

Japan Radio Test Report

Project No. : 2510C213
Equipment : AC600 Mini Wireless USB Adapter
Brand Name : tp-link
Model Name : Archer T2U
Applicant : TP-Link Systems Inc.
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Manufacturer : TP-Link Systems Inc.
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Date of Receipt : Nov. 25, 2025
Date of Test : Nov. 28, 2025 ~ Jan. 19, 2026
Issued Date : Apr. 01, 2026
Test Sample : Engineering Sample No.: DG92025112525 for Carrier Sense Capability, DG92025112526 for others.
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).

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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.

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-JPAP-2-2510C213	R00	Original Report.	Mar. 19, 2026	Invalid
BTL-JPAP-2-2510C213	R01	This report has changes as following: 1. Revised the measuring equipment's information in chapter 4. 2. Revised the EUT test photo in chapter 5. 3. Revised the confirmation method in chapter 3.10.2. It is a revision of the report BTL-JPAP-2-2510C213 R00. This is a newly released report, replacing the BTL-JPAP-2-2510C213 R00 report.	Mar. 26, 2026	Invalid
BTL-JPAP-2-2510C213	R02	This report revised the measuring equipment's information in chapter 4. It is a revision of the report BTL-JPAP-2-2510C213 R01. This is a newly released report, replacing the BTL-JPAP-2-2510C213 R01 report.	Apr. 01, 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 14	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: below 3.44mW/MHz EIRP
40MHz systems: below 1.52mW/MHz EIRP
80MHz systems: below 1.03mW/MHz EIRP
- (3) The TPC is provided and declared by the manufacturer, and the TPC mode can reduce the EIRP power by 6 dB or more.
- (4) 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:

DGDLR08-1 / DGDLR09-3: 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	23°C	54%	DC 5V	Alex Yin
Occupied Bandwidth	23°C	54%	DC 5V	Alex Yin
Unwanted Emission Intensity	23°C	54%	DC 5V	Alex Yin
Antenna Power Tolerance	23°C	56%	DC 5V	Alex Yin
Adjacent Channel Emitted Power	23°C	54%	DC 5V	Alex Yin
Limitation of Collateral Emission of Receiver	23°C	54%	DC 5V	Alex Yin
Transmission Burst Length	23°C	54%	DC 5V	Alex Yin
Carrier Sense Capability	22°C	49%	DC 5V	Bowen Li

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	AC600 Mini Wireless USB Adapter
Brand Name	tp-link
Test Model	Archer T2U
Model Name	Archer T2U
Model Difference(s)	N/A
Hardware Version	3.0
Software Version	3.0
Power Source	Supplied from PC 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 150 Mbps IEEE 802.11ac: up to 433.3 Mbps
Occupied Bandwidth	77.44 MHz
Antenna Power - W52 (Rated Power)	IEEE 802.11a: 5.00 mW/MHz IEEE 802.11ac(VHT20): 4.69 mW/MHz IEEE 802.11ac(VHT40): 2.23 mW/MHz IEEE 802.11ac(VHT80): 1.15 mW/MHz
Antenna Power - W53 (Rated Power)	IEEE 802.11a: 4.78 mW/MHz IEEE 802.11ac(VHT20): 4.89 mW/MHz IEEE 802.11ac(VHT40): 2.21 mW/MHz IEEE 802.11ac(VHT80): 1.20 mW/MHz
Antenna Power - W56 (Rated Power)	IEEE 802.11a: 6.95 mW/MHz IEEE 802.11ac(VHT20): 6.43 mW/MHz IEEE 802.11ac(VHT40): 3.07 mW/MHz IEEE 802.11ac(VHT80): 2.08 mW/MHz
Antenna Power - W52 (Max. Conducted Power)	IEEE 802.11a: 5.0003 mW/MHz IEEE 802.11ac(VHT20): 4.6881 mW/MHz IEEE 802.11ac(VHT40): 2.2336 mW/MHz IEEE 802.11ac(VHT80): 1.1455 mW/MHz
Antenna Power - W53 (Max. Conducted Power)	IEEE 802.11a: 4.7753 mW/MHz IEEE 802.11ac(VHT20): 4.8865 mW/MHz IEEE 802.11ac(VHT40): 2.2080 mW/MHz IEEE 802.11ac(VHT80): 1.1995 mW/MHz
Antenna Power - W56 (Max. Conducted Power)	IEEE 802.11a: 6.9502 mW/MHz IEEE 802.11ac(VHT20): 6.4269 mW/MHz IEEE 802.11ac(VHT40): 3.0690 mW/MHz IEEE 802.11ac(VHT80): 2.0797 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.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	TP-Link Systems Inc.	6035500160	PIFA	N/A	2.95

Note:

1) The antenna gain is provided by the manufacturer.

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.

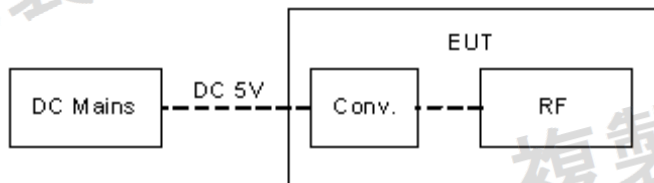
For all test cases pre-scan were completed in all modes to determine worst case levels.

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:

- 1) 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	3.336V	3.336V	3.336V
Voltage Variation (%)	-	0	0

Measurement point



Note:

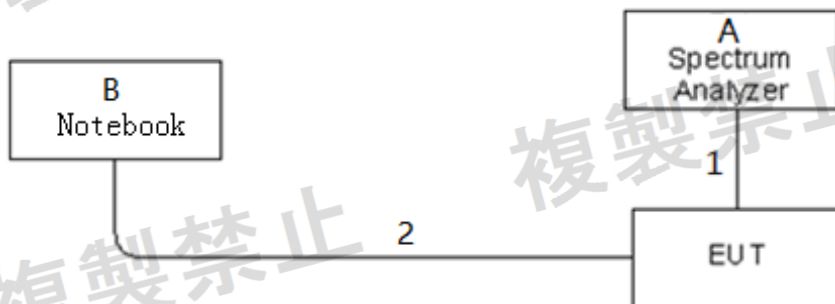
Voltage Variation (%)

= (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	FSP40	100185
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	MP_Kit_RTL11ac_8811AU_USB_v42.17		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	47	45	42
IEEE 802.11ac(VHT20)	47	46	44
Frequency (MHz)	5190	5230	
IEEE 802.11ac(VHT40)	52	47	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	45		

W53			
Test Software Version	MP_Kit_RTL11ac_8811AU_USB_v42.17		
Frequency (MHz)	5260	5300	5320
IEEE 802.11a	41	39	38
IEEE 802.11ac(VHT20)	42	40	40
Frequency (MHz)	5270	5310	
IEEE 802.11ac(VHT40)	45	43	
Frequency (MHz)	5290		
IEEE 802.11ac(VHT80)	40		

W56			
Test Software Version	MP_Kit_RTL11ac_8811AU_USB_v42.17		
Frequency (MHz)	5500	5600	5720
IEEE 802.11a	53	48	48
IEEE 802.11ac(VHT20)	53	49	50
Frequency (MHz)	5510	5590	5710
IEEE 802.11ac(VHT40)	63	63	49
Frequency (MHz)	5530	5610	5690
IEEE 802.11ac(VHT80)	48	45	42

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.

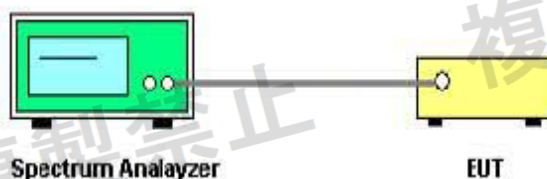
Spectrum Parameter	Setting
Span	500kHz
RBW / VBW	30kHz / 30kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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 $(f_c - f) / f_c \times 10^6$ 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.

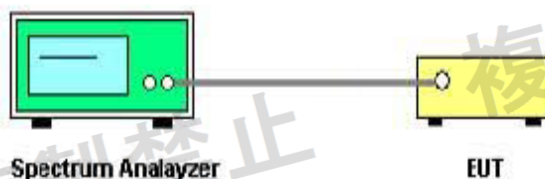
Spectrum Parameter	Setting
Span	20MHz systems: 50MHz 40MHz systems: 80MHz 80MHz systems: 160MHz
RBW / VBW	300kHz / 300kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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 $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)	18MHz or less
	5142MHz ~ 5150MHz Limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)	
	5250MHz ~ 5251MHz Limit $\leq 1000 \sim 100 \mu\text{W/MHz}$ (0 ~ -10 dBm/MHz)	
	5251MHz ~ 5260MHz Limit $\leq 100 \sim 15.8 \mu\text{W/MHz}$ (-10 ~ -18 dBm/MHz)	
	5260MHz ~ 5266.7MHz Limit $\leq 15.8 \sim 2.5 \mu\text{W/MHz}$ (-18 ~ -26 dBm/MHz)	
	5266.7MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)	
	30MHz ~ 5142MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)	18MHz-20MHz
	5142MHz ~ 5150MHz Limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)	
	5250MHz ~ 5250.2MHz Limit $\leq 2154.4 \sim 631.0 \mu\text{W/MHz}$ (3.33 ~ -2.0 dBm/MHz)	
	5250.2MHz ~ 5251MHz Limit $\leq 631.0 \sim 100 \mu\text{W/MHz}$ (-2.0 ~ -10 dBm/MHz)	
	5251MHz ~ 5260MHz Limit $\leq 100 \sim 15.8 \mu\text{W/MHz}$ (-10 ~ -18 dBm/MHz)	
	5260 MHz ~ 5266.7 MHz Limit $\leq 15.8 \sim 2.5 \mu\text{W/MHz}$ (-18 ~ -26 dBm/MHz)	
	5266.7MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)	
TX Spurious Emission (EIRP) For 20MHz systems -W53	30MHz ~ 5233.3MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)	18MHz or less
	5233.3MHz ~ 5240MHz Limit $\leq 2.5 \sim 15.8 \mu\text{W/MHz}$ (-26 ~ -18 dBm/MHz)	
	5240MHz ~ 5249MHz Limit $\leq 15.8 \sim 100 \mu\text{W/MHz}$ (-18 ~ -10 dBm/MHz)	
	5249MHz ~ 5250MHz Limit $\leq 100 \sim 1000 \mu\text{W/MHz}$ (-10 ~ 0 dBm/MHz)	
	5350MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)	
	30MHz ~ 5233.3MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)	18MHz-20MHz
	5233.3MHz ~ 5240MHz Limit $\leq 2.5 \sim 15.8 \mu\text{W/MHz}$ (-26 ~ -18 dBm/MHz)	
	5240MHz ~ 5249MHz Limit $\leq 15.8 \sim 100.0 \mu\text{W/MHz}$ (-18 ~ -10 dBm/MHz)	
	5249MHz ~ 5249.8MHz Limit $\leq 100.0 \sim 631.0 \mu\text{W/MHz}$ (-10 ~ -2 dBm/MHz)	
	5249.8 MHz ~ 5250 MHz Limit $\leq 631 \sim 2154.4 \mu\text{W/MHz}$ (-2 ~ 3.33dBm/MHz)	
	5350MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-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 $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)	OFDM
	5460MHz ~ 5470MHz Limit $\leq 12.5 \mu\text{W/MHz}$ (-19.03 dBm/MHz)	
	5745MHz ~ 5765MHz Limit $\leq 12.5 \mu\text{W/MHz}$ (-19.03 dBm/MHz)	
	5765MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-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 $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	5141.6MHz ~ 5150MHz Limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)
	5250MHz ~ 5251MHz Limit $\leq 500 \sim 50 \mu\text{W/MHz}$ (-3 ~ -13 dBm/MHz)
	5251MHz ~ 5270MHz Limit $\leq 50 \sim 7.9 \mu\text{W/MHz}$ (-13 ~ -21 dBm/MHz)
	5270MHz ~ 5278.4MHz Limit $\leq 7.9 \sim 2.5 \mu\text{W/MHz}$ (-21 ~ -26 dBm/MHz)
	5278.4MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
TX Spurious Emission (EIRP) For 40MHz systems -W53	30MHz ~ 5221.6MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	5221.6MHz ~ 5230MHz Limit $\leq 2.5 \sim 7.9 \mu\text{W/MHz}$ (-26 ~ -21 dBm/MHz)
	5230MHz ~ 5249MHz Limit $\leq 7.9 \sim 50 \mu\text{W/MHz}$ (-21 ~ -13 dBm/MHz)
	5249MHz ~ 5250MHz Limit $\leq 50 \sim 500 \mu\text{W/MHz}$ (-13 ~ -3 dBm/MHz)
	5350MHz ~ 5358.4MHz Limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)
	5358.4MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
TX Spurious Emission (EIRP) For 40MHz systems -W56	30MHz ~ 5460MHz Limit $\leq 12.5 \mu\text{W/MHz}$ (-19.03 dBm/MHz)
	5460MHz ~ 5470MHz Limit $\leq 50 \mu\text{W/MHz}$ (-13.01 dBm/MHz)
	5770MHz ~ 26000MHz Limit $\leq 12.5 \mu\text{W/MHz}$ (-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 $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	5123.2MHz ~ 5150MHz Limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)
	5250MHz ~ 5251MHz Limit $\leq 250 \sim 25 \mu\text{W/MHz}$ (-6 ~ -16 dBm/MHz)
	5251MHz ~ 5290MHz Limit $\leq 25 \sim 4.0 \mu\text{W/MHz}$ (-16 ~ -24 dBm/MHz)
	5290MHz ~ 5296.7MHz Limit $\leq 4.0 \sim 2.5 \mu\text{W/MHz}$ (-24 ~ -26 dBm/MHz)
	5296.7MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
TX Spurious Emission (EIRP) For 80MHz systems -W53	30MHz ~ 5203.3MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	5203.3MHz ~ 5210MHz Limit $\leq 2.5 \sim 4 \mu\text{W/MHz}$ (-26 ~ -24 dBm/MHz)
	5210MHz ~ 5249MHz Limit $\leq 4 \sim 25 \mu\text{W/MHz}$ (-24 ~ -16 dBm/MHz)
	5249MHz ~ 5250MHz Limit $\leq 25 \sim 250 \mu\text{W/MHz}$ (-16 ~ -6 dBm/MHz)
	5350MHz ~ 5376.8MHz Limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)
	5376.8MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
TX Spurious Emission (EIRP) For 80MHz systems -W56	30MHz ~ 5460MHz Limit $\leq 12.5 \mu\text{W/MHz}$ (-19.03 dBm/MHz)
	5460MHz ~ 5469.5MHz Limit $\leq 50 \mu\text{W/MHz}$ (-13.01 dBm/MHz)
	5469.5MHz ~ 5470MHz Limit $\leq 51.2 \mu\text{W/MHz}$ (-12.91dBm/MHz)
	5770MHz ~ 26000MHz Limit $\leq 12.5 \mu\text{W/MHz}$ (-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)	16	16	16	16	16
Note: The cable loss already includes antenna gain.					

3.3.2 SETTING

The following table is the setting of spectrum analyzer.

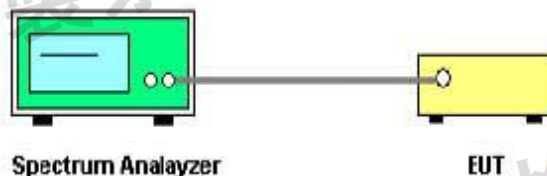
Spectrum Parameter	Setting
RBW / VBW	1MHz / 1MHz
Detector	Positive Peak
Trace	Max Hold
Sweep Time	Auto

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 ≤ 10 mW/MHz With TPC 40MHz systems ≤ 5 mW/MHz With TPC 80MHz systems ≤ 2.5 mW/MHz With TPC
EIRP - W56	20MHz systems ≤ 50 mW/MHz With TPC 40MHz systems ≤ 25 mW/MHz With TPC 80MHz systems ≤ 12.5 mW/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).

- Set spectrum analyzer with condition in section 3.4.2 Step 1 and tune reference level to observe receiving signal position.
- When the trace is complete, find the peak value of the power envelope and record the frequency.
- 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.
- 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.
- 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 $f \pm 20$ MHz (20MHz systems) $f \pm 40$ MHz (40MHz systems) $f \pm 80$ MHz (80MHz systems)
	≥ 40 dB $f \pm 40$ MHz (20MHz systems) $f \pm 80$ 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).

- EUT have transmitted the maximum modulation signal and fixed channelize.
- Set spectrum analyzer with condition in section 3.5.2 and tune reference level to observe receiving signal position.
- 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.
- SA set the Channel Power Function and Channel Bandwidth: 20MHz and Center Frequency: The center frequency of testing for EUT (Such as 5180MHz) ± 20 MHz. Then SA automatically calculate the first adjacent channel power of EUT and B is representative of this first adjacent channel power.
- SA set the Channel Power Function and Channel Bandwidth: 20MHz and Center Frequency: The center frequency of testing for EUT (Such as 5180MHz) ± 40 MHz. Then SA automatically calculate the second adjacent channel power of EUT and C is representative of this first adjacent channel power.
- 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)
	≤4nW (f<1GHz)
RX Spurious Emission	≤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)	3	3	3	3	3

3.6.2 SETTING

The following table is the setting of spectrum analyzer.

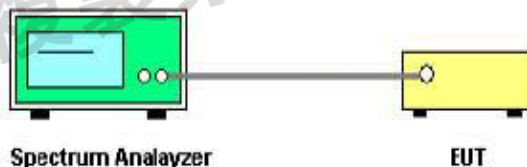
Spectrum Parameter	Setting
RBW / VBW	100 kHz / 100 kHz (30 MHz ~ 1000 MHz) 1MHz / 1MHz (Above 1000MHz)
Detector	Positive Peak
Trace	Max Hold
Sweep Time	Auto

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.

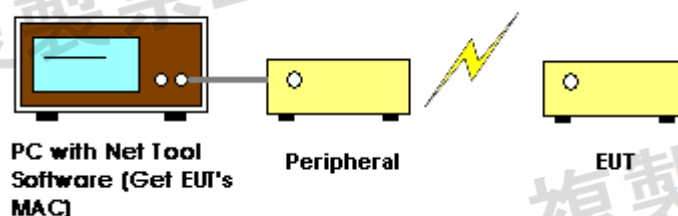
3.7.2 MEASURING ID CODE SOFTWARE

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

3.7.4 TEST SETUP LAYOUT**3.7.5 TEST DEVIATION**

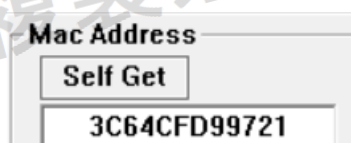
There is no deviation with the original standard.

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: [3C64CFD99721])



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.

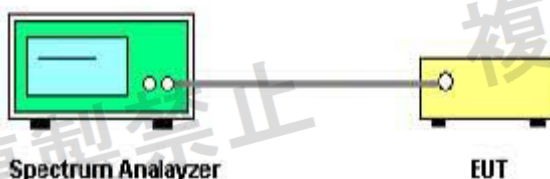
Spectrum Parameter	Setting
Span	0Hz
RBW / VBW	10MHz / 10MHz
Sweep	Single
Detector	Peak
Trigger mode	Video

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 performed transmission 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.

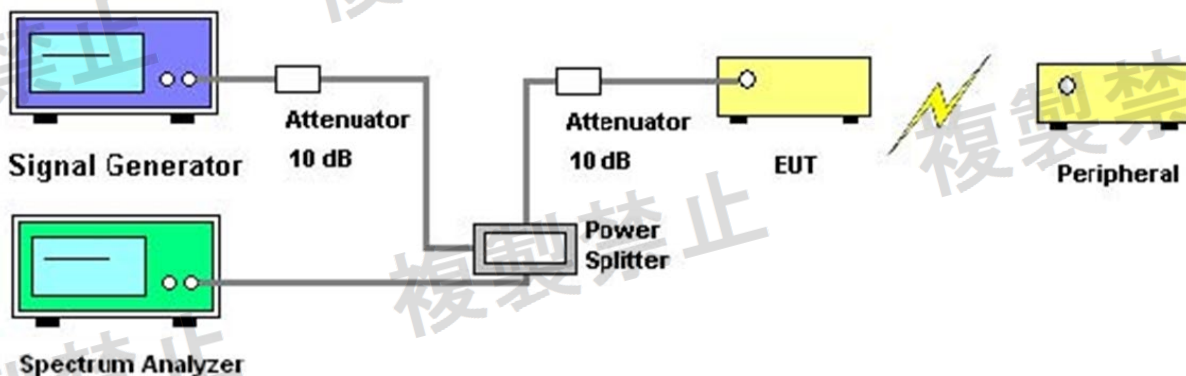
Spectrum Parameter	Setting
Span	20MHz systems: 20MHz 40MHz systems: 40MHz 80MHz systems: 80MHz
RBW / VBW	1MHz / 1MHz
Sweep	Continuous
Detector	Peak

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 $22.79 + Gr - 20 \cdot \log(f)$ [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 receiving 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.

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 glued 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)
Measurement Software	BTL	BTL Conducted Test	N/A	N/A	N/A	-
Isolation attenuator	Z-Link	ASMA-16-18-2W	N/A	N/A	N/A	-
Spectrum Analyzer	R&S	FSP40	100185	May 17, 2026	CEPREI Calibration and Testing Center	(c)
Multimeter	FLUKE	15B+(TR13)	45123773WS	May 17, 2026	CEPREI Calibration and Testing Center	(c)
DC Block	N/A	N/A	N/A	N/A	N/A	-
DC power supply	UNI-T	UDP6721	AWP72240500 31	Nov. 21, 2026	CEPREI Calibration and Testing Center	(c)
MXG Vector Signal Generator	Keysight	N5182B	MY57300318	Dec. 19, 2026	CEPREI Calibration and Testing Center	(c)
MXA Signal Analyzer	Keysight	N9010A	MY56480543	Dec. 19, 2026	CEPREI Calibration and Testing Center	(c)
Cable	RegalWay	RWP50-402-SM SM-2M	N/A	N/A	N/A	-
Cable	RegalWay	RWP50-402-SM SM-2M	N/A	N/A	N/A	-
Cable	RegalWay	RWP50-402-SM SM-1.5M	N/A	N/A	N/A	-
Cable	RegalWay	RWP50-402-SM SM-1M	N/A	N/A	N/A	-
Cable	RegalWay	RWP50-402-SM SM-1M	N/A	N/A	N/A	-
Cable	RegalWay	RWP50-402-SM SM-1.5M	N/A	N/A	N/A	-
Power Divider	RegalWay	RW-PD4-0118S F30	N/A	May 27, 2026	CEPREI Calibration and Testing Center	(c)
Power Divider	RegalWay	RW-PD2-0118S F30	N/A	May 27, 2026	CEPREI Calibration and Testing Center	(c)
WiFi Router	tplink	RE605X	N/A	N/A	N/A	-
Shielding box	JiaChen	JC-PB2015	PB201323103 78A	N/A	N/A	-
MXG Vector Signal Generator	Keysight	N5182B	MY57300318	Jan. 11, 2026	CEPREI Calibration and Testing Center	(c)
MXA Signal Analyzer	Keysight	N9010A	MY56480543	Jan. 11, 2026	CEPREI Calibration and Testing Center	(c)

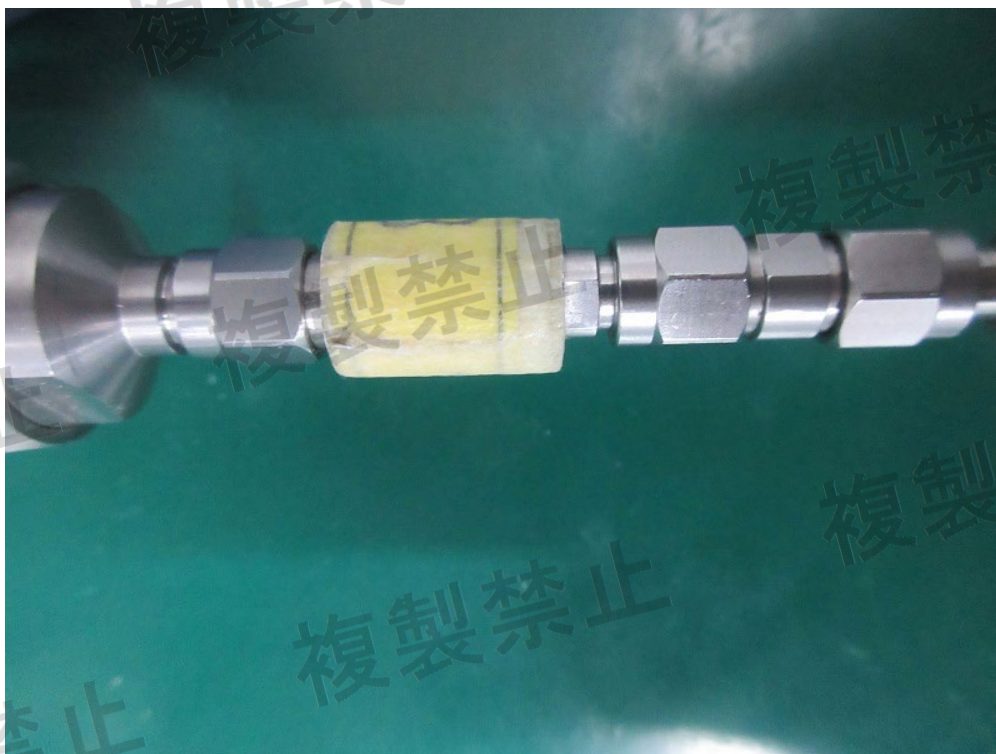
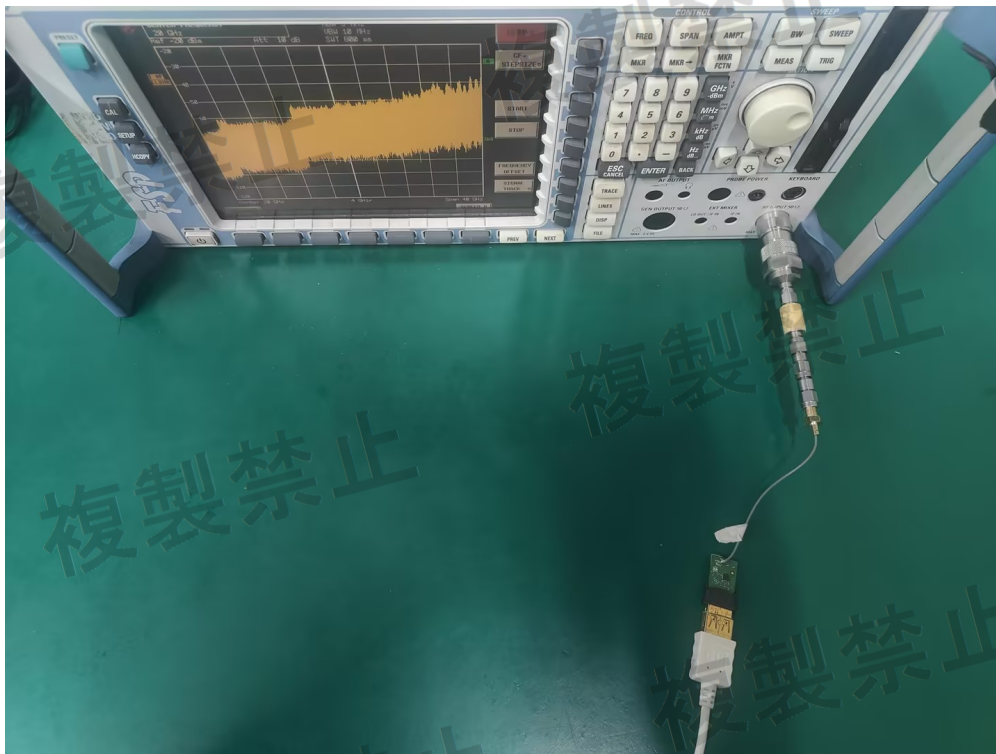
Remark:

- 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 countries except Japan, which 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 equipment listed in the above column of appended table No.3, which shall have been given any type of calibration, etc. listed above from (a) to (c). From JRL Article 24-2, paragraph 4, item 2.

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.

