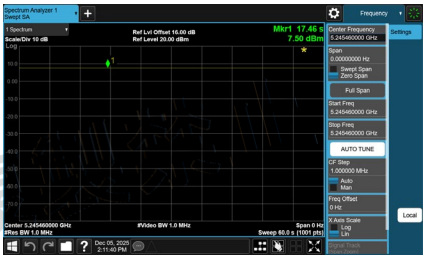
CH36



CH40



CH48



Test Mode:	IEEE 802.11ac(VHT20) - W52

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	5.9979	6.2230	5.9293	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	6.22			-
Antenna Power Tolerance (%)	-3.57	+0.05	-4.67	Limit + 20% ~ - 80%
EIRP (mW/MHz)	9.4842	9.8401	9.3756	Limit ≤ 10 mW/MHz

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH36



CH40



CH48



Test Mode:	IEEE 802.11ac(VHT40) - W52

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5190	5230	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	2.8642	3.0061	Limit ≤ 5 mW/MHz
Antenna Power (Rated) (mW/MHz)	3.01		-
Antenna Power Tolerance (%)	-4.84	-0.13	Limit + 20% ~ - 80%
EIRP (mW/MHz)	4.5290	4.7534	Limit ≤ 5 mW/MHz

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH38



CH46



Test Mode:	IEEE 802.11ac(VHT80) - W52

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5210	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	1.4488	Limit ≤ 2.5 mW/MHz
Antenna Power (Rated) (mW/MHz)	1.45	-
Antenna Power Tolerance (%)	-0.08	Limit + 20% ~ - 80%
EIRP (mW/MHz)	2.2909	Limit ≤ 2.5 mW/MHz

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH42



Test Mode:	IEEE 802.11a - W53

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	5.6494	5.5463	5.4828	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	5.65			-
Antenna Power Tolerance (%)	-0.01	-1.84	-2.96	Limit + 20% ~ - 80%
EIRP (mW/MHz)	8.9331	8.7700	8.6696	Limit ≤ 10 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)

CH52



CH60



CH64



Test Mode:	IEEE 802.11ac(VHT20) - W53

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	5.7412	6.0814	5.8479	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	6.08			-
Antenna Power Tolerance (%)	-5.57	+0.02	-3.82	Limit + 20% ~ - 80%
EIRP (mW/MHz)	9.0782	9.6161	9.2470	Limit ≤ 10 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH52



CH60



CH64

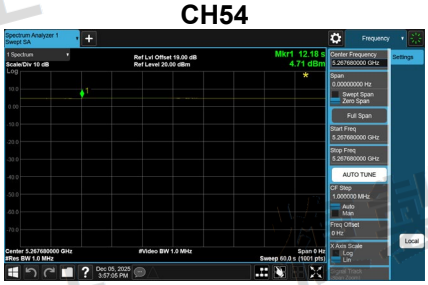


Test Mode:	IEEE 802.11ac(VHT40) - W53

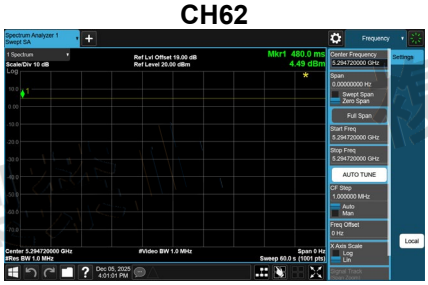
Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5270	5310	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	2.9580	2.8119	Limit ≤ 5 mW/MHz
Antenna Power (Rated) (mW/MHz)	2.96		-
Antenna Power Tolerance (%)	-0.07	-5.00	Limit + 20% ~ - 80%
EIRP (mW/MHz)	4.6774	4.4463	Limit ≤ 5 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH54



CH62



Test Mode:	IEEE 802.11ac(VHT80) - W53

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5290	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	1.4421	Limit ≤ 2.5 mW/MHz
Antenna Power (Rated) (mW/MHz)	1.44	-
Antenna Power Tolerance (%)	+0.15	Limit + 20% ~ - 80%
EIRP (mW/MHz)	2.2803	Limit ≤ 2.5 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH58

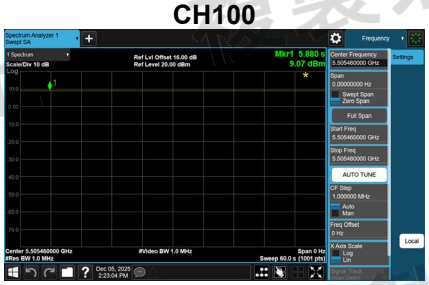


Test Mode:	IEEE 802.11a - W56

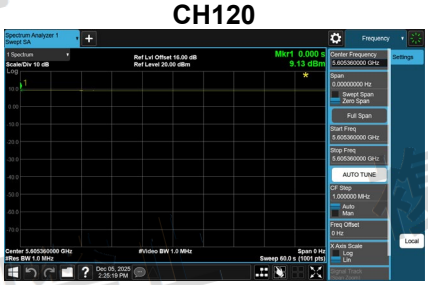
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	8.0724	8.1846	6.8865	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	8.18			-
Antenna Power Tolerance (%)	-1.32	+0.06	-15.81	Limit + 50% ~ - 50%
EIRP (mW/MHz)	12.7644	12.9420	10.8893	Limit ≤ 50 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)

CH100



CH120



CH144

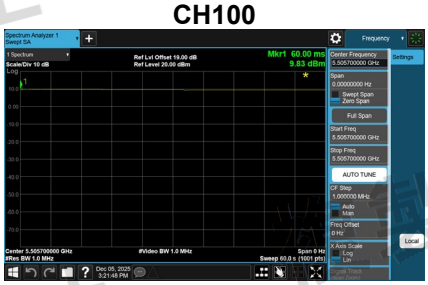


Test Mode:	IEEE 802.11ac(VHT20) - W56

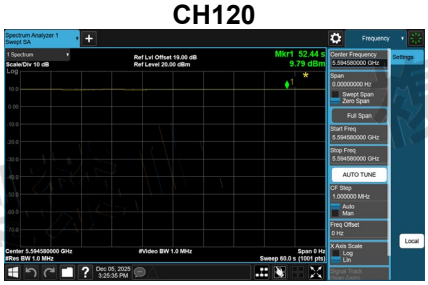
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	9.6161	9.5280	9.3541	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	9.62			-
Antenna Power Tolerance (%)	-0.04	-0.96	-2.76	Limit + 50% ~ - 50%
EIRP (mW/MHz)	15.2055	15.0661	14.7911	Limit ≤ 50 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH100



CH120



CH144

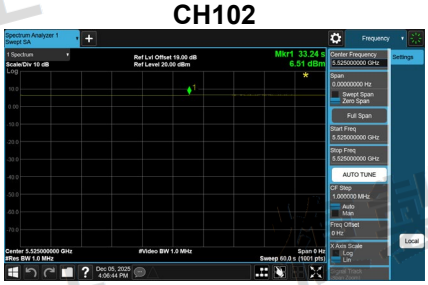


Test Mode:	IEEE 802.11ac(VHT40) - W56

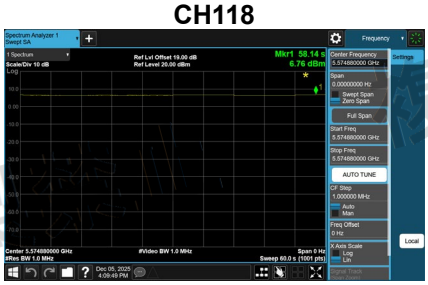
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5510	5590	5710	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	4.4771	4.7424	4.7424	Limit ≤ 5 mW/MHz
Antenna Power (Rated) (mW/MHz)	4.74			-
Antenna Power Tolerance (%)	-5.55	+0.05	+0.05	Limit + 50% ~ - 50%
EIRP (mW/MHz)	7.0795	7.4989	7.4989	Limit ≤ 25 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH102



