

Japan Radio Test Report

Project No. : 2601C073
Equipment : AX3000 Desktop Wi-Fi 6 GPON Access Point
Brand Name : tp-link
Model Name : EAP650GP-Desktop
Applicant : TP-Link Systems Inc.
Address : 10 Mauchly, Irvine, CA 92618
Manufacturer : TP-Link Systems Inc.
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Factory : Lianzhou International Co., Ltd. Guangming Branch
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Date of Receipt : Jan. 07, 2026
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Test Sample : Engineering Sample No.: DG920260107104 for carrier sense capability, DG920260107105 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).

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

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

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

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-JPAP-2-2601C073	R00	Original Report.	Jun. 09, 2026	Invalid
BTL-JPAP-2-2601C073	R01	This report corrected the Adjacent Channel Emitted Power test results unit to “dBc” in Appendix E. It is a revision of the report BTL-JPAP-2-2601C073 R00. This is a newly released report, replacing the BTL-JPAP-2-2601C073 R00 report.	Jun. 15, 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
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 8.14 mW/MHz EIRP
40MHz systems: Below 3.82 mW/MHz EIRP
80MHz systems: Below 2.04 mW/MHz EIRP
160MHz systems: Below 0.93 mW/MHz EIRP

1.1 TEST FACILITY

The test facilities used to collect the test data in this report:

DGDLR08-1/DGDLR09-2: No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

1.2 MEASUREMENT UNCERTAINTY

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

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
Frequency Tolerance	24°C	52%	AC 100V/60Hz	Jensen Zhou
Occupied Bandwidth	24°C	52%	AC 100V/60Hz	Jensen Zhou
Unwanted Emission Intensity	24°C	52%	AC 100V/60Hz	Jensen Zhou
Antenna Power Tolerance	24°C	52%	AC 100V/60Hz	Alex Yin
Adjacent Channel Emitted Power	24°C	52%	AC 100V/60Hz	Jensen Zhou
Limitation of Collateral Emission of Receiver	24°C	52%	AC 100V/60Hz	Jensen Zhou
Transmission Burst Length	24°C	52%	AC 100V/60Hz	Jensen Zhou
Carrier Sense Capability	26°C	52%	AC 100V/60Hz	Bruin Xiao

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	AX3000 Desktop Wi-Fi 6 GPON Access Point
Brand Name	tp-link
Test Model	EAP650GP-Desktop
Model Name	EAP650GP-Desktop
Model Difference(s)	N/A
Hardware Version	1.0
Software Version	1.0
Power Source	DC voltage supplied from AC adapter. Model: T535081-2B4
Power Rating	I/P: 100-240V~ 50/60Hz 1.2A O/P: 53.5V $\approx$ 0.81A
Operation Frequency Band(s)	W52: 5150MHz ~ 5250MHz W53: 5250MHz ~ 5350MHz W56: 5470MHz ~ 5730MHz
Modulation Technology	IEEE 802.11a/n/ac: OFDM IEEE 802.11ax: OFDMA
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 450 Mbps IEEE 802.11ac: up to 2600 Mbps IEEE 802.11ax: up to 3603 Mbps
Occupied Bandwidth	156.16 MHz
Antenna Power - W52 (Rated Power)	IEEE 802.11a: 2.88 mW/MHz IEEE 802.11ac(VHT20): 3.01 mW/MHz IEEE 802.11ac(VHT40): 1.38 mW/MHz IEEE 802.11ac(VHT80): 0.70 mW/MHz IEEE 802.11ax(HE20): 2.90 mW/MHz IEEE 802.11ax(HE40): 1.45 mW/MHz IEEE 802.11ax(HE80): 0.71 mW/MHz
Antenna Power - W53 (Rated Power)	IEEE 802.11a: 2.99 mW/MHz IEEE 802.11ac(VHT20): 2.89 mW/MHz IEEE 802.11ac(VHT40): 1.39 mW/MHz IEEE 802.11ac(VHT80): 0.70 mW/MHz IEEE 802.11ax(HE20): 2.86 mW/MHz IEEE 802.11ax(HE40): 1.44 mW/MHz IEEE 802.11ax(HE80): 0.72 mW/MHz
Antenna Power - W52+W53 (Rated Power)	IEEE 802.11ac(VHT160): 0.35 mW/MHz IEEE 802.11ax(HE160): 0.37 mW/MHz
Antenna Power - W56 (Rated Power)	IEEE 802.11a: 9.29 mW/MHz IEEE 802.11ac(VHT20): 9.86 mW/MHz IEEE 802.11ac(VHT40): 4.62 mW/MHz IEEE 802.11ac(VHT80): 2.44 mW/MHz IEEE 802.11ac(VHT160): 1.08 mW/MHz IEEE 802.11ax(HE20): 9.57 mW/MHz IEEE 802.11ax(HE40): 4.62 mW/MHz IEEE 802.11ax(HE80): 2.48 mW/MHz IEEE 802.11ax(HE160): 1.16 mW/MHz

Antenna Power - W52 (Max. Conducted Power)	IEEE 802.11a: 2.8840 mW/MHz IEEE 802.11ac(VHT20): 3.0130 mW/MHz IEEE 802.11ac(VHT40): 1.3804 mW/MHz IEEE 802.11ac(VHT80): 0.7031 mW/MHz IEEE 802.11ax(HE20): 2.8973 mW/MHz IEEE 802.11ax(HE40): 1.4488 mW/MHz IEEE 802.11ax(HE80): 0.7063 mW/MHz
Antenna Power - W53 (Max. Conducted Power)	IEEE 802.11a: 2.9854 mW/MHz IEEE 802.11ac(VHT20): 2.8907 mW/MHz IEEE 802.11ac(VHT40): 1.3900 mW/MHz IEEE 802.11ac(VHT80): 0.7047 mW/MHz IEEE 802.11ax(HE20): 2.8642 mW/MHz IEEE 802.11ax(HE40): 1.4421 mW/MHz IEEE 802.11ax(HE80): 0.7161 mW/MHz
Antenna Power - W52+W53 (Max. Conducted Power)	IEEE 802.11ac(VHT160): 0.3475 mW/MHz IEEE 802.11ax(HE160): 0.3656 mW/MHz
Antenna Power - W56 (Max. Conducted Power)	IEEE 802.11a: 9.2897 mW/MHz IEEE 802.11ac(VHT20): 9.8628 mW/MHz IEEE 802.11ac(VHT40): 4.6238 mW/MHz IEEE 802.11ac(VHT80): 2.4434 mW/MHz IEEE 802.11ac(VHT160): 1.0765 mW/MHz IEEE 802.11ax(HE20): 9.5719 mW/MHz IEEE 802.11ax(HE40): 4.6238 mW/MHz IEEE 802.11ax(HE80): 2.4831 mW/MHz IEEE 802.11ax(HE160): 1.1561 mW/MHz

Note:

- 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 802.11ax(HE20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
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 802.11ax(HE20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
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 802.11ax(HE20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
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				

IEEE 802.11ac(VHT160) IEEE 802.11ax(HE160)	
Channel	Frequency (MHz)
50	5250
114	5570

3. Table for Filed Antenna Table:

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	TP-Link Systems Inc.	EAP650GP-deskt op-ant1	Dipole	N/A	5.17
2	TP-Link Systems Inc.	EAP650GP-deskt op-ant2	Dipole	N/A	4.39
3	TP-Link Systems Inc.	EAP650GP-deskt op-ant3	Dipole	N/A	4.98

Note:

- 1) The EUT supports CDD. Physically, the EUT provides three completed transmitters and receivers (3T3R).
- 2) All Ant. 1, Ant. 2, Ant. 3 had been pre-tested and found the Ant.1 power is the highest and worst, so only the data of Ant.1 with offset 4.77 dB had been recorded.
- 3) The antenna gain is provided by the manufacturer.

4. Table for Antenna Configuration:

Operating Mode	TX Mode	3TX
IEEE 802.11a		V (Ant. 1+Ant. 2+Ant. 3)
IEEE 802.11n(HT20)		V (Ant. 1+Ant. 2+Ant. 3)
IEEE 802.11n(HT40)		V (Ant. 1+Ant. 2+Ant. 3)
IEEE 802.11ac(VHT20)		V (Ant. 1+Ant. 2+Ant. 3)
IEEE 802.11ac(VHT40)		V (Ant. 1+Ant. 2+Ant. 3)
IEEE 802.11ac(VHT80)		V (Ant. 1+Ant. 2+Ant. 3)
IEEE 802.11ac(VHT160)		V (Ant. 1+Ant. 2+Ant. 3)
IEEE 802.11ax(HE20)		V (Ant. 1+Ant. 2+Ant. 3)
IEEE 802.11ax(HE40)		V (Ant. 1+Ant. 2+Ant. 3)
IEEE 802.11ax(HE80)		V (Ant. 1+Ant. 2+Ant. 3)
IEEE 802.11ax(HE160)		V (Ant. 1+Ant. 2+Ant. 3)

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.

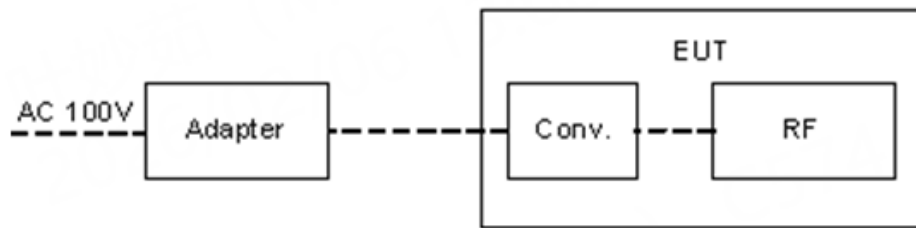
For all test cases pre-scan were completed in all modes to determine worst case levels.

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 802.11ax(HE20) / CH36,CH40,CH48 (W52)
Mode 6	IEEE 802.11ax(HE40) / CH38,CH46 (W52)
Mode 7	IEEE 802.11ax(HE80) / CH42 (W52)
Mode 8	IEEE 802.11a / CH52, CH60,CH64 (W53)
Mode 9	IEEE 802.11ac(VHT20) / CH52,CH60,CH64 (W53)
Mode 10	IEEE 802.11ac(VHT40) / CH54,CH62 (W53)
Mode 11	IEEE 802.11ac(VHT80) / CH58 (W53)
Mode 12	IEEE 802.11ax(HE20) / CH52,CH60,CH64 (W53)
Mode 13	IEEE 802.11ax(HE40) / CH54,CH62 (W53)
Mode 14	IEEE 802.11ax(HE80) / CH58 (W53)
Mode 15	IEEE 802.11ac(VHT160) / CH50 (W52+W53)
Mode 16	IEEE 802.11ax(HE160) / CH50 (W52+W53)
Mode 17	IEEE 802.11a / CH100,CH120,CH144 (W56)
Mode 18	IEEE 802.11ac(VHT20) / CH100,CH120,CH144 (W56)
Mode 19	IEEE 802.11ac(VHT40) / CH102,CH118,CH142 (W56)
Mode 20	IEEE 802.11ac(VHT80) / CH106,CH122,CH138 (W56)
Mode 21	IEEE 802.11ac(VHT160) / CH114 (W56)
Mode 22	IEEE 802.11ax(HE20) / CH100,CH120,CH144 (W56)
Mode 23	IEEE 802.11ax(HE40) / CH102,CH118,CH142 (W56)
Mode 24	IEEE 802.11ax(HE80) / CH106,CH122,CH138 (W56)
Mode 25	IEEE 802.11ax(HE160) / CH114 (W56)

Note:

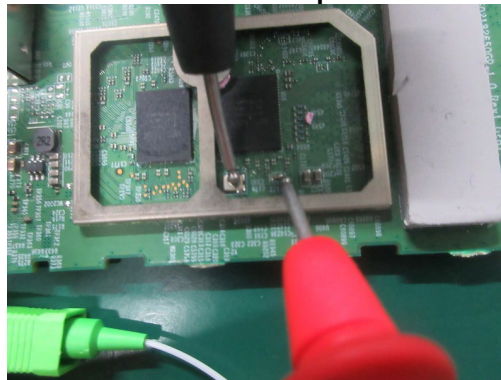
- 1) IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report.
- 2) VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.