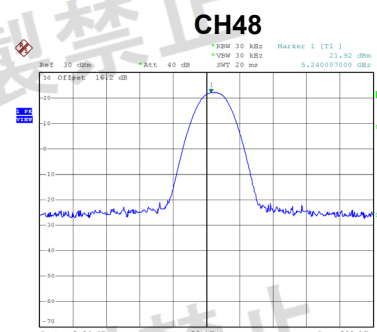
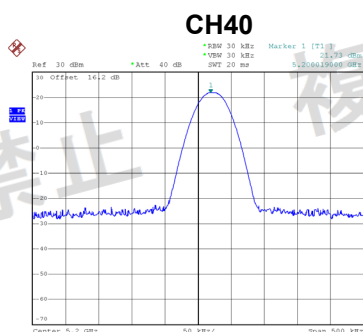
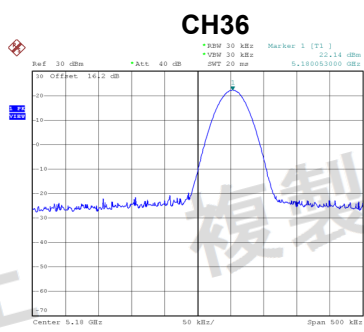
5. EUT TEST PHOTO



APPENDIX A - FREQUENCY TOLERANCE

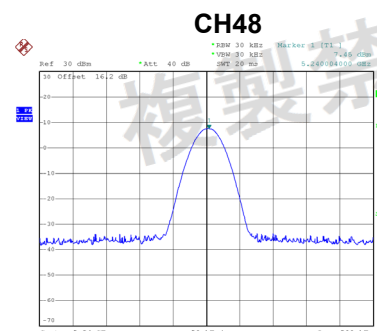
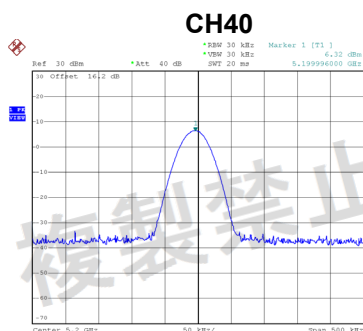
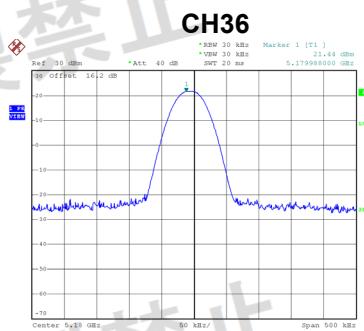
Test Mode: IEEE 802.11a - W52

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5180.0530	5200.0190	5240.0070	-
Frequency Tolerance (ppm)	+10.23	+3.65	+1.34	Limit: $-20 \leq \text{ppm} \leq 20$



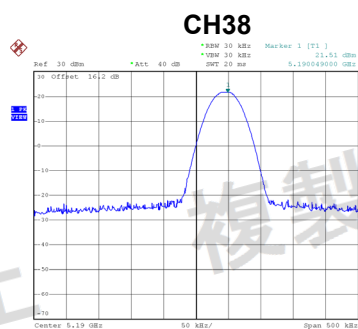
Test Mode: IEEE 802.11ac(VHT20) - W52

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5179.9880	5199.9960	5240.0040	-
Frequency Tolerance (ppm)	-2.32	-0.77	+0.76	Limit: $-20 \leq \text{ppm} \leq 20$

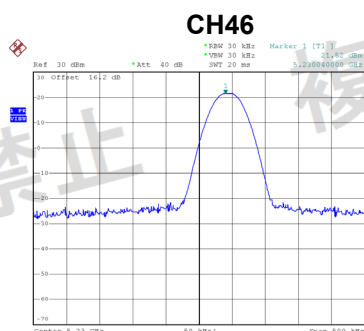


Test Mode: IEEE 802.11ac(VHT40) - W52

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5190	5230	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5190.0490	5230.0400	-
Frequency Tolerance (ppm)	+9.44	+7.65	Limit: $-20 \leq \text{ppm} \leq 20$



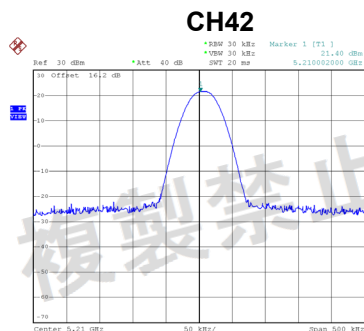
Date: 17.JAN.2026 15:22:33



Date: 17.JAN.2026 15:23:56

Test Mode: IEEE 802.11ac(VHT80) - W52

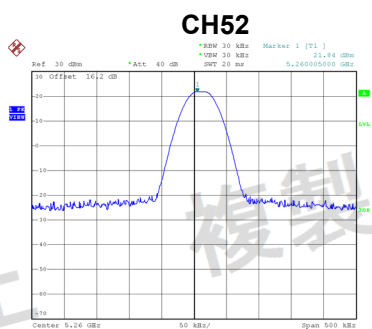
Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5210	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5210.0020	-
Frequency Tolerance (ppm)	+0.38	Limit: $-20 \leq \text{ppm} \leq 20$



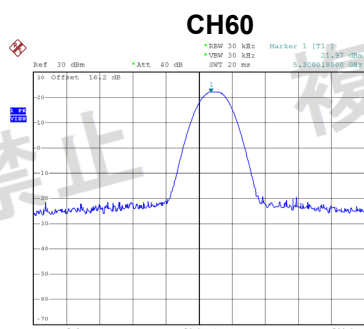
Date: 17.JAN.2026 15:26:46

Test Mode: IEEE 802.11a - W53

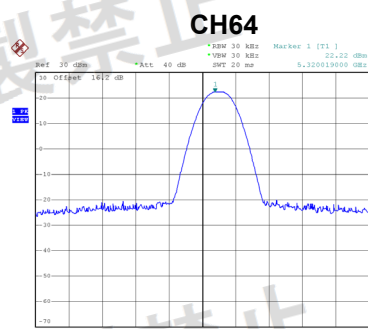
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5260.0050	5300.0180	5320.0190	-
Frequency Tolerance (ppm)	+0.95	+3.40	+3.57	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 17.JAN.2026 15:13:26



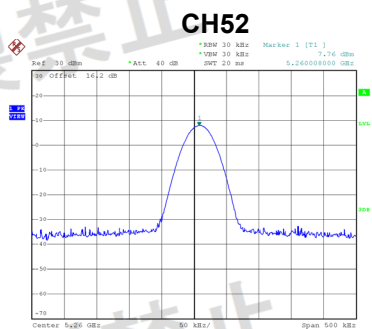
Date: 17.JAN.2026 15:13:44



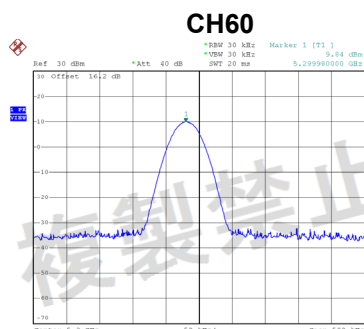
Date: 17.JAN.2026 15:14:03

Test Mode: IEEE 802.11ac(VHT20) - W53

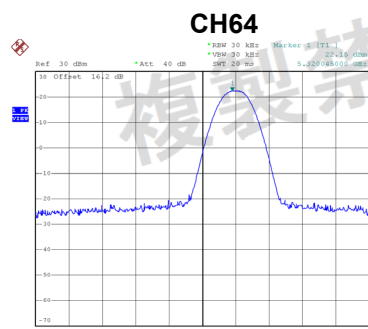
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5260.0080	5299.9800	5320.0450	-
Frequency Tolerance (ppm)	+1.52	-3.77	+8.46	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 17.JAN.2026 15:18:20



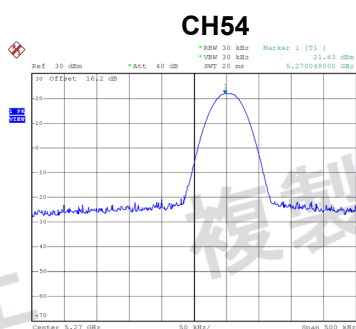
Date: 17.JAN.2026 15:18:47



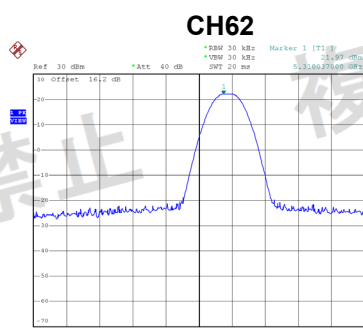
Date: 17.JAN.2026 15:19:59

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)	5270.0480	5310.0370	-
Frequency Tolerance (ppm)	+9.11	+6.97	Limit: $-20 \leq \text{ppm} \leq 20$



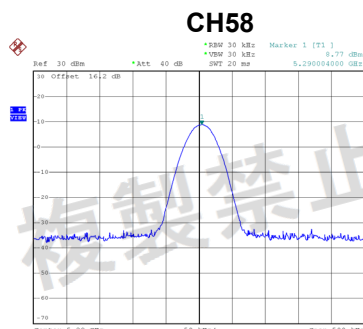
Date: 17.JAN.2026 15:24:55



Date: 17.JAN.2026 15:25:11

Test Mode: IEEE 802.11ac(VHT80) - W53

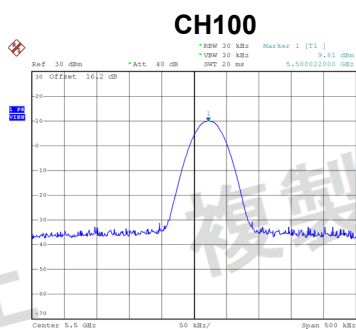
Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5290	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5290.0040	-
Frequency Tolerance (ppm)	+0.76	Limit: $-20 \leq \text{ppm} \leq 20$



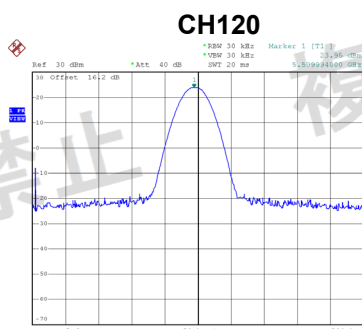
Date: 17.JAN.2026 15:27:00

Test Mode: IEEE 802.11a - W56

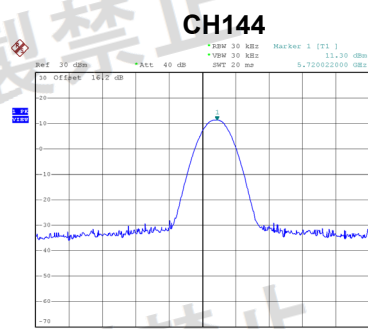
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5500.0220	5599.9940	5720.0220	-
Frequency Tolerance (ppm)	+4.00	-1.07	+3.85	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 17.JAN.2026 15:14:46



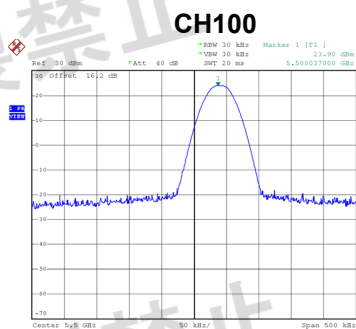
Date: 17.JAN.2026 15:15:07



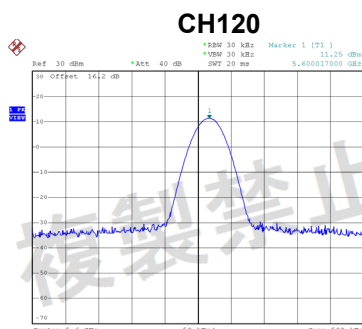
Date: 17.JAN.2026 15:15:56

Test Mode: IEEE 802.11ac(VHT20) - W56

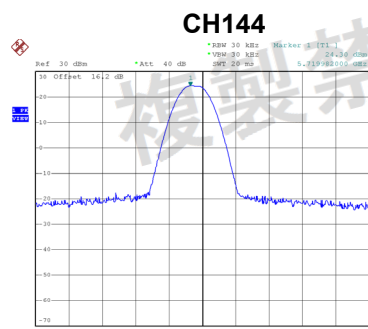
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5500.0370	5600.0170	5719.9820	-
Frequency Tolerance (ppm)	+6.73	+3.04	-3.15	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 17.JAN.2026 15:17:05



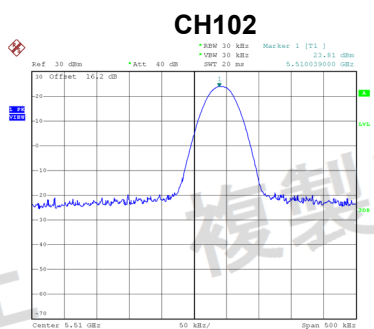
Date: 17.JAN.2026 15:20:35



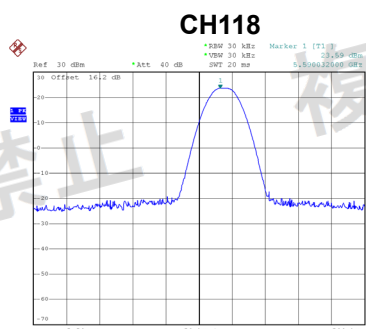
Date: 17.JAN.2026 15:20:53

Test Mode: IEEE 802.11ac(VHT40) - W56

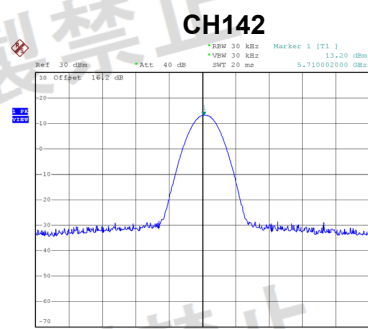
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5510	5590	5710	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5510.0390	5590.0320	5710.0020	-
Frequency Tolerance (ppm)	+7.08	+5.72	+0.35	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 17.JAN.2026 15:25:27



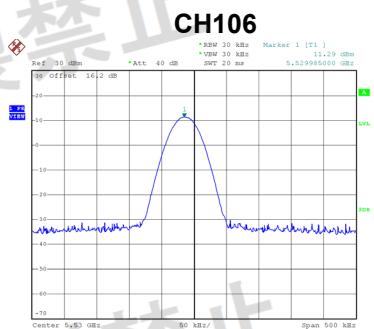
Date: 17.JAN.2026 15:25:47



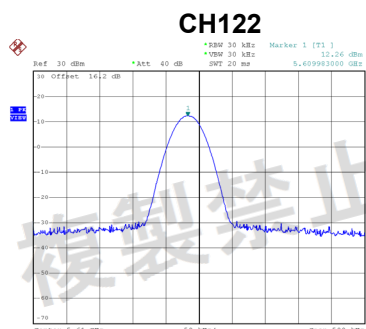
Date: 17.JAN.2026 15:26:10

Test Mode: IEEE 802.11ac(VHT80) - W56

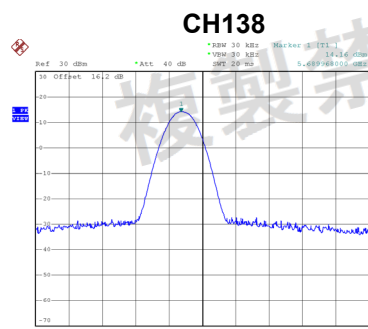
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5530	5610	5690	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5529.9850	5609.9830	5689.9680	-
Frequency Tolerance (ppm)	-2.71	-3.03	-5.62	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 17.JAN.2026 15:27:15



Date: 17.JAN.2026 15:27:36



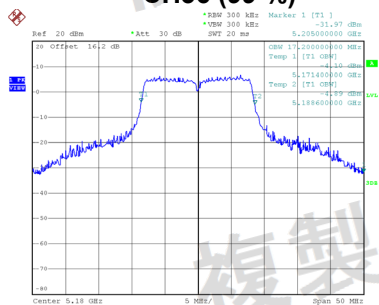
Date: 17.JAN.2026 15:27:53

APPENDIX B - OCCUPIED BANDWIDTH

Test Mode: IEEE 802.11a - W52

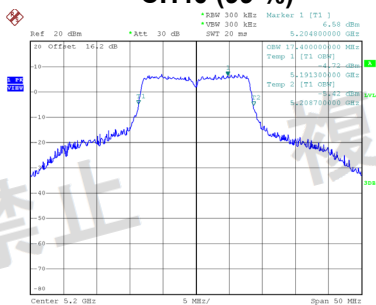
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	17.20	17.40	17.80	Limit $\leq$ 20 MHz

CH36 (99 %)



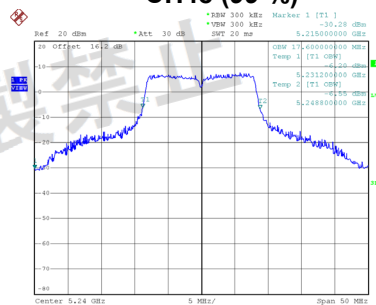
Date: 22.JAN.2026 16:22:17

CH40 (99 %)



Date: 22.JAN.2026 16:23:56

CH48 (99 %)

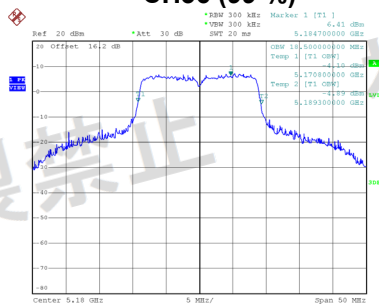


Date: 22.JAN.2026 16:20:20

Test Mode: IEEE 802.11ac(VHT20) - W52

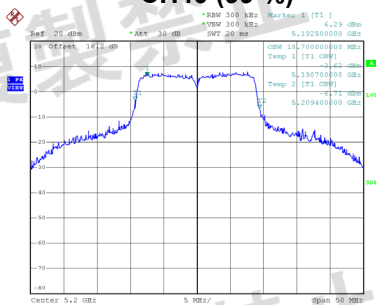
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	18.50	18.70	18.40	Limit $\leq$ 20 MHz

CH36 (99 %)



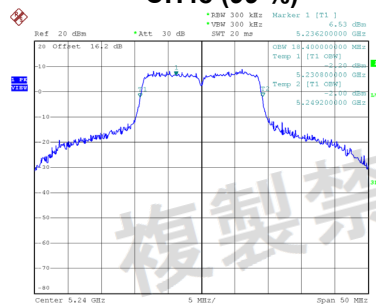
Date: 17.JAN.2026 11:49:48

CH40 (99 %)



Date: 17.JAN.2026 11:50:34

CH48 (99 %)

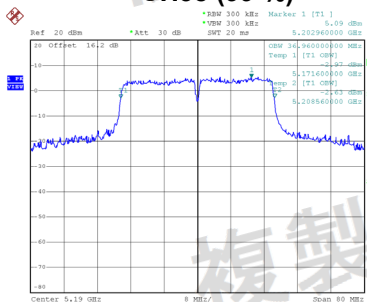


Date: 17.JAN.2026 11:51:55

Test Mode: IEEE 802.11ac(VHT40) - W52

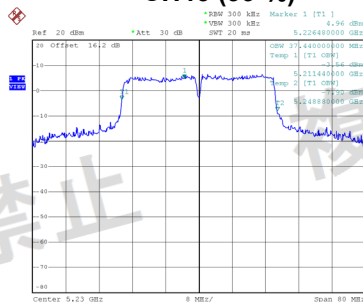
Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5190	5230	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	36.96	37.44	Limit ≤ 40 MHz

CH38 (99 %)



Date: 17.JAN.2026 13:19:44

CH46 (99 %)

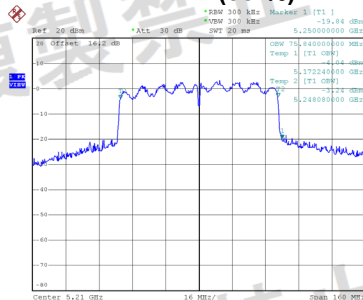


Date: 17.JAN.2026 13:20:20

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)	75.84	Limit ≤ 80 MHz

CH42 (99 %)

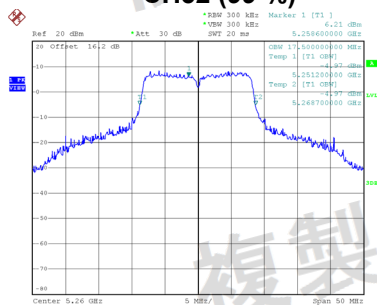


Date: 17.JAN.2026 13:26:07

Test Mode: IEEE 802.11a - W53

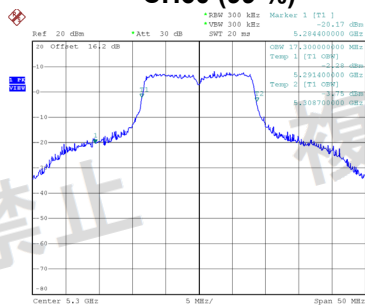
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	17.50	17.30	17.40	Limit $\leq$ 20 MHz

CH52 (99 %)



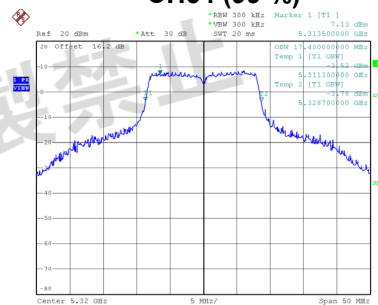
Date: 17.JAN.2026 11:33:51

CH60 (99 %)



Date: 17.JAN.2026 11:34:25

CH64 (99 %)

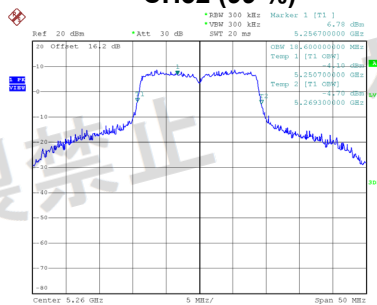


Date: 17.JAN.2026 11:34:45

Test Mode: IEEE 802.11ac(VHT20) - W53

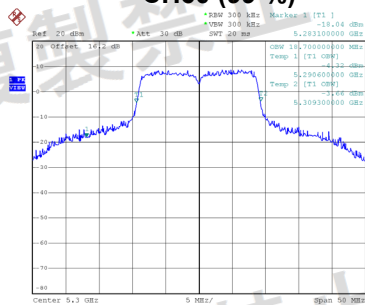
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	18.60	18.70	19.70	Limit $\leq$ 20 MHz

CH52 (99 %)



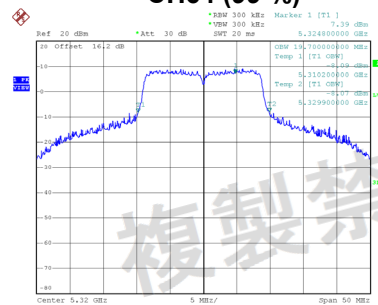
Date: 17.JAN.2026 11:52:19

CH60 (99 %)



Date: 17.JAN.2026 13:10:48

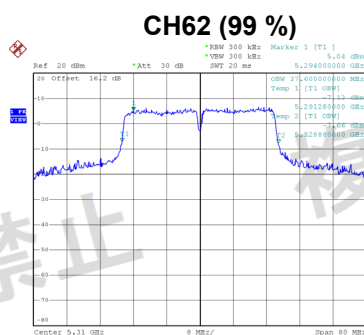
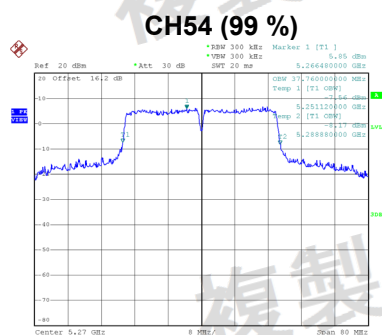
CH64 (99 %)



Date: 17.JAN.2026 13:11:07

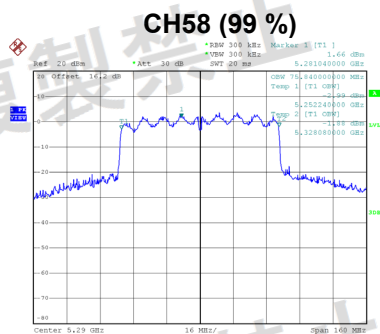
Test Mode:	IEEE 802.11ac(VHT40) - W53
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Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5270	5310	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	37.76	37.60	Limit ≤ 40 MHz



Test Mode:	IEEE 802.11ac(VHT80) - W53
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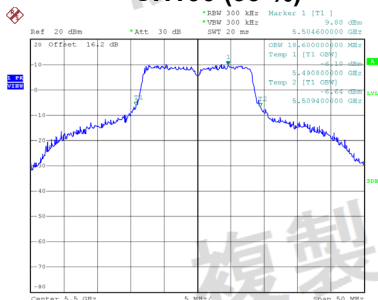
Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5290	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	75.84	Limit ≤ 80 MHz



Test Mode: IEEE 802.11a - W56

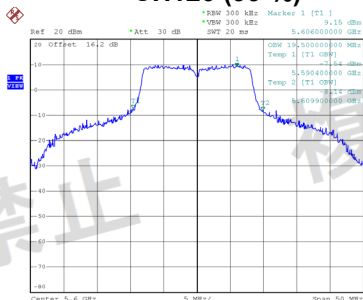
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	18.60	19.50	18.60	Limit ≤ 20 MHz

CH100 (99 %)



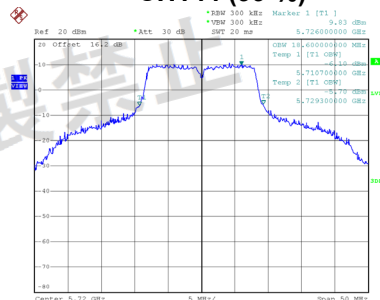
Date: 17.JAN.2026 11:42:22

CH120 (99 %)



Date: 17.JAN.2026 11:38:34

CH144 (99 %)

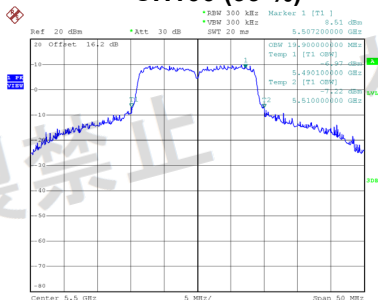


Date: 17.JAN.2026 11:36:52

Test Mode: IEEE 802.11ac(VHT20) - W56

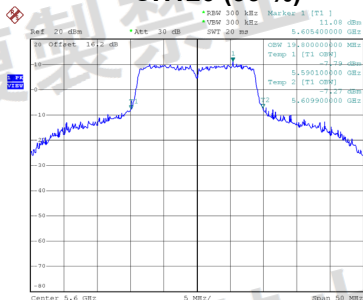
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	19.90	19.80	19.10	Limit ≤ 20 MHz

CH100 (99 %)



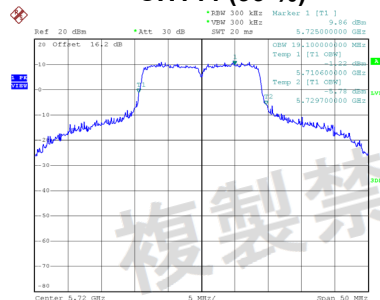
Date: 17.JAN.2026 13:12:36

CH120 (99 %)



Date: 17.JAN.2026 13:16:35

CH144 (99 %)

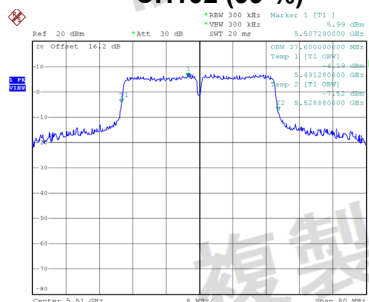


Date: 17.JAN.2026 13:17:26

Test Mode: IEEE 802.11ac(VHT40) - W56

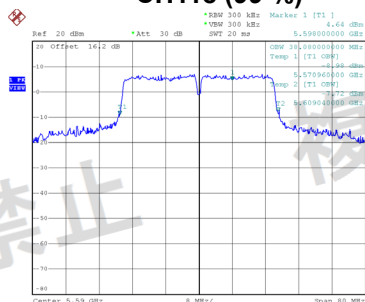
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5510	5590	5710	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	37.60	38.08	39.84	Limit ≤ 40 MHz

CH102 (99 %)



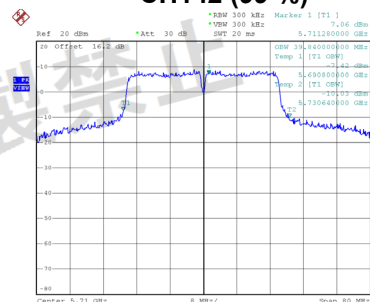
Date: 17.JAN.2026 13:23:05

CH118 (99 %)



Date: 17.JAN.2026 13:24:11

CH142 (99 %)

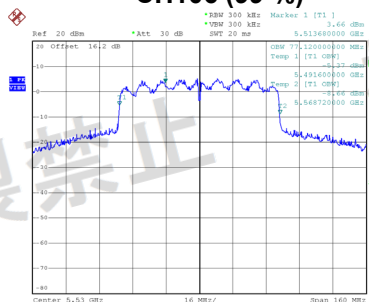


Date: 17.JAN.2026 13:25:23

Test Mode: IEEE 802.11ac(VHT80) - W56

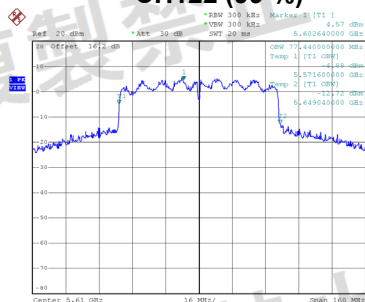
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5530	5610	5690	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	77.12	77.44	76.48	Limit ≤ 80 MHz

CH106 (99 %)



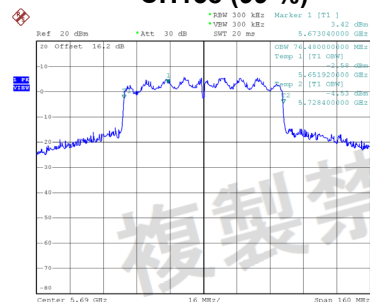
Date: 17.JAN.2026 13:27:56

CH122 (99 %)



Date: 17.JAN.2026 13:28:58

CH138 (99 %)



Date: 17.JAN.2026 13:29:40

APPENDIX C - UNWANTED EMISSION INTENSITY

Test Mode: IEEE 802.11a - W52

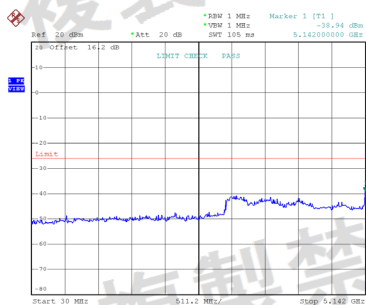
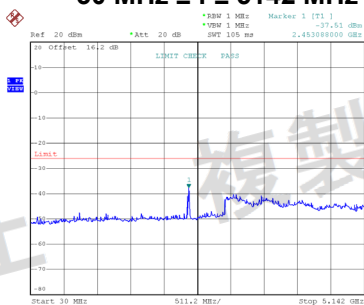
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5142.00	2453.08	3209.66	30MHz ~ 5142MHz
	dBm/MHz	-38.94	-37.51	-37.48	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.12764	0.17742	0.17865	(-26.02 dBm/MHz)
	MHz	5149.18	5147.86	5148.26	5142MHz ~ 5150MHz
	dBm/MHz	-30.93	-40.90	-39.40	Limit $\leq 15 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.80724	0.08128	0.11482	(-18.24 dBm/MHz)
	MHz	5250.99	5250.99	5250.99	5250MHz ~ 5251MHz
	dBm/MHz	-42.56	-37.10	-17.44	Limit $\leq 1000 \sim 100 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.05546	0.19498	18.03018	(0 ~ -10 dBm/MHz)
	MHz	5259.24	5259.46	5259.71	5251MHz ~ 5260MHz
	dBm/MHz	-41.30	-41.21	-25.79	Limit $\leq 100 \sim 15.8 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.07413	0.07568	2.63633	(-10 ~ -18 dBm/MHz)
	MHz	5266.31	5266.59	5264.48	5260MHz ~ 5266.7MHz
	dBm/MHz	-41.16	-43.05	-34.02	Limit $\leq 15.8 \sim 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.07656	0.04955	0.39628	(-18 ~ -26 dBm/MHz)
	MHz	5308.17	5266.70	5266.70	5266.7MHz ~ 26000MHz
	dBm/MHz	-48.52	-47.13	-34.62	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.01406	0.01936	0.34514	(-26.02 dBm/MHz)

Note:

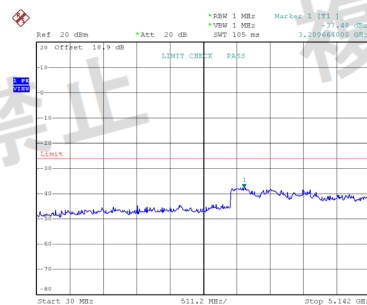
Explanation of Marker and ZeroSP test:

- 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.