CH118



CH142

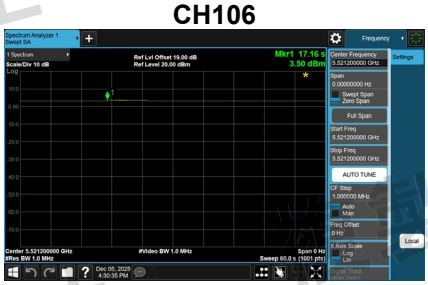


Test Mode:	IEEE 802.11ac(VHT80) - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5530	5610	5690	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	2.2387	2.3067	2.2856	Limit ≤ 2.5 mW/MHz
Antenna Power (Rated) (mW/MHz)	2.31			-
Antenna Power Tolerance (%)	-3.09	-0.14	-1.06	Limit + 50% ~ - 50%
EIRP (mW/MHz)	3.5400	3.6475	3.6141	Limit ≤ 12.5 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

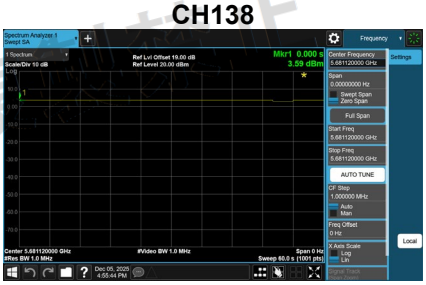
CH106



CH122



CH138



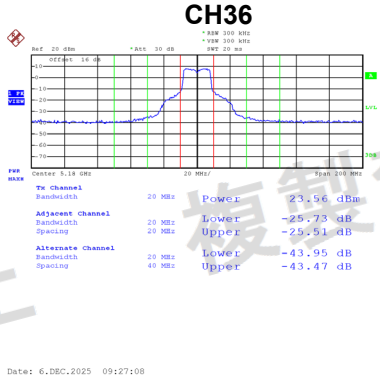
APPENDIX E - ADJACENT CHANNEL EMITTED POWER

複製禁止

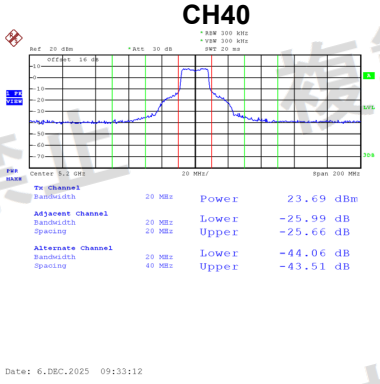
Test Mode:	IEEE 802.11a - W52

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5180	5200	5240	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	25.73	25.99	25.83	dB	Limit ≥ 25 dB
	+20	25.51	25.66	25.82	dB	Limit ≥ 25 dB
	-40	43.95	44.06	42.91	dB	Limit ≥ 40 dB
	+40	43.47	43.51	43.26	dB	Limit ≥ 40 dB

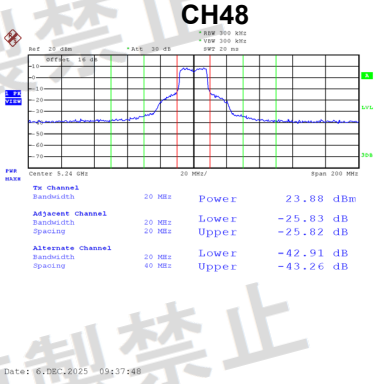
CH36



CH40



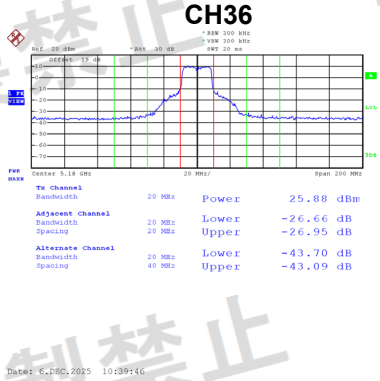
CH48



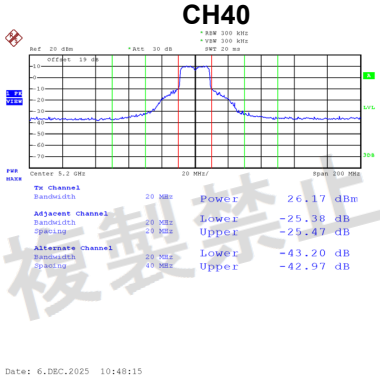
Test Mode:	IEEE 802.11ac(VHT20) - W52

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5180	5200	5240	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	26.66	25.38	25.25	dB	Limit ≥ 25 dB
	+20	26.95	25.47	25.83	dB	Limit ≥ 25 dB
	-40	43.70	43.20	41.62	dB	Limit ≥ 40 dB
	+40	43.09	42.97	42.28	dB	Limit ≥ 40 dB

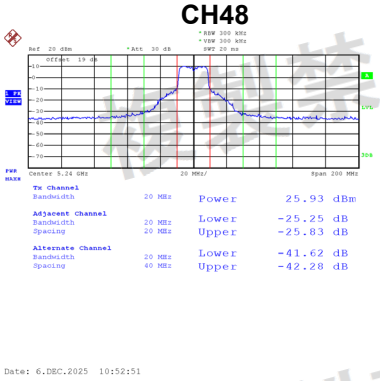
CH36



CH40



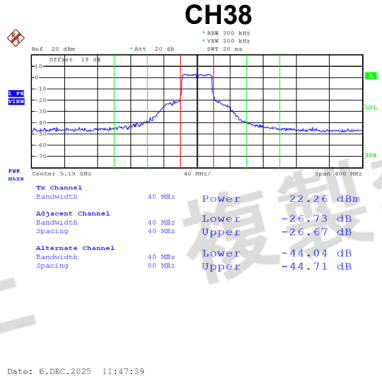
CH48



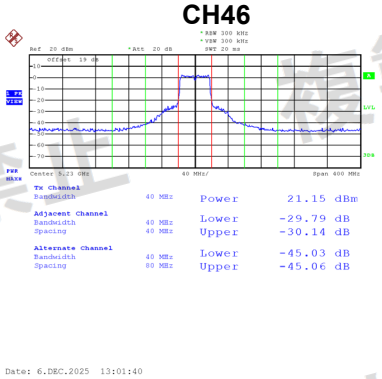
Test Mode:	IEEE 802.11ac(VHT40) - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5190	5230	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-40	26.73	29.79	dB	Limit ≥ 25 dB
	+40	26.67	30.14	dB	Limit ≥ 25 dB
	-80	44.04	45.03	dB	Limit ≥ 40 dB
	+80	44.71	45.06	dB	Limit ≥ 40 dB

CH38



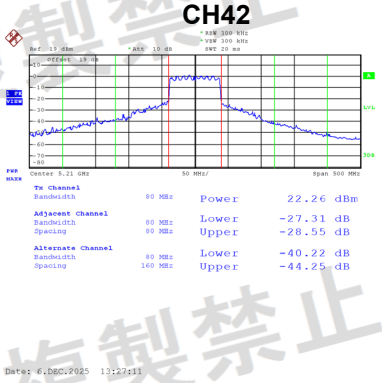
CH46



Test Mode:	IEEE 802.11ac(VHT80) - W52

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5210	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-80	27.31	dB	Limit ≥ 25 dB
	+80	28.55	dB	Limit ≥ 25 dB