Power Supply Voltage Fluctuation Test



Voltage Fluctuation Test	Normal Voltage	High Voltage + 10% of Normal Voltage	Low Voltage - 10% of Normal Voltage
Input: AC Power	100V	110V	90V
Output: DC Power	3.355V	3.355V	3.355V
Voltage Variation (%)	-	0	0

Measurement point



Note:

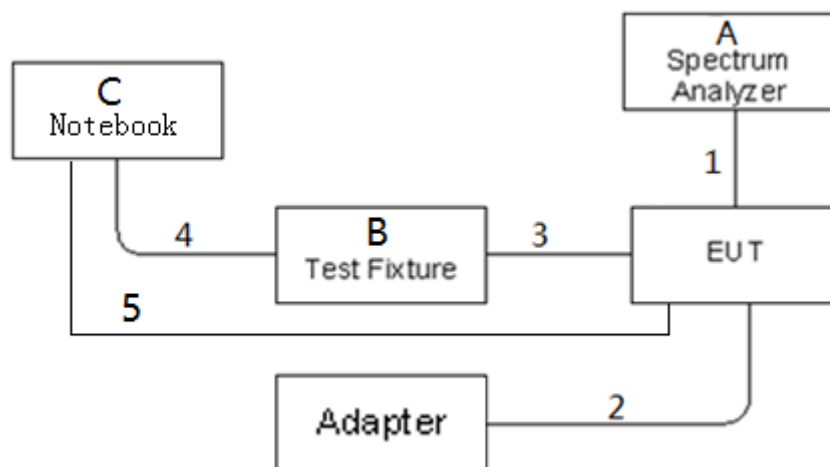
Voltage Variation (%)

= (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	Test Fixture	N/A	N/A	N/A
C	Notebook	HUAWEI	WFH9	N/A

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	RF Cable	YES	NO	0.1m
2	DC Cable	YES	NO	1.2m
3	Control Cable	NO	NO	1.1m
4	USB Cable	NO	NO	1.1m
5	RJ45 Cable	NO	NO	1.2m

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	QATool_Ulv2.73_DLLv6.79		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	9.5	9.5	9.5
IEEE 802.11ac(VHT20)	10	10	9.5
IEEE 802.11ax(HE20)	9.5	9.5	14.5
Frequency (MHz)	5190	5230	
IEEE 802.11ac(VHT40)	10	10	
IEEE 802.11ax(HE40)	9.5	9.5	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	10		
IEEE 802.11ax(HE80)	10.5		

W53			
Test Software Version	QATool_Ulv2.73_DLLv6.79		
Frequency (MHz)	5260	5300	5320
IEEE 802.11a	9.5	9.5	9.5
IEEE 802.11ac(VHT20)	9.5	9.5	9.5
IEEE 802.11ax(HE20)	14	14	10.5
Frequency (MHz)	5270	5310	
IEEE 802.11ac(VHT40)	10	10	
IEEE 802.11ax(HE40)	9.5	9.5	
Frequency (MHz)	5290		
IEEE 802.11ac(VHT80)	10		
IEEE 802.11ax(HE80)	10.5		

W52+W53	
Test Software Version	QATool_Ulv2.73_DLLv6.79
Frequency (MHz)	5250
IEEE 802.11ac(VHT160)	14.5
IEEE 802.11ax(HE160)	14.5

W56			
Test Software Version	QATool_UIv2.73_DLLv6.79		
Frequency (MHz)	5500	5600	5720
IEEE 802.11a	14.5	14	14
IEEE 802.11ac(VHT20)	14.5	14.5	14.5
IEEE 802.11ax(HE20)	15	10	10
Frequency (MHz)	5510	5590	5710
IEEE 802.11ac(VHT40)	14.5	14.5	14.5
IEEE 802.11ax(HE40)	15	14.5	14.5
Frequency (MHz)	5530	5610	5690
IEEE 802.11ac(VHT80)	10	10	14.5
IEEE 802.11ax(HE80)	10.5	10.5	15
Frequency (MHz)	5570		
IEEE 802.11ac(VHT160)	14.5		
IEEE 802.11ax(HE160)	15		

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.

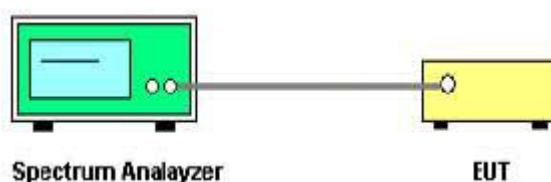
Spectrum Parameter	Setting
Span	500kHz
RBW / VBW	30kHz / 30kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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).

- Frequency accuracy of SA shall be less than 10% of limits tolerance (2ppm).
- Set spectrum analyzer with condition in section 3.1.2 and tune reference level to observe receiving signal position.
- Center Frequency: The center frequency of testing for EUT.
- 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 160MHz systems≤160MHz

3.2.2 SETTING

The following table is the setting of spectrum analyzer.

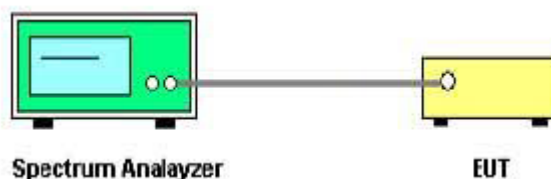
Spectrum Parameter	Setting
Span	20MHz systems: 50MHz 40MHz systems: 80MHz 80MHz systems: 160MHz 160MHz systems: 320MHz
RBW / VBW	300kHz / 300kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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)

Item	Limits
	(See Article 7, Table 3 of the Ordinance Regulating Radio Equipment)
TX Spurious Emission (EIRP) For 160MHz systems -W52+W53	30MHz ~ 5099.6MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	5099.6MHz ~ 5150MHz Limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)
	5350MHz ~ 5400.4MHz Limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)
	5400.4MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
TX Spurious Emission (EIRP) For 160MHz systems -W56	30MHz ~ 5419.6MHz Limit $\leq 12.5 \mu\text{W/MHz}$ (-19.03 dBm/MHz)
	5419.6MHz ~ 5470MHz Limit $\leq 50 \mu\text{W/MHz}$ (-13.01 dBm/MHz)
	5725MHz ~ 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)	21.13	21.13	21.13	21.13	21.13

Note: The cable loss already includes antenna gain.

3.3.2 SETTING

The following table is the setting of spectrum analyzer.

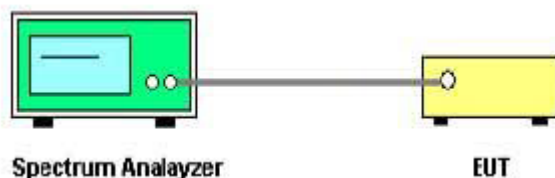
Spectrum Parameter	Setting
RBW / VBW	1MHz / 1MHz
Detector	Positive Peak
Trace	Max Hold
Sweep Time	Auto

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 160MHz systems ≤ 1.25 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 - W52+W53	160MHz systems ≤ 1.25 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 160MHz systems ≤ 6.25 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 160MHz systems: 160MHz
RBW / VBW	1MHz / 1MHz
Detector	RMS
Trace	Max Hold
Sweep Time	Auto

Step 3:

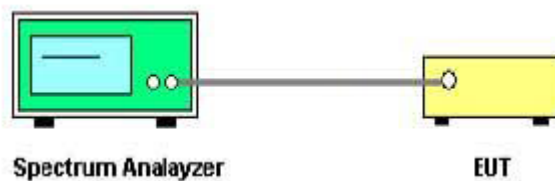
Spectrum Parameter	Setting
Span	0Hz
RBW / VBW	1MHz / 1MHz
Detector	RMS
Trace	Max Hold
Sweep Time	60s

3.4.3 TEST PROCEDURES

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

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

3.4.4 TEST SETUP LAYOUT



3.4.5 TEST DEVIATION

There is no deviation with the original standard.

3.4.6 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

3.4.7 TEST RESULTS

Please refer to the Appendix D.

3.5 ADJACENT CHANNEL EMITTED POWER MEASUREMENT

3.5.1 LIMIT

Item	Limits (See Article 49-20 of the Ordinance Regulating Radio Equipment)
Adjacent Channel Emitted Power	≥ 25 dB $f \pm 20$ 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.

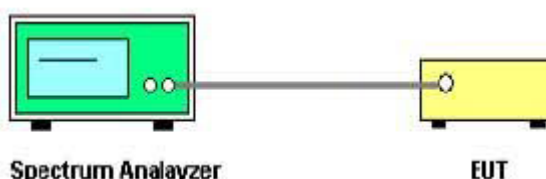
Spectrum Parameter	Setting
Span	20MHz systems: 200MHz 40MHz systems: 400MHz 80MHz systems: 500MHz
RBW / VBW	300kHz / 300kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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).

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

3.5.4 TEST SETUP LAYOUT



3.5.5 TEST DEVIATION

There is no deviation with the original standard.

3.5.6 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

3.5.7 TEST RESULTS

Please refer to the Appendix E.

3.6 LIMITATION OF COLLATERAL EMISSION OF RECEIVER MEASUREMENT

3.6.1 LIMIT

Item	Limits (See Article 24, Paragraph 2 of the Ordinance Regulating Radio Equipment)
RX Spurious Emission	$\leq 4\text{nW}$ ($f < 1\text{GHz}$)
	$\leq 20\text{nW}$ ($1\text{GHz} \leq f$)

Band	W52 / W53 / W56				
Frequency Range	30MHz ~ 1GHz	1GHz ~ 2.5GHz	2.5GHz ~ 6GHz	6GHz ~ 12.5GHz	12.5GHz ~ 26GHz
Cable Loss (dB)	1.03	1.03	1.03	1.03	1.03

3.6.2 SETTING

The following table is the setting of spectrum analyzer.

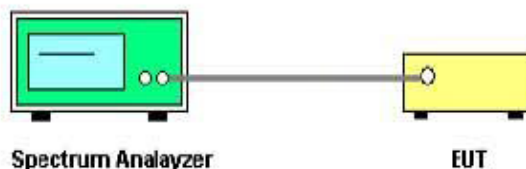
Spectrum Parameter	Setting
RBW / VBW	100 kHz / 100 kHz (30 MHz ~ 1000 MHz) 1MHz / 1MHz (Above 1000MHz)
Detector	Positive Peak
Trace	Max Hold
Sweep Time	Auto

3.6.3 TEST PROCEDURES

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

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

3.6.4 TEST SETUP LAYOUT



3.6.5 TEST DEVIATION

There is no deviation with the original standard.

3.6.6 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously receiving mode.

3.6.7 TEST RESULTS

Please refer to the Appendix F.

3.7 RADIO INTERFERENCE PREVENTION CAPABILITY MEASUREMENT

3.7.1 LIMIT

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

3.7.2 MEASURING ID CODE SOFTWARE

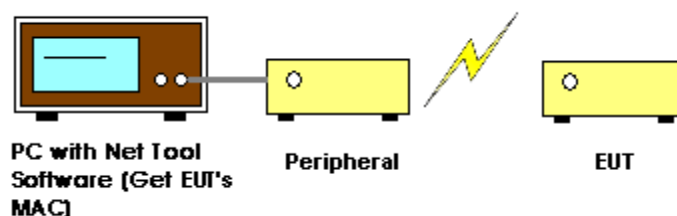
PC with Net Tool	Setting
MAC IP List	MAC Scan

3.7.3 TEST PROCEDURES

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

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

3.7.4 TEST SETUP LAYOUT



3.7.5 TEST DEVIATION

There is no deviation with the original standard.

3.7.6 EUT OPERATION DURING TEST

The EUT was programmed to be in normal mode.

3.7.7 TEST RESULT OF RADIO INTERFERENCE PREVENTION CAPABILITY

Test Power:	Normal Voltage
Test Mode:	IEEE 802.11a
Test Result:	Pass (identification code: [00-FF-10-28-12-43])

MAC Address: 00-FF-10-28-12-43

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.

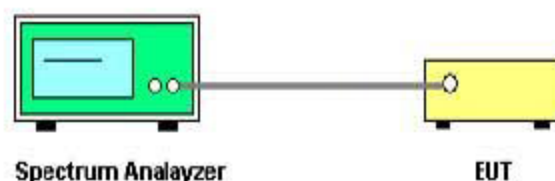
Spectrum Parameter	Setting
Span	0Hz
RBW / VBW	10MHz / 10MHz
Sweep	Single
Detector	Peak
Trigger mode	Video

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.

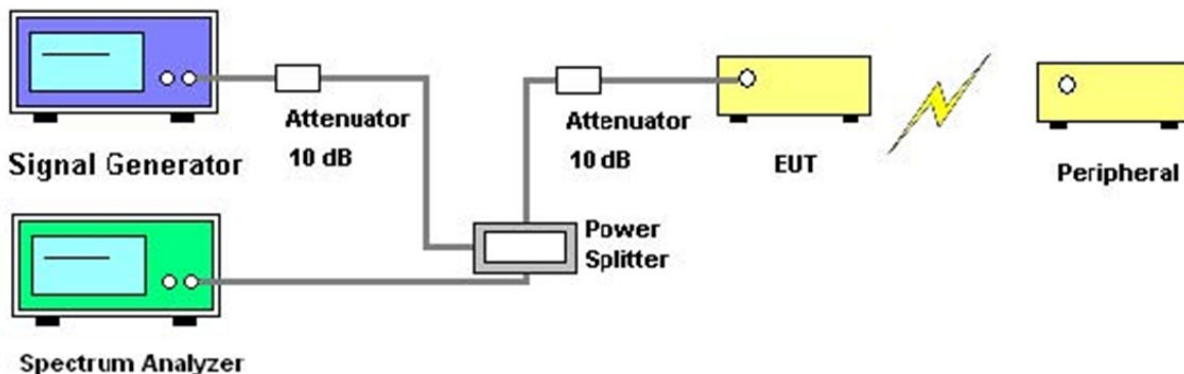
Spectrum Parameter	Setting
Span	20MHz systems: 20MHz 40MHz systems: 40MHz 80MHz systems: 80MHz 160MHz systems: 160MHz
RBW / VBW	1MHz / 1MHz
Sweep	Continuous
Detector	Peak

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

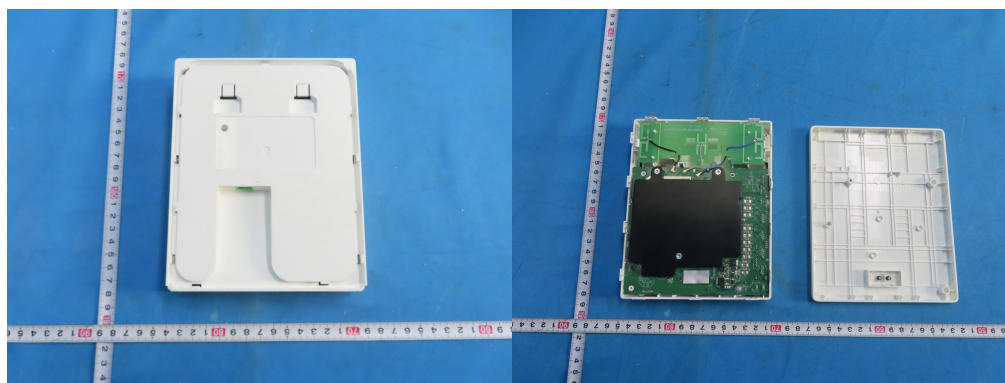
(See Article 49-20 of the Ordinance Regulating Radio Equipment).