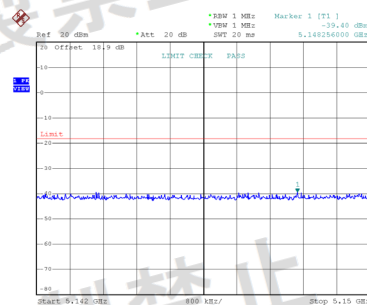
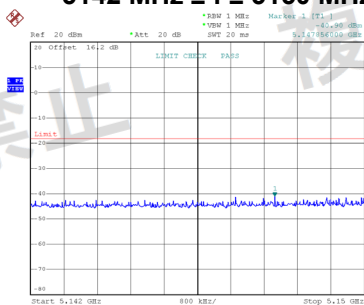
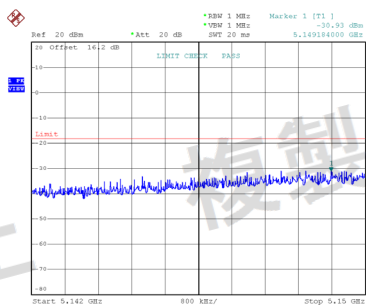
CH36

CH40
30 MHz ≤ f ≤ 5142 MHz

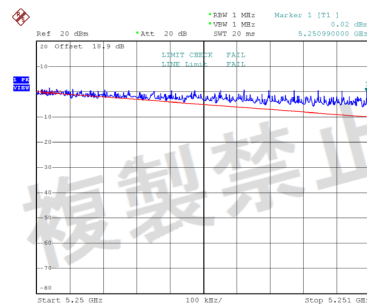
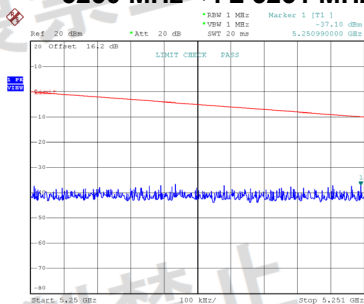
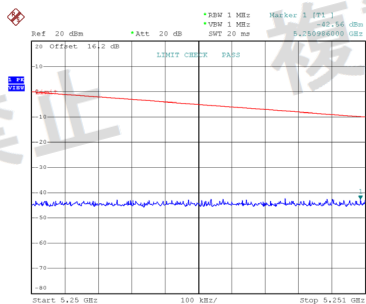
CH48



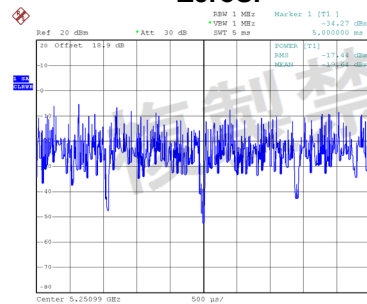
5142 MHz ≤ f ≤ 5150 MHz



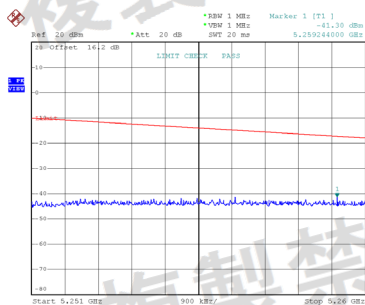
5250 MHz < f ≤ 5251 MHz



ZeroSP



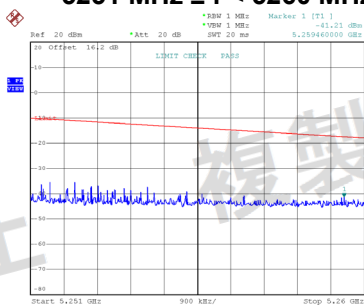
CH36



Date: 22.JAN.2026 16:33:33

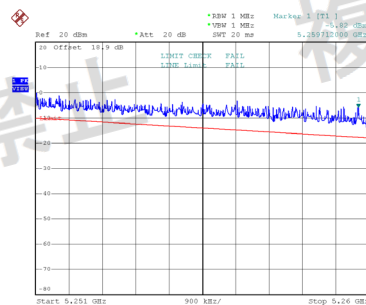
CH40

5251 MHz ≤ f < 5260 MHz



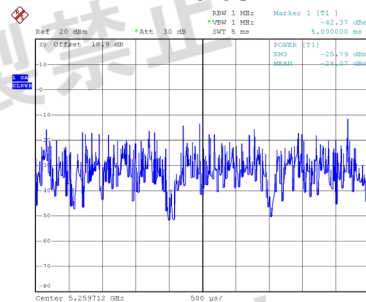
Date: 22.JAN.2026 16:25:20

CH48



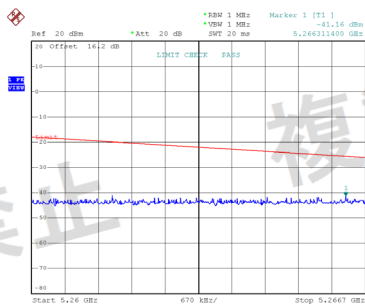
Date: 19.JAN.2026 11:38:51

ZeroSP

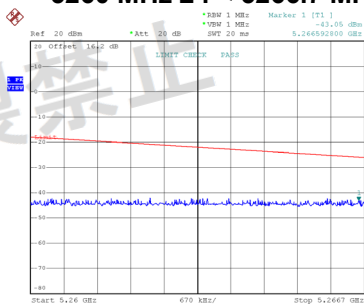


Date: 19.JAN.2026 11:38:56

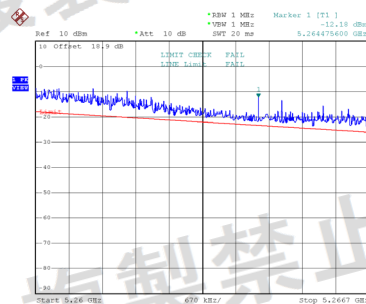
5260 MHz ≤ f < 5266.7 MHz



Date: 22.JAN.2026 16:33:39

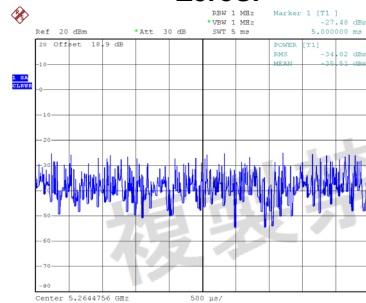


Date: 22.JAN.2026 16:25:26



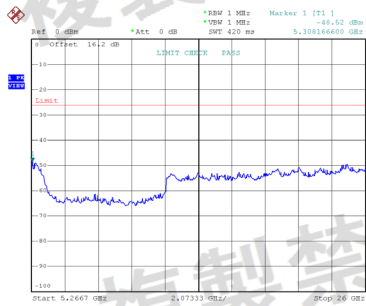
Date: 19.JAN.2026 11:39:03

ZeroSP



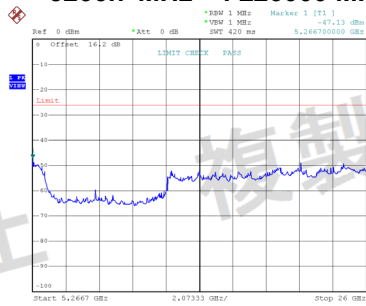
Date: 19.JAN.2026 11:39:08

CH36



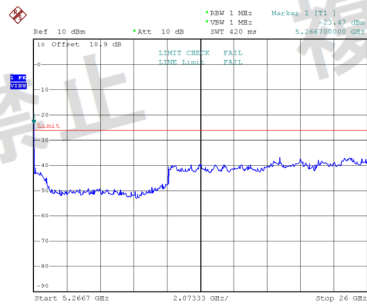
Date: 22.JAN.2026 16:33:56

CH40
5266.7 MHz < f ≤ 26000 MHz



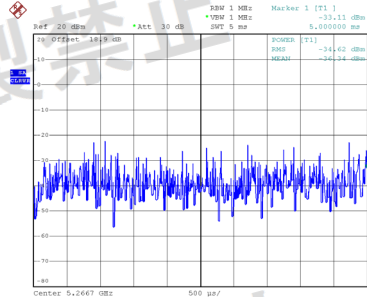
Date: 22.JAN.2026 16:25:37

CH48



Date: 19.JAN.2026 11:39:18

ZeroSP



Date: 19.JAN.2026 11:39:23

Test Mode:	IEEE 802.11ac(VHT20) - W52
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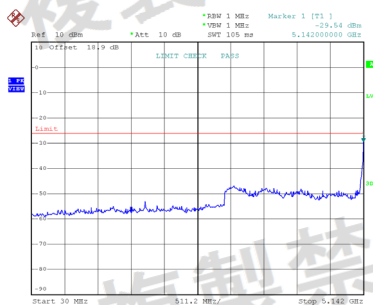
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5142.00	5142.00	5090.88	30MHz ~ 5142MHz
	dBm/MHz	-29.54	-40.39	-46.38	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.11173	0.09141	0.02301	(-26.02 dBm/MHz)
	MHz	5149.26	5148.72	5148.40	5142MHz ~ 5150MHz
	dBm/MHz	-21.82	-31.07	-41.35	Limit $\leq 15 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	6.57658	0.78163	0.07328	(-18.24 dBm/MHz)
	MHz	5250.17	5250.19	5250.19	5250MHz ~ 5250.2MHz
	dBm/MHz	-35.93	-29.85	-12.96	Limit $\leq 2154.4 \sim 631 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.25527	1.03514	50.58247	(3.33 ~ -2 dBm/MHz)
	MHz	5250.93	5250.93	5251.00	5250.2MHz ~ 5251MHz
	dBm/MHz	-36.46	-28.61	-17.29	Limit $\leq 631 \sim 100 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.22594	1.37721	18.66380	(-2 ~ -10 dBm/MHz)
	MHz	5258.74	5257.39	5259.50	5251MHz ~ 5260MHz
	dBm/MHz	-38.34	-32.76	-24.54	Limit $\leq 100 \sim 15.8 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.14655	0.52966	3.51560	(-10 ~ -18 dBm/MHz)
	MHz	5266.65	5261.77	5261.02	5260MHz ~ 5266.7MHz
	dBm/MHz	-41.19	-29.32	-26.51	Limit $\leq 15.8 \sim 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.07603	1.16950	2.23357	(-18 ~ -26 dBm/MHz)
	MHz	5639.90	5266.70	5266.70	5266.7MHz ~ 26000MHz
	dBm/MHz	-42.04	-39.94	-33.85	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.06252	0.10139	0.41210	(-26.02 dBm/MHz)

Note:

Explanation of Marker and ZeroSP test:

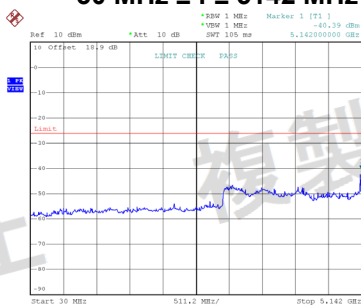
- 1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
- 2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH36



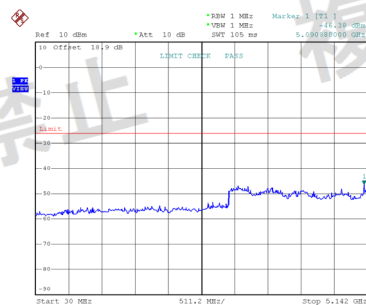
Date: 19.JAN.2026 13:22:26

CH40 30 MHz ≤ f ≤ 5142 MHz



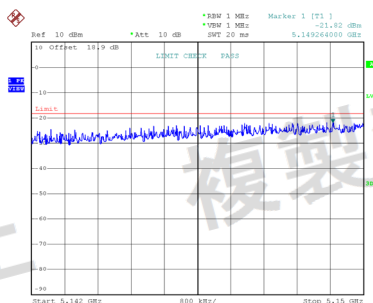
Date: 19.JAN.2026 13:27:51

CH48

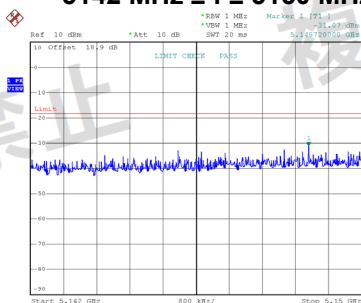


Date: 19.JAN.2026 13:29:40

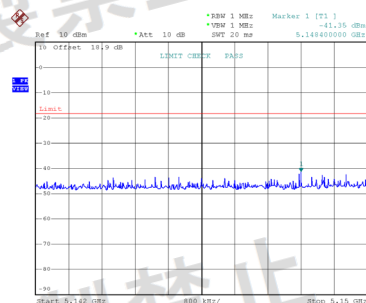
5142 MHz ≤ f ≤ 5150 MHz



Date: 19.JAN.2026 13:23:32

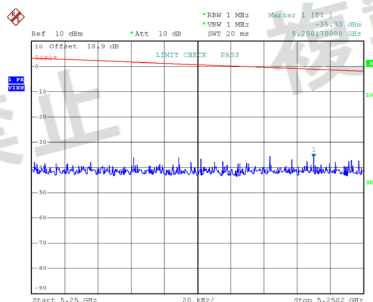


Date: 19.JAN.2026 13:27:57

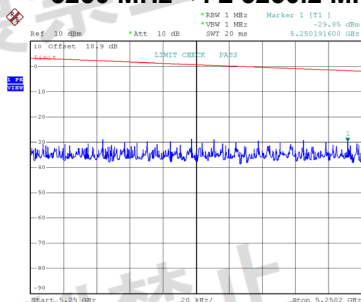


Date: 19.JAN.2026 13:29:46

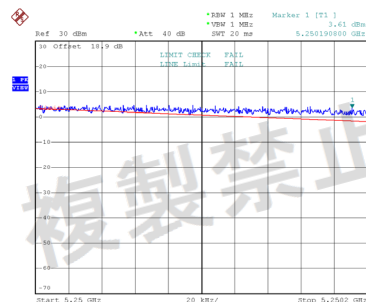
5250 MHz < f ≤ 5250.2 MHz



Date: 19.JAN.2026 13:23:37

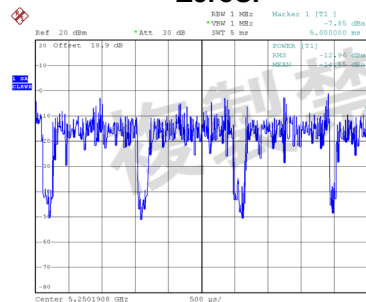


Date: 19.JAN.2026 13:28:02



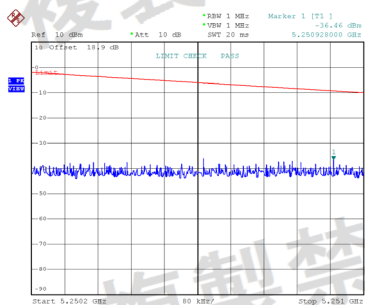
Date: 19.JAN.2026 13:29:52

ZeroSP

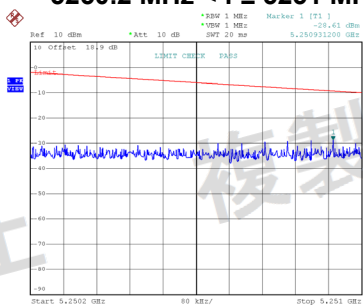


Date: 19.JAN.2026 13:29:57

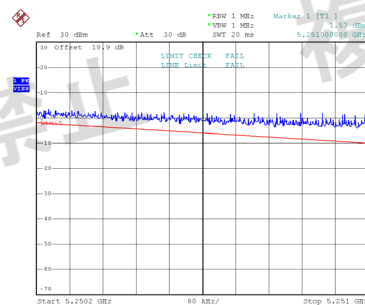
CH36



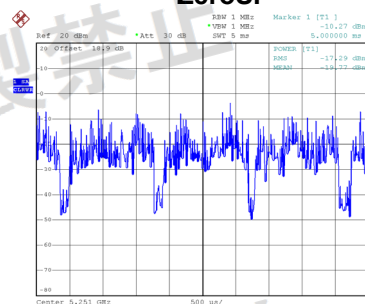
CH40
5250.2 MHz < f ≤ 5251 MHz



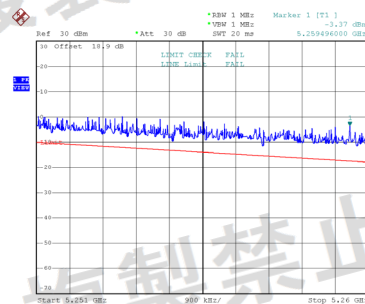
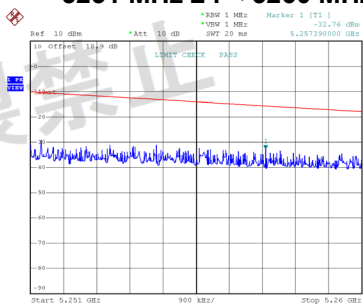
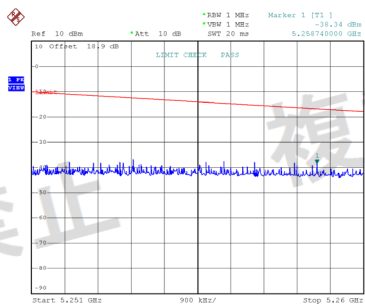
CH48



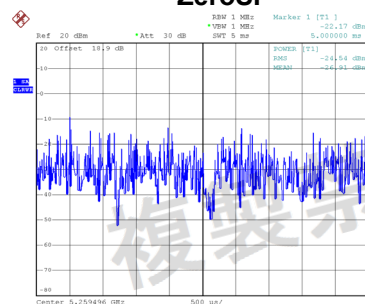
ZeroSP



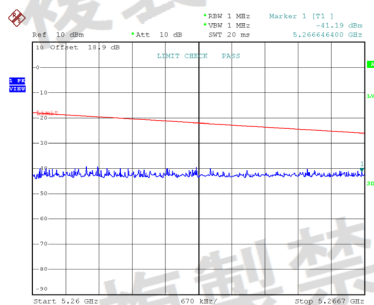
5251 MHz ≤ f < 5260 MHz



ZeroSP



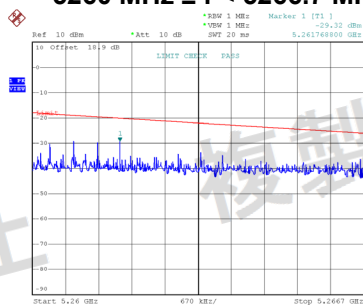
CH36



Date: 19.JAN.2026 13:22:36

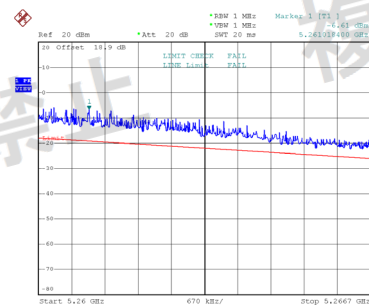
CH40

5260 MHz ≤ f < 5266.7 MHz



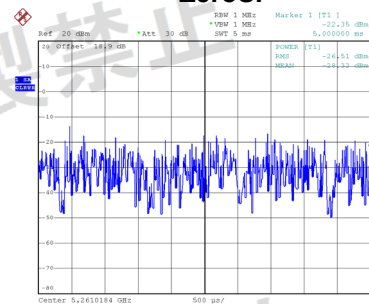
Date: 19.JAN.2026 13:28:21

CH48



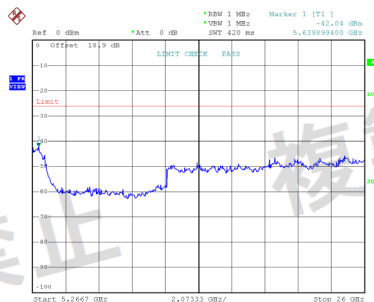
Date: 19.JAN.2026 13:30:27

ZeroSP

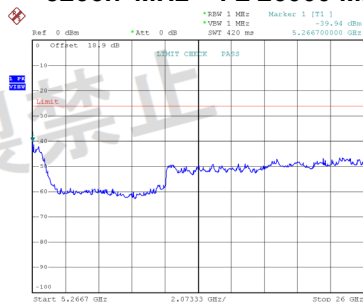


Date: 19.JAN.2026 13:30:32

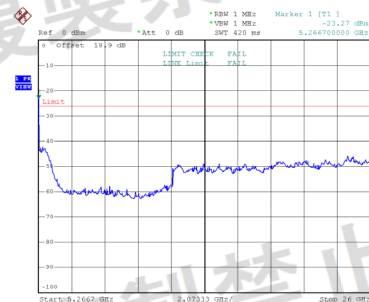
5266.7 MHz < f ≤ 26000 MHz



Date: 19.JAN.2026 13:24:06

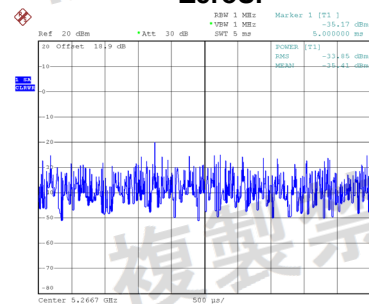


Date: 19.JAN.2026 13:28:32



Date: 19.JAN.2026 13:30:43

ZeroSP



Date: 19.JAN.2026 13:30:48

Test Mode: IEEE 802.11ac(VHT40) - W52

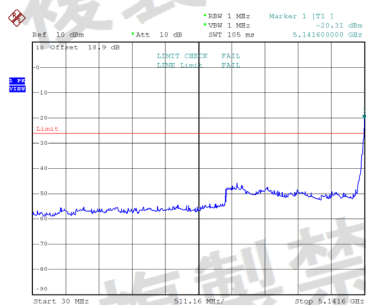
Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5190	5230	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5141.60	5131.38	30MHz ~ 5141.6MHz
	dBm/MHz	-34.57	-34.82	Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	$\mu\text{W/MHz}$	0.34914	0.32961	
	MHz	5149.87	5147.55	5141.6MHz ~ 5150MHz
	dBm/MHz	-30.39	-29.34	Limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)
	$\mu\text{W/MHz}$	0.91411	1.16413	
	MHz	5250.99	5250.99	5250MHz ~ 5251MHz
	dBm/MHz	-22.68	-20.13	Limit $\leq 500 \sim 50 \mu\text{W/MHz}$ (-3 ~ -13 dBm/MHz)
	$\mu\text{W/MHz}$	5.39511	9.70510	
	MHz	5259.06	5269.85	5251MHz ~ 5270MHz
	dBm/MHz	-22.10	-26.29	Limit $\leq 50 \sim 7.9 \mu\text{W/MHz}$ (-13 ~ -21 dBm/MHz)
	$\mu\text{W/MHz}$	6.16595	2.34963	
	MHz	5278.32	5276.62	5270MHz ~ 5278.4MHz
	dBm/MHz	-29.18	-29.95	Limit $\leq 7.9 \sim 2.5 \mu\text{W/MHz}$ (-21 ~ -26 dBm/MHz)
	$\mu\text{W/MHz}$	1.20781	1.01158	
	MHz	5278.40	5278.40	5278.4MHz ~ 26000MHz
	dBm/MHz	-34.16	-29.83	Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	$\mu\text{W/MHz}$	0.38371	1.03992	

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.