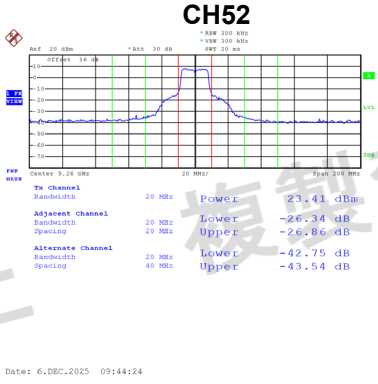
CH42



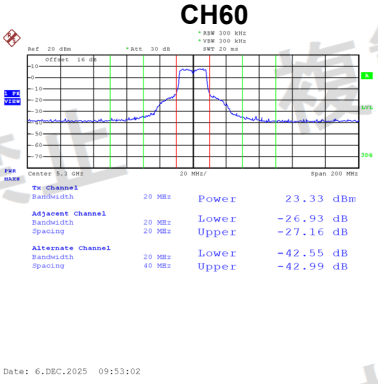
Test Mode:	IEEE 802.11a - W53

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5260	5300	5320	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	26.34	26.93	26.95	dB	Limit ≥ 25 dB
	+20	26.86	27.16	27.02	dB	Limit ≥ 25 dB
	-40	42.75	42.55	42.78	dB	Limit ≥ 40 dB
	+40	43.54	42.99	43.00	dB	Limit ≥ 40 dB

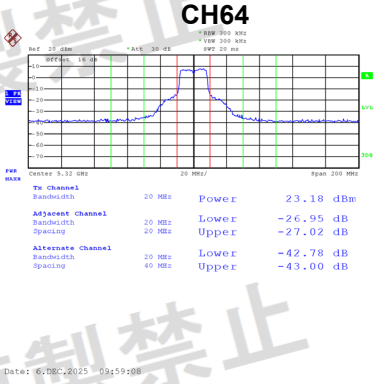
CH52



CH60



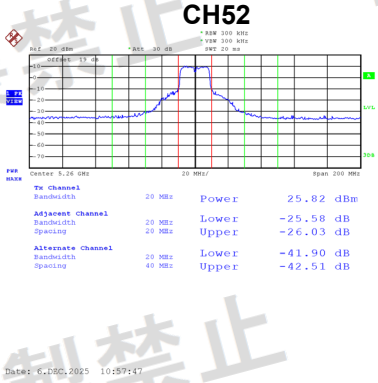
CH64



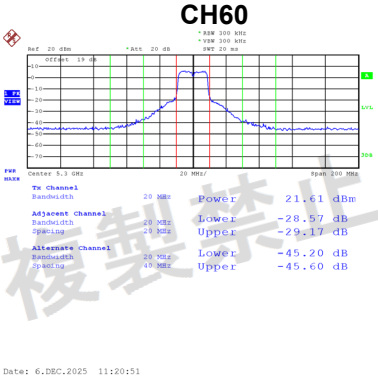
Test Mode:	IEEE 802.11ac(VHT20) - W53

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5260	5300	5320	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	25.58	28.57	25.80	dB	Limit ≥ 25 dB
	+20	26.03	29.17	26.36	dB	Limit ≥ 25 dB
	-40	41.90	45.20	44.71	dB	Limit ≥ 40 dB
	+40	42.51	45.60	44.86	dB	Limit ≥ 40 dB

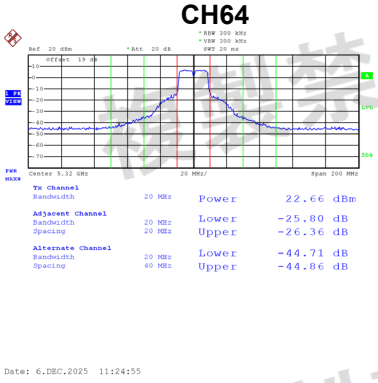
CH52



CH60



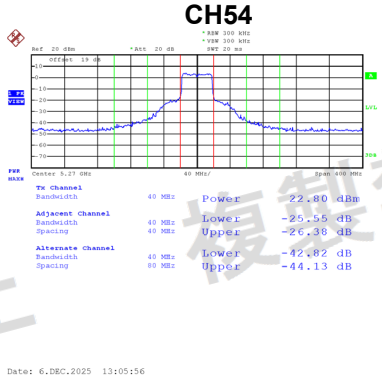
CH64



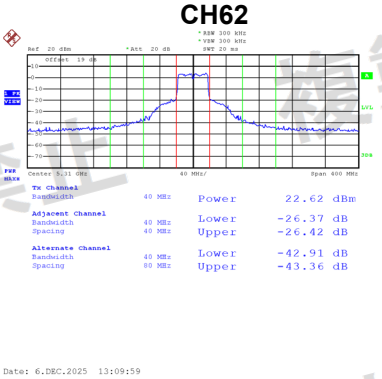
Test Mode:	IEEE 802.11ac(VHT40) - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5270	5310	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-40	25.55	26.37	dB	Limit ≥ 25 dB
	+40	26.38	26.42	dB	Limit ≥ 25 dB
	-80	42.82	42.91	dB	Limit ≥ 40 dB
	+80	44.13	43.36	dB	Limit ≥ 40 dB

CH54



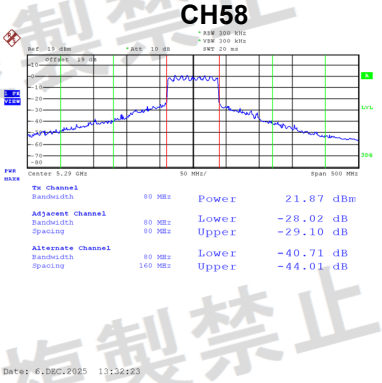
CH62



Test Mode:	IEEE 802.11ac(VHT80) - W53

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5290	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-80	28.02	dB	Limit ≥ 25 dB
	+80	29.10	dB	Limit ≥ 25 dB

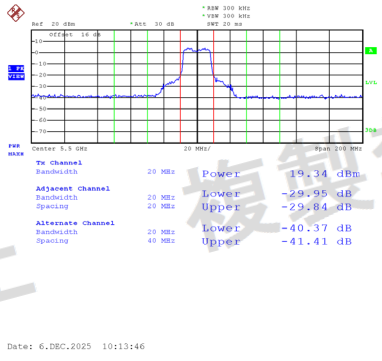
CH58



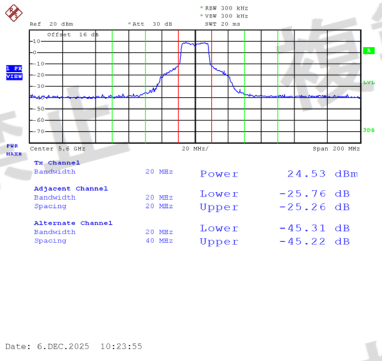
Test Mode:	IEEE 802.11a - W56

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5500	5600	5720	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	29.95	25.76	26.59	dB	Limit ≥ 25 dB
	+20	29.84	25.26	26.56	dB	Limit ≥ 25 dB
	-40	40.37	45.31	44.37	dB	Limit ≥ 40 dB
	+40	41.41	45.22	45.30	dB	Limit ≥ 40 dB