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
EXA Spectrum Analyzer	Keysight	N9010A	MY55150209	Oct. 17, 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)	45123773W S	May 17, 2026	CEPREI Calibration and Testing Center	(c)
DC Block	N/A	N/A	N/A	N/A	N/A	-
Measurement Software	BTL	BTL Conducted Test	N/A	N/A	N/A	-
AC power source	Preen	AFC-S-1250	F123080107	Nov. 21, 2026	CEPREI Calibration and Testing Center	(c)
Isolation attenuator	Z-Link	ASMA-16-18-2W	N/A	N/A	N/A	-
EXA Spectrum Analyzer	Agilent	N9010A	MY54200164	Nov. 21, 2026	CEPREI Calibration and Testing Center	(c)
MXG Vector Signal Generator	Agilent	N5182A	MY47420312	May 17, 2026	CEPREI Calibration and Testing Center	(c)
Shielding box	Jiachen	JC-PB2009	200917D018 4A	N/A	N/A	-
Power Splitter	Mini-Circuits	ZN4PD-642W-S +	SN80632161 8-2	May 17, 2026	CEPREI Calibration and Testing Center	(c)
Power Divider	RegalWay	RW-PD4-0118S F30	N/A	May 27, 2026	CEPREI Calibration and Testing Center	(c)
Power Splitter	Regalway	RW-PD2-01018 0SF30	N/A	Nov. 21, 2026	CEPREI Calibration and Testing Center	(c)
Attenuator	Mini-Circuits	VAT-30+	N/A	Nov. 21, 2026	CEPREI Calibration and Testing Center	(c)
Attenuator	N/A	N/A	N/A	N/A	N/A	-
DC Block	N/A	N/A	N/A	N/A	N/A	-
DC Block	N/A	N/A	N/A	N/A	N/A	-
Notebook	Lenovo	Xiaoxin Air 14	N/A	N/A	N/A	-
Cable	RegalWay	N/A	RWP50-402- SMSM-1M	N/A	N/A	-
Cable	Woke	N/A	N/A	N/A	N/A	-
Cable	RegalWay	N/A	RWP50-402- SMSM-1M	N/A	N/A	-
Cable	RegalWay	N/A	RWP50-402- SMSM-1M	N/A	N/A	-
Cable	RegalWay	N/A	RWP50-402- SMSM-1M	N/A	N/A	-

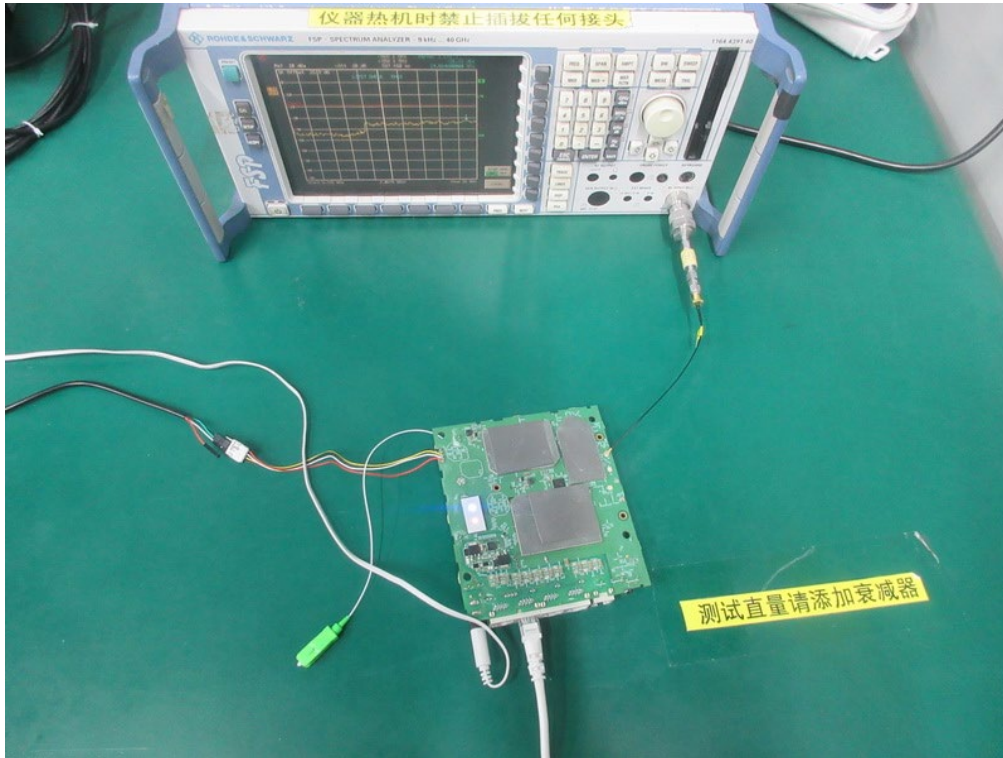
Remark:

- 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.

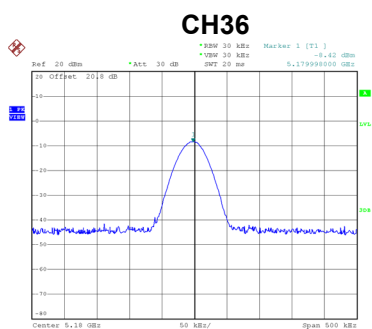
5. EUT TEST PHOTO



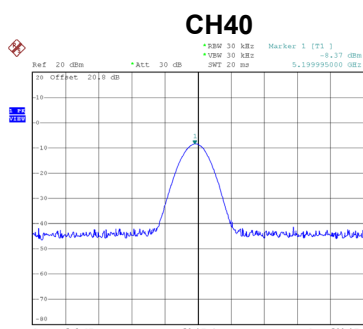
APPENDIX A - FREQUENCY TOLERANCE

Test Mode: IEEE 802.11a - W52

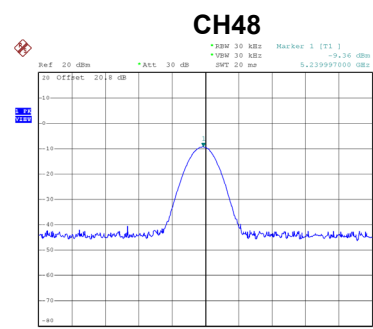
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5179.9980	5199.9950	5239.9970	-
Frequency Tolerance (ppm)	-0.39	-0.96	-0.57	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 26.JAN.2026 16:42:03



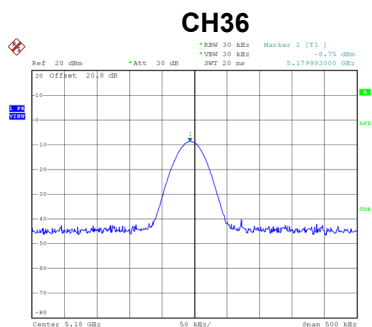
Date: 26.JAN.2026 16:42:39



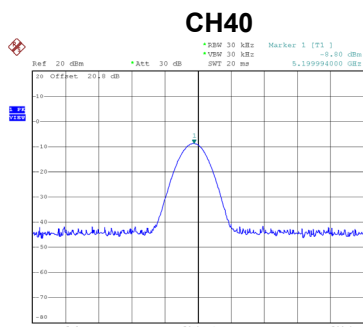
Date: 26.JAN.2026 16:42:55

Test Mode: IEEE 802.11ac(VHT20) - W52

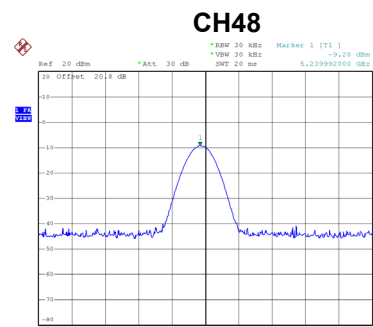
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5179.9930	5199.9940	5239.9920	-
Frequency Tolerance (ppm)	-1.35	-1.15	-1.53	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 26.JAN.2026 16:46:29



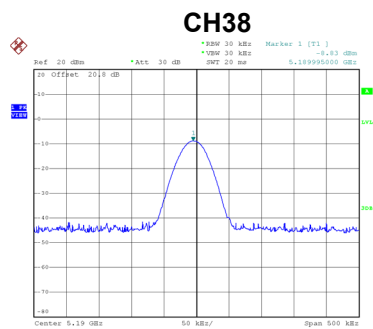
Date: 26.JAN.2026 16:47:11



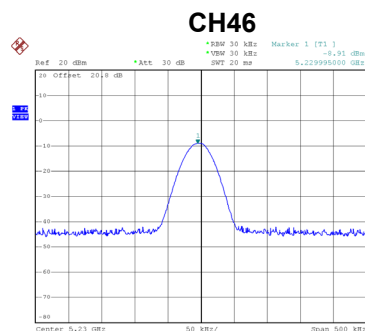
Date: 26.JAN.2026 16:47:33

Test Mode: IEEE 802.11ac(VHT40) - W52

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5190	5230	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5189.9950	5229.9950	-
Frequency Tolerance (ppm)	-0.96	-0.96	Limit: $-20 \leq \text{ppm} \leq 20$



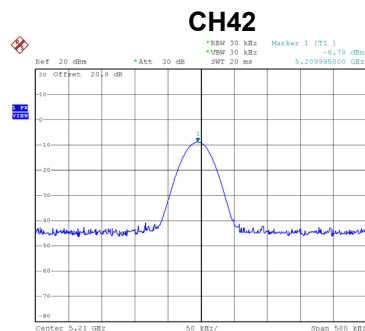
Date: 26.JAN.2026 17:01:26



Date: 26.JAN.2026 17:01:48

Test Mode: IEEE 802.11ac(VHT80) - W52

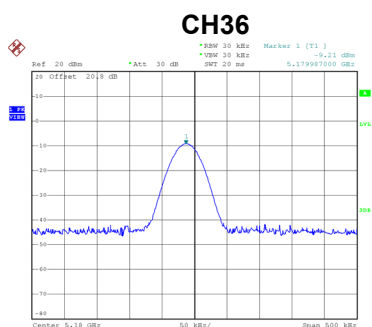
Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5210	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5209.9950	-
Frequency Tolerance (ppm)	-0.96	Limit: $-20 \leq \text{ppm} \leq 20$



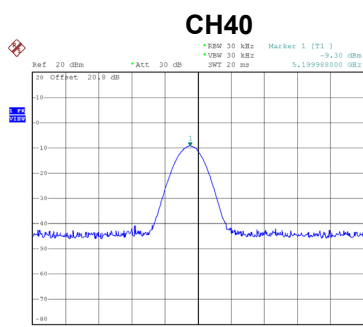
Date: 26.JAN.2026 17:09:41

Test Mode: IEEE 802.11ax(HE20) - W52

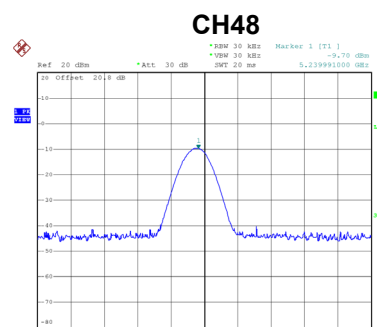
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5179.9870	5199.9880	5239.9910	-
Frequency Tolerance (ppm)	-2.51	-2.31	-1.72	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 26.JAN.2026 16:54:33



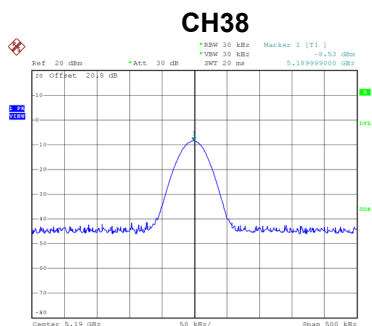
Date: 26.JAN.2026 16:55:12



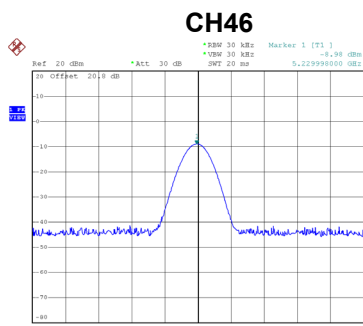
Date: 26.JAN.2026 16:55:43

Test Mode: IEEE 802.11ax(HE40) - W52

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5190	5230	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5189.9990	5229.9980	-
Frequency Tolerance (ppm)	-0.19	-0.38	Limit: $-20 \leq \text{ppm} \leq 20$