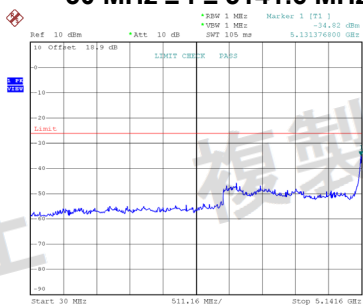
CH38



Date: 19.JAN.2026 13:49:46

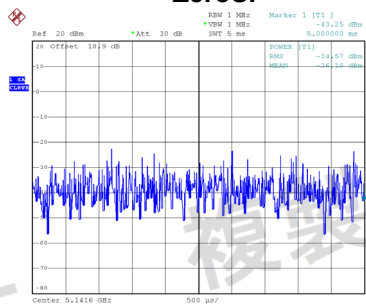
CH46

30 MHz ≤ f ≤ 5141.6 MHz



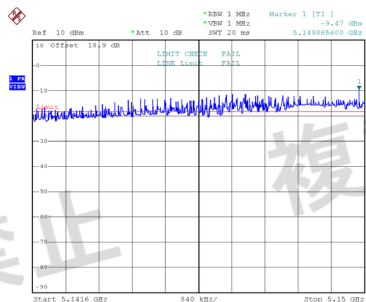
Date: 19.JAN.2026 13:52:19

ZeroSP

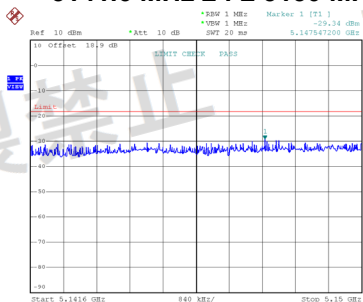


Date: 19.JAN.2026 13:49:47

5141.6 MHz ≤ f ≤ 5150 MHz

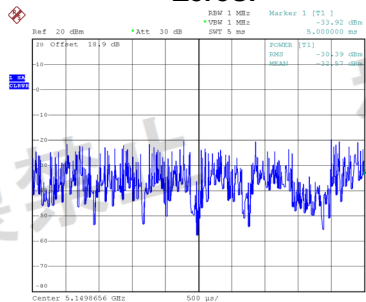


Date: 19.JAN.2026 13:49:54



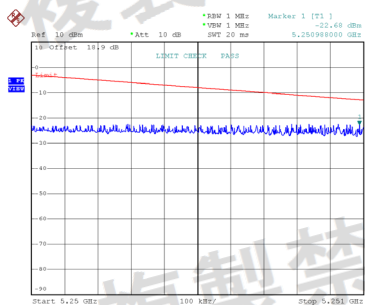
Date: 19.JAN.2026 13:52:25

ZeroSP



Date: 19.JAN.2026 13:49:59

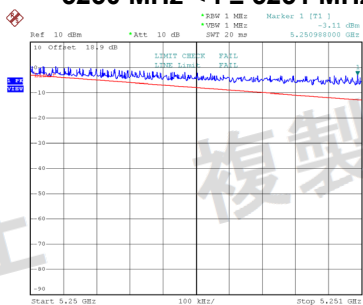
CH38



Date: 19.JAN.2026 13:50:06

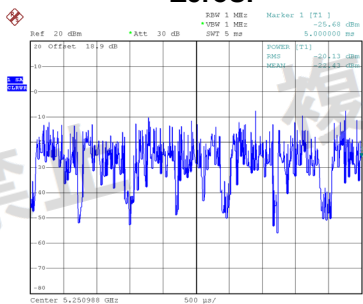
CH46

5250 MHz < f ≤ 5251 MHz



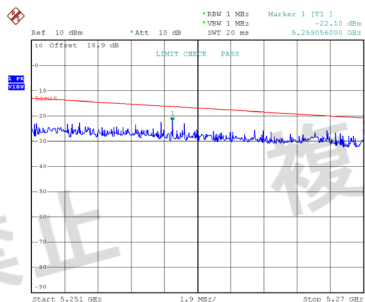
Date: 19.JAN.2026 13:52:31

ZeroSP

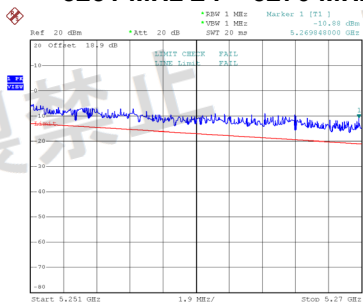


Date: 19.JAN.2026 13:52:36

5251 MHz ≤ f < 5270 MHz

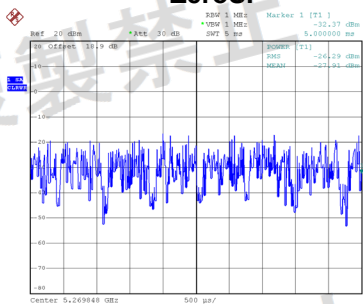


Date: 19.JAN.2026 13:50:12



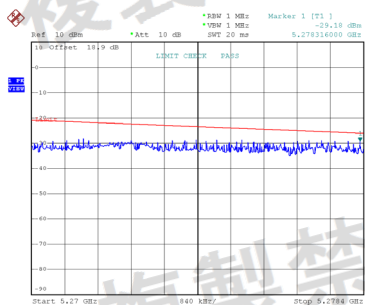
Date: 19.JAN.2026 13:52:42

ZeroSP



Date: 19.JAN.2026 13:52:47

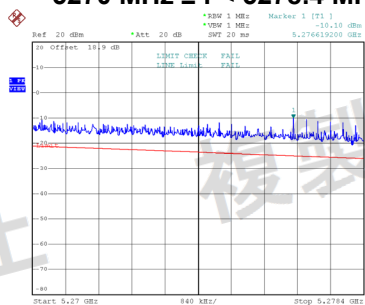
CH38



Date: 19.JAN.2026 13:50:18

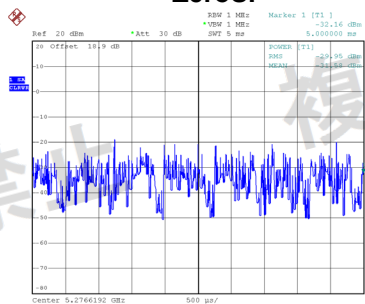
CH46

5270 MHz ≤ f < 5278.4 MHz



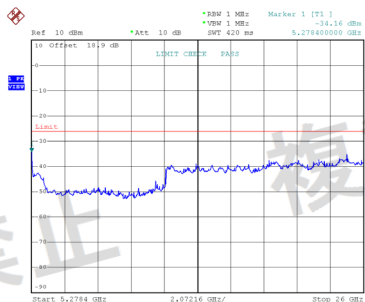
Date: 19.JAN.2026 13:52:54

ZeroSP



Date: 19.JAN.2026 13:52:59

5278.4 MHz < f ≤ 26000 MHz

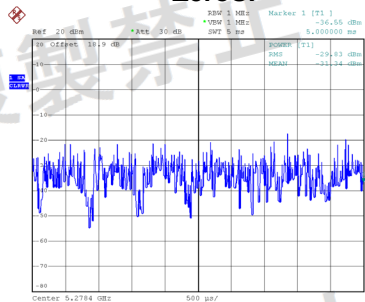


Date: 19.JAN.2026 13:50:29



Date: 19.JAN.2026 13:53:10

ZeroSP



Date: 19.JAN.2026 13:53:15

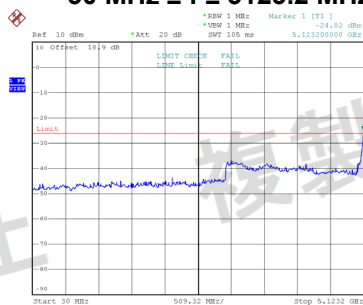
Test Mode: IEEE 802.11ac(VHT80) - W52

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
	dBm/MHz	-36.39	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.22961	(-26.02 dBm/MHz)
	MHz	5148.07	5123.2MHz ~ 5150MHz
	dBm/MHz	-30.20	Limit $\leq 15 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.95499	(-18.24 dBm/MHz)
	MHz	5250.98	5250MHz ~ 5251MHz
	dBm/MHz	-24.29	Limit $\leq 250 \sim 25 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	3.72392	(-6 ~ -16 dBm/MHz)
	MHz	5285.87	5251MHz ~ 5290MHz
	dBm/MHz	-30.23	Limit $\leq 25 \sim 4.0 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.94842	(-16 ~ -24 dBm/MHz)
	MHz	5293.19	5290MHz ~ 5296.7MHz
	dBm/MHz	-31.19	Limit $\leq 4.0 \sim 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.76033	(-24 ~ -26 dBm/MHz)
	MHz	5296.70	5296.7MHz ~ 26000MHz
	dBm/MHz	-31.58	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.69502	(-26.02 dBm/MHz)

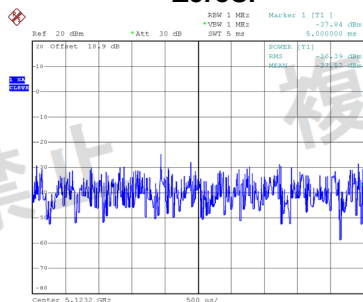
Note:

Explanation of Marker and ZeroSP test:

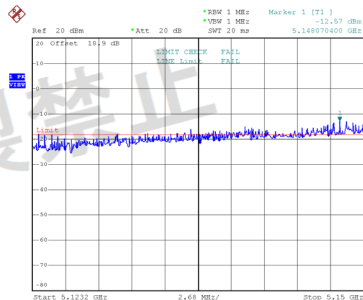
- 1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
- 2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH42
 $30 \text{ MHz} \leq f \leq 5123.2 \text{ MHz}$ 

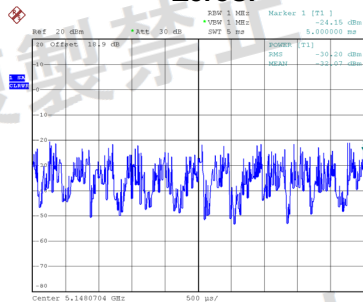
Date: 19.JAN.2026 14:18:45

ZeroSP

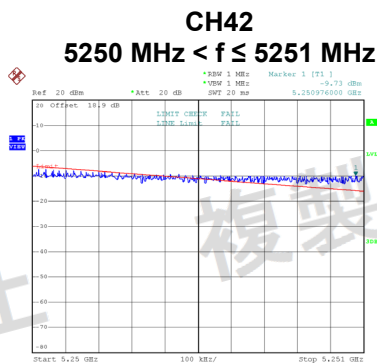
Date: 19.JAN.2026 14:18:50

 $5123.2 \text{ MHz} \leq f \leq 5150 \text{ MHz}$ 

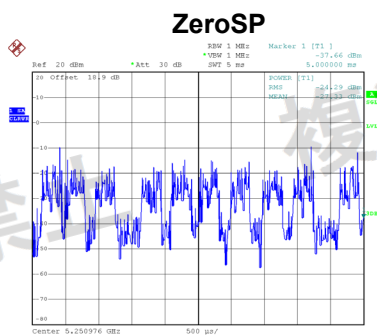
Date: 19.JAN.2026 14:18:57

ZeroSP

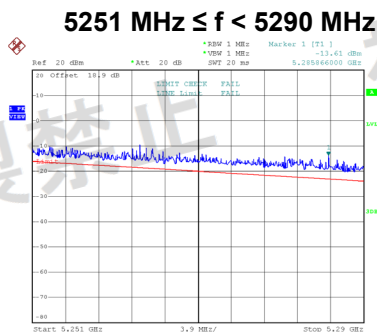
Date: 19.JAN.2026 14:19:02



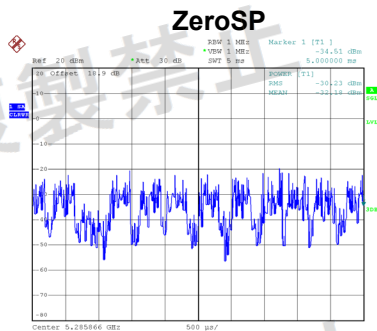
Date: 19.JAN.2026 14:19:09



Date: 19.JAN.2026 14:19:14

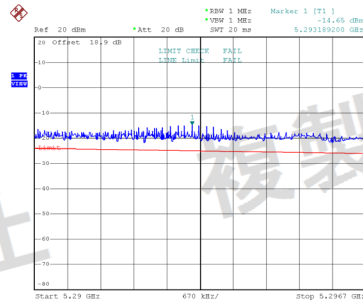


Date: 19.JAN.2026 14:19:21



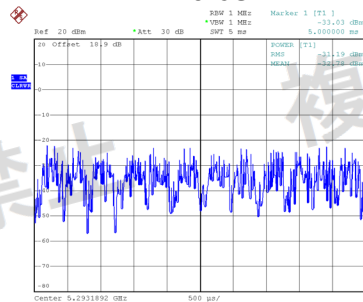
Date: 19.JAN.2026 14:19:26

CH42 5290 MHz $\leq f < 5296.7$ MHz



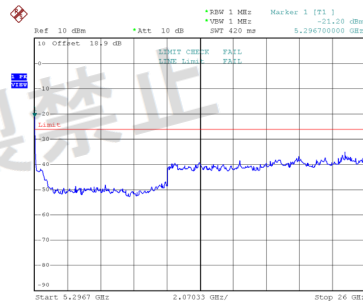
Date: 19.JAN.2026 14:19:33

ZeroSP



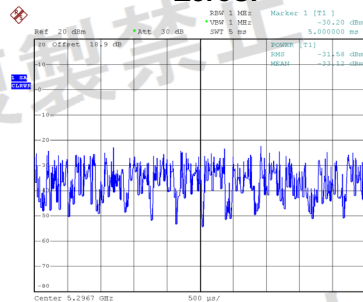
Date: 19.JAN.2026 14:19:38

5296.7 MHz $< f \leq 26000$ MHz



Date: 19.JAN.2026 14:19:48

ZeroSP



Date: 19.JAN.2026 14:19:54

Test Mode: IEEE 802.11a - W53

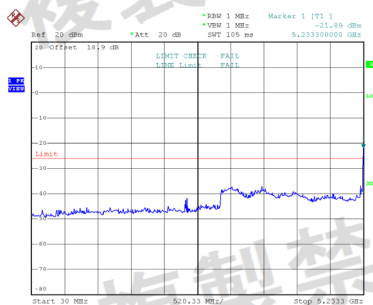
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5233.30	3256.05	3630.68	30MHz ~ 5233.3MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	dBm/MHz	-36.18	-37.27	-37.13	
	$\mu\text{W/MHz}$	0.24099	0.18750	0.19364	
	MHz	5239.33	5233.62	5234.51	5233.3MHz ~ 5240MHz Limit $\leq 2.5 \sim 15.8 \mu\text{W/MHz}$ (-26 ~ -18dBm/MHz)
	dBm/MHz	-29.18	-29.36	-36.14	
	$\mu\text{W/MHz}$	1.20781	1.15878	0.24322	
	MHz	5244.12	5240.27	5240.05	5240MHz ~ 5249MHz Limit $\leq 15.8 \sim 100 \mu\text{W/MHz}$ (-18 ~ -10 dBm/MHz)
	dBm/MHz	-22.20	-35.67	-37.28	
	$\mu\text{W/MHz}$	6.02560	0.27102	0.18707	
	MHz	5249.01	5249.02	5249.01	5249MHz ~ 5250MHz Limit $\leq 100 \sim 1000 \mu\text{W/MHz}$ (-10 ~ 0 dBm/MHz)
	dBm/MHz	-18.04	-31.46	-35.42	
	$\mu\text{W/MHz}$	15.70363	0.71450	0.28708	
	MHz	5391.30	5350.00	5350.00	5350MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	dBm/MHz	-42.36	-33.84	-35.01	
	$\mu\text{W/MHz}$	0.05808	0.41305	0.31550	

Note:

Explanation of Marker and ZeroSP test:

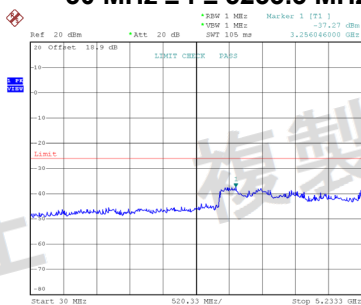
- 1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
- 2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH52



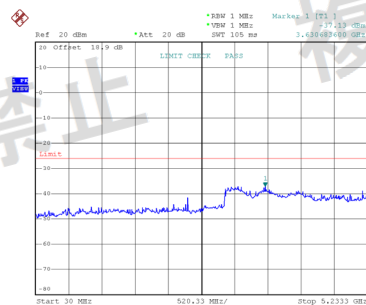
Date: 19.JAN.2026 11:42:49

CH60 30 MHz ≤ f ≤ 5233.3 MHz



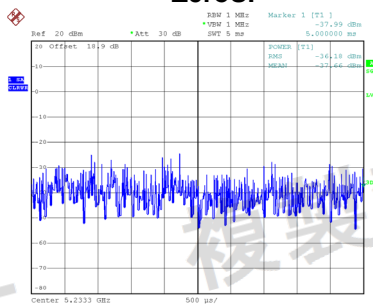
Date: 19.JAN.2026 11:45:54

CH64



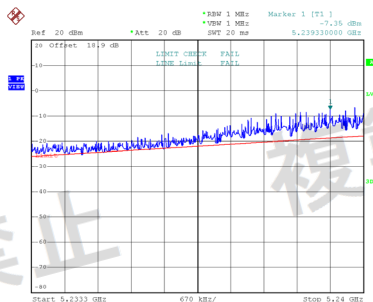
Date: 19.JAN.2026 11:53:45

ZeroSP

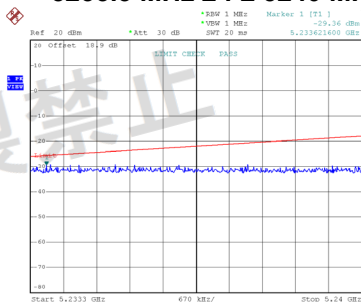


Date: 19.JAN.2026 11:42:54

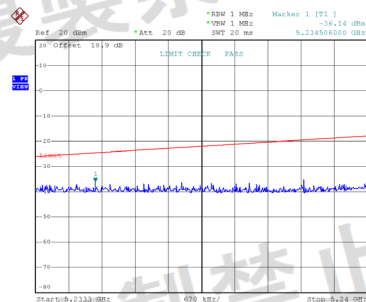
5233.3 MHz ≤ f ≤ 5240 MHz



Date: 19.JAN.2026 11:43:01

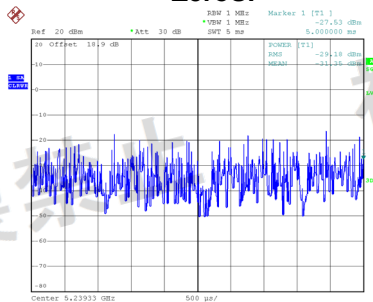


Date: 19.JAN.2026 11:46:00



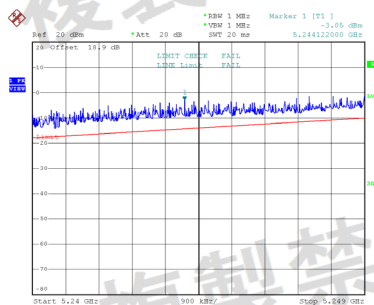
Date: 19.JAN.2026 11:53:52

ZeroSP



Date: 19.JAN.2026 11:43:06

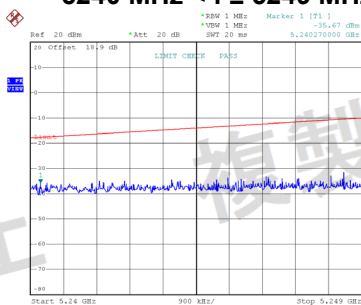
CH52



Date: 19.JAN.2026 11:43:13

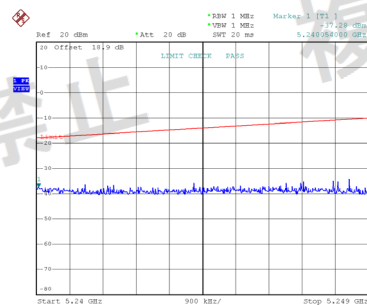
CH60

5240 MHz < f ≤ 5249 MHz



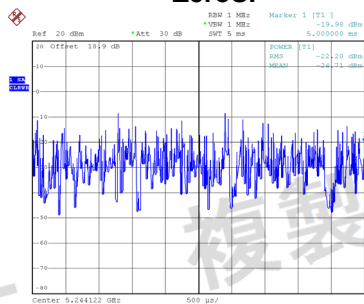
Date: 19.JAN.2026 11:46:06

CH64



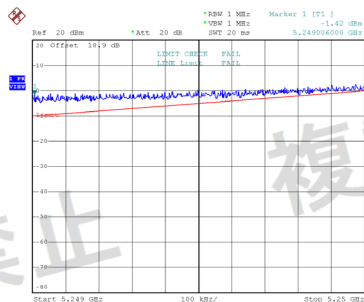
Date: 19.JAN.2026 11:53:58

ZeroSP

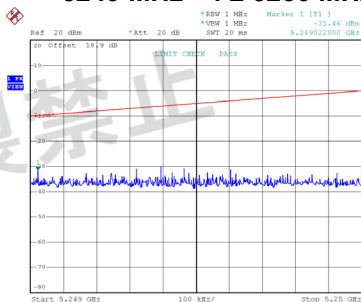


Date: 19.JAN.2026 11:43:18

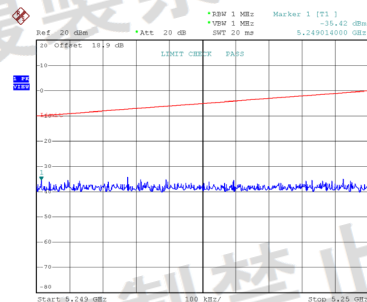
5249 MHz < f ≤ 5250 MHz



Date: 19.JAN.2026 11:43:24

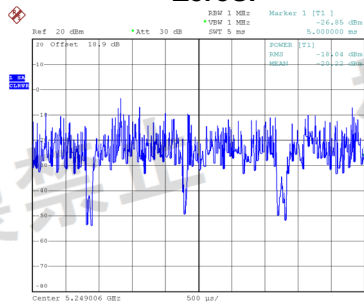


Date: 19.JAN.2026 11:46:13



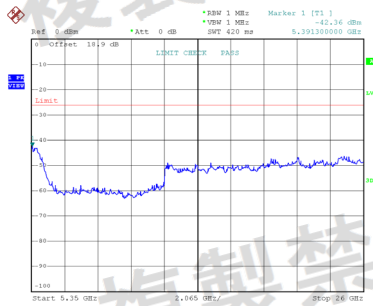
Date: 19.JAN.2026 11:54:04

ZeroSP



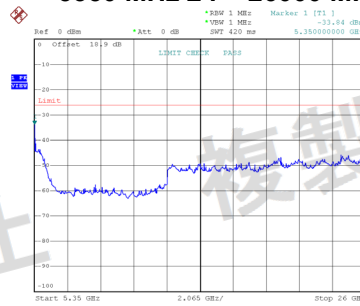
Date: 19.JAN.2026 11:43:29

CH52



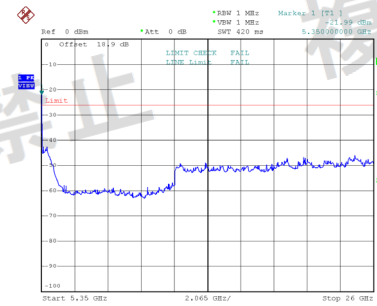
Date: 19.JAN.2026 11:43:40

CH60
5350 MHz ≤ f < 26000 MHz



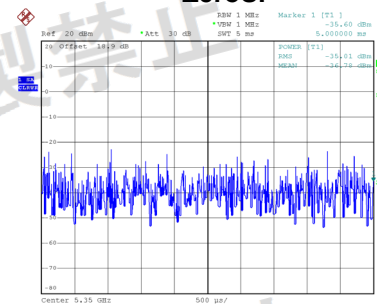
Date: 19.JAN.2026 11:46:22

CH64



Date: 19.JAN.2026 11:54:12

ZeroSP



Date: 19.JAN.2026 11:54:17

Test Mode: IEEE 802.11ac(VHT20) - W53

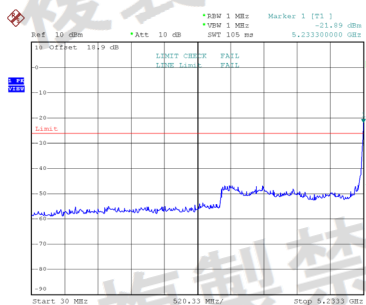
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5233.30	5233.30	5233.30	30MHz ~ 5233.3MHz
	dBm/MHz	-34.33	-38.49	-40.80	Limit ≤ 2.5 μW/MHz
	μW/MHz	0.36898	0.14158	0.08318	(-26.02 dBm/MHz)
	MHz	5239.72	5235.42	5234.32	5233.3MHz ~ 5240MHz
	dBm/MHz	-24.73	-34.65	-38.04	Limit ≤ 2.5 ~ 15.8 μW/MHz
	μW/MHz	3.36512	0.34277	0.15704	(-26 ~ -18dBm/MHz)
	MHz	5241.75	5240.25	5241.37	5240MHz ~ 5249MHz
	dBm/MHz	-23.48	-33.00	-34.47	Limit ≤ 15.8 ~ 100 μW/MHz
	μW/MHz	4.48745	0.50119	0.35727	(-18 ~ -10 dBm/MHz)
	MHz	5249.03	5249.03	5249.04	5249MHz ~ 5249.8MHz
	dBm/MHz	-16.13	-29.10	-35.98	Limit ≤ 100.0 ~ 631.0 μW/MHz
	μW/MHz	24.37811	1.23027	0.25235	(-10 ~ -2 dBm/MHz)
	MHz	5249.81	5249.83	5249.81	5249.8 MHz ~ 5250 MHz
	dBm/MHz	-9.61	-28.51	-35.35	Limit ≤ 631 ~ 2154.4 μW/MHz
	μW/MHz	109.39564	1.40929	0.29174	(-2 ~ 3.33dBm/MHz)
	MHz	20548.40	5350.00	5350.00	5350MHz ~ 26000MHz
	dBm/MHz	-37.13	-33.39	-34.65	Limit ≤ 2.5 μW/MHz
	μW/MHz	0.19364	0.45814	0.34277	(-26.02 dBm/MHz)

Note:

Explanation of Marker and ZeroSP test:

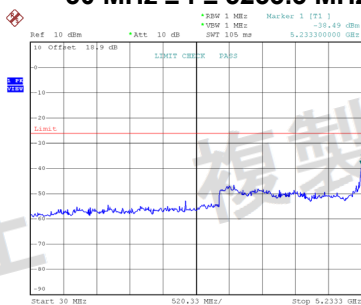
- 1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
- 2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH52