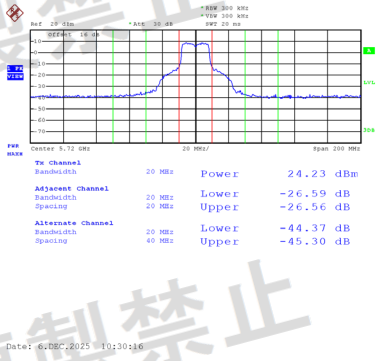
CH100



CH120



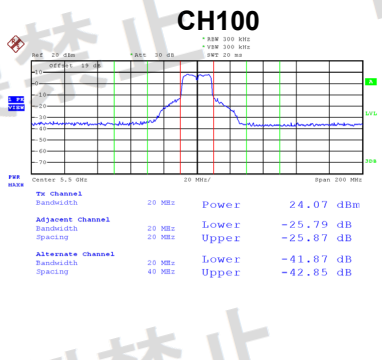
CH144



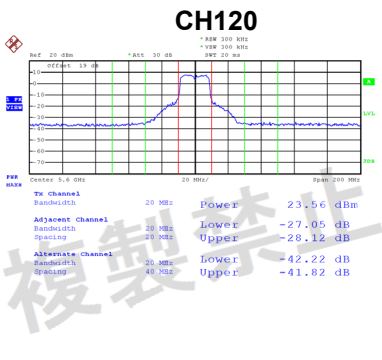
Test Mode:	IEEE 802.11ac(VHT20) - W56

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5500	5600	5720	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	25.79	27.05	25.71	dB	Limit ≥ 25 dB
	+20	25.87	28.12	26.28	dB	Limit ≥ 25 dB
	-40	41.87	42.22	41.67	dB	Limit ≥ 40 dB
	+40	42.85	41.82	42.65	dB	Limit ≥ 40 dB

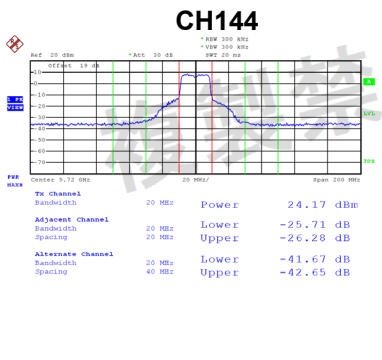
CH100



CH120



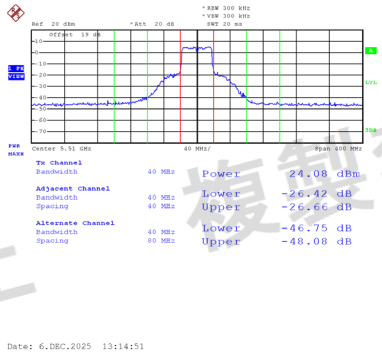
CH144



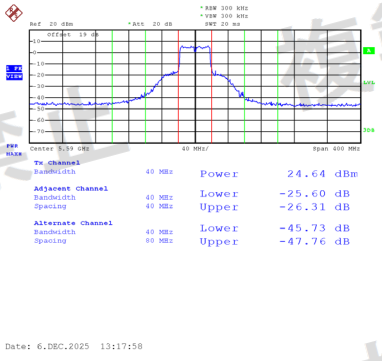
Test Mode:	IEEE 802.11ac(VHT40) - W56

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5510	5590	5710	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-40	26.42	25.60	27.19	dB	Limit ≥ 25 dB
	+40	26.66	26.31	27.72	dB	Limit ≥ 25 dB
	-80	46.75	45.73	45.01	dB	Limit ≥ 40 dB
	+80	48.08	47.76	47.59	dB	Limit ≥ 40 dB

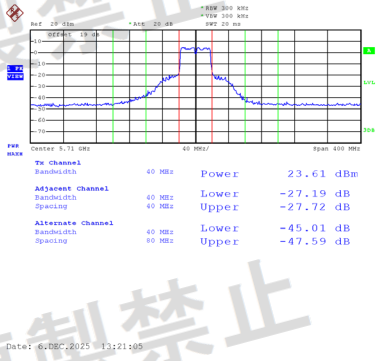
CH102



CH118



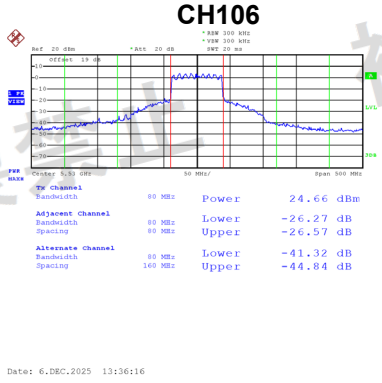
CH142



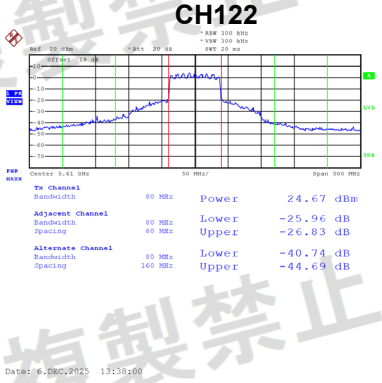
Test Mode:	IEEE 802.11ac(VHT80) - W56

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5530	5610	5690	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-80	26.27	25.96	25.06	dB	Limit ≥ 25 dB
	+80	26.57	26.83	25.89	dB	Limit ≥ 25 dB

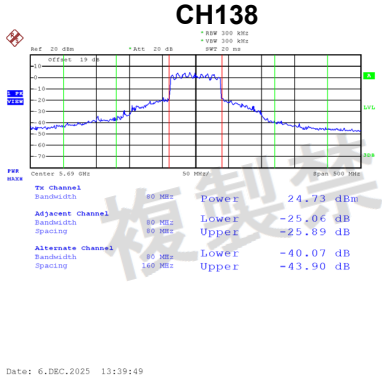
CH106



CH122



CH138



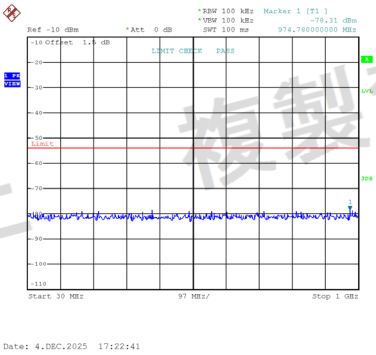
APPENDIX F - LIMITATION OF COLLATERAL EMISSION OF RECEIVER

複製禁止

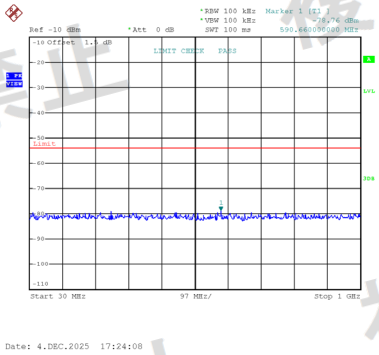
Test Mode:	IEEE 802.11a - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	974.78	590.66	623.64	Limit ≤ 4 nW (-54 dBm)
	nW	0.0148	0.0133	0.0145	
	MHz	25400.00	25900.00	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	0.6607	0.6067	0.8551	