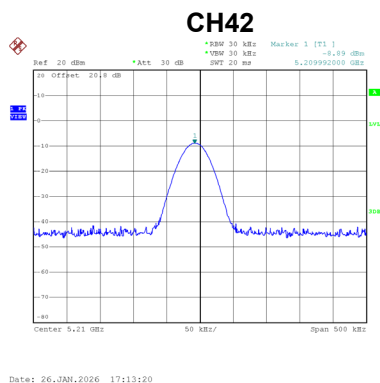
Date: 26.JAN.2026 17:05:00



Date: 26.JAN.2026 17:05:19

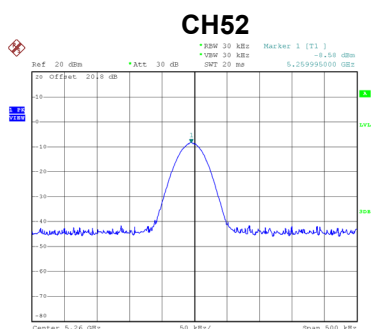
Test Mode:	IEEE 802.11ax(HE80) - W52
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Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5210	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5209.9920	-
Frequency Tolerance (ppm)	-1.54	Limit: $-20 \leq \text{ppm} \leq 20$

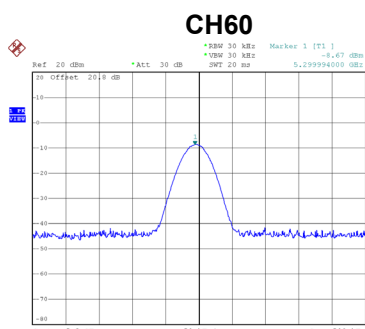


Test Mode: IEEE 802.11a - W53

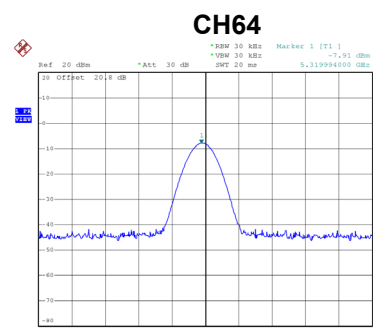
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5259.9950	5299.9940	5319.9940	-
Frequency Tolerance (ppm)	-0.95	-1.13	-1.13	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 26.JAN.2026 16:43:15



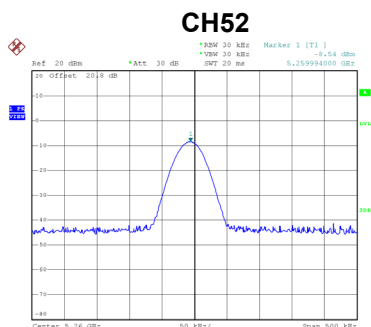
Date: 26.JAN.2026 16:43:34



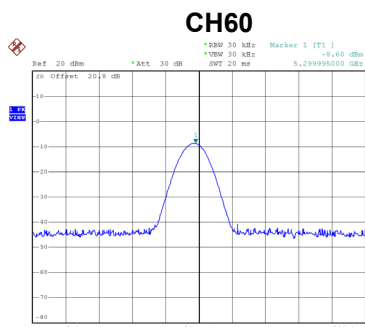
Date: 26.JAN.2026 16:44:02

Test Mode: IEEE 802.11ac(VHT20) - W53

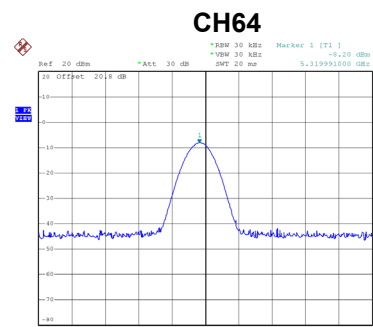
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5259.9940	5299.9950	5319.9910	-
Frequency Tolerance (ppm)	-1.14	-0.94	-1.69	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 26.JAN.2026 16:47:54



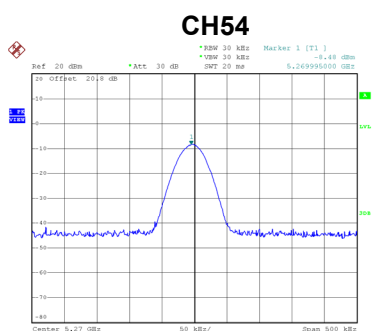
Date: 26.JAN.2026 16:48:40



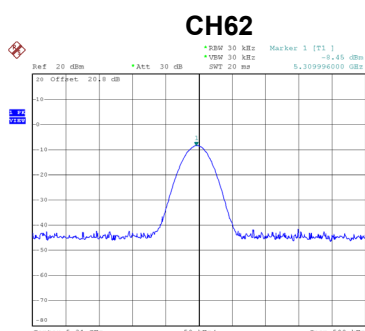
Date: 26.JAN.2026 16:49:30

Test Mode: IEEE 802.11ac(VHT40) - W53

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5270	5310	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5269.9950	5309.9960	-
Frequency Tolerance (ppm)	-0.95	-0.75	Limit: $-20 \leq \text{ppm} \leq 20$



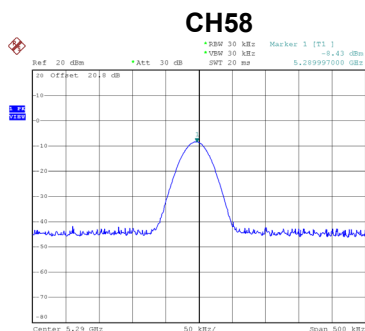
Date: 26.JAN.2026 17:02:22



Date: 26.JAN.2026 17:02:41

Test Mode: IEEE 802.11ac(VHT80) - W53

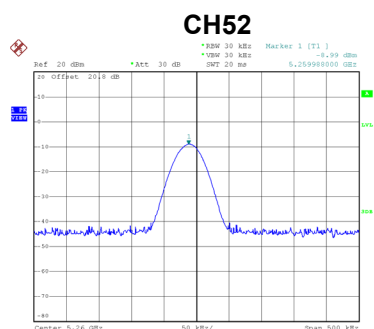
Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5290	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5289.9970	-
Frequency Tolerance (ppm)	-0.57	Limit: $-20 \leq \text{ppm} \leq 20$



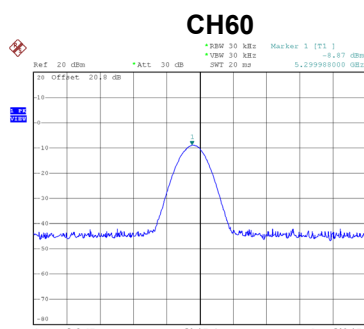
Date: 26.JAN.2026 17:10:11

Test Mode: IEEE 802.11ax(HE20) - W53

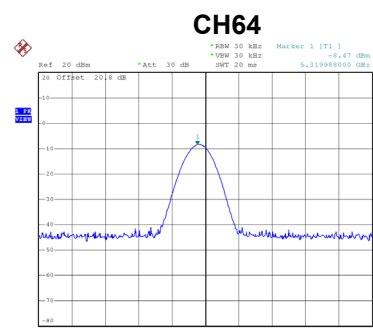
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5259.9880	5299.9880	5319.9880	-
Frequency Tolerance (ppm)	-2.28	-2.26	-2.26	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 26.JAN.2026 16:56:14



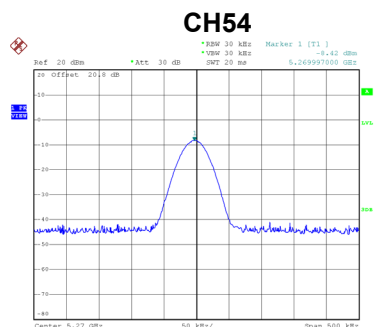
Date: 26.JAN.2026 16:56:38



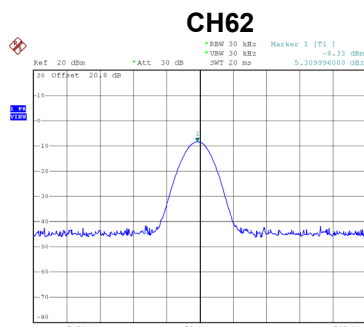
Date: 26.JAN.2026 16:57:10

Test Mode: IEEE 802.11ax(HE40) - W53

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5270	5310	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5269.9970	5309.9960	-
Frequency Tolerance (ppm)	-0.57	-0.75	Limit: $-20 \leq \text{ppm} \leq 20$



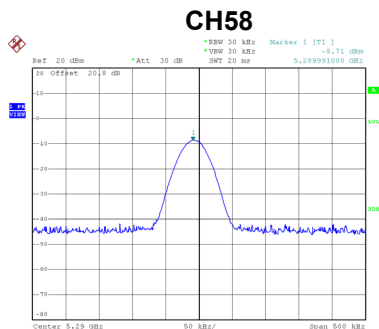
Date: 26.JAN.2026 17:06:09



Date: 26.JAN.2026 17:06:49

Test Mode:	IEEE 802.11ax(HE80) - W53
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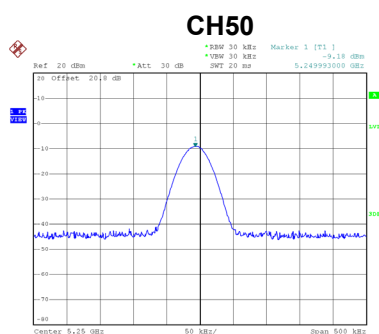
Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5290	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5289.9910	-
Frequency Tolerance (ppm)	-1.70	Limit: -20≤ppm≤20



Date: 26.JAN.2026 17:13:54

Test Mode: IEEE 802.11ac(VHT160) - W52+W53

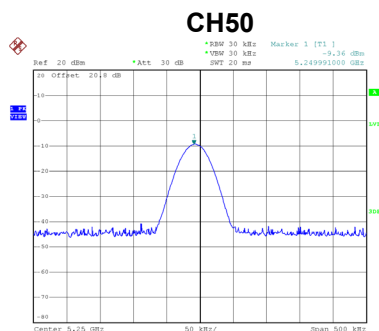
Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5250	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5249.9930	-
Frequency Tolerance (ppm)	-1.33	Limit: -20≤ppm≤20



Date: 26.JAN.2026 17:16:51

Test Mode: IEEE 802.11ax(HE160) - W52+W53

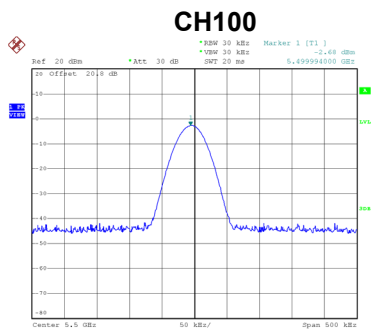
Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5250	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5249.9910	-
Frequency Tolerance (ppm)	-1.71	Limit: -20≤ppm≤20



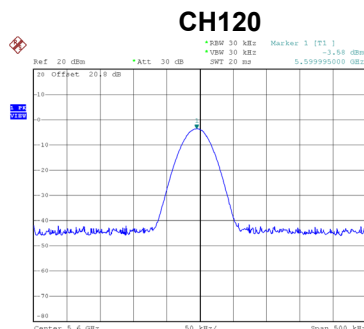
Date: 26.JAN.2026 17:18:54

Test Mode: IEEE 802.11a - W56

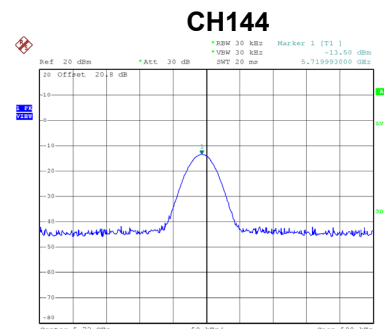
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5499.9940	5599.9950	5719.9930	-
Frequency Tolerance (ppm)	-1.09	-0.89	-1.22	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 26.JAN.2026 16:44:25



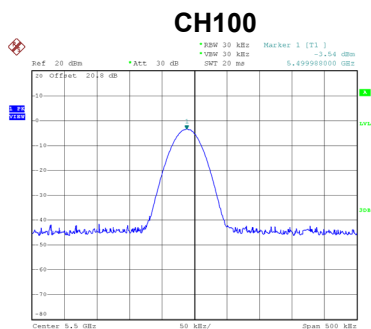
Date: 26.JAN.2026 16:44:50



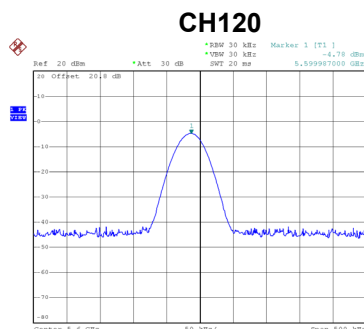
Date: 26.JAN.2026 16:45:46

Test Mode: IEEE 802.11ac(VHT20) - W56

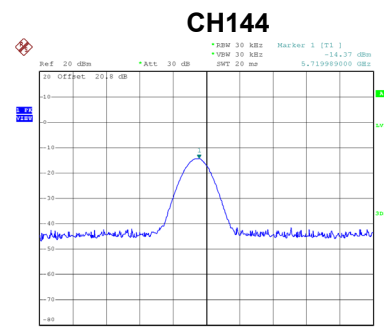
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5499.9880	5599.9870	5719.9890	-
Frequency Tolerance (ppm)	-2.18	-2.32	-1.92	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 26.JAN.2026 16:51:17