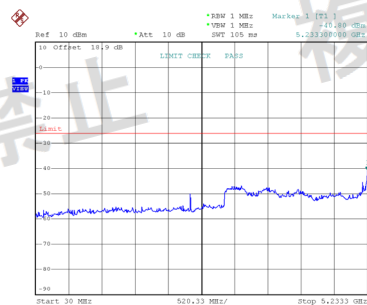
Date: 19.JAN.2026 13:37:07

CH60
30 MHz ≤ f ≤ 5233.3 MHz



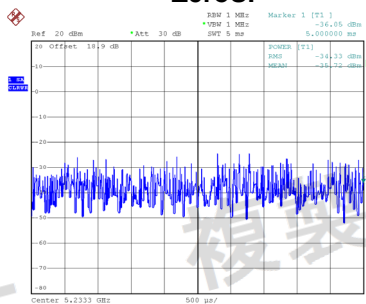
Date: 19.JAN.2026 13:40:12

CH64



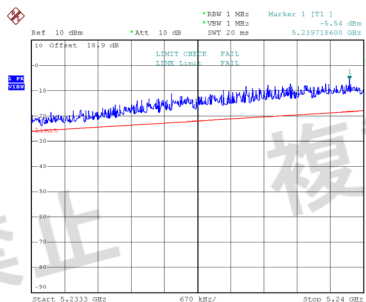
Date: 19.JAN.2026 13:42:09

ZeroSP

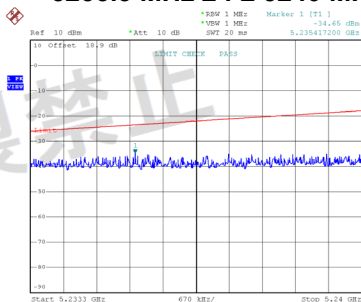


Date: 19.JAN.2026 13:37:12

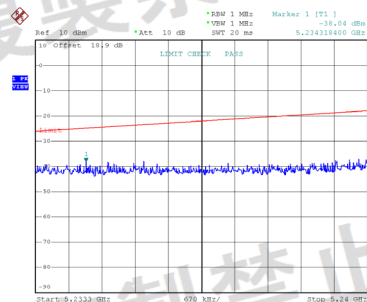
5233.3 MHz ≤ f ≤ 5240 MHz



Date: 19.JAN.2026 13:37:19

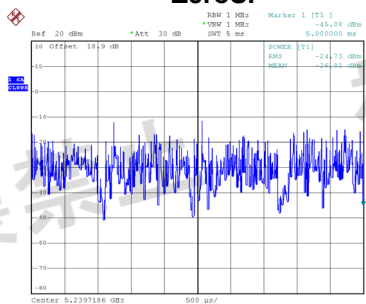


Date: 19.JAN.2026 13:40:18



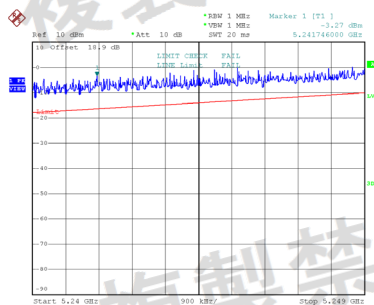
Date: 19.JAN.2026 13:42:15

ZeroSP



Date: 19.JAN.2026 13:37:24

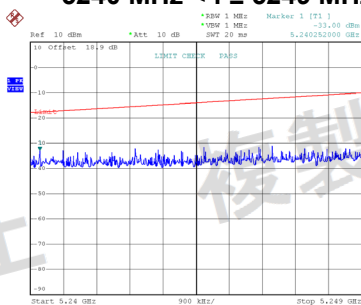
CH52



Date: 19.JAN.2026 13:37:31

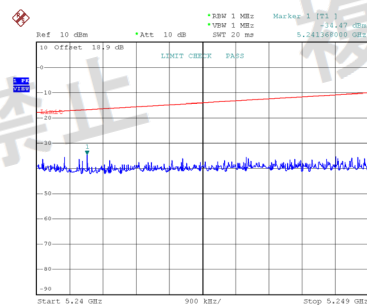
CH60

5240 MHz < f ≤ 5249 MHz



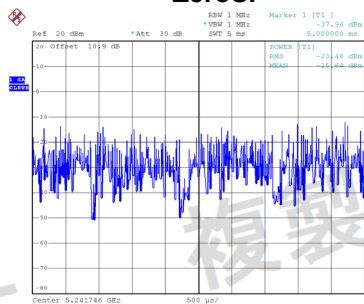
Date: 19.JAN.2026 13:40:24

CH64



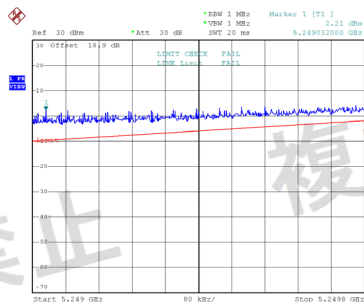
Date: 19.JAN.2026 13:42:22

ZeroSP

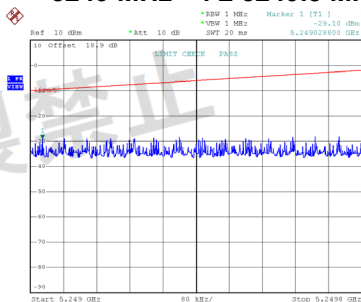


Date: 19.JAN.2026 13:37:36

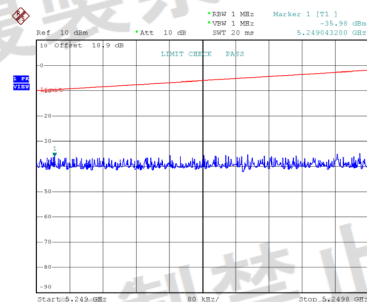
5249 MHz < f ≤ 5249.8 MHz



Date: 19.JAN.2026 13:37:43

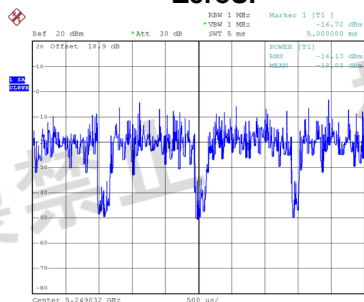


Date: 19.JAN.2026 13:40:30



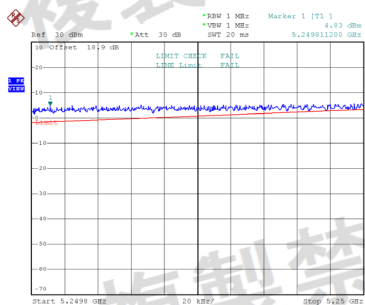
Date: 19.JAN.2026 13:42:29

ZeroSP



Date: 19.JAN.2026 13:37:48

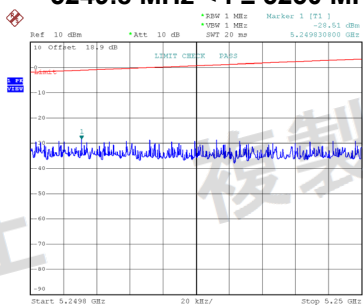
CH52



Date: 19.JAN.2026 13:37:34

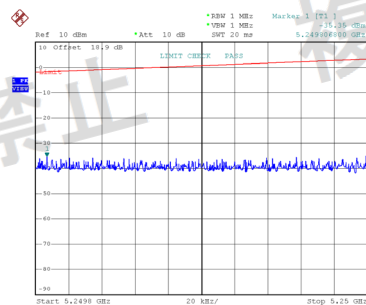
CH60

5249.8 MHz < f ≤ 5250 MHz



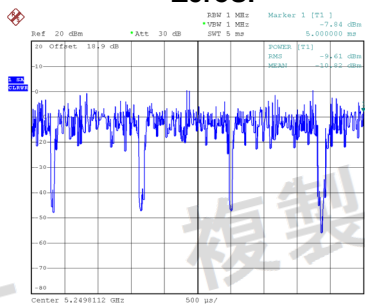
Date: 19.JAN.2026 13:40:37

CH64



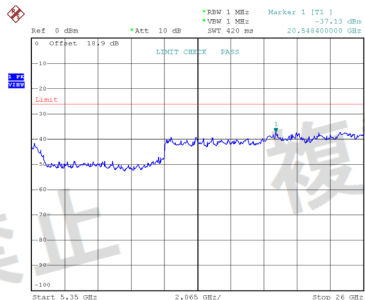
Date: 19.JAN.2026 13:42:34

ZeroSP

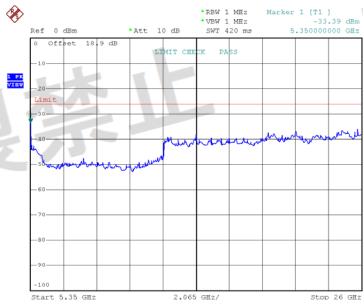


Date: 19.JAN.2026 13:38:00

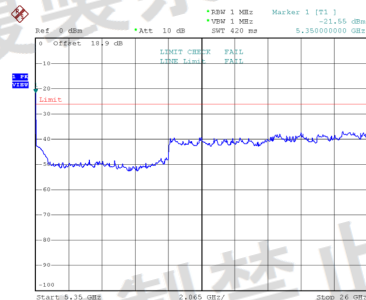
5350 MHz ≤ f < 26000 MHz



Date: 19.JAN.2026 13:38:10

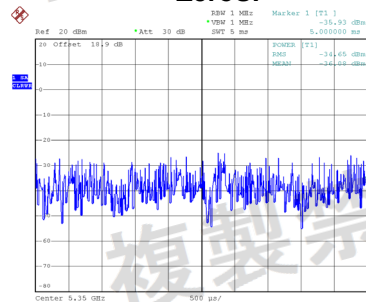


Date: 19.JAN.2026 13:40:47



Date: 19.JAN.2026 13:42:44

ZeroSP



Date: 19.JAN.2026 13:42:49

Test Mode: IEEE 802.11ac(VHT40) - W53

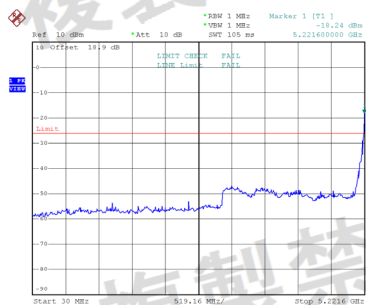
Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5270	5310	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5221.60	5221.60	30MHz ~ 5221.6MHz
	dBm/MHz	-33.39	-36.50	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.45814	0.22387	(-26.02 dBm/MHz)
	MHz	5223.68	5222.10	5221.6MHz ~ 5230MHz
	dBm/MHz	-30.98	-31.58	Limit $\leq 2.5 \sim 7.9 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.79799	0.69502	(-26 ~ -21 dBm/MHz)
	MHz	5242.54	5231.41	5230MHz ~ 5249MHz
	dBm/MHz	-23.57	-29.64	Limit $\leq 7.9 \sim 50 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	4.39542	1.08643	(-21 ~ -13 dBm/MHz)
	MHz	5249.03	5249.02	5249MHz ~ 5250MHz
	dBm/MHz	-20.02	-25.48	Limit $\leq 50 \sim 500 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	9.95405	2.83139	(-13 ~ -3 dBm/MHz)
	MHz	5352.70	5351.71	5350MHz ~ 5358.4MHz
	dBm/MHz	-24.56	-29.91	Limit $\leq 15 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	3.49945	1.02094	(-18.24 dBm/MHz)
	MHz	5358.40	5358.40	5358.4MHz ~ 26000MHz
	dBm/MHz	-32.19	-32.93	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.60395	0.50933	(-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.

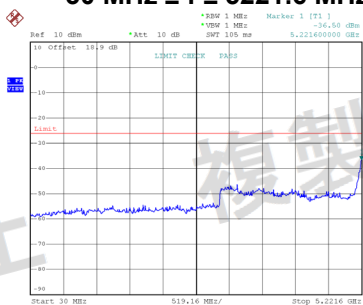
CH54



Date: 19.JAN.2026 13:58:06

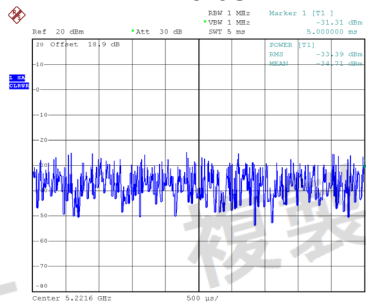
CH62

30 MHz ≤ f ≤ 5221.6 MHz



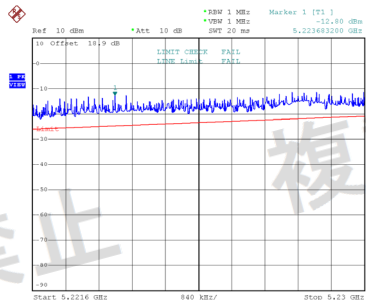
Date: 19.JAN.2026 14:06:11

ZeroSP

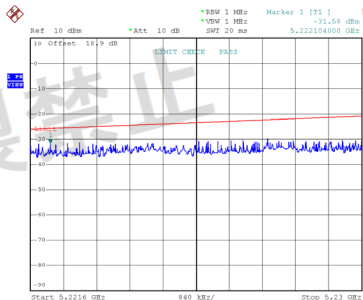


Date: 19.JAN.2026 13:58:11

5221.6 MHz ≤ f ≤ 5230 MHz

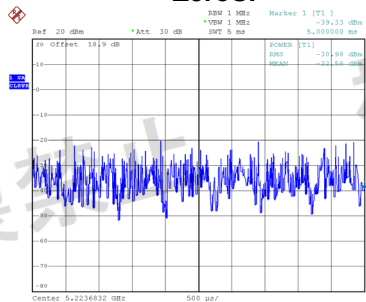


Date: 19.JAN.2026 13:58:18



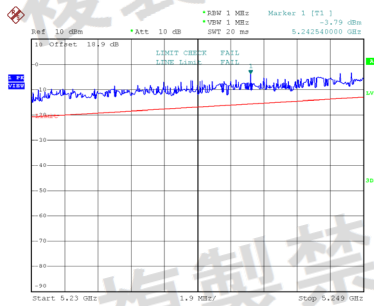
Date: 19.JAN.2026 14:06:18

ZeroSP



Date: 19.JAN.2026 13:58:23

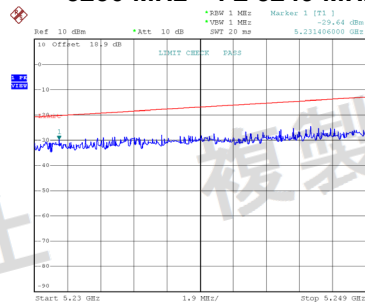
CH54



Date: 19.JAN.2026 13:58:30

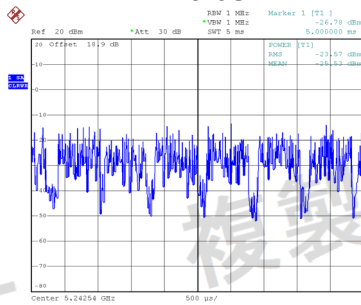
CH62

5230 MHz < f ≤ 5249 MHz



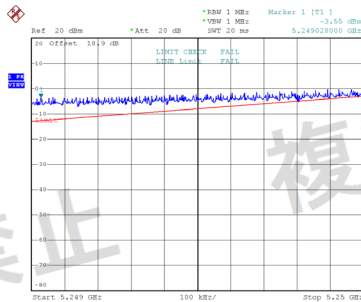
Date: 19.JAN.2026 14:06:24

ZeroSP

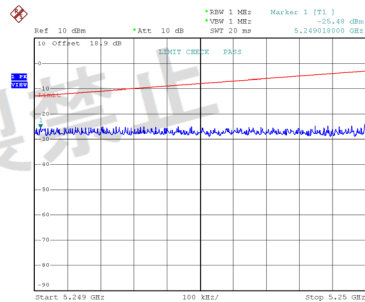


Date: 19.JAN.2026 13:58:35

5249 MHz ≤ f < 5250 MHz

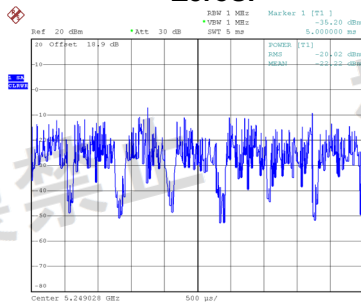


Date: 19.JAN.2026 13:58:42



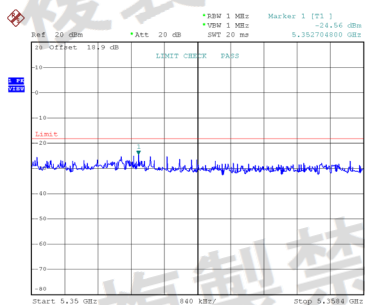
Date: 19.JAN.2026 14:06:30

ZeroSP



Date: 19.JAN.2026 13:58:47

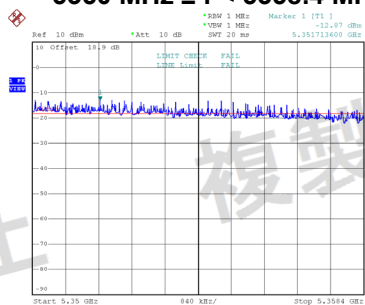
CH54



Date: 19.JAN.2026 13:58:34

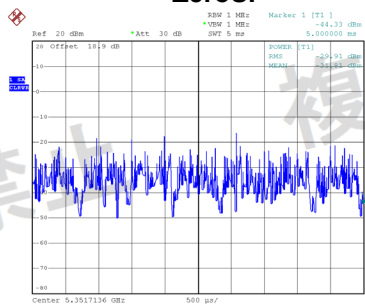
CH62

5350 MHz ≤ f < 5358.4 MHz



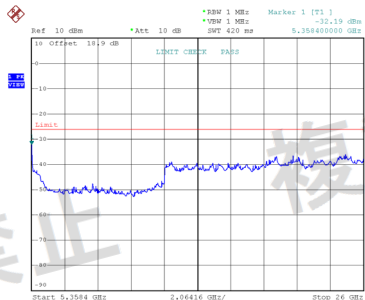
Date: 19.JAN.2026 14:06:36

ZeroSP

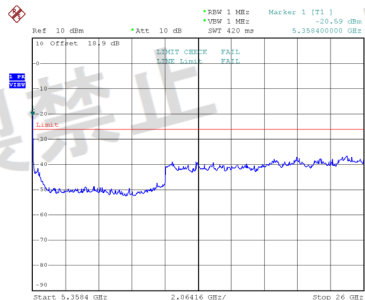


Date: 19.JAN.2026 14:06:41

5358.4 MHz < f ≤ 26000 MHz

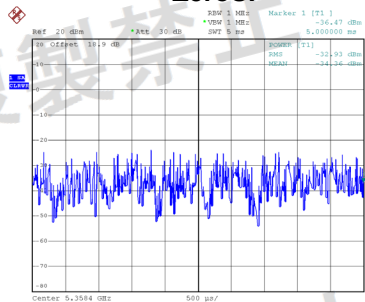


Date: 19.JAN.2026 13:59:04



Date: 19.JAN.2026 14:06:51

ZeroSP



Date: 19.JAN.2026 14:06:56

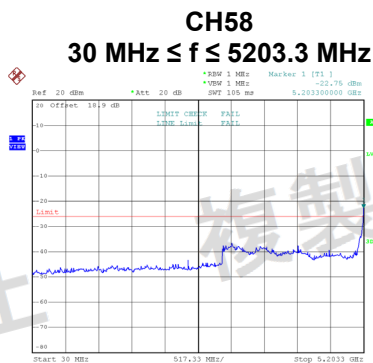
Test Mode: IEEE 802.11ac(VHT80) - W53

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	-36.19	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.24044	(-26.02 dBm/MHz)
	MHz	5203.57	5203.3MHz ~ 5210MHz
	dBm/MHz	-36.35	Limit $\leq 2.5 \sim 4 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.23174	(-26 ~ -24 dBm/MHz)
	MHz	5214.37	5210MHz ~ 5249MHz
	dBm/MHz	-34.06	Limit $\leq 4 \sim 25 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.39264	(-24 ~ -16 dBm/MHz)
	MHz	5249.02	5249MHz ~ 5250MHz
	dBm/MHz	-27.41	Limit $\leq 25 \sim 250 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.81552	(-16 ~ -6 dBm/MHz)
	MHz	5354.23	5350MHz ~ 5376.8MHz
	dBm/MHz	-29.54	Limit $\leq 15 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.11173	(-18.24 dBm/MHz)
	MHz	5376.80	5376.8MHz ~ 26000MHz
	dBm/MHz	-31.51	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.70632	(-26.02 dBm/MHz)

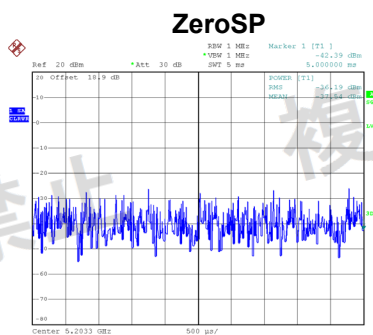
Note:

Explanation of Marker and ZeroSP test:

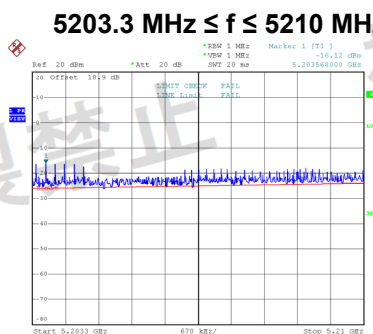
- 1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
- 2) The testing of ZeroSP is the worst, covering the entire frequency band.



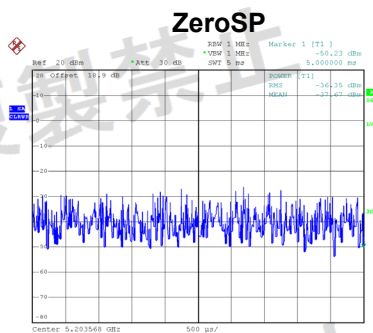
Date: 19.JAN.2026 14:22:04



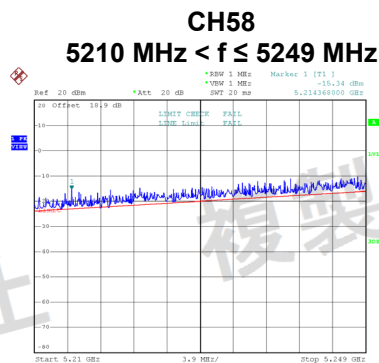
Date: 19.JAN.2026 14:22:09



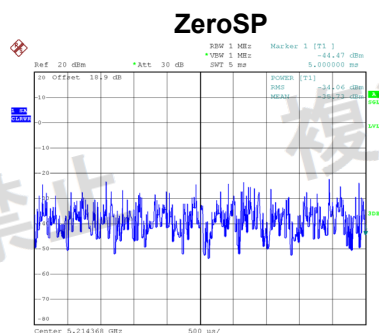
Date: 19.JAN.2026 14:22:16



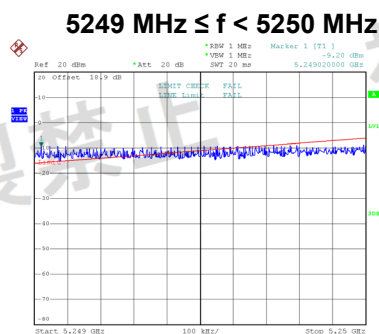
Date: 19.JAN.2026 14:22:21



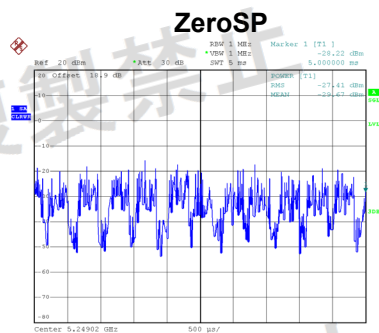
Date: 19.JAN.2026 14:22:28



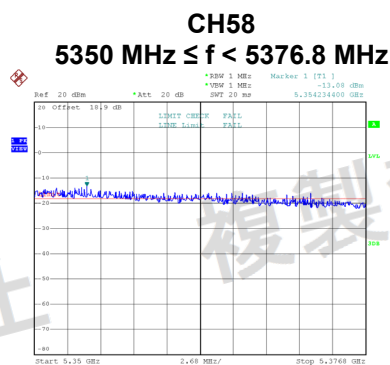
Date: 19.JAN.2026 14:22:33



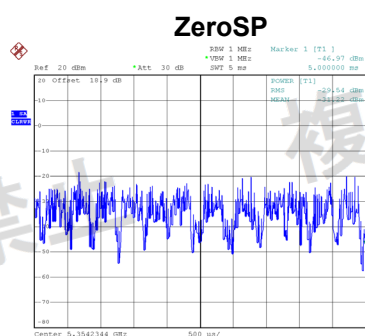
Date: 19.JAN.2026 14:22:40



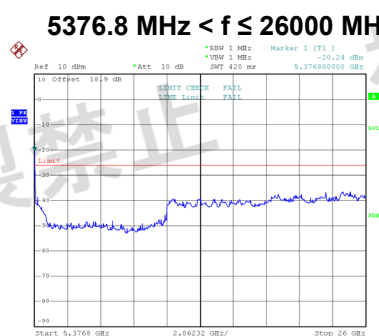
Date: 19.JAN.2026 14:22:45



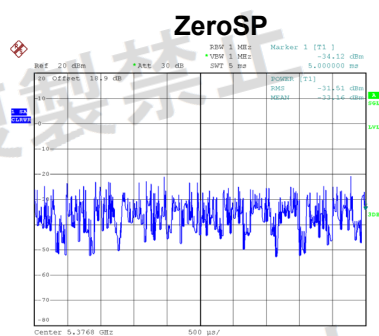
Date: 19.JAN.2026 14:22:52



Date: 19.JAN.2026 14:22:57



Date: 19.JAN.2026 14:23:08



Date: 19.JAN.2026 14:23:13

Test Mode: IEEE 802.11a - W56

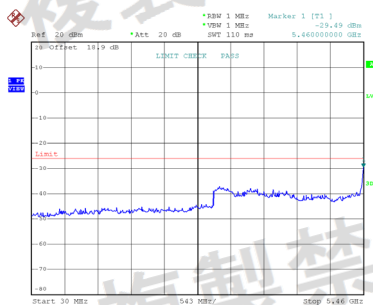
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5720	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5460.00	3222.84	3255.42	30MHz ~ 5460MHz
	dBm/MHz	-29.49	-36.40	-37.24	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.12460	0.22909	0.18880	(-26.02 dBm/MHz)
	MHz	5469.70	5461.96	5462.78	5460MHz ~ 5470MHz
	dBm/MHz	-35.11	-38.76	-39.71	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.30832	0.13305	0.10691	(-19.03 dBm/MHz)
	MHz	5760.60	5759.96	5745.64	5745MHz ~ 5765MHz
	dBm/MHz	-36.93	-35.77	-30.83	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.20277	0.26485	0.82604	(-19.03 dBm/MHz)
	MHz	24866.84	25028.72	5765.00	5765MHz ~ 26000MHz
	dBm/MHz	-36.50	-36.49	-30.21	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.22387	0.22439	0.95280	(-26.02 dBm/MHz)

Note:

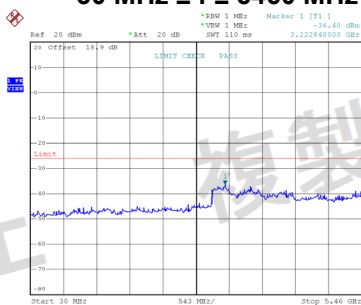
Explanation of Marker and ZeroSP test:

- 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

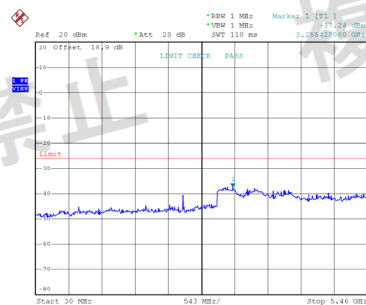


Date: 19.JAN.2026 13:09:08

CH120
30 MHz ≤ f ≤ 5460 MHz

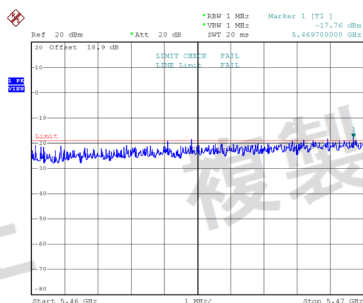
Date: 19.JAN.2026 13:14:29

CH144

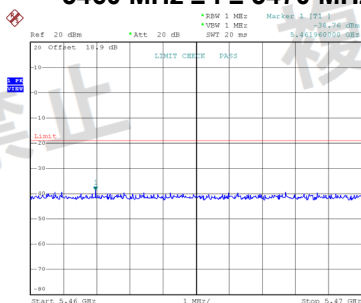


Date: 19.JAN.2026 13:18:01

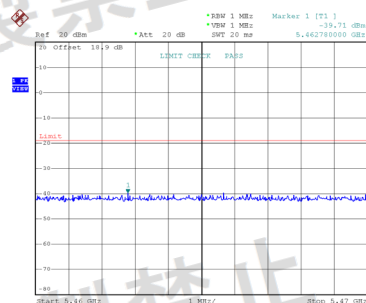
5460 MHz ≤ f ≤ 5470 MHz



Date: 19.JAN.2026 13:09:13

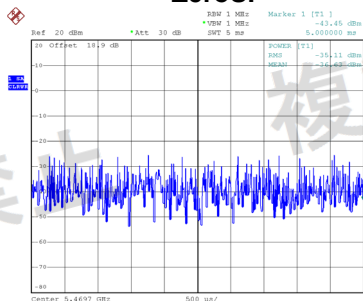


Date: 19.JAN.2026 13:14:34



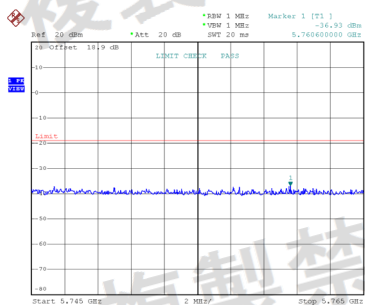
Date: 19.JAN.2026 13:18:07

ZeroSP



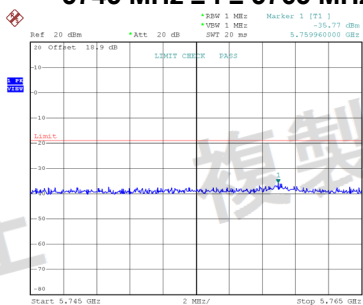
Date: 19.JAN.2026 13:09:17

CH100

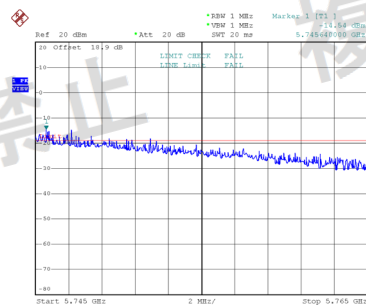


CH120

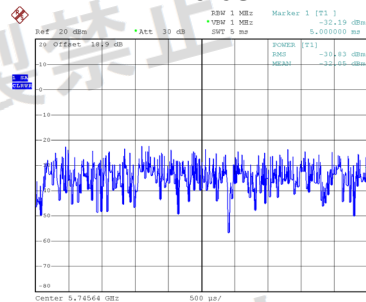
5745 MHz ≤ f ≤ 5746 MHz



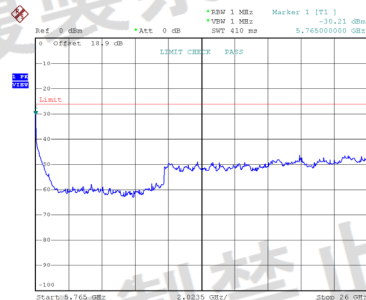
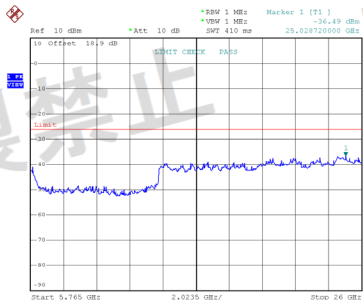
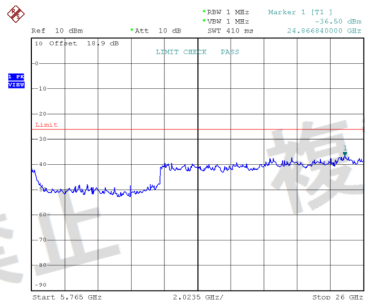
CH144