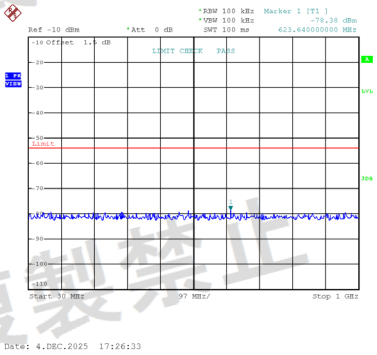
CH36



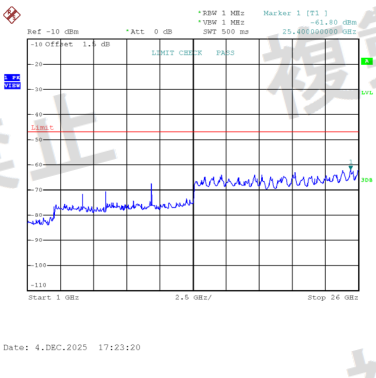
CH40
f < 1GHz

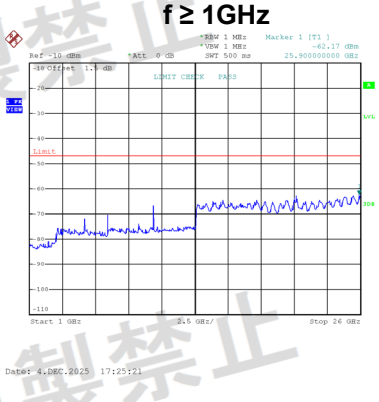


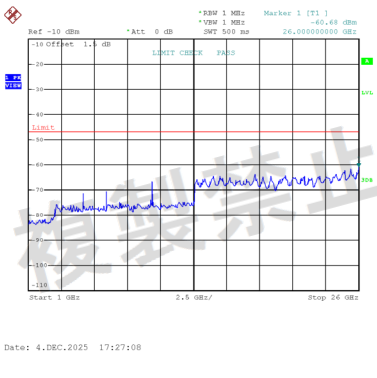
CH48



f ≥ 1GHz





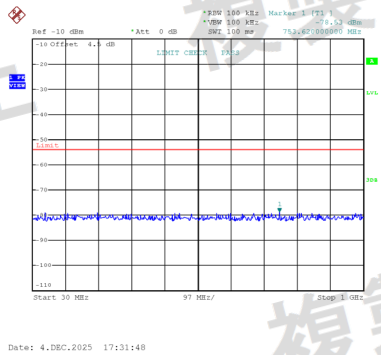


Test Mode:	IEEE 802.11ac(VHT20) - W52

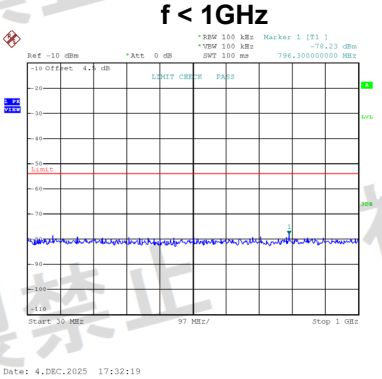
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	753.62	796.30	959.26	Limit ≤ 4 nW (-54 dBm)
	nW	0.0140	0.0150	0.0144	
	MHz	26000.00	25950.00	25950.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.1324	1.2531	1.0399	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

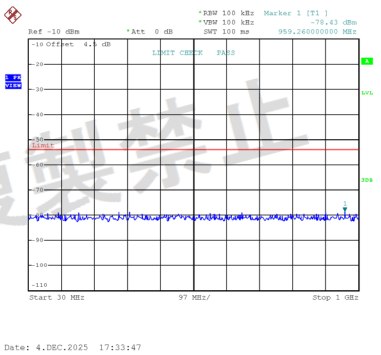
CH36



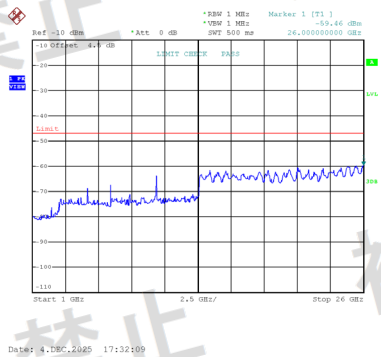
CH40
f < 1GHz

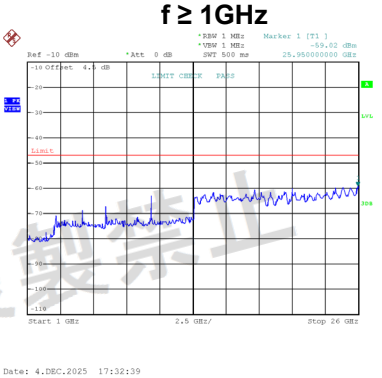


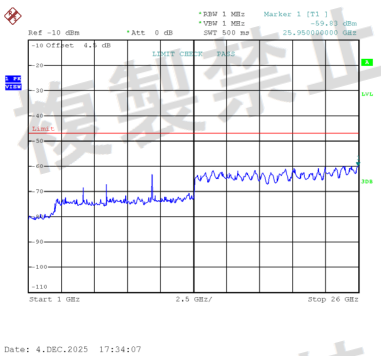
CH48



f ≥ 1GHz





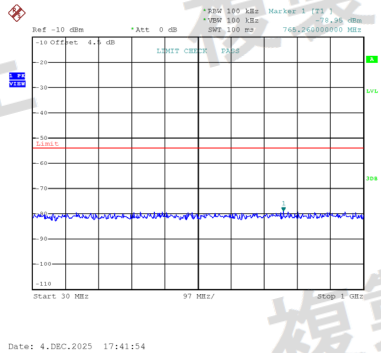


Test Mode:	IEEE 802.11ac(VHT40) - W52

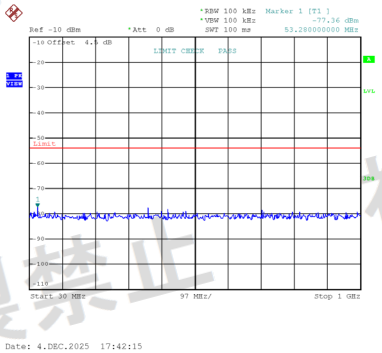
Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5190	5230	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	765.26	53.28	Limit ≤ 4 nW (-54 dBm)
	nW	0.0127	0.0184	
	MHz	25350.00	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.3213	1.6032	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

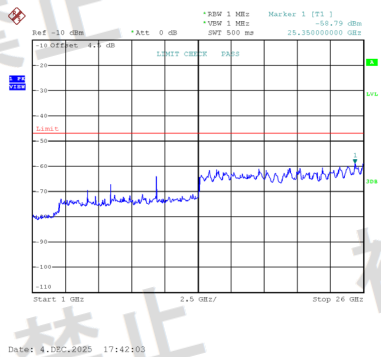
CH38

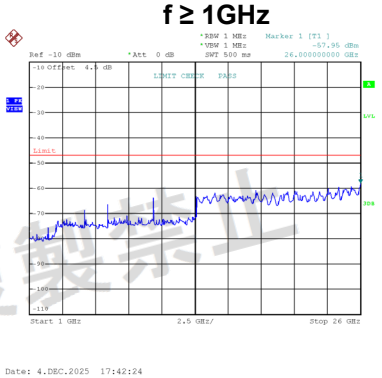


CH46
f < 1GHz



f ≥ 1GHz



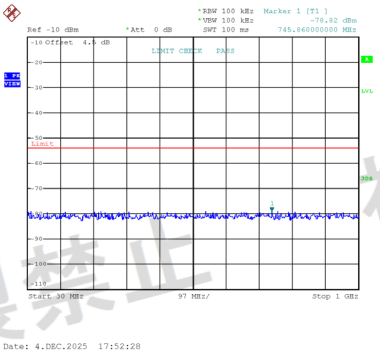


Test Mode:	IEEE 802.11ac(VHT80) - W52

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5210	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	745.86	Limit ≤ 4 nW (-54 dBm)
	nW	0.0131	
	MHz	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.2417	

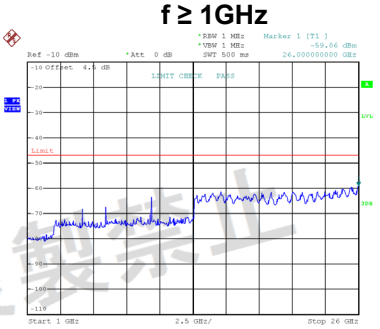
Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