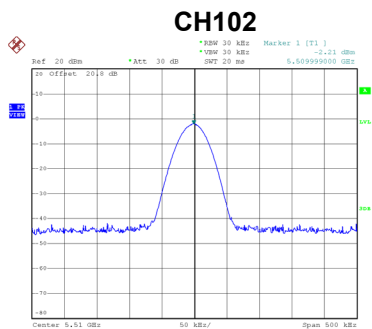
Date: 26.JAN.2026 16:53:13



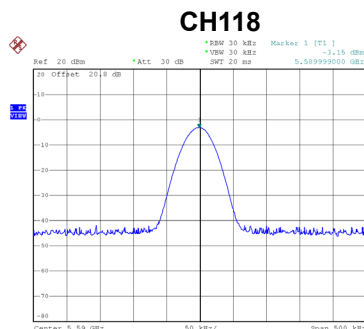
Date: 26.JAN.2026 16:53:48

Test Mode: IEEE 802.11ac(VHT40) - W56

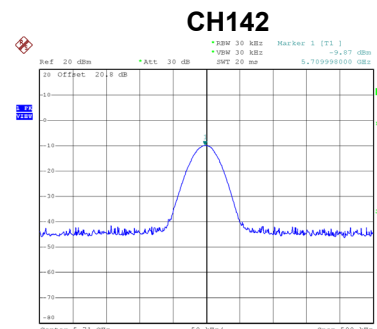
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5510	5590	5710	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5509.9990	5589.9990	5709.9980	-
Frequency Tolerance (ppm)	-0.18	-0.18	-0.35	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 26.JAN.2026 17:03:21



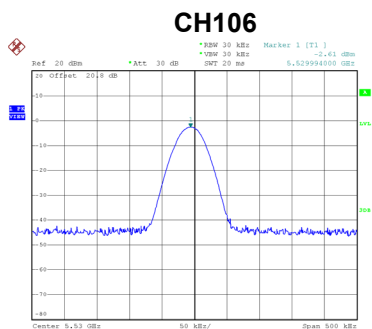
Date: 26.JAN.2026 17:03:45



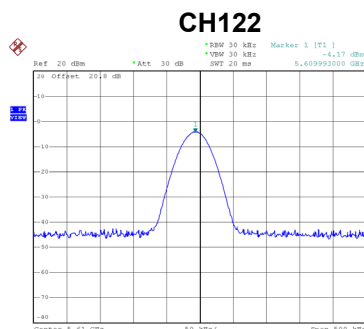
Date: 26.JAN.2026 17:04:08

Test Mode: IEEE 802.11ac(VHT80) - W56

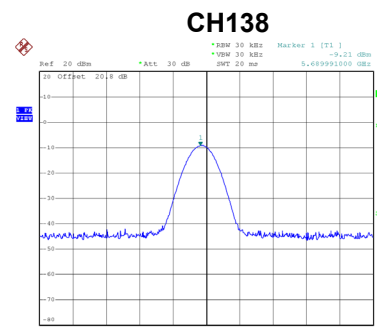
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5530	5610	5690	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5529.9940	5609.9930	5689.9910	-
Frequency Tolerance (ppm)	-1.08	-1.25	-1.58	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 26.JAN.2026 17:11:03



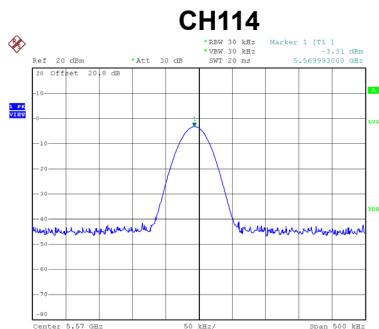
Date: 26.JAN.2026 17:11:34



Date: 26.JAN.2026 17:12:05

Test Mode:	IEEE 802.11ac(VHT160) - W56
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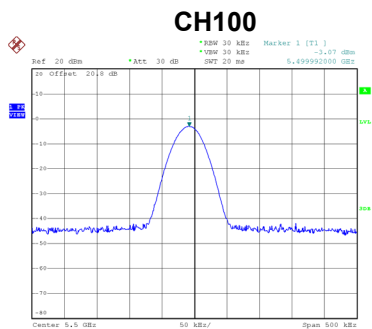
Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5570	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5569.9930	-
Frequency Tolerance (ppm)	-1.26	Limit: -20≤ppm≤20



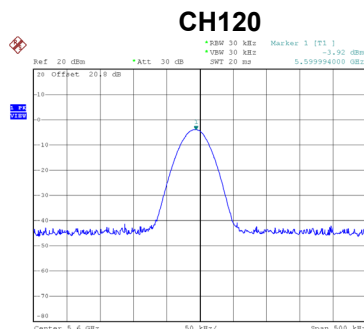
Date: 26.JAN.2026 17:17:30

Test Mode: IEEE 802.11ax(HE20) - W56

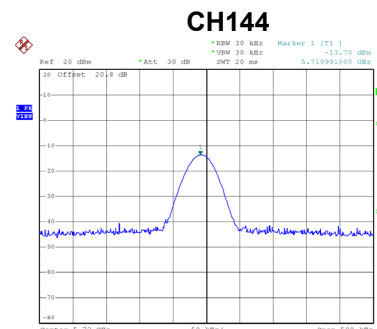
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5499.9920	5599.9940	5719.9910	-
Frequency Tolerance (ppm)	-1.45	-1.07	-1.57	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 26.JAN.2026 16:57:40



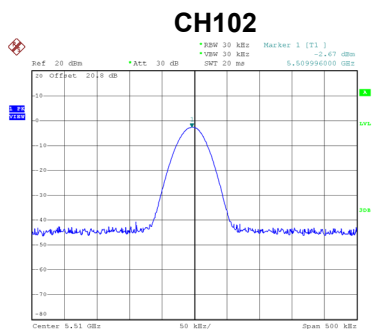
Date: 26.JAN.2026 16:58:16



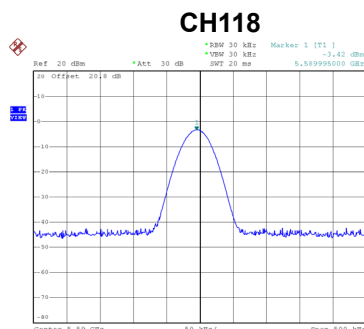
Date: 26.JAN.2026 16:59:40

Test Mode: IEEE 802.11ax(HE40) - W56

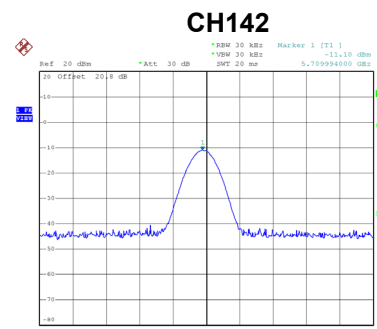
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5510	5590	5710	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5509.9960	5589.9950	5709.9940	-
Frequency Tolerance (ppm)	-0.73	-0.89	-1.05	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 26.JAN.2026 17:07:14



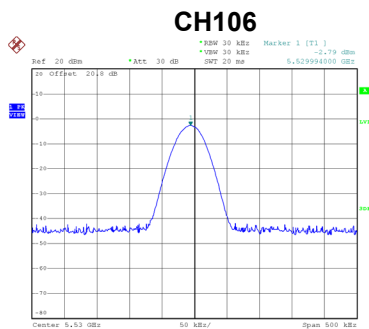
Date: 26.JAN.2026 17:07:50



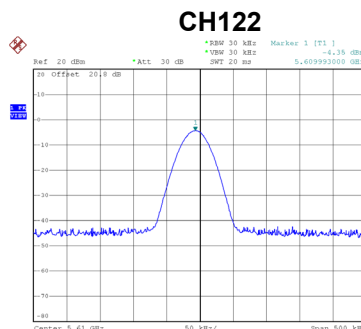
Date: 26.JAN.2026 17:08:30

Test Mode: IEEE 802.11ax(HE80) - W56

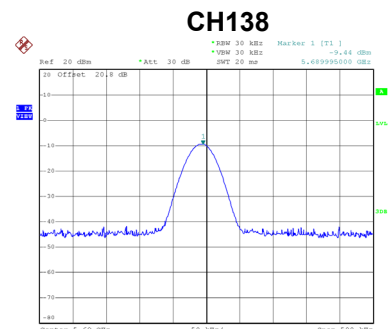
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5530	5610	5690	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5529.9940	5609.9930	5689.9950	-
Frequency Tolerance (ppm)	-1.08	-1.25	-0.88	Limit: $-20 \leq \text{ppm} \leq 20$



Date: 26.JAN.2026 17:14:39



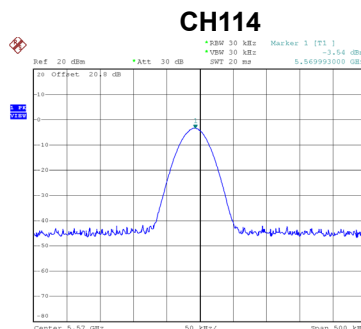
Date: 26.JAN.2026 17:15:02



Date: 26.JAN.2026 17:15:24

Test Mode: IEEE 802.11ax(HE160) - W56

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5570	Low/Mid/High of test frequency range
Measured Frequency (MHz)	5569.9930	-
Frequency Tolerance (ppm)	-1.26	Limit: $-20 \leq \text{ppm} \leq 20$

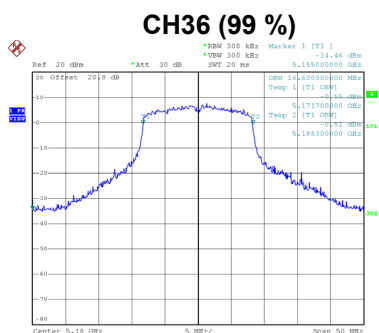


Date: 26.JAN.2026 17:19:22

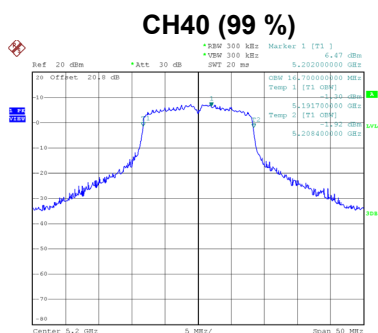
APPENDIX B - OCCUPIED BANDWIDTH

Test Mode: IEEE 802.11a - W52

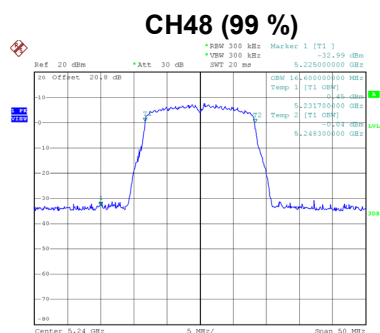
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	16.60	16.70	16.60	Limit ≤ 20 MHz



Date: 26.JAN.2026 12:00:23



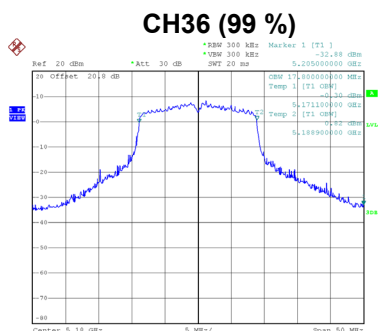
Date: 26.JAN.2026 12:00:39



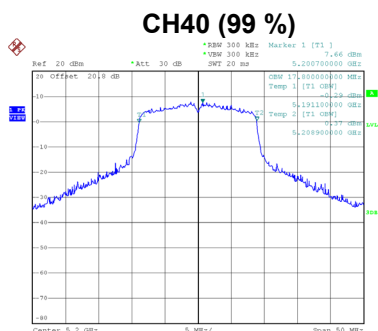
Date: 26.JAN.2026 12:01:00

Test Mode: IEEE 802.11ac(VHT20) - W52

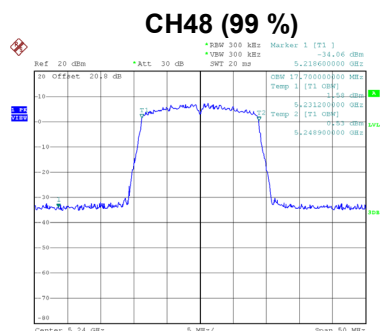
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	17.80	17.80	17.70	Limit ≤ 20 MHz