ZeroSP



5765 MHz ≤ f < 26000 MHz



Test Mode:	IEEE 802.11ac(VHT20) - W56
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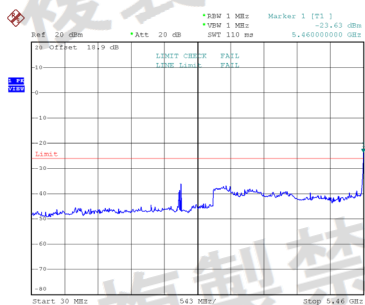
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5720	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5460.00	3103.38	3135.96	30MHz ~ 5460MHz
	dBm/MHz	-38.91	-37.22	-36.16	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.12853	0.18967	0.24210	(-26.02 dBm/MHz)
	MHz	5469.24	5469.76	5465.10	5460MHz ~ 5470MHz
	dBm/MHz	-34.22	-38.84	-39.23	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.37844	0.13062	0.11940	(-19.03 dBm/MHz)
	MHz	5751.56	5760.24	5747.64	5745MHz ~ 5765MHz
	dBm/MHz	-37.30	-35.07	-31.79	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.18621	0.31117	0.66222	(-19.03 dBm/MHz)
	MHz	24462.14	24826.37	5765.00	5765MHz ~ 26000MHz
	dBm/MHz	-35.91	-37.02	-31.19	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.25645	0.19861	0.76033	(-26.02 dBm/MHz)

Note:

Explanation of Marker and ZeroSP test:

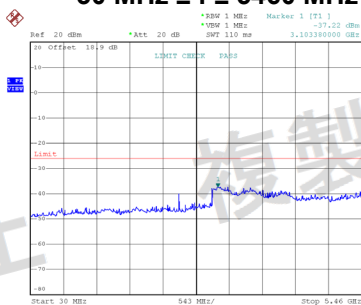
- 1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
- 2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH100



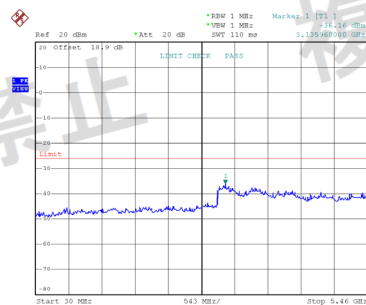
Date: 19.JAN.2026 13:44:06

CH120 30 MHz ≤ f ≤ 5460 MHz



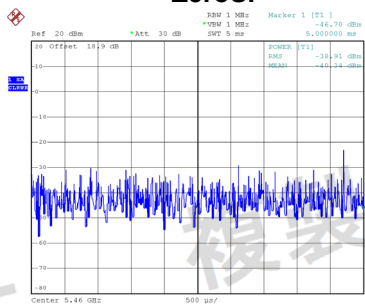
Date: 19.JAN.2026 13:45:56

CH144



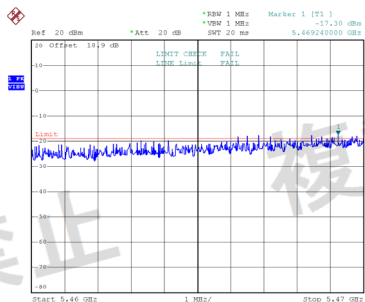
Date: 19.JAN.2026 13:47:06

ZeroSP

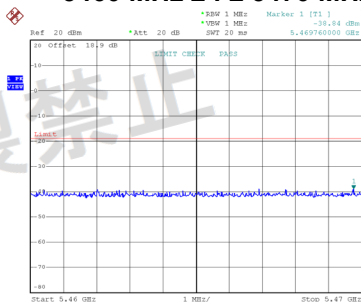


Date: 19.JAN.2026 13:44:11

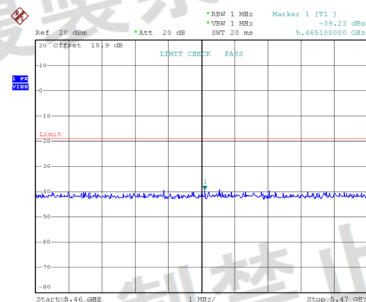
5460 MHz ≤ f ≤ 5470 MHz



Date: 19.JAN.2026 13:44:18

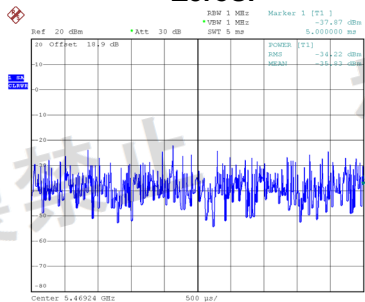


Date: 19.JAN.2026 13:46:02



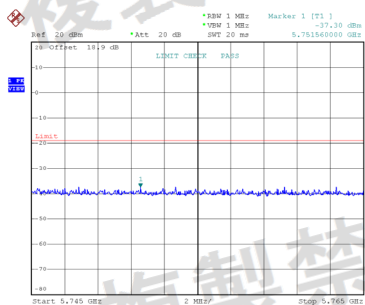
Date: 19.JAN.2026 13:47:12

ZeroSP



Date: 19.JAN.2026 13:44:23

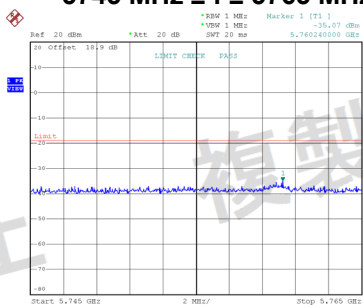
CH100



Date: 19.JAN.2026 13:44:30

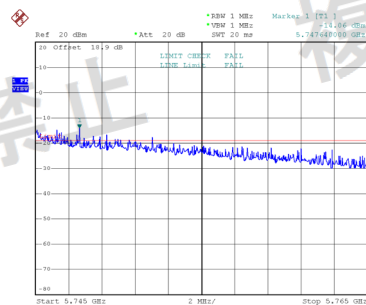
CH120

5745 MHz ≤ f ≤ 5765 MHz



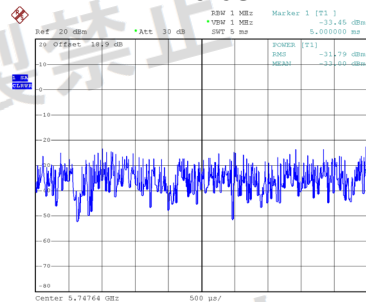
Date: 19.JAN.2026 13:46:07

CH144



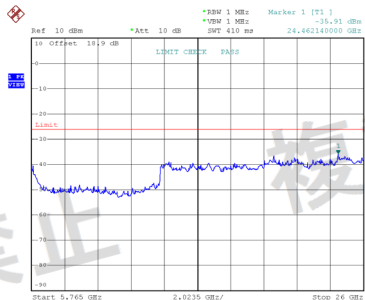
Date: 19.JAN.2026 13:47:17

ZeroSP

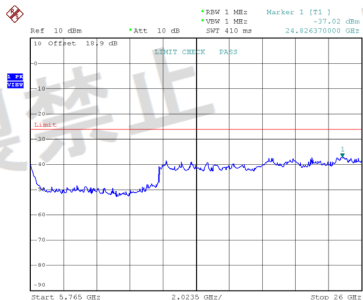


Date: 19.JAN.2026 13:47:22

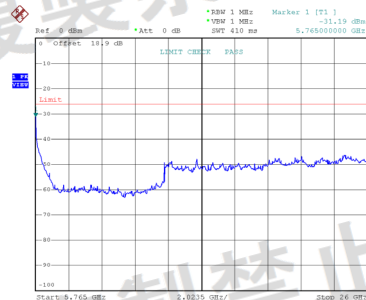
5765 MHz ≤ f < 26000 MHz



Date: 19.JAN.2026 13:44:40



Date: 19.JAN.2026 13:46:18



Date: 19.JAN.2026 13:47:53

Test Mode: IEEE 802.11ac(VHT40) - W56

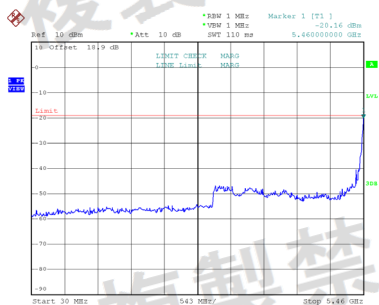
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5510	5590	5710	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5460.00	5449.14	5394.84	30MHz ~ 5460MHz
	dBm/MHz	-31.59	-40.64	-45.38	Limit $\leq 12.5 \mu\text{W/MHz}$ (-19.03 dBm/MHz)
	$\mu\text{W/MHz}$	0.69343	0.08630	0.02897	
	MHz	5466.96	5468.34	5464.50	5460MHz ~ 5470MHz
	dBm/MHz	-26.53	-34.81	-44.80	Limit $\leq 50 \mu\text{W/MHz}$ (-13.01 dBm/MHz)
	$\mu\text{W/MHz}$	2.22331	0.33037	0.03311	
	MHz	25474.02	24907.58	5770.00	5770MHz ~ 26000MHz
	dBm/MHz	-36.67	-36.34	-27.22	Limit $\leq 12.5 \mu\text{W/MHz}$ (-19.03 dBm/MHz)
	$\mu\text{W/MHz}$	0.21528	0.23227	1.89671	

Note:

Explanation of Marker and ZeroSP test:

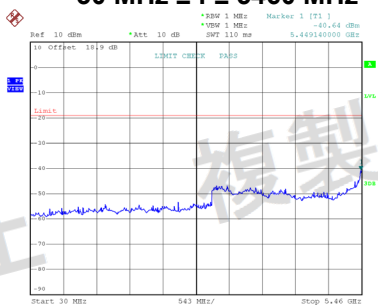
- 1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
- 2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH102



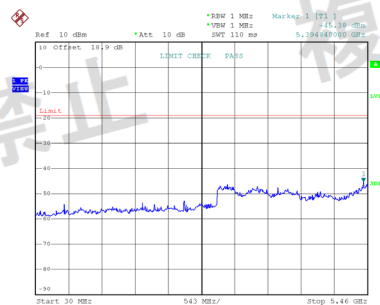
Date: 19.JAN.2026 14:11:43

CH118 30 MHz ≤ f ≤ 5460 MHz



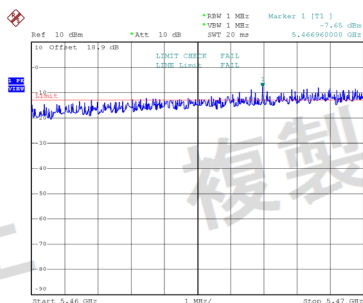
Date: 19.JAN.2026 14:14:08

CH142

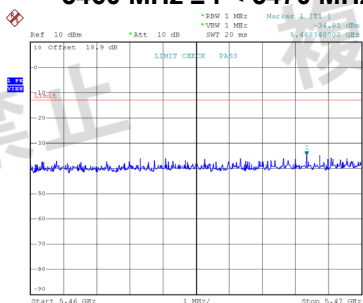


Date: 19.JAN.2026 14:15:16

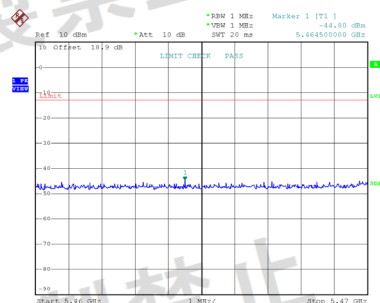
5460 MHz ≤ f < 5470 MHz



Date: 19.JAN.2026 14:11:55

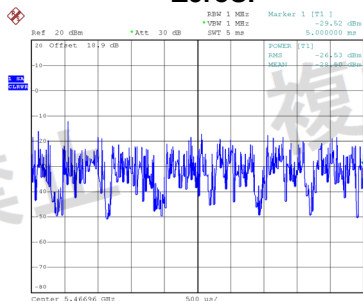


Date: 19.JAN.2026 14:14:15



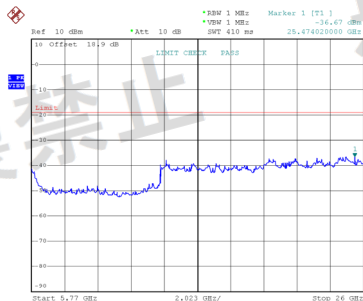
Date: 19.JAN.2026 14:15:23

ZeroSP

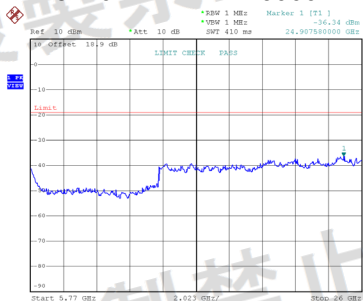


Date: 19.JAN.2026 14:12:00

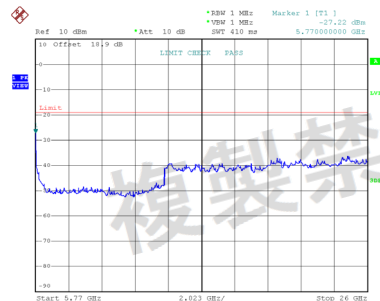
5770 MHz < f ≤ 26000 MHz



Date: 19.JAN.2026 14:12:11



Date: 19.JAN.2026 14:14:24



Date: 19.JAN.2026 14:15:32

Test Mode: IEEE 802.11ac(VHT80) - W56

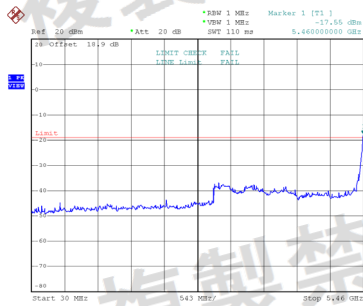
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5530	5610	5690	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	5460.00	5460.00	3657.24	30MHz ~ 5460MHz
	dBm/MHz	-29.32	-34.38	-37.52	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.16950	0.36475	0.17701	(-19.03 dBm/MHz)
	MHz	5465.02	5468.65	5463.97	5460MHz ~ 5469.5MHz
	dBm/MHz	-28.18	-30.18	-38.36	Limit $\leq 50 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.52055	0.95940	0.14588	(-13.01 dBm/MHz)
	MHz	5469.54	5469.78	5469.79	5469.5MHz ~ 5470MHz
	dBm/MHz	-28.36	-30.17	-37.15	Limit $\leq 51.2 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.45881	0.96161	0.19275	(-12.91 dBm/MHz)
	MHz	24705.28	5770.00	5770.00	5770MHz ~ 26000MHz
	dBm/MHz	-36.96	-32.40	-27.28	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.20137	0.57544	1.87068	(-19.03 dBm/MHz)

Note:

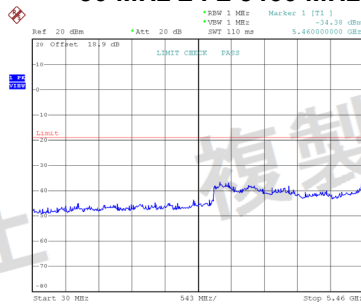
Explanation of Marker and ZeroSP test:

- 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.

CH106

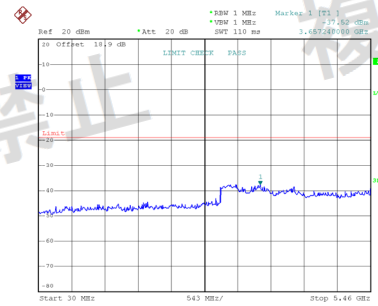


Date: 19.JAN.2026 14:25:16

CH122
30 MHz ≤ f ≤ 5460 MHz

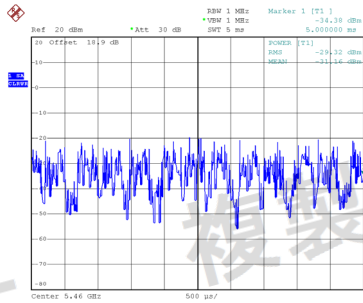
Date: 19.JAN.2026 14:31:47

CH138



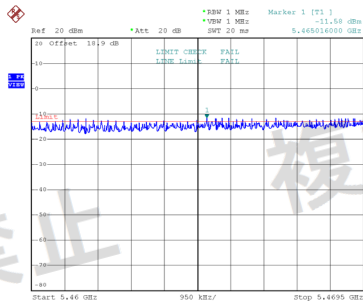
Date: 19.JAN.2026 14:33:33

ZeroSP

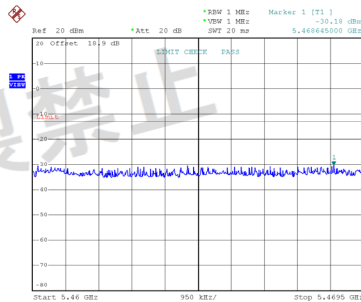


Date: 19.JAN.2026 14:25:21

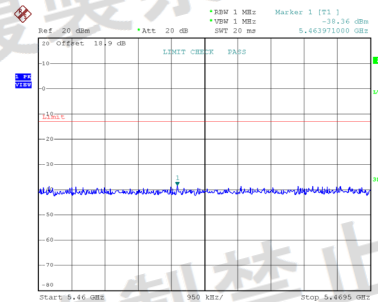
5460 MHz ≤ f ≤ 5469.5 MHz



Date: 19.JAN.2026 14:25:28

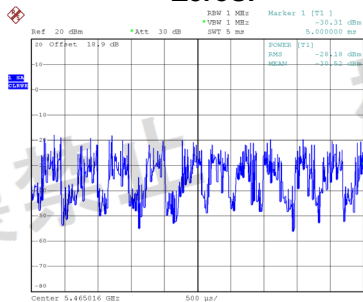


Date: 19.JAN.2026 14:31:53



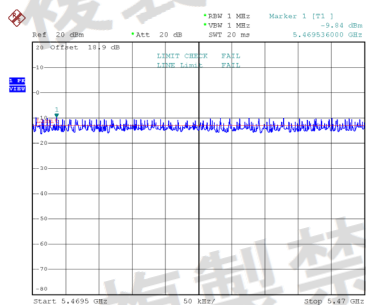
Date: 19.JAN.2026 14:33:59

ZeroSP



Date: 19.JAN.2026 14:25:33

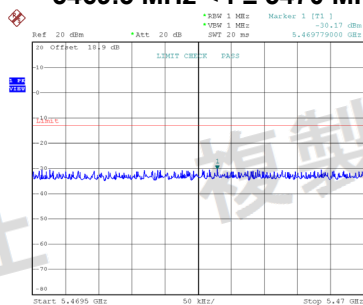
CH106



Date: 19.JAN.2026 14:25:40

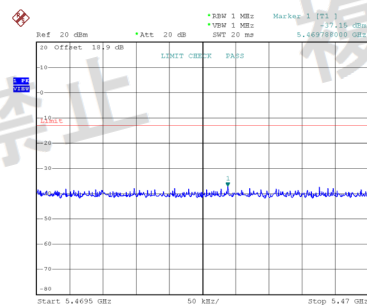
CH122

5469.5 MHz < f ≤ 5470 MHz



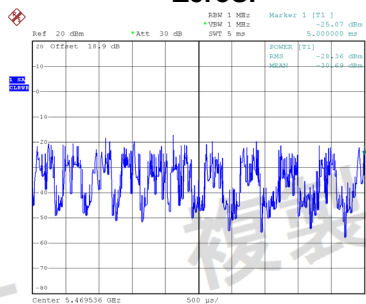
Date: 19.JAN.2026 14:31:59

CH138



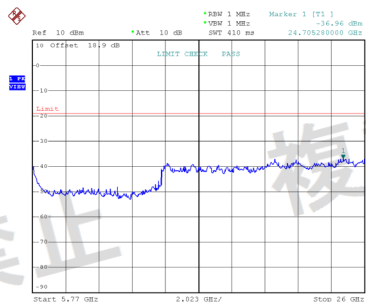
Date: 19.JAN.2026 14:33:46

ZeroSP



Date: 19.JAN.2026 14:25:45

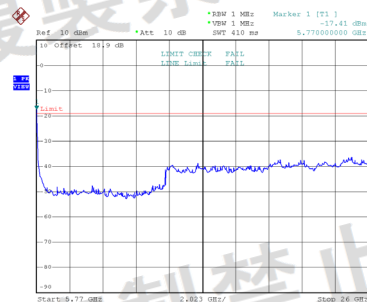
5770 MHz < f ≤ 26000 MHz



Date: 19.JAN.2026 14:25:56

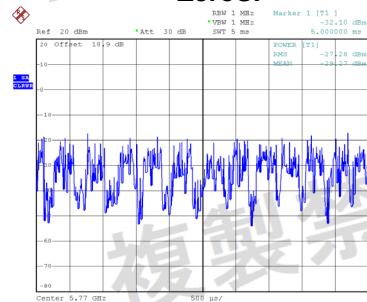


Date: 19.JAN.2026 14:32:09



Date: 19.JAN.2026 14:33:55

ZeroSP



Date: 19.JAN.2026 14:34:00

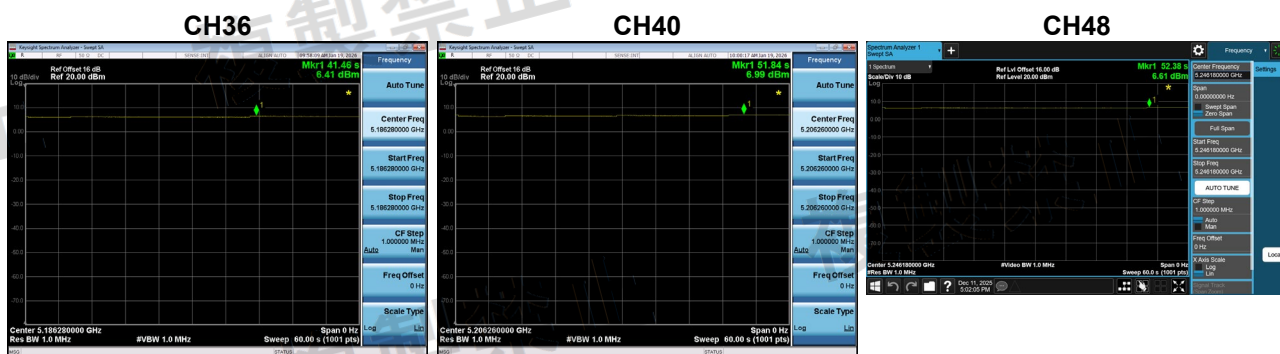
APPENDIX D - ANTENNA POWER TOLERANCE

Test Mode:	IEEE 802.11a - W52
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Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	4.3752	5.0003	4.5814	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	5.00			-
Antenna Power Tolerance (%)	-12.50	+0.01	-8.37	Limit + 20% ~ - 80%
EIRP (mW/MHz)	8.6298	9.8628	9.0365	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)

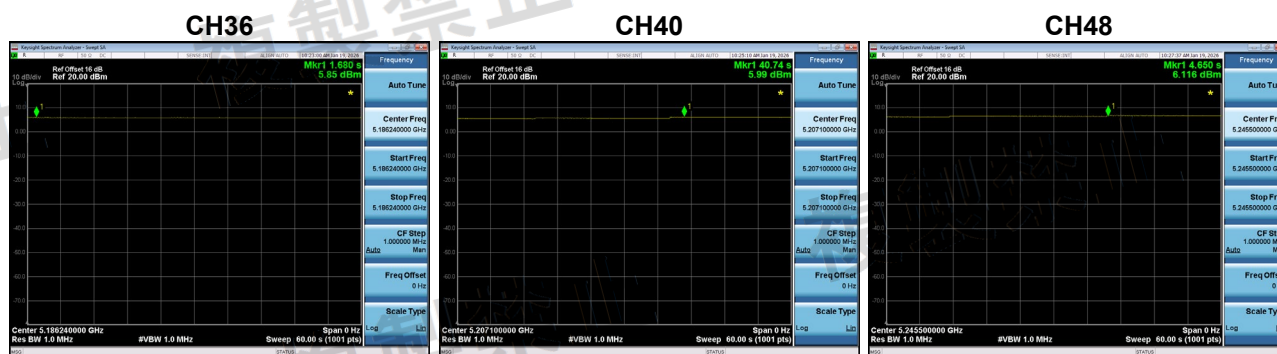


Test Mode: IEEE 802.11ac(VHT20) - W52

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	3.8548	3.9719	4.6881	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	4.69			-
Antenna Power Tolerance (%)	-17.81	-15.31	-0.04	Limit + 20% ~ - 80%
EIRP (mW/MHz)	7.6033	7.8343	9.2470	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)



Test Mode: IEEE 802.11ac(VHT40) - W52

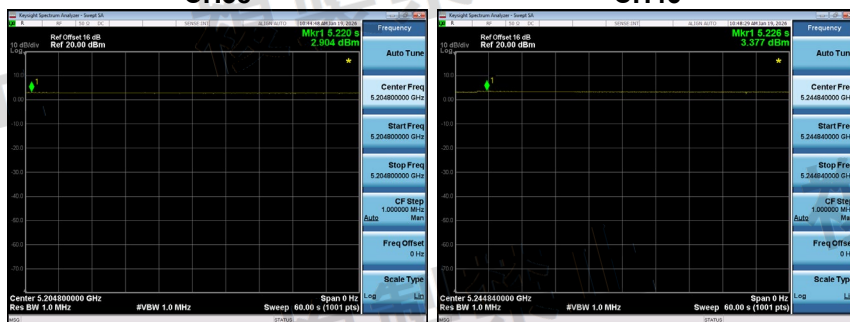
Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5190	5230	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	1.9907	2.2336	Limit ≤ 5 mW/MHz
Antenna Power (Rated) (mW/MHz)	2.23		-
Antenna Power Tolerance (%)	-10.73	+0.16	Limit + 20% ~ - 80%
EIRP (mW/MHz)	3.9264	4.4055	Limit ≤ 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)

CH38

CH46



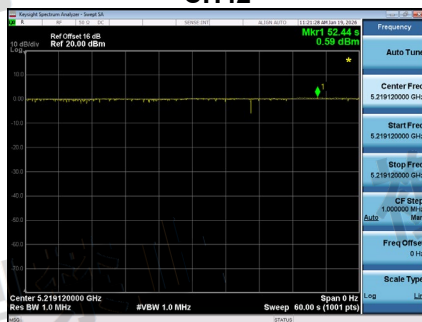
Test Mode: IEEE 802.11ac(VHT80) - W52

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5210	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	1.1455	Limit ≤ 2.5 mW/MHz
Antenna Power (Rated) (mW/MHz)	1.15	-
Antenna Power Tolerance (%)	-0.39	Limit + 20% ~ - 80%
EIRP (mW/MHz)	2.2594	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)

CH42

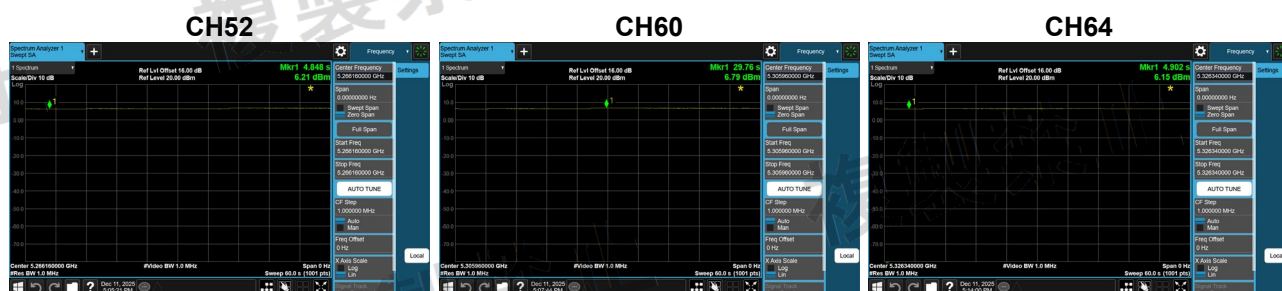


Test Mode:	IEEE 802.11a - W53
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Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	4.7315	4.7753	4.5604	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	4.78			-
Antenna Power Tolerance (%)	-1.01	-0.10	-4.59	Limit + 20% ~ - 80%
EIRP (mW/MHz)	9.3325	9.4189	8.9950	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)