CH42
f < 1GHz



Date: 4.DEC.2025 17:52:28

f ≥ 1GHz

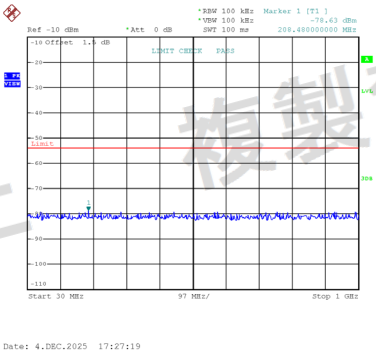


Date: 4.DEC.2025 17:52:37

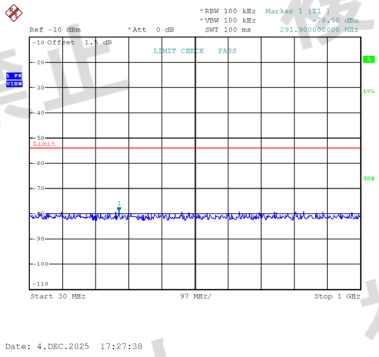
Test Mode:	IEEE 802.11a - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	208.48	291.90	179.38	Limit ≤ 4 nW (-54 dBm)
	nW	0.0137	0.0129	0.0137	
	MHz	25400.00	24800.00	25400.00	Limit ≤ 20 nW (-47 dBm)
	nW	0.6592	0.5534	0.5998	

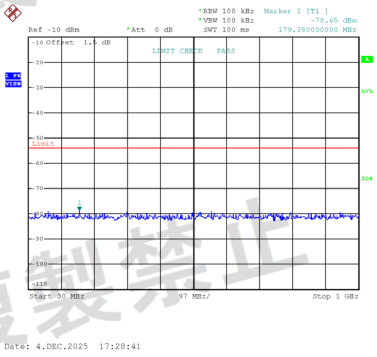
CH52



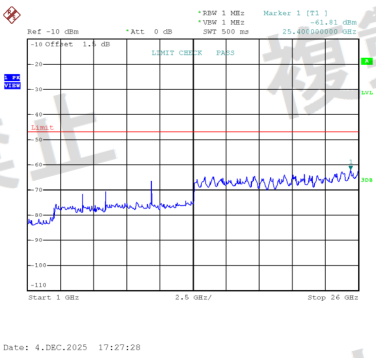
CH60
f < 1GHz

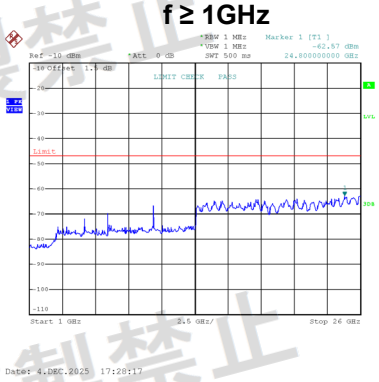


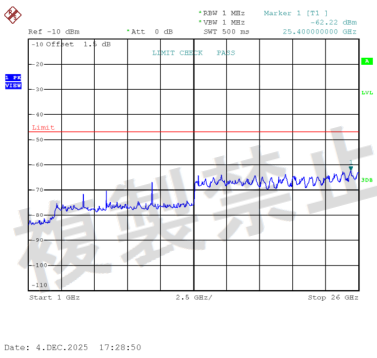
CH64



f ≥ 1GHz





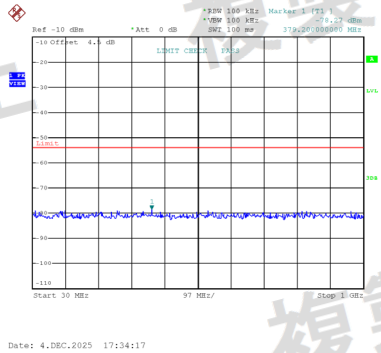


Test Mode:	IEEE 802.11ac(VHT20) - W53

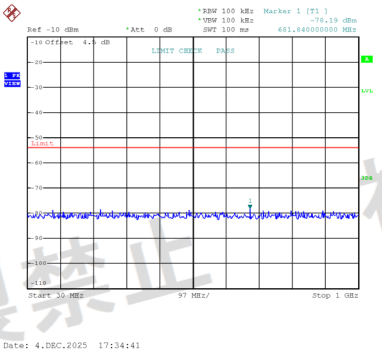
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	379.20	681.84	94.02	Limit ≤ 4 nW (-54 dBm)
	nW	0.0149	0.0152	0.0150	
	MHz	26000.00	25950.00	24950.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.3836	1.3243	1.0839	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

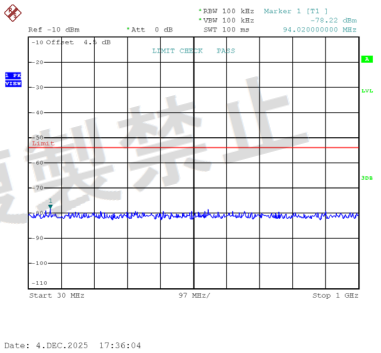
CH52



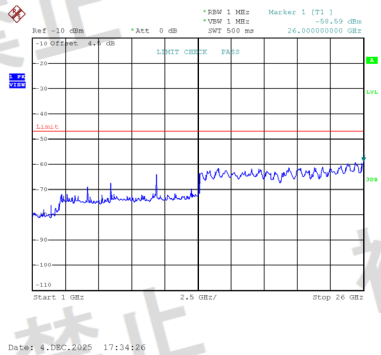
CH60
f < 1GHz

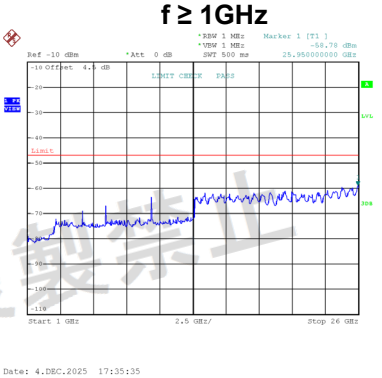


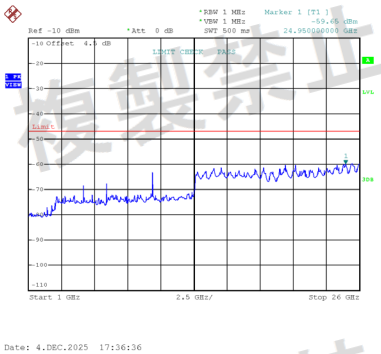
CH64



f ≥ 1GHz





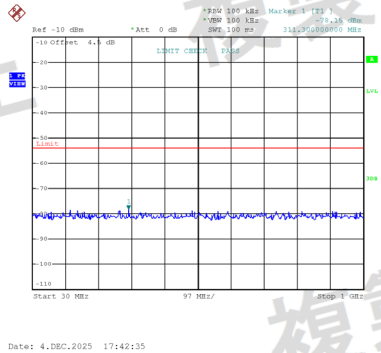


Test Mode:	IEEE 802.11ac(VHT40) - W53

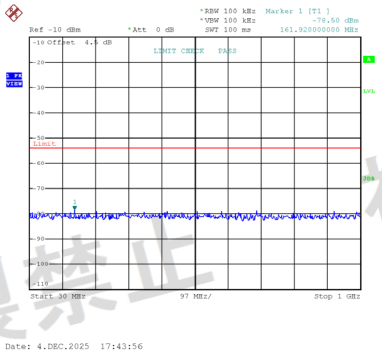
Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5270	5310	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	311.30	161.92	Limit ≤ 4 nW (-54 dBm)
	nW	0.0153	0.0141	
	MHz	26000.00	25850.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.2134	1.3428	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