Date: 26.JAN.2026 12:06:08



Date: 26.JAN.2026 12:06:25

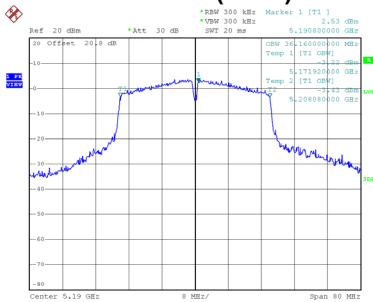


Date: 26.JAN.2026 12:06:49

Test Mode: IEEE 802.11ac(VHT40) - W52

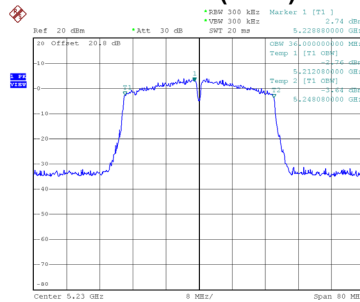
Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5190	5230	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	36.16	36.00	Limit $\leq$ 40 MHz

CH38 (99 %)



Date: 26.JAN.2026 12:18:15

CH46 (99 %)

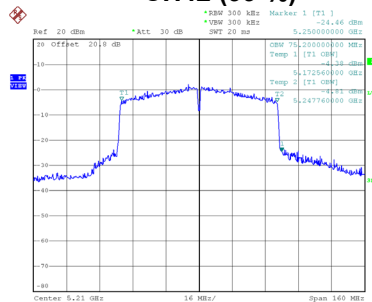


Date: 26.JAN.2026 12:18:36

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)	75.20		Limit $\leq$ 80 MHz

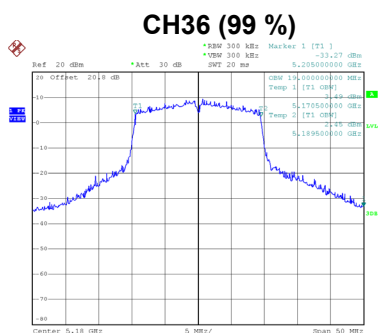
CH42 (99 %)



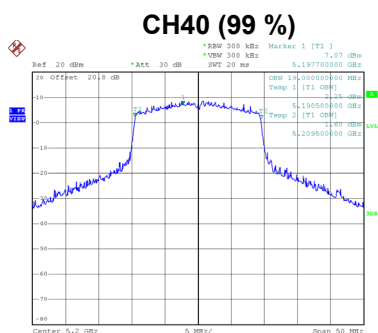
Date: 26.JAN.2026 12:40:05

Test Mode: IEEE 802.11ax(HE20) - W52

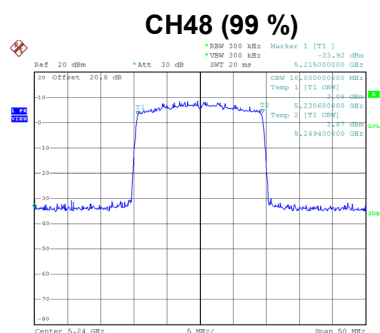
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	19.00	19.00	18.80	Limit ≤ 20 MHz



Date: 26.JAN.2026 12:12:28



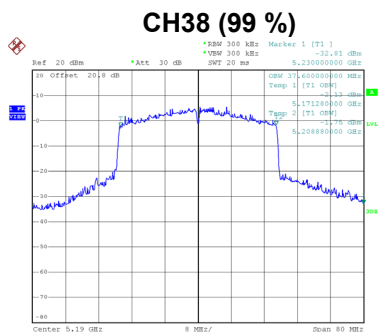
Date: 26.JAN.2026 12:12:46



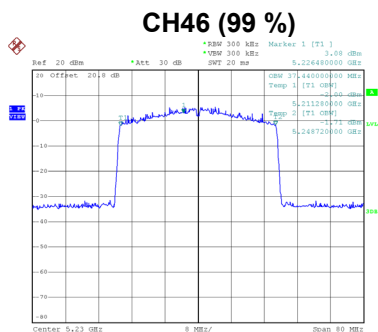
Date: 26.JAN.2026 12:13:07

Test Mode: IEEE 802.11ax(HE40) - W52

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5190	5230	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	37.60	37.44	Limit ≤ 40 MHz



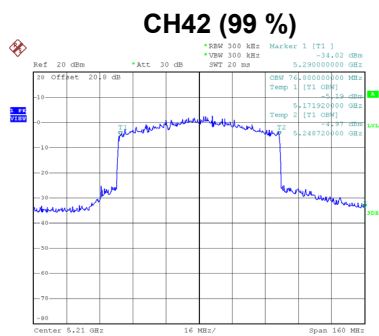
Date: 26.JAN.2026 12:21:26



Date: 26.JAN.2026 12:21:46

Test Mode:	IEEE 802.11ax(HE80) - W52
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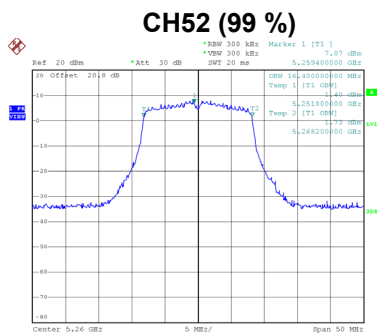
Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5210	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	76.80	Limit ≤ 80 MHz



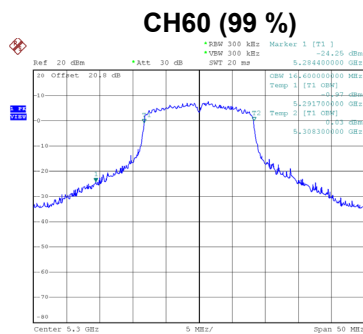
Date: 26.JAN.2026 12:42:21

Test Mode: IEEE 802.11a - W53

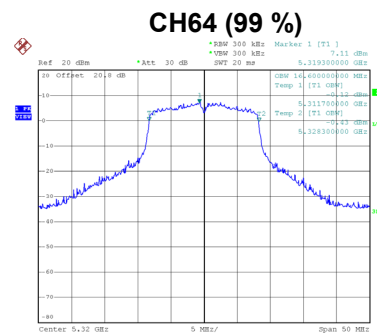
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	16.40	16.60	16.60	Limit ≤ 20 MHz



Date: 26.JAN.2026 12:01:52



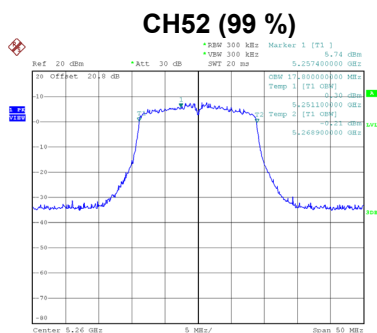
Date: 26.JAN.2026 12:02:47



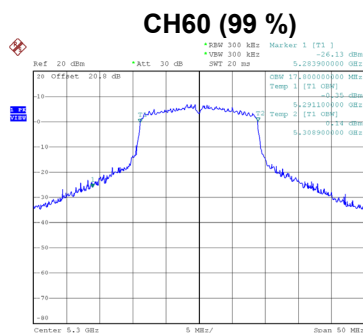
Date: 26.JAN.2026 12:03:08

Test Mode: IEEE 802.11ac(VHT20) - W53

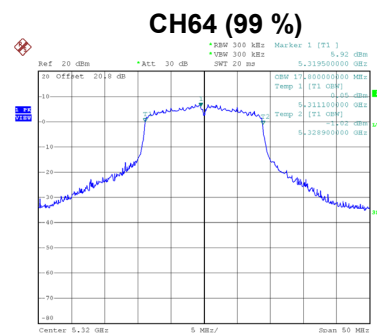
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	17.80	17.80	17.80	Limit ≤ 20 MHz



Date: 26.JAN.2026 12:09:36



Date: 26.JAN.2026 12:10:24

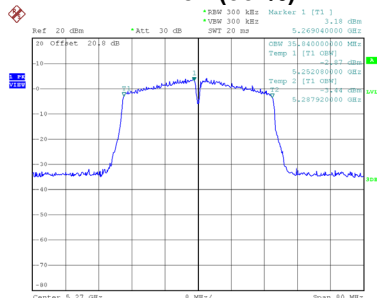


Date: 26.JAN.2026 12:10:44

Test Mode: IEEE 802.11ac(VHT40) - W53

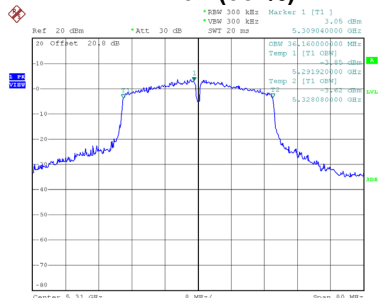
Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5270	5310	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	35.84	36.16	Limit ≤ 40 MHz

CH54 (99 %)



Date: 26.JAN.2026 12:18:54

CH62 (99 %)

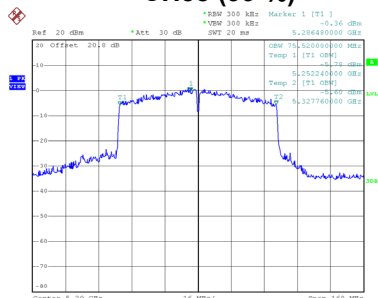


Date: 26.JAN.2026 12:19:17

Test Mode: IEEE 802.11ac(VHT80) - W53

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5290		Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	75.52		Limit ≤ 80 MHz

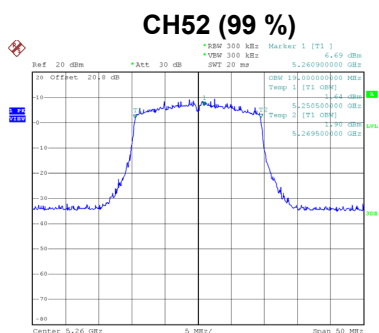
CH58 (99 %)



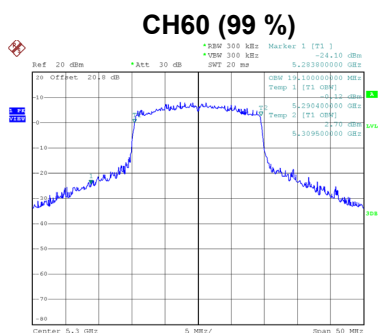
Date: 26.JAN.2026 12:40:34

Test Mode: IEEE 802.11ax(HE20) - W53

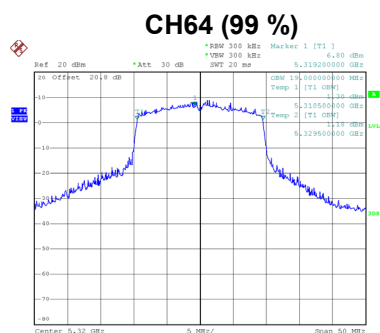
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	19.00	19.10	19.00	Limit ≤ 20 MHz



Date: 26.JAN.2026 12:13:24



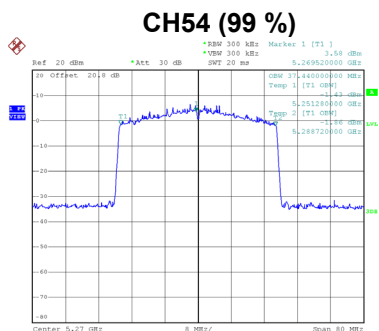
Date: 26.JAN.2026 12:13:43



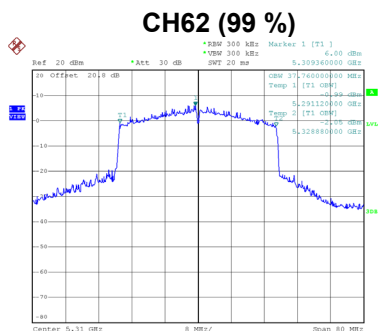
Date: 26.JAN.2026 12:14:02

Test Mode: IEEE 802.11ax(HE40) - W53

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5270	5310	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	37.44	37.76	Limit ≤ 40 MHz



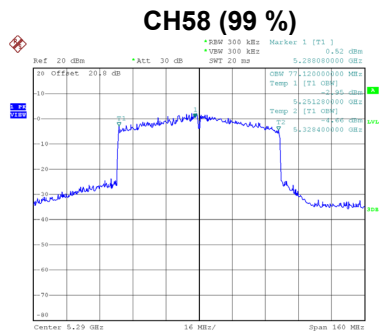
Date: 26.JAN.2026 12:22:04



Date: 26.JAN.2026 12:22:25

Test Mode:	IEEE 802.11ax(HE80) - W53
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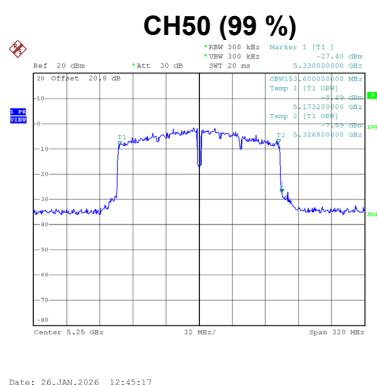
Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5290	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	77.12	Limit ≤ 80 MHz