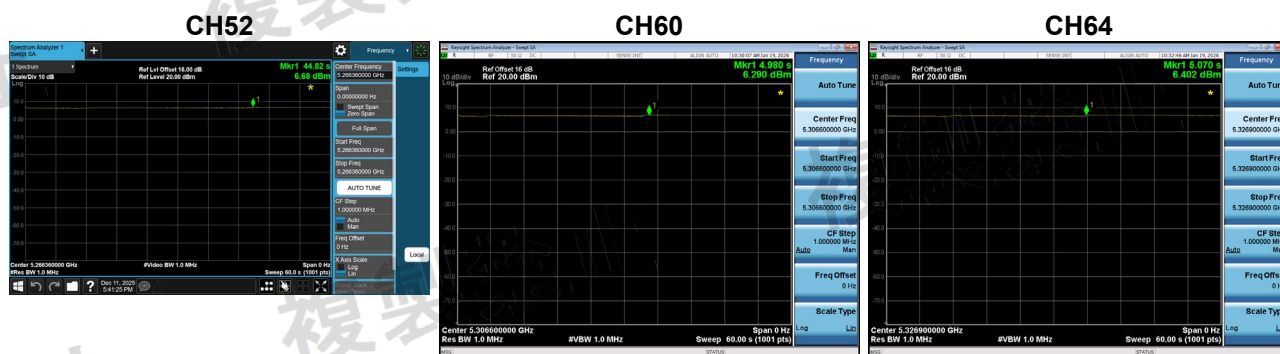


Test Mode: IEEE 802.11ac(VHT20) - W53

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	4.6559	4.8865	4.8306	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	4.89			-
Antenna Power Tolerance (%)	-4.79	-0.07	-1.21	Limit + 20% ~ - 80%
EIRP (mW/MHz)	9.1833	9.6383	9.5280	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)

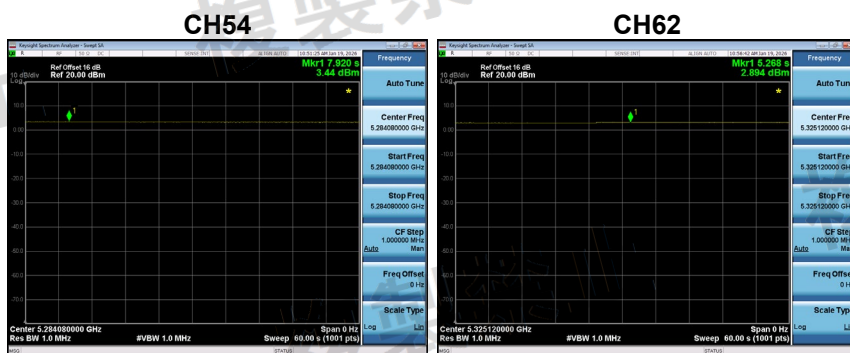


Test Mode: IEEE 802.11ac(VHT40) - W53

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5270	5310	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	2.2080	2.1232	Limit ≤ 5 mW/MHz
Antenna Power (Rated) (mW/MHz)	2.21		-
Antenna Power Tolerance (%)	-0.09	-3.93	Limit + 20% ~ - 80%
EIRP (mW/MHz)	4.3551	4.1879	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)



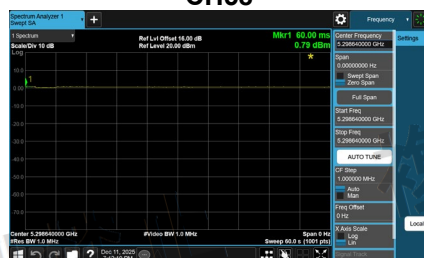
Test Mode: IEEE 802.11ac(VHT80) - W53

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5290	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	1.1995	Limit ≤ 2.5 mW/MHz
Antenna Power (Rated) (mW/MHz)	1.20	-
Antenna Power Tolerance (%)	-0.04	Limit + 20% ~ - 80%
EIRP (mW/MHz)	2.3659	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)

CH58

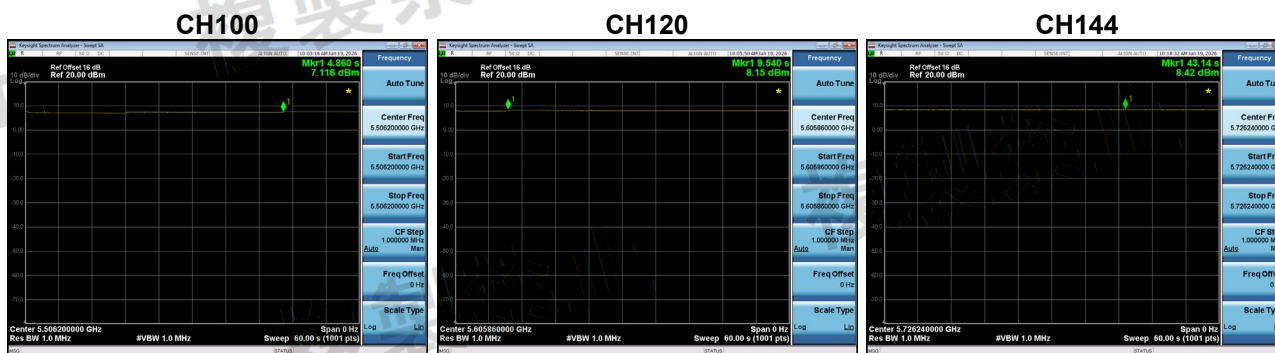


Test Mode: IEEE 802.11a - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	5.8749	6.5313	6.9502	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	6.95			-
Antenna Power Tolerance (%)	-15.47	-6.02	+0.00	Limit + 50% ~ - 50%
EIRP (mW/MHz)	11.5878	12.8825	13.7088	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)

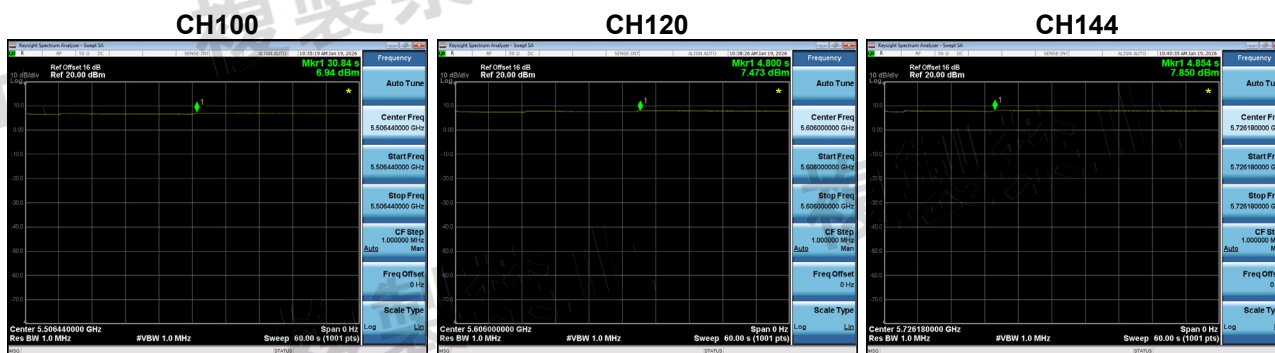


Test Mode: IEEE 802.11ac(VHT20) - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	4.9431	6.2951	6.4269	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	6.43			-
Antenna Power Tolerance (%)	-23.12	-2.10	-0.05	Limit + 50% ~ - 50%
EIRP (mW/MHz)	9.7499	12.4165	12.6765	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)

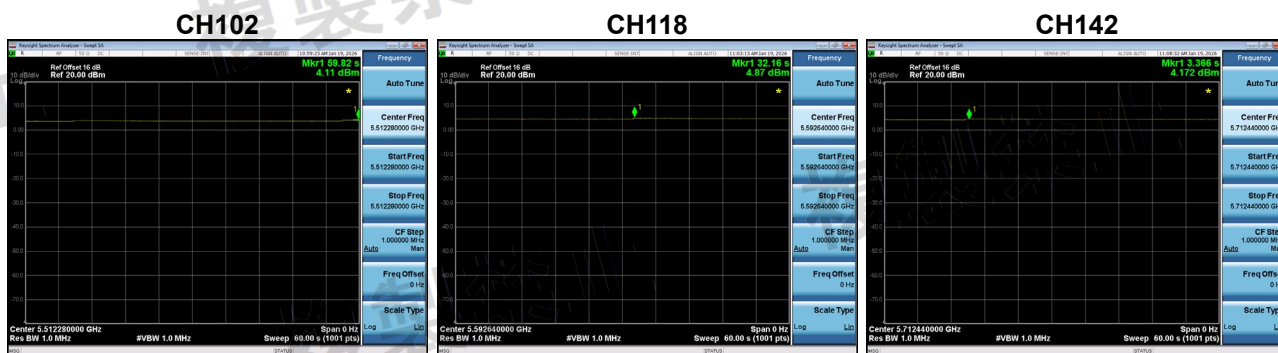


Test Mode: IEEE 802.11ac(VHT40) - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5510	5590	5710	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	2.5763	3.0690	2.8642	Limit ≤ 5 mW/MHz
Antenna Power (Rated) (mW/MHz)	3.07			-
Antenna Power Tolerance (%)	-16.08	-0.03	-6.70	Limit + 50% ~ - 50%
EIRP (mW/MHz)	5.0816	6.0534	5.6494	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)

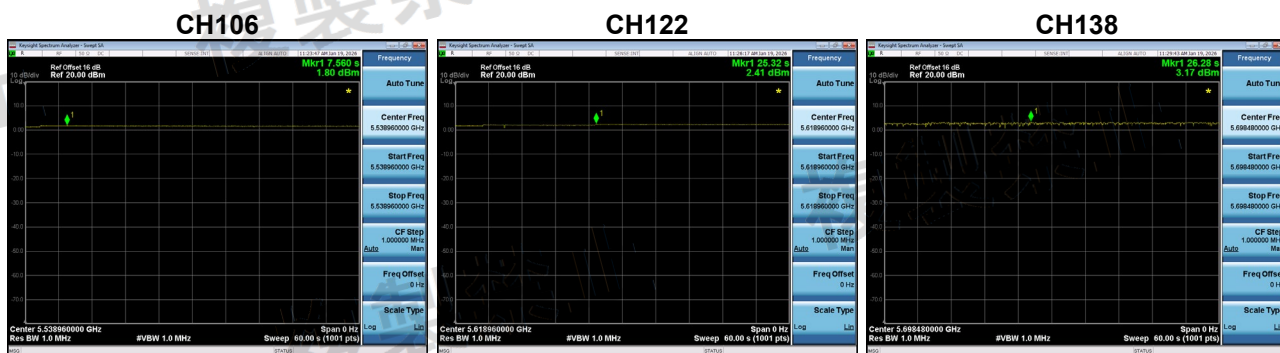


Test Mode:	IEEE 802.11ac(VHT80) - W56
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Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5530	5610	5690	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	1.5136	1.7418	2.0797	Limit ≤ 2.5 mW/MHz
Antenna Power (Rated) (mW/MHz)	2.08			-
Antenna Power Tolerance (%)	-27.23	-16.26	-0.01	Limit + 50% ~ - 50%
EIRP (mW/MHz)	2.9854	3.4356	4.1020	Limit ≤ 12.5 mW/MHz (With TPC)

Note:

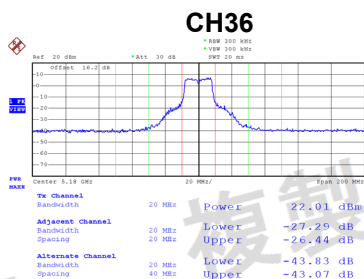
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)



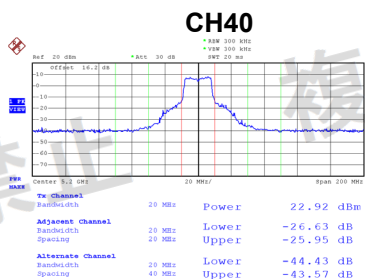
APPENDIX E - ADJACENT CHANNEL EMITTED POWER

Test Mode: IEEE 802.11a - W52

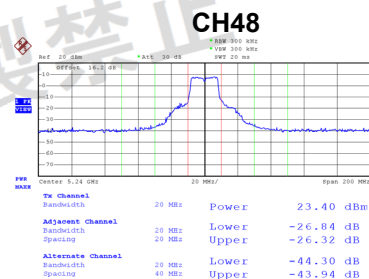
Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5180	5200	5240	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	27.29	26.63	26.84	dB	Limit ≥ 25 dB
	+20	26.44	25.95	26.32	dB	Limit ≥ 25 dB
	-40	43.83	44.43	44.30	dB	Limit ≥ 40 dB
	+40	43.07	43.57	43.94	dB	Limit ≥ 40 dB



Date: 17.JAN.2026 13:35:00



Date: 17.JAN.2026 13:36:01

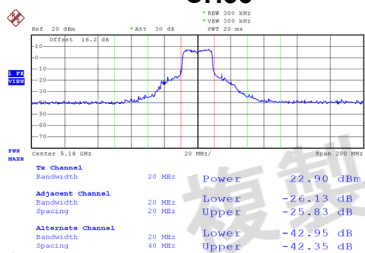


Date: 17.JAN.2026 13:36:38

Test Mode: IEEE 802.11ac(VHT20) - W52

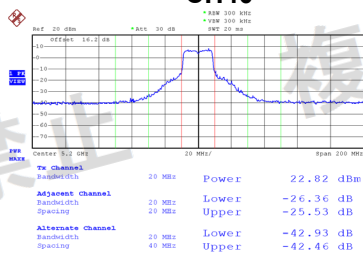
Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5180	5200	5240	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	26.13	26.36	25.84	dB	Limit ≥ 25 dB
	+20	25.83	25.53	25.53	dB	Limit ≥ 25 dB
	-40	42.95	42.93	43.46	dB	Limit ≥ 40 dB
	+40	42.35	42.46	42.54	dB	Limit ≥ 40 dB

CH36



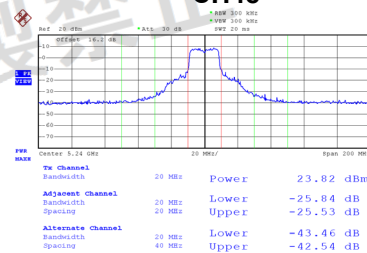
Date: 17.JAN.2026 13:45:16

CH40



Date: 17.JAN.2026 14:08:22

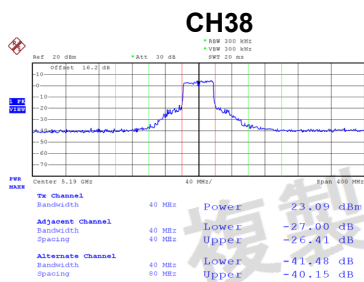
CH48



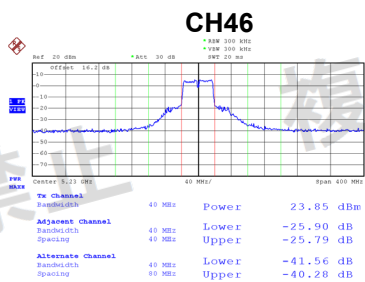
Date: 17.JAN.2026 14:09:52

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	27.00	25.90	dB	Limit ≥ 25 dB
	+40	26.41	25.79	dB	Limit ≥ 25 dB
	-80	41.48	41.56	dB	Limit ≥ 40 dB
	+80	40.15	40.28	dB	Limit ≥ 40 dB



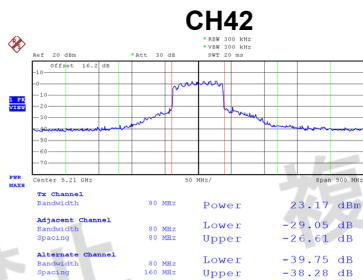
Date: 17.JAN.2026 14:21:26



Date: 17.JAN.2026 14:23:29

Test Mode: IEEE 802.11ac(VHT80) - W52

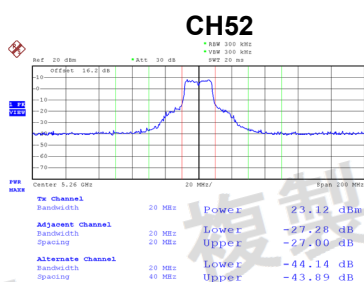
Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5210	-	Low/Mid/High of test frequency range
Adjacent Channel	-80	29.05	dB	Limit ≥ 25 dB
Emitted Power	+80	26.61	dB	Limit ≥ 25 dB



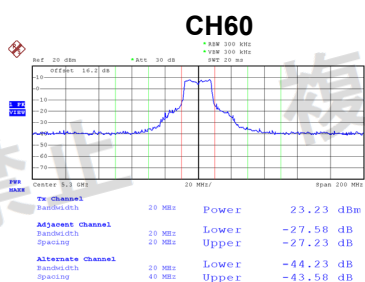
Date: 17.JAN.2026 14:33:47

Test Mode: IEEE 802.11a - W53

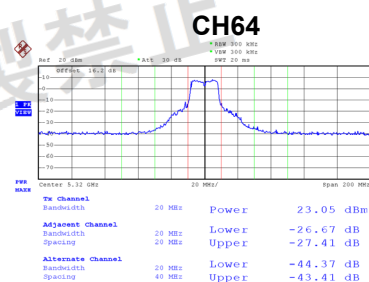
Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5260	5300	5320	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	27.28	27.58	26.67	dB	Limit ≥ 25 dB
	+20	27.00	27.23	27.41	dB	Limit ≥ 25 dB
	-40	44.14	44.23	44.37	dB	Limit ≥ 40 dB
	+40	43.89	43.58	43.41	dB	Limit ≥ 40 dB



Date: 17.JAN.2026 13:37:12



Date: 17.JAN.2026 13:37:47

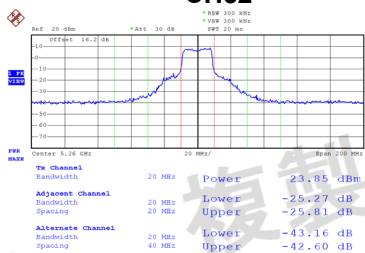


Date: 17.JAN.2026 13:38:19

Test Mode: IEEE 802.11ac(VHT20) - W53

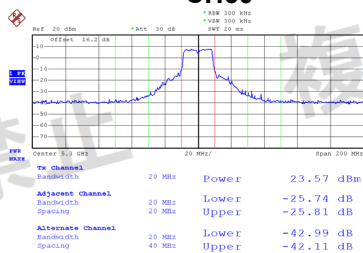
Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5260	5300	5320	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	25.27	25.74	25.70	dB	Limit $\geq$ 25 dB
	+20	25.81	25.81	25.59	dB	Limit $\geq$ 25 dB
	-40	43.16	42.99	42.79	dB	Limit $\geq$ 40 dB
	+40	42.60	42.11	42.30	dB	Limit $\geq$ 40 dB

CH52



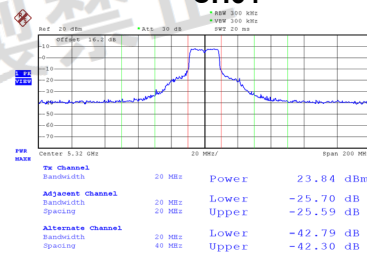
Date: 17.JAN.2026 14:11:10

CH60



Date: 17.JAN.2026 14:12:56

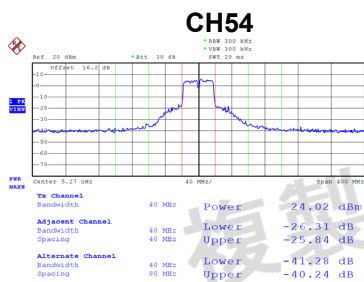
CH64



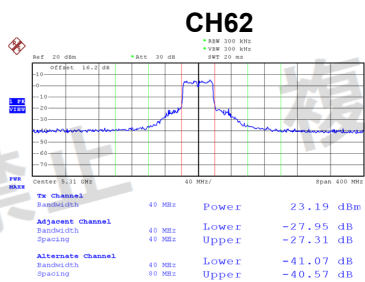
Date: 17.JAN.2026 14:15:35

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	26.31	27.95	dB	Limit ≥ 25 dB
	+40	25.84	27.31	dB	Limit ≥ 25 dB
	-80	41.28	41.07	dB	Limit ≥ 40 dB
	+80	40.24	40.57	dB	Limit ≥ 40 dB



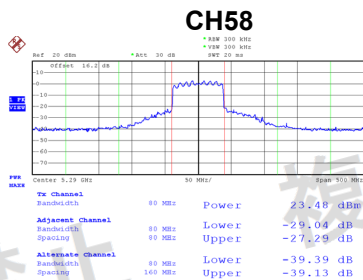
Date: 17.JAN.2026 14:25:28



Date: 17.JAN.2026 14:27:21

Test Mode: IEEE 802.11ac(VHT80) - W53

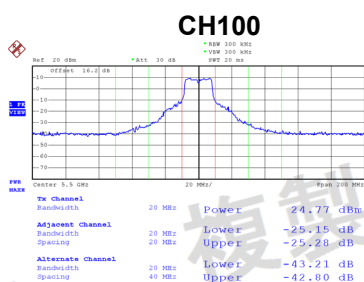
Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5290	-	Low/Mid/High of test frequency range
Adjacent Channel	-80	29.04	dB	Limit ≥ 25 dB
Emitted Power	+80	27.29	dB	Limit ≥ 25 dB



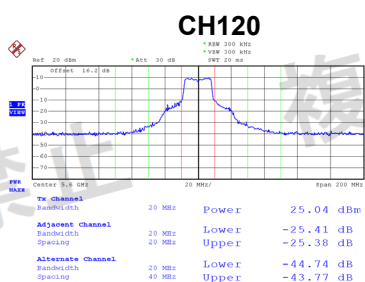
Date: 17.JAN.2026 14:34:32

Test Mode:	IEEE 802.11a - W56
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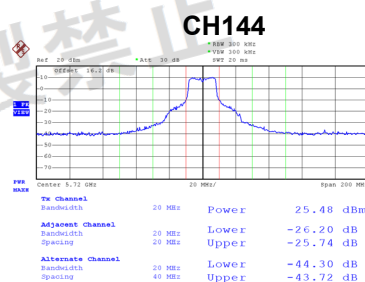
Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5500	5600	5720	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	25.15	25.41	26.20	dB	Limit ≥ 25 dB
	+20	25.28	25.38	25.74	dB	Limit ≥ 25 dB
	-40	43.21	44.74	44.30	dB	Limit ≥ 40 dB
	+40	42.80	43.77	43.72	dB	Limit ≥ 40 dB



Date: 17.JAN.2026 13:40:09



Date: 17.JAN.2026 13:43:11

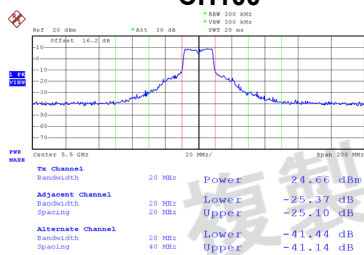


Date: 17.JAN.2026 13:44:03

Test Mode: IEEE 802.11ac(VHT20) - W56

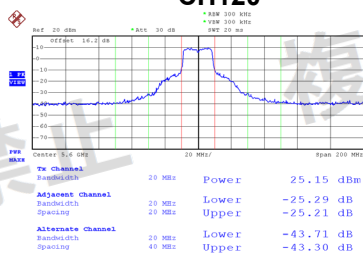
Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5500	5600	5720	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	25.37	25.29	26.29	dB	Limit ≥ 25 dB
	+20	25.10	25.21	26.15	dB	Limit ≥ 25 dB
	-40	41.44	43.71	43.95	dB	Limit ≥ 40 dB
	+40	41.14	43.30	43.62	dB	Limit ≥ 40 dB

CH100



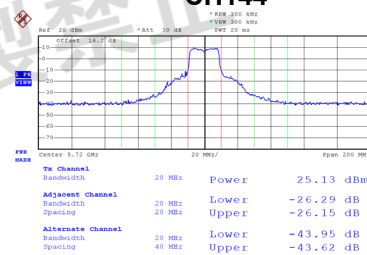
Date: 17.JAN.2026 14:17:29

CH120



Date: 17.JAN.2026 14:18:30

CH144

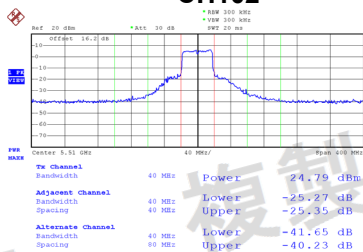


Date: 17.JAN.2026 14:19:15

Test Mode: IEEE 802.11ac(VHT40) - W56

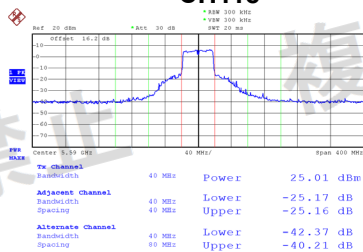
Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5510	5590	5710	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-40	25.27	25.17	26.66	dB	Limit ≥ 25 dB
	+40	25.35	25.16	26.03	dB	Limit ≥ 25 dB
	-80	41.65	42.37	43.29	dB	Limit ≥ 40 dB
	+80	40.23	40.21	41.94	dB	Limit ≥ 40 dB

CH102



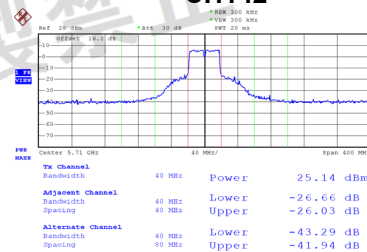
Date: 17.JAN.2026 14:28:34

CH118



Date: 17.JAN.2026 14:29:38

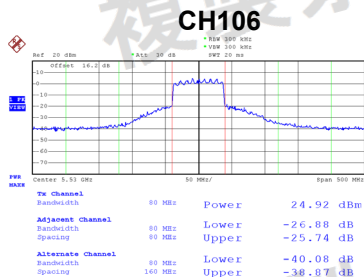
CH142



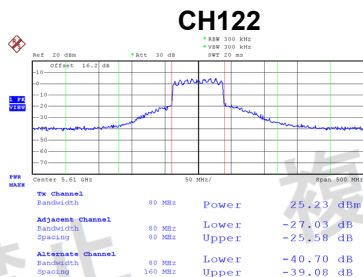
Date: 17.JAN.2026 14:31:36

Test Mode: IEEE 802.11ac(VHT80) - W56

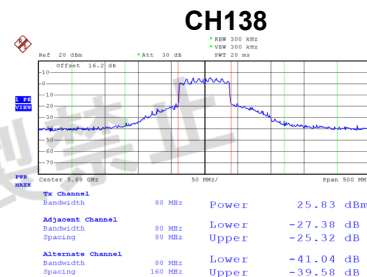
Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5530	5610	5690	-	Low/Mid/High of test frequency range
Adjacent Channel	-80	26.88	27.03	27.38	dB	Limit ≥ 25 dB
Emitted Power	+80	25.74	25.58	25.32	dB	Limit ≥ 25 dB



Date: 17.JAN.2026 14:36:52



Date: 17.JAN.2026 14:42:18



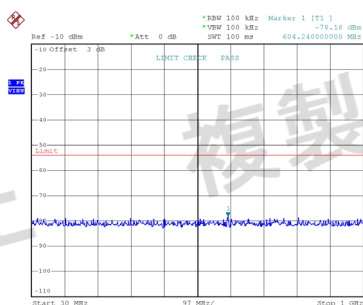
Date: 17.JAN.2026 14:40:51

APPENDIX F - LIMITATION OF COLLATERAL EMISSION OF RECEIVER

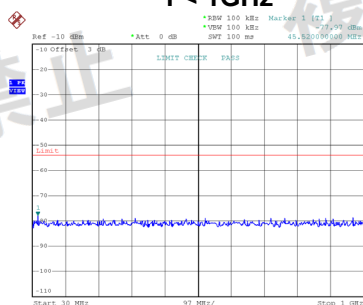
Test Mode: IEEE 802.11a - W52

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	604.24	45.52	594.54	Limit ≤ 4 nW (-54 dBm)
	nW	0.0152	0.0160	0.0130	
	MHz	24900.00	24700.00	24550.00	Limit ≤ 20 nW (-47 dBm)
	nW	0.6982	0.5808	0.5623	