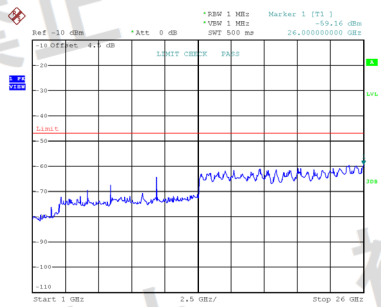
CH54

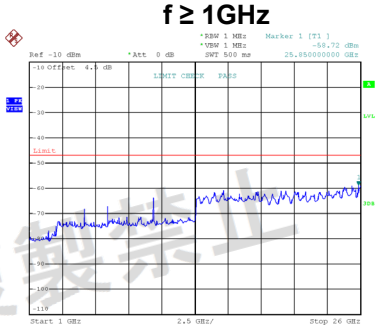


CH62
f < 1GHz



f ≥ 1GHz



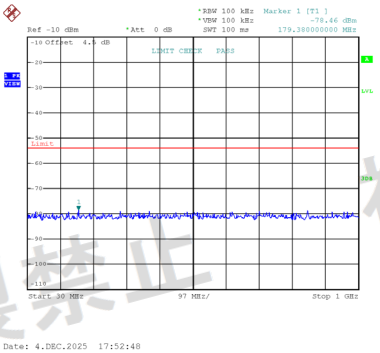


Test Mode:	IEEE 802.11ac(VHT80) - W53

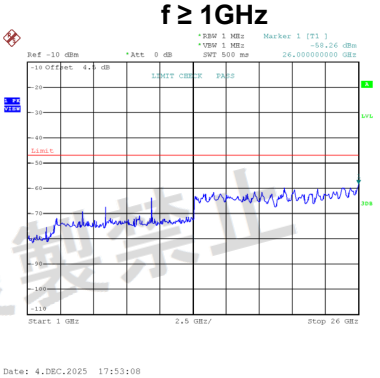
Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5290	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	179.38	Limit ≤ 4 nW (-54 dBm)
	nW	0.0143	
	MHz	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.4928	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

CH58
f < 1GHz



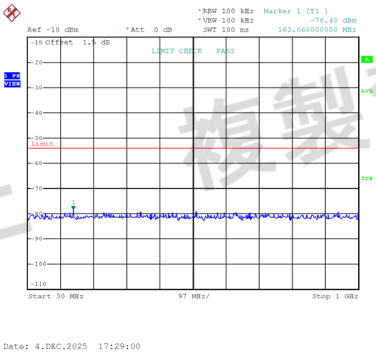
f ≥ 1GHz



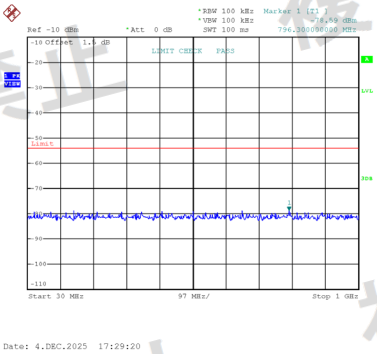
Test Mode:	IEEE 802.11a - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5720	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	163.86	796.30	730.34	Limit ≤ 4 nW (-54 dBm)
	nW	0.0145	0.0139	0.0134	
	MHz	26000.00	26000.00	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	0.6138	0.6053	0.6324	

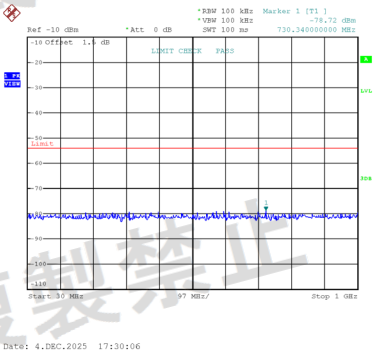
CH100



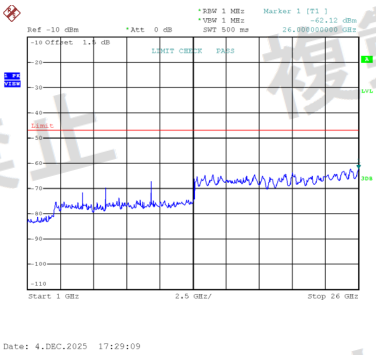
CH120
f < 1GHz

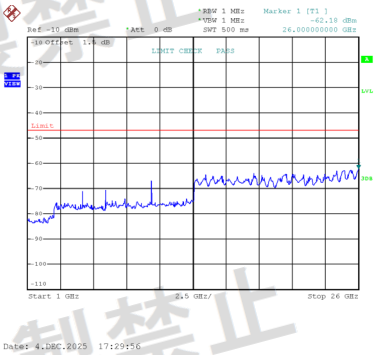


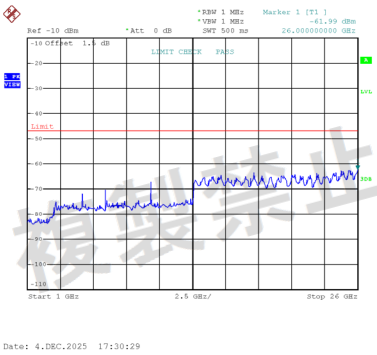
CH144



f ≥ 1GHz





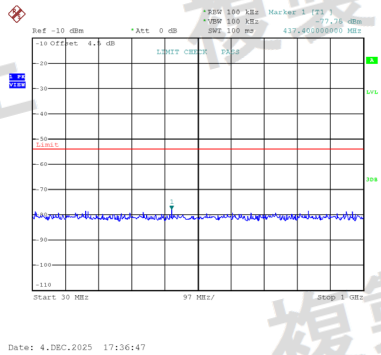


Test Mode:	IEEE 802.11ac(VHT20) - W56

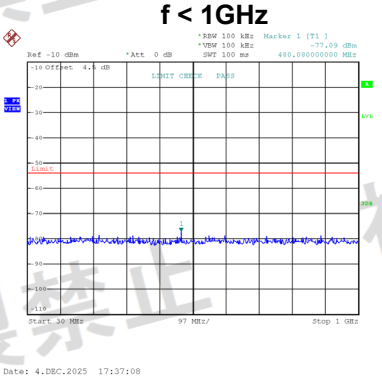
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5720	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	437.40	480.08	97.90	Limit ≤ 4 nW (-54 dBm)
	nW	0.0168	0.0196	0.0153	
	MHz	25350.00	25950.00	24800.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.2531	1.2218	1.3152	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

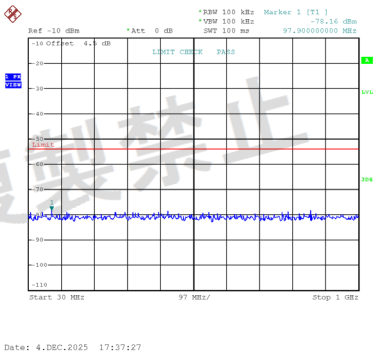
CH100



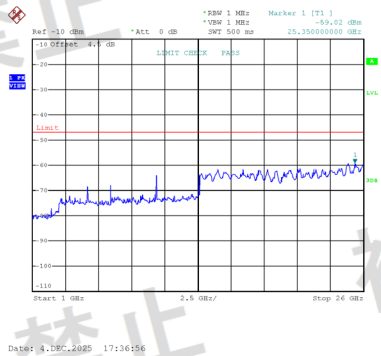
CH120
f < 1GHz

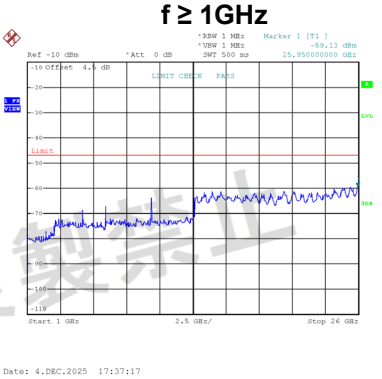


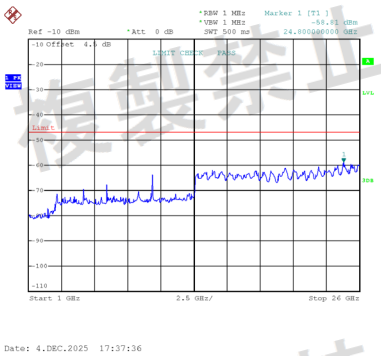
CH144



f ≥ 1GHz





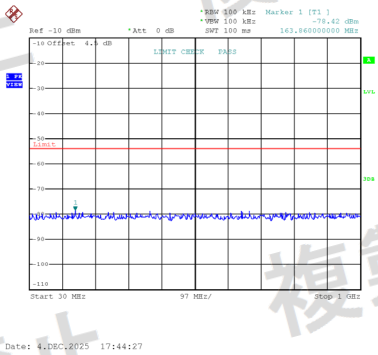


Test Mode:	IEEE 802.11ac(VHT40) - W56

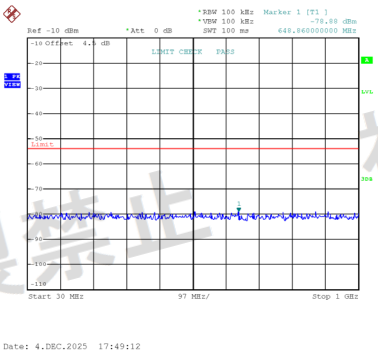
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5510	5590	5710	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	163.86	648.86	547.98	Limit ≤ 4 nW (-54 dBm)
	nW	0.0144	0.0129	0.0139	
	MHz	24800.00	24800.00	25950.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.6406	1.2359	1.3868	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