Date: 26.JAN.2026 12:42:43

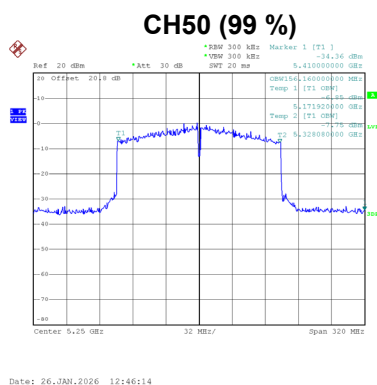
Test Mode: IEEE 802.11ac(VHT160) - W52+W53

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5250	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	153.60	Limit $\leq$ 160 MHz



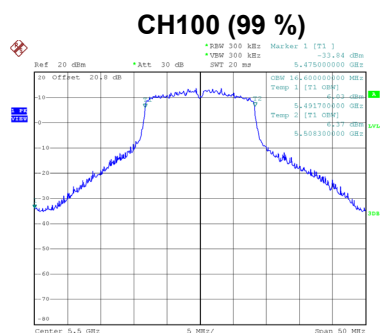
Test Mode: IEEE 802.11ax(HE160) - W52+W53

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5250	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	156.16	Limit $\leq$ 160 MHz

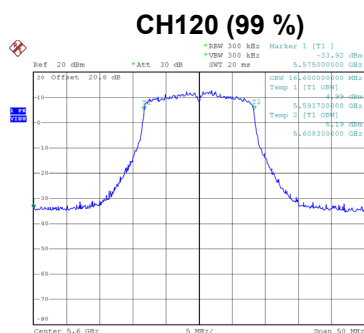


Test Mode: IEEE 802.11a - W56

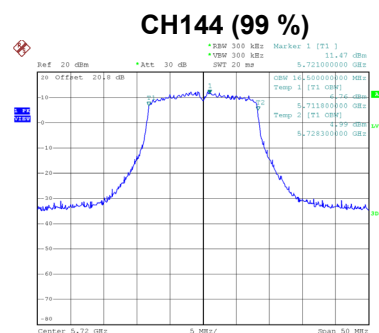
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	16.60	16.60	16.50	Limit ≤ 20 MHz



Date: 26.JAN.2026 12:03:38



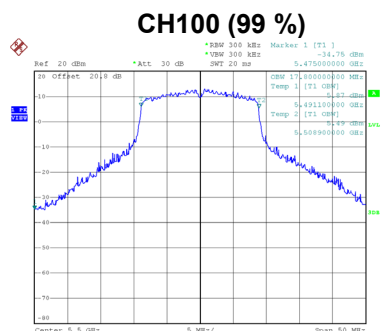
Date: 26.JAN.2026 12:03:59



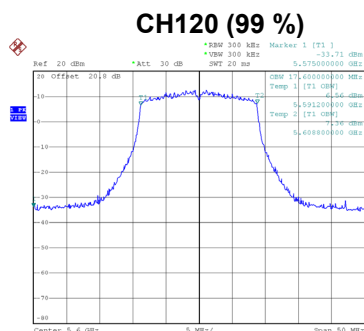
Date: 26.JAN.2026 12:04:52

Test Mode: IEEE 802.11ac(VHT20) - W56

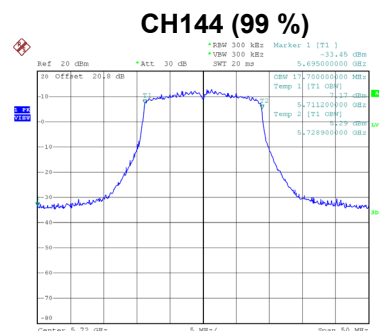
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	17.80	17.60	17.70	Limit ≤ 20 MHz



Date: 26.JAN.2026 12:11:08



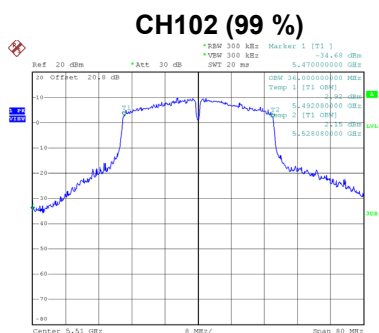
Date: 26.JAN.2026 12:11:30



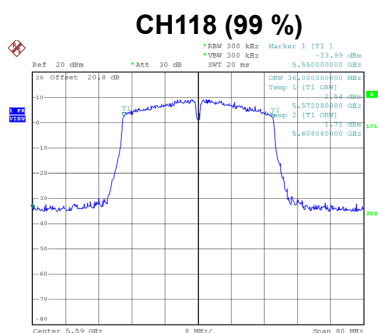
Date: 26.JAN.2026 12:11:50

Test Mode: IEEE 802.11ac(VHT40) - W56

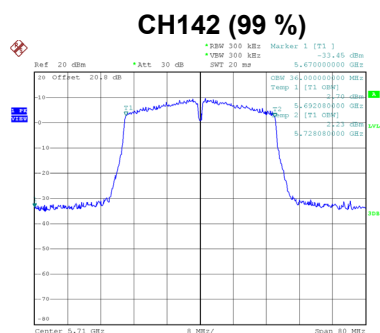
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5510	5590	5710	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	36.00	36.00	36.00	Limit ≤ 40 MHz



Date: 26.JAN.2026 12:20:10



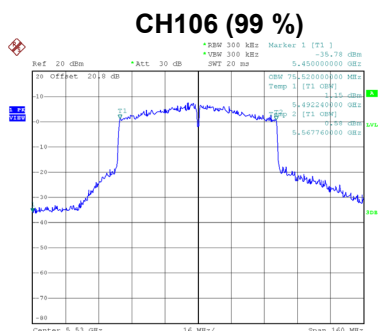
Date: 26.JAN.2026 12:20:30



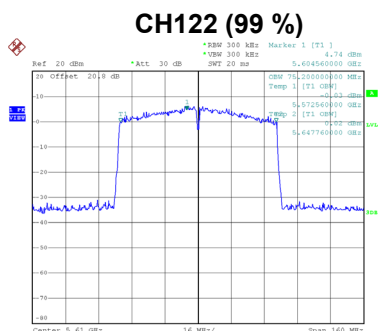
Date: 26.JAN.2026 12:20:48

Test Mode: IEEE 802.11ac(VHT80) - W56

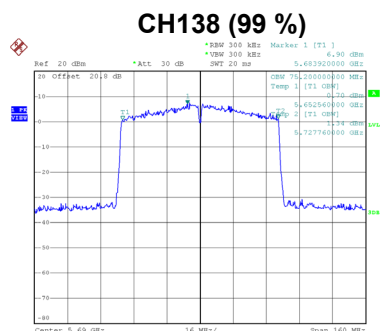
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5530	5610	5690	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	75.52	75.20	75.20	Limit ≤ 80 MHz



Date: 26.JAN.2026 12:40:57



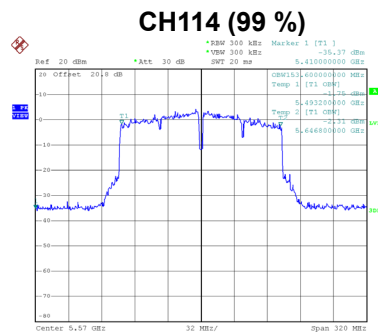
Date: 26.JAN.2026 12:41:18



Date: 26.JAN.2026 12:41:43

Test Mode: IEEE 802.11ac(VHT160) - W56

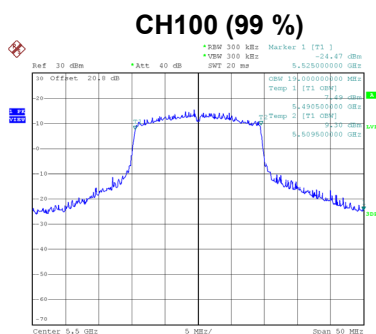
Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5570	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	153.60	Limit $\leq$ 160 MHz



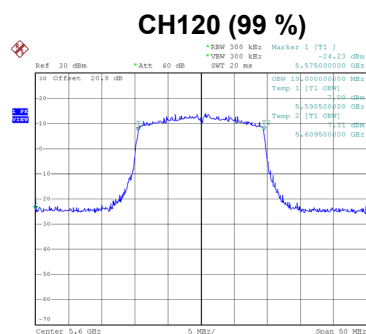
Date: 26.JAN.2026 12:45:39

Test Mode: IEEE 802.11ax(HE20) - W56

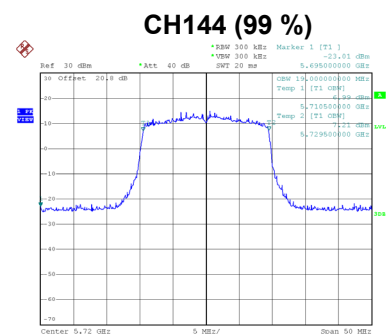
Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5720	Low/Mid/High of test frequency range
Occupied Bandwidth (MHz)	19.00	19.00	19.00	Limit $\leq$ 20 MHz



Date: 26.JAN.2026 12:14:50



Date: 26.JAN.2026 12:15:17



Date: 26.JAN.2026 12:15:36

Date: 26.JAN.2026 12:46:35

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	3076.75	3158.54	3056.30	30MHz ~ 5142MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	dBm/MHz	-28.86	-29.25	-29.41	
	$\mu\text{W/MHz}$	1.30017	1.18850	1.14551	
	MHz	5147.57	5143.95	5144.53	5142MHz ~ 5150MHz Limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)
	dBm/MHz	-30.38	-30.92	-31.26	
	$\mu\text{W/MHz}$	0.91622	0.80910	0.74817	
	MHz	5250.99	5250.97	5250.03	5250MHz ~ 5251MHz Limit $\leq 1000 \sim 100 \mu\text{W/MHz}$ (0 ~ -10 dBm/MHz)
	dBm/MHz	-32.21	-31.78	-17.89	
	$\mu\text{W/MHz}$	0.60117	0.66374	16.25549	
	MHz	5259.84	5259.78	5251.04	5251MHz ~ 5260MHz Limit $\leq 100 \sim 15.8 \mu\text{W/MHz}$ (-10 ~ -18 dBm/MHz)
	dBm/MHz	-32.03	-31.79	-16.17	
	$\mu\text{W/MHz}$	0.62661	0.66222	24.15461	
	MHz	5266.59	5266.04	5266.61	5260MHz ~ 5266.7MHz Limit $\leq 15.8 \sim 2.5 \mu\text{W/MHz}$ (-18 ~ -26 dBm/MHz)
	dBm/MHz	-32.19	-31.67	-34.88	
	$\mu\text{W/MHz}$	0.60395	0.68077	0.32509	
	MHz	24465.74	24507.20	24921.87	5266.7MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	dBm/MHz	-38.53	-38.57	-28.09	
	$\mu\text{W/MHz}$	0.14028	0.13900	1.55239	

Note:

Emission value = SA measurement value (Include correction factor and cable loss)

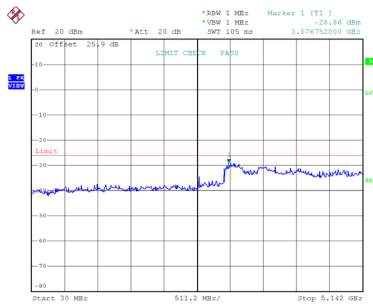
Correction factor = $10 \log (X)$

X = the total number of antennas

Explanation of Marker and ZeroSP test:

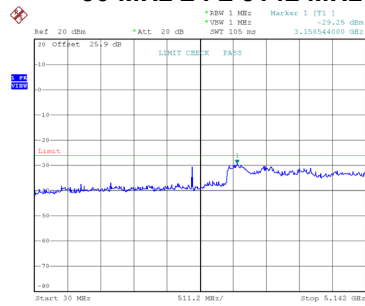
- 1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
- 2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH36