CH36

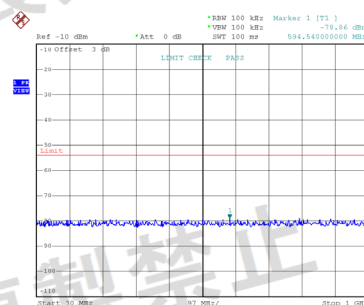


Date: 17.JAN.2026 14:48:49

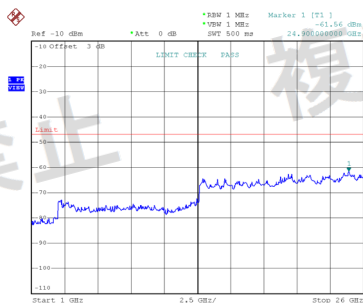
CH40
 $f < 1\text{GHz}$ 

Date: 17.JAN.2026 14:49:16

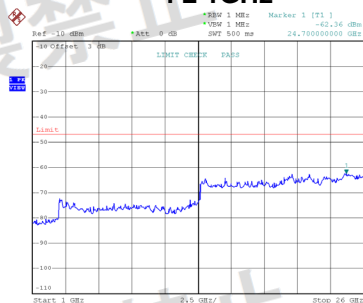
CH48



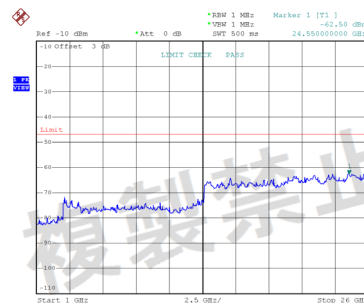
Date: 17.JAN.2026 14:49:39

 $f \geq 1\text{GHz}$ 

Date: 17.JAN.2026 14:48:59



Date: 17.JAN.2026 14:49:26

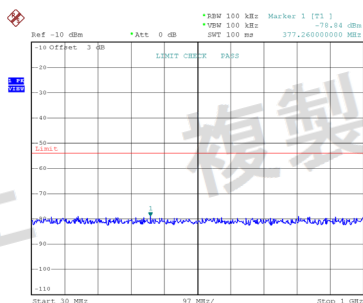
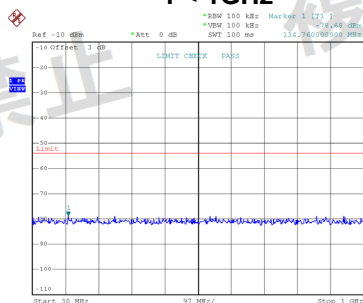


Date: 17.JAN.2026 14:49:49

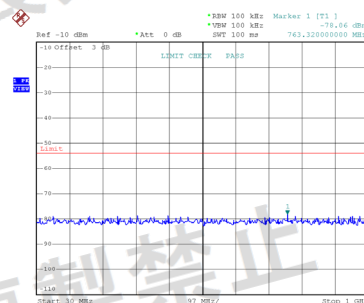
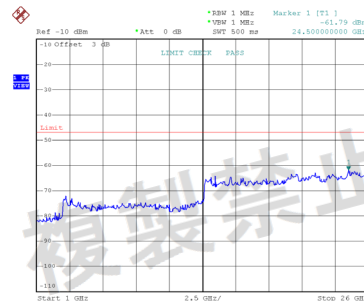
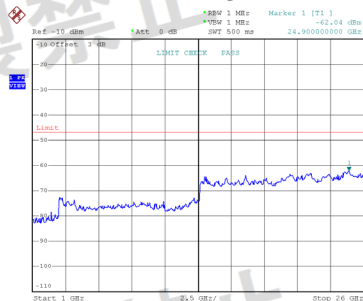
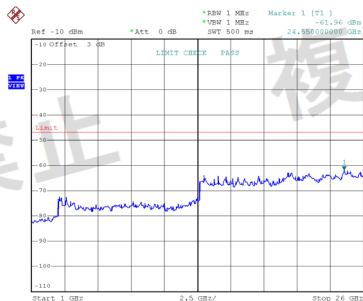
Test Mode: IEEE 802.11ac(VHT20) - W52

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	377.26	134.76	763.32	Limit ≤ 4 nW (-54 dBm)
	nW	0.0131	0.0136	0.0156	
	MHz	24550.00	24900.00	24500.00	Limit ≤ 20 nW (-47 dBm)
	nW	0.6368	0.6252	0.6622	

CH36

CH40
 $f < 1\text{GHz}$ 

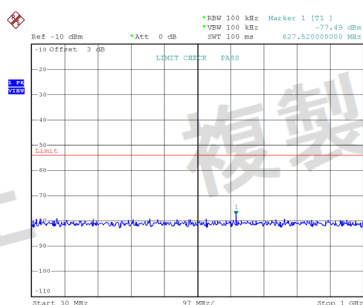
CH48

 $f \geq 1\text{GHz}$ 

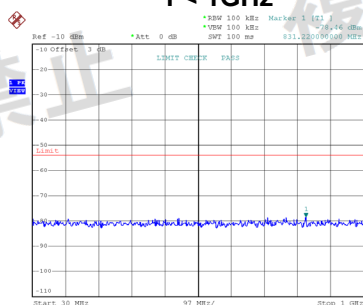
Test Mode: IEEE 802.11ac(VHT40) - W52

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5190	5230	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	627.52	831.22	Limit ≤ 4 nW (-54 dBm)
	nW	0.0178	0.0143	
	MHz	20500.00	23400.00	Limit ≤ 20 nW (-47 dBm)
	nW	0.5888	0.6295	

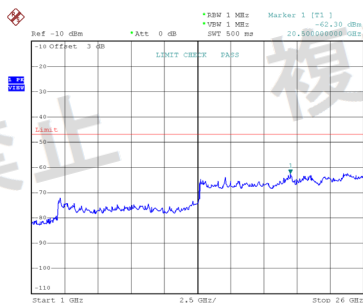
CH38



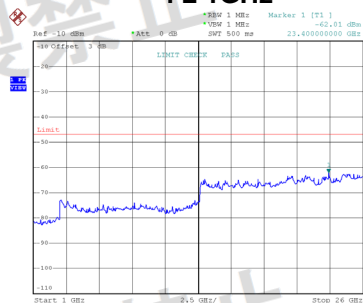
Date: 17.JAN.2026 14:59:19

CH46
f < 1GHz

Date: 17.JAN.2026 14:59:43

f ≥ 1 GHz

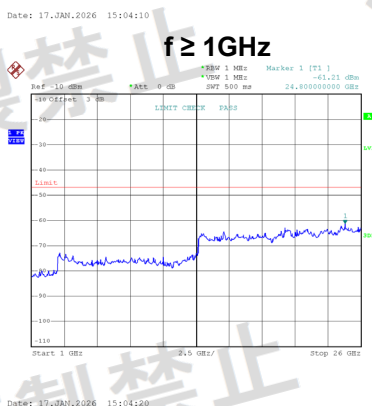
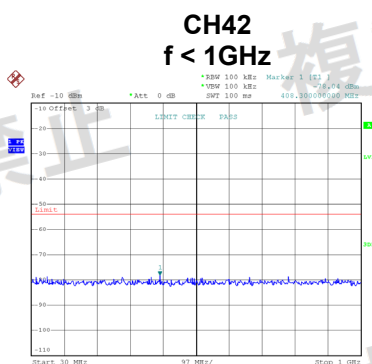
Date: 17.JAN.2026 14:59:29



Date: 17.JAN.2026 14:59:53

Test Mode:	IEEE 802.11ac(VHT80) - W52
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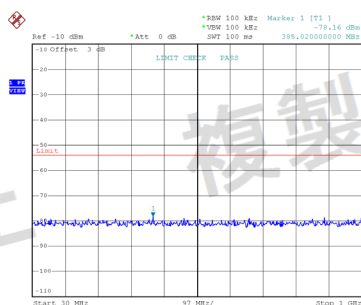
Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5210	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	408.30	Limit ≤ 4 nW (-54 dBm)
	nW	0.0157	
	MHz	24800.00	Limit ≤ 20 nW (-47 dBm)
	nW	0.7568	



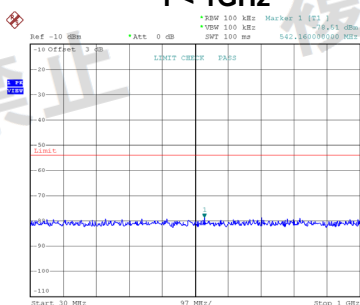
Test Mode: IEEE 802.11a - W53

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	385.02	542.16	986.42	Limit ≤ 4 nW (-54 dBm)
	nW	0.0153	0.0141	0.0140	
	MHz	24550.00	24800.00	24850.00	Limit ≤ 20 nW (-47 dBm)
	nW	0.6053	0.7328	0.6397	

CH52

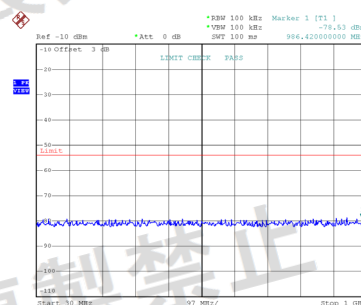


Date: 17.JAN.2026 14:50:03

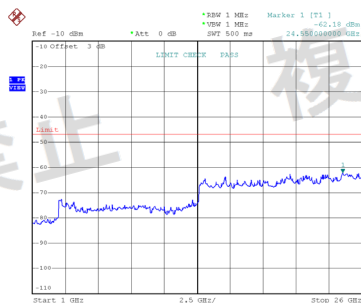
CH60
f < 1GHz

Date: 17.JAN.2026 14:50:25

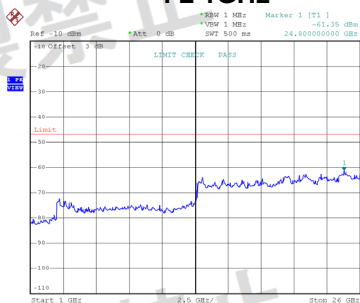
CH64



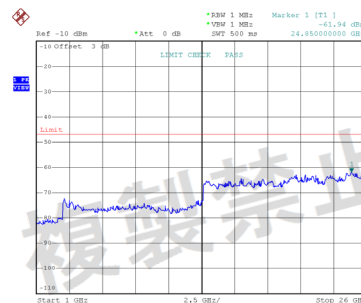
Date: 17.JAN.2026 14:50:49

f $\geq$ 1GHz

Date: 17.JAN.2026 14:50:13



Date: 17.JAN.2026 14:50:35

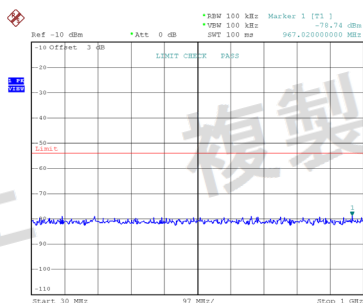


Date: 17.JAN.2026 14:50:59

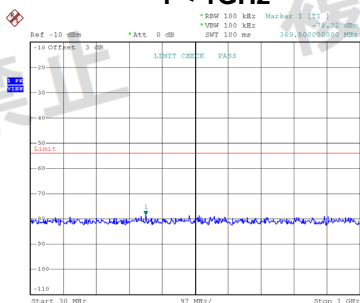
Test Mode: IEEE 802.11ac(VHT20) - W53

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	967.02	369.50	544.10	Limit ≤ 4 nW (-54 dBm)
	nW	0.0134	0.0147	0.0152	
	MHz	23250.00	20550.00	24450.00	Limit ≤ 20 nW (-47 dBm)
	nW	0.6457	0.6194	0.5875	

CH52

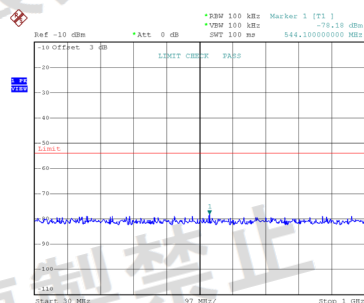


Date: 17.JAN.2026 14:55:42

CH60
f < 1GHz

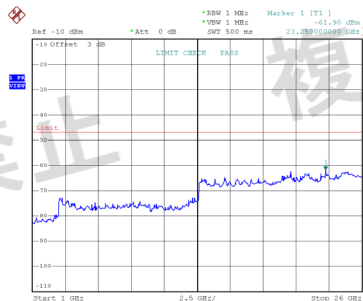
Date: 17.JAN.2026 14:56:25

CH64

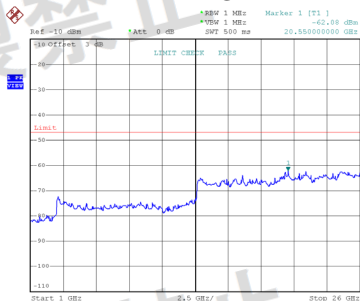


Date: 17.JAN.2026 14:56:46

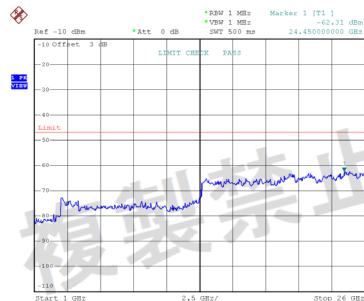
f ≥ 1GHz



Date: 17.JAN.2026 14:55:52



Date: 17.JAN.2026 14:56:35

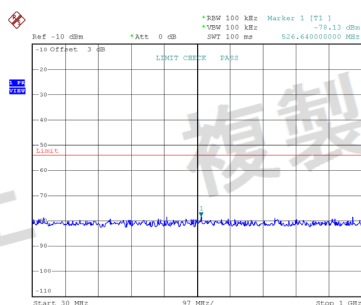


Date: 17.JAN.2026 14:56:56

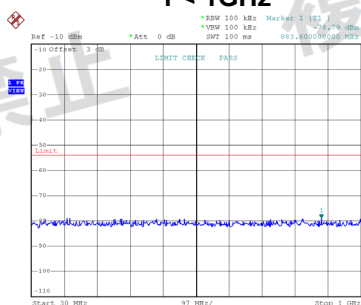
Test Mode: IEEE 802.11ac(VHT40) - W53

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5270	5310	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	526.64	883.60	Limit ≤ 4 nW (-54 dBm)
	nW	0.0154	0.0132	
	MHz	20600.00	24600.00	Limit ≤ 20 nW (-47 dBm)
	nW	0.6486	0.6339	

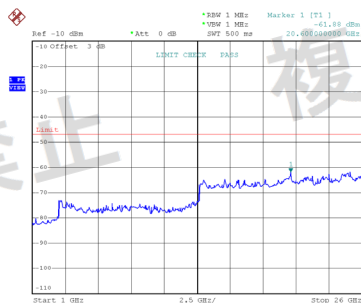
CH54



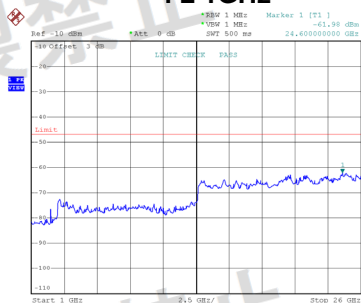
Date: 17.JAN.2026 15:00:21

CH62
f < 1GHz

Date: 17.JAN.2026 15:00:45

f $\geq$ 1GHz

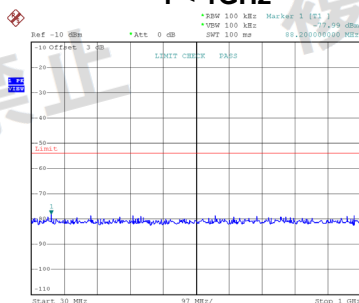
Date: 17.JAN.2026 15:00:31



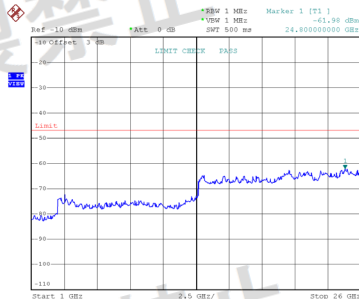
Date: 17.JAN.2026 15:00:55

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	88.20	Limit ≤ 4 nW (-54 dBm)
	nW	0.0159	
	MHz	24800.00	Limit ≤ 20 nW (-47 dBm)
	nW	0.6339	

CH58
 $f < 1\text{GHz}$ 

Date: 17, JAN, 2026 15:05:20

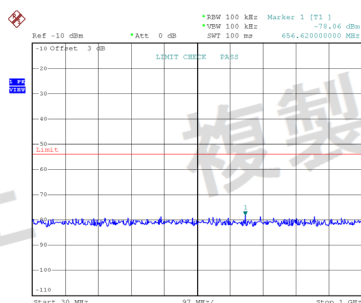
 $f \geq 1\text{GHz}$ 

Date: 17, JAN, 2026 15:05:30

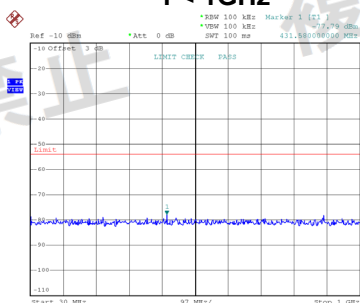
Test Mode: IEEE 802.11a - W56

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	656.62	431.58	452.92	Limit ≤ 4 nW (-54 dBm)
	nW	0.0156	0.0166	0.0195	
	MHz	24850.00	24750.00	24850.00	Limit ≤ 20 nW (-47 dBm)
	nW	0.6295	0.7464	0.7674	

CH100

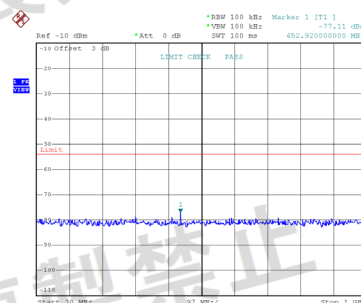


Date: 17.JAN.2026 14:51:10

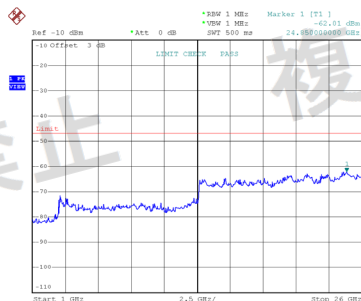
CH120
f < 1GHz

Date: 17.JAN.2026 14:51:58

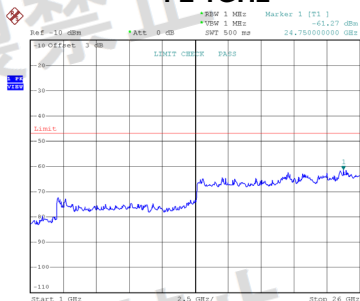
CH144



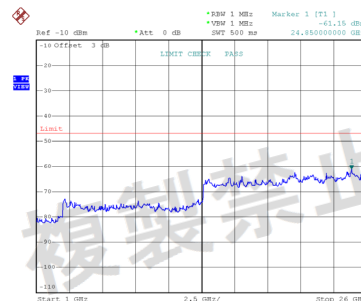
Date: 17.JAN.2026 14:52:24

f $\geq$ 1GHz

Date: 17.JAN.2026 14:51:20



Date: 17.JAN.2026 14:52:08

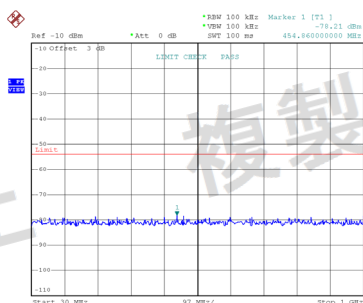


Date: 17.JAN.2026 14:52:34

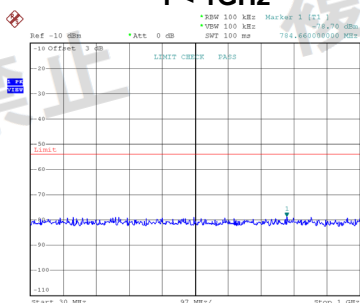
Test Mode: IEEE 802.11ac(VHT20) - W56

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	454.86	784.66	45.52	Limit ≤ 4 nW (-54 dBm)
	nW	0.0151	0.0135	0.0139	
	MHz	24900.00	25050.00	24800.00	Limit ≤ 20 nW (-47 dBm)
	nW	0.5984	0.6095	0.5875	

CH100

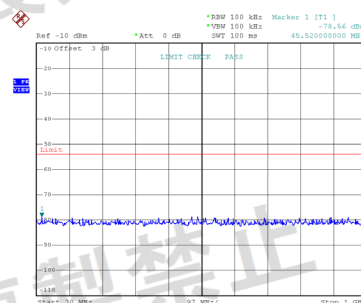


Date: 17.JAN.2026 14:57:07

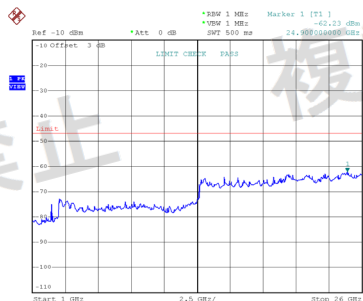
CH120
f < 1GHz

Date: 17.JAN.2026 14:57:31

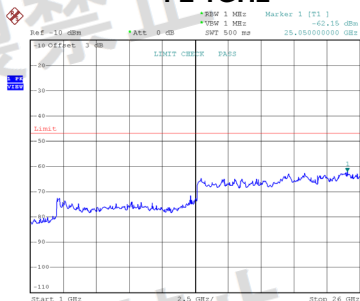
CH144



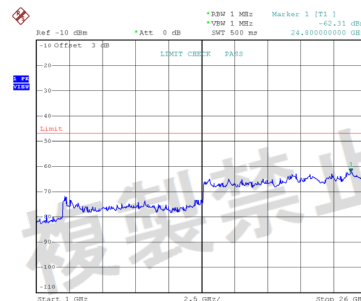
Date: 17.JAN.2026 14:57:51

f $\geq$ 1GHz

Date: 17.JAN.2026 14:57:17



Date: 17.JAN.2026 14:57:41

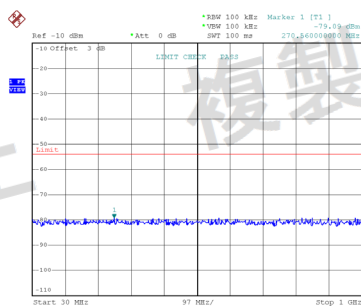


Date: 17.JAN.2026 14:58:02

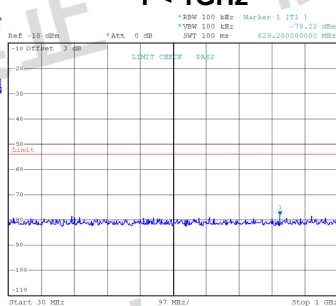
Test Mode: IEEE 802.11ac(VHT40) - W56

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	270.56	829.28	637.22	Limit ≤ 4 nW (-54 dBm)
	nW	0.0123	0.0151	0.0174	
	MHz	24500.00	24500.00	24950.00	Limit ≤ 20 nW (-47 dBm)
	nW	0.5689	0.6745	0.6471	

CH102

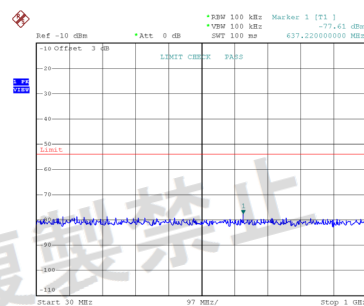


Date: 17.JAN.2026 15:01:20

CH118
f < 1GHz

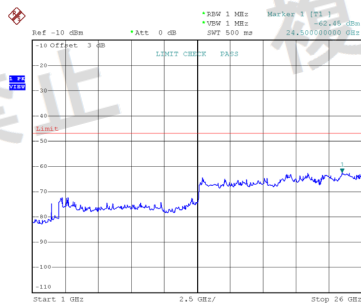
Date: 17.JAN.2026 15:01:52

CH142

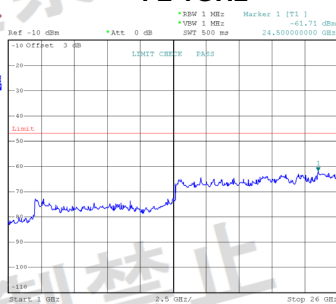


Date: 17.JAN.2026 15:02:32

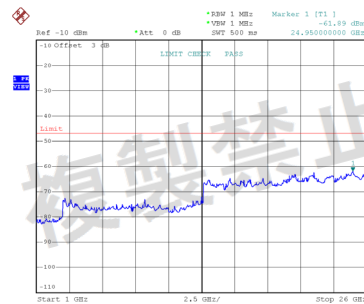
f ≥ 1GHz



Date: 17.JAN.2026 15:01:31



Date: 17.JAN.2026 15:02:03

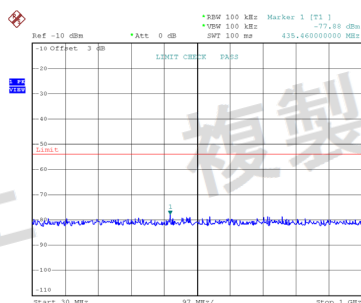


Date: 17.JAN.2026 15:02:42

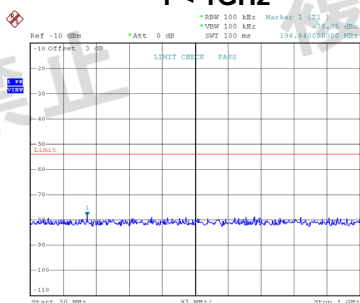
Test Mode: IEEE 802.11ac(VHT80) - W56

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	435.46	196.84	476.20	Limit ≤ 4 nW (-54 dBm)
	nW	0.0163	0.0146	0.0159	
	MHz	24950.00	24850.00	24550.00	Limit ≤ 20 nW (-47 dBm)
	nW	0.5610	0.6776	0.6546	

CH106

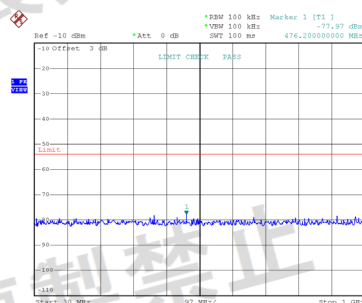


Date: 17.JAN.2026 15:05:49

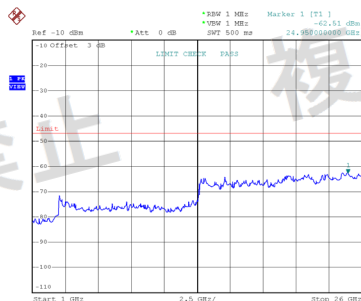
CH122
f < 1GHz

Date: 17.JAN.2026 15:07:07

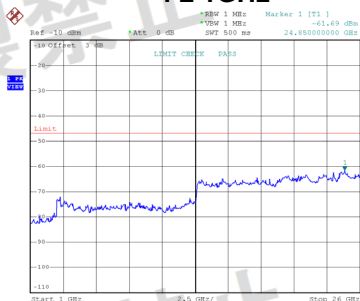
CH138



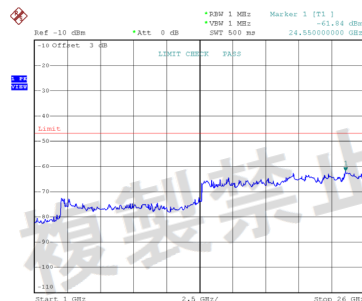
Date: 17.JAN.2026 15:08:11

f $\geq$ 1GHz

Date: 17.JAN.2026 15:05:59



Date: 17.JAN.2026 15:07:17



Date: 17.JAN.2026 15:08:21

APPENDIX G - TRANSMISSION BURST LENGTH

Test Mode:	IEEE 802.11a - W52
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Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.368	1.368	1.368	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	1.284	1.284	1.284	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	0.646	0.646	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	0.582		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	1.368	1.368	1.368	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	1.284	1.284	1.284	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	0.646	0.646	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	0.582		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	1.368	1.368	1.368	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	1.284	1.284	1.284	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	0.646	0.646	0.646	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	0.582	0.582	0.582	Limit ≤ 8msec

APPENDIX H - CARRIER SENSE CAPABILITY

Test Mode:	IEEE 802.11a - W52
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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