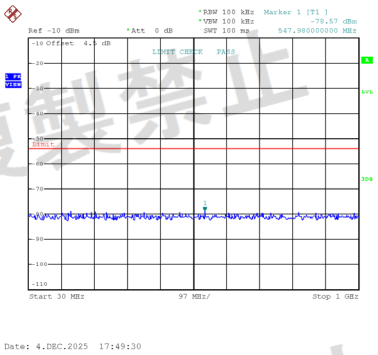
CH102



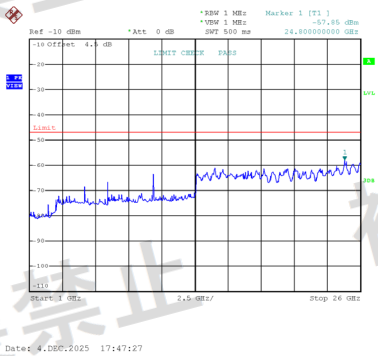
CH118
f < 1GHz

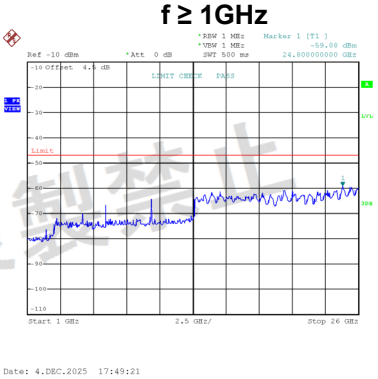


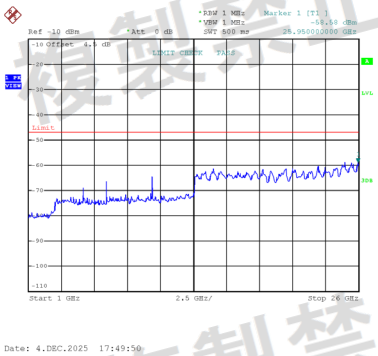
CH142



f ≥ 1GHz





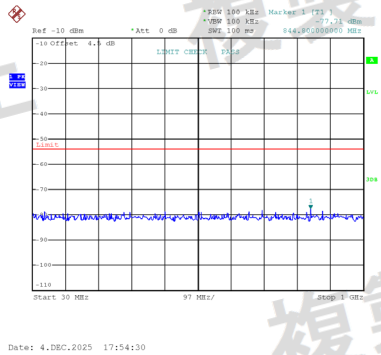


Test Mode:	IEEE 802.11ac(VHT80) - W56

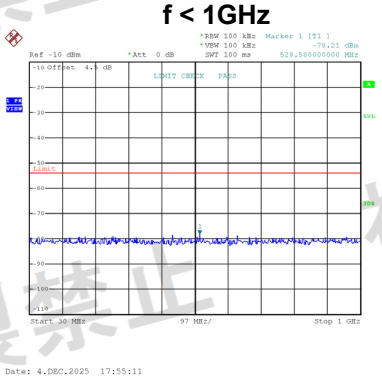
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5530	5610	5690	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	844.80	528.58	899.12	Limit ≤ 4 nW (-54 dBm)
	nW	0.0170	0.0151	0.0156	
	MHz	26000.00	25950.00	25000.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.2417	1.2589	1.3002	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

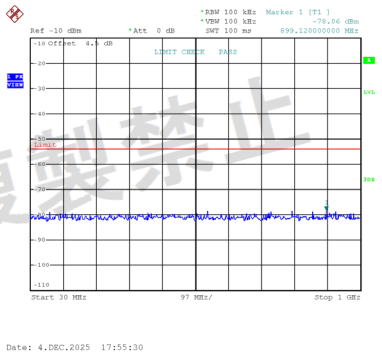
CH106



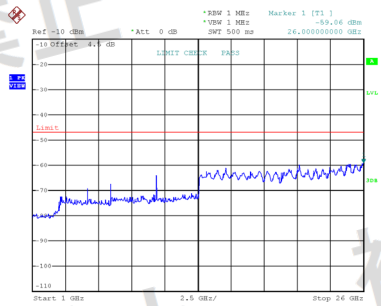
CH122
f < 1GHz

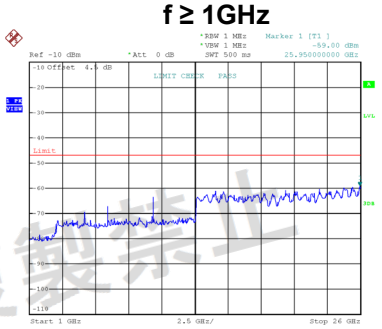


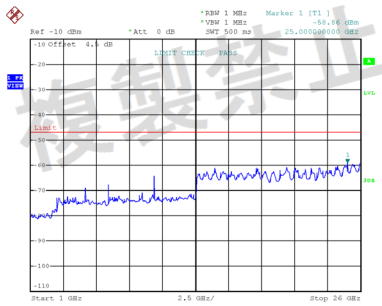
CH138



f ≥ 1GHz







APPENDIX G - TRANSMISSION BURST LENGTH

複製禁止

Test Mode:	IEEE 802.11a - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.370	1.370	1.370	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT20) - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.274	1.274	1.274	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT40) - W52

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5190	5230	Low/Mid/High of test frequency range
Transmission Burst Length	msec	0.639	0.639	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT80) - W52

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5210	Low/Mid/High of test frequency range
Transmission Burst Length	msec	0.315	Limit ≤ 8msec

Test Mode:	IEEE 802.11a - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.370	1.370	1.370	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT20) - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.274	1.274	1.274	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT40) - W53

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5270	5310	Low/Mid/High of test frequency range
Transmission Burst Length	msec	0.639	0.639	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT80) - W53

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5290	Low/Mid/High of test frequency range
Transmission Burst Length	msec	0.315	Limit ≤ 8msec

Test Mode:	IEEE 802.11a - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5720	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.370	1.370	1.370	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT20) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5720	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.274	1.274	1.274	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT40) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5510	5590	5710	Low/Mid/High of test frequency range
Transmission Burst Length	msec	0.639	0.639	0.639	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT80) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5530	5610	5690	Low/Mid/High of test frequency range
Transmission Burst Length	msec	0.315	0.315	0.315	Limit ≤ 8msec

APPENDIX H - CARRIER SENSE CAPABILITY

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Test Mode:	IEEE 802.11a - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT20) - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT40) - W52

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5190	5230	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT80) - W52

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5210	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11a - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT20) - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT40) - W53

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5270	5310	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT80) - W53

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5290	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11a - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5720	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT20) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5720	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT40) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5510	5590	5710	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT80) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5530	5610	5690	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

End of Test Report