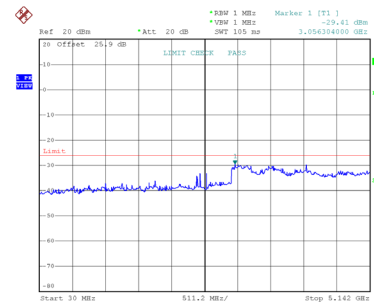
Date: 26.JAN.2026 15:46:51

CH40 30 MHz ≤ f ≤ 5142 MHz



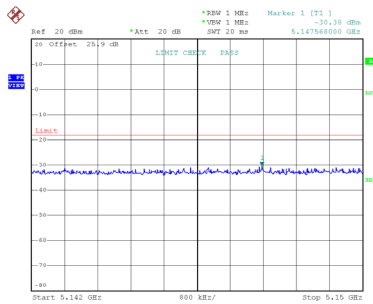
Date: 26.JAN.2026 15:48:00

CH48

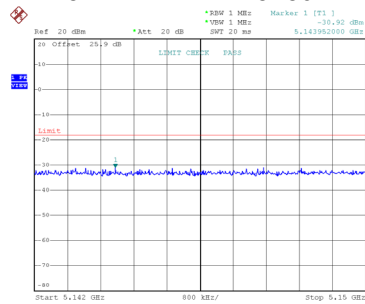


Date: 26.JAN.2026 15:49:18

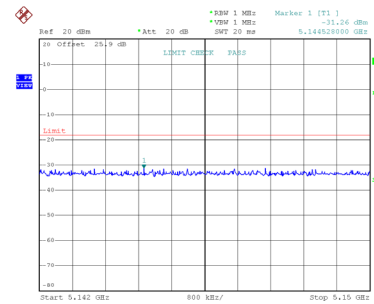
5142 MHz ≤ f ≤ 5150 MHz



Date: 26.JAN.2026 15:46:59

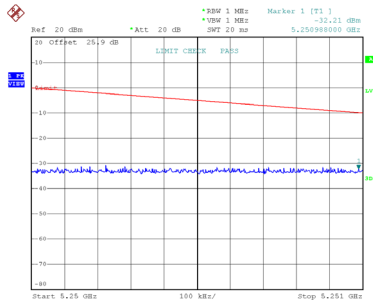


Date: 26.JAN.2026 15:48:07

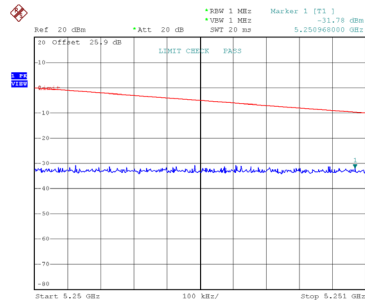


Date: 26.JAN.2026 15:49:25

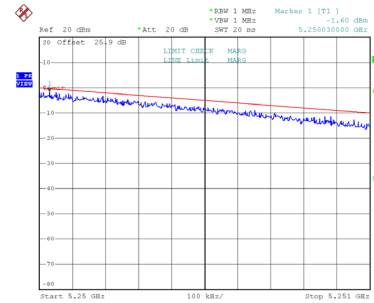
5250 MHz < f ≤ 5251 MHz



Date: 26.JAN.2026 15:47:04

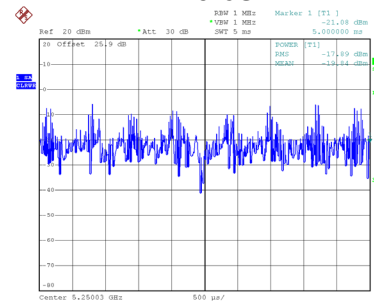


Date: 26.JAN.2026 15:48:13



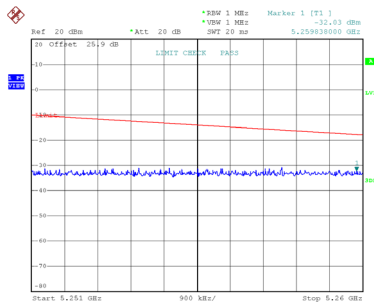
Date: 26.JAN.2026 15:49:31

ZeroSP



Date: 26.JAN.2026 15:49:41

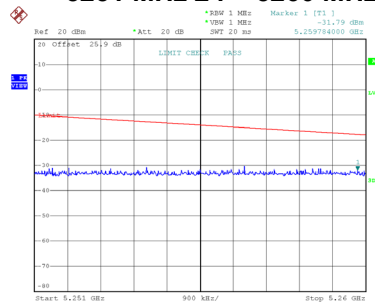
CH36



Date: 26.JAN.2026 15:47:11

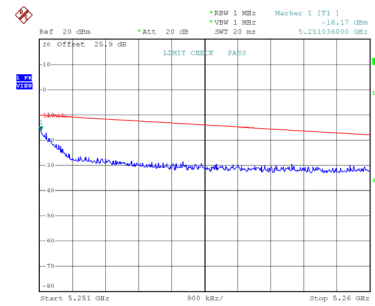
CH40

5251 MHz ≤ f < 5260 MHz



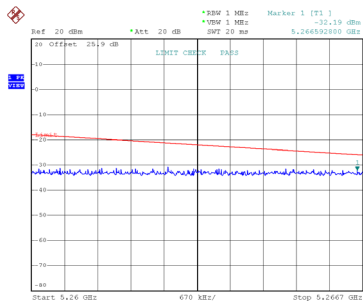
Date: 26.JAN.2026 15:48:20

CH48

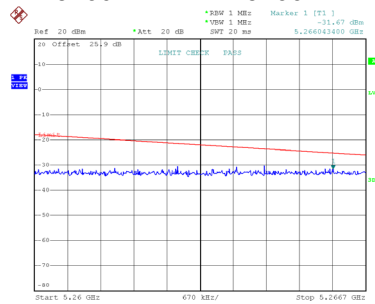


Date: 26.JAN.2026 15:49:49

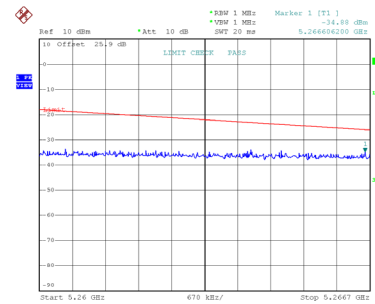
5260 MHz ≤ f < 5266.7 MHz



Date: 26.JAN.2026 15:47:18

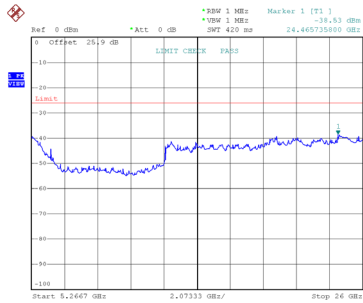


Date: 26.JAN.2026 15:48:27

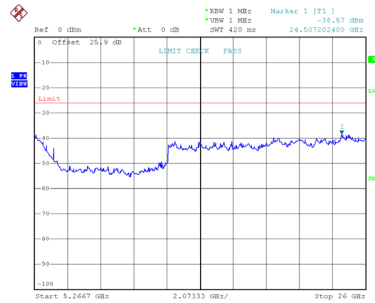


Date: 26.JAN.2026 15:49:56

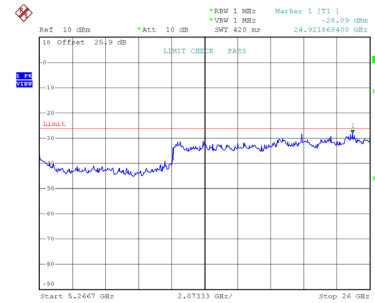
5266.7 MHz ≤ f ≤ 26000 MHz



Date: 26.JAN.2026 15:47:29



Date: 26.JAN.2026 15:48:38



Date: 26.JAN.2026 15:50:07

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	3107.42	3649.30	3138.10	30MHz ~ 5142MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	dBm/MHz	-30.59	-30.38	-30.25	
	$\mu\text{W/MHz}$	0.87297	0.91622	0.94406	
	MHz	5149.01	5144.08	5143.20	5142MHz ~ 5150MHz Limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)
	dBm/MHz	-32.49	-32.37	-32.80	
	$\mu\text{W/MHz}$	0.56364	0.57943	0.52481	
	MHz	5250.96	5251.00	5250.04	5250MHz ~ 5251MHz Limit $\leq 1000 \sim 100 \mu\text{W/MHz}$ (0 ~ -10 dBm/MHz)
	dBm/MHz	-32.29	-33.13	-13.10	
	$\mu\text{W/MHz}$	0.59020	0.48641	48.97788	
	MHz	5259.42	5259.95	5251.02	5251MHz ~ 5260MHz Limit $\leq 100 \sim 15.8 \mu\text{W/MHz}$ (-10 ~ -18 dBm/MHz)
	dBm/MHz	-32.84	-32.65	-13.44	
	$\mu\text{W/MHz}$	0.52000	0.54325	45.28976	
	MHz	5266.70	5265.88	5266.45	5260MHz ~ 5266.7MHz Limit $\leq 15.8 \sim 2.5 \mu\text{W/MHz}$ (-18 ~ -26 dBm/MHz)
	dBm/MHz	-33.06	-32.51	-37.33	
	$\mu\text{W/MHz}$	0.49431	0.56105	0.18493	
	MHz	24465.74	24590.14	24880.40	5266.7MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	dBm/MHz	-39.77	-40.18	-30.54	
	$\mu\text{W/MHz}$	0.10544	0.09594	0.88308	

Note:

Emission value = SA measurement value (Include correction factor and cable loss)

Correction factor = $10 \log (X)$

X = the total number of antennas

Explanation of Marker and ZeroSP test:

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

Date: 2.FEB.2026 18:45:08

Date: 2.FEB.2026 18:46:57

Date: 2.FEB.2026 18:49:08

Date: 2-FEB-2026 18:45:14

Date: 2-FEB-2026 18:47:03

Date: 2 FEB 2026 18:49:15

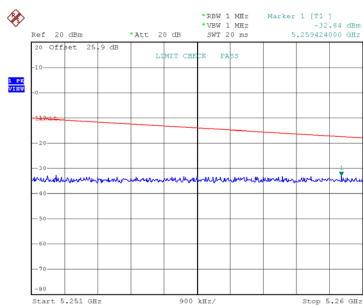
Date: 2.FEB.2026 18:45:20

Date: 2-FEB-2026 18:47:09

Date: 2.FEB.2026 18:49:20

Date: 2.FEB.2026 18:49:25

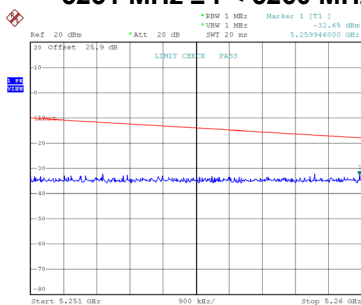
CH36



Date: 2.FEB.2026 18:45:26

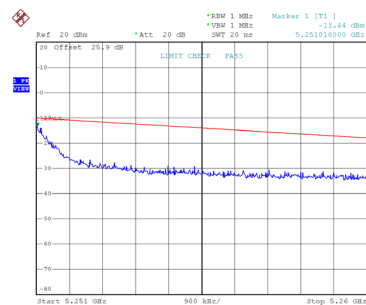
CH40

5251 MHz ≤ f < 5260 MHz



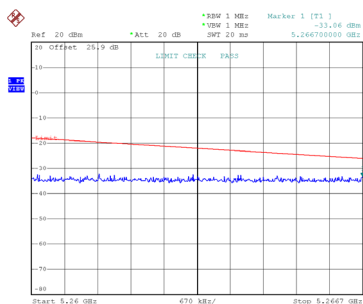
Date: 2.FEB.2026 18:47:15

CH48

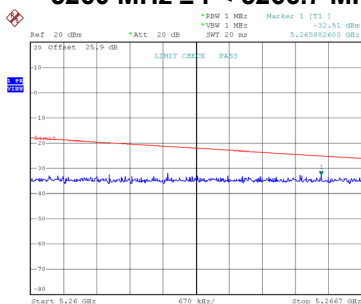


Date: 2.FEB.2026 18:49:32

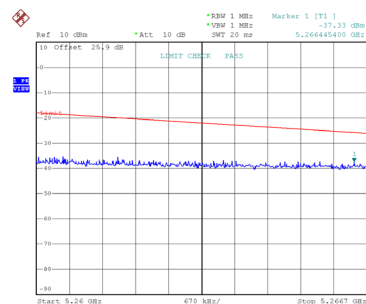
5260 MHz ≤ f < 5266.7 MHz



Date: 2.FEB.2026 18:45:32

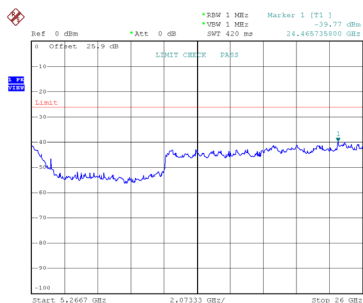


Date: 2.FEB.2026 18:47:21

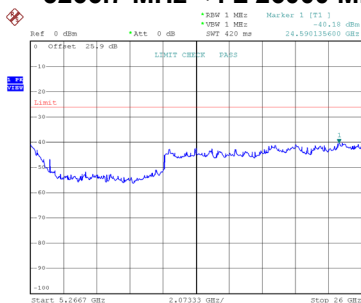


Date: 2.FEB.2026 18:49:38

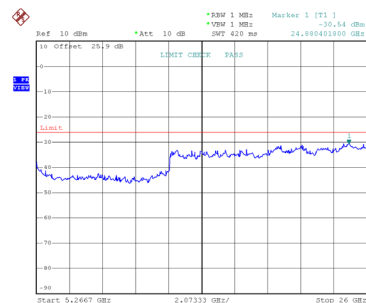
5266.7 MHz < f ≤ 26000 MHz



Date: 2.FEB.2026 18:45:43



Date: 2.FEB.2026 18:47:31



Date: 2.FEB.2026 18:49:49

Test Mode:	IEEE 802.11ac(VHT40) - W52
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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	4906.47	30MHz ~ 5141.6MHz
	dBm/MHz	-38.66	-39.59	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.13614	0.10990	(-26.02 dBm/MHz)
	MHz	5149.85	5147.93	5141.6MHz ~ 5150MHz
	dBm/MHz	-36.99	-37.97	Limit $\leq 15 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.19999	0.15959	(-18.24 dBm/MHz)
	MHz	5250.99	5250.94	5250MHz ~ 5251MHz
	dBm/MHz	-38.77	-29.98	Limit $\leq 500 \sim 50 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.13274	1.00462	(-3 ~ -13 dBm/MHz)
	MHz	5269.89	5251.04	5251MHz ~ 5270MHz
	dBm/MHz	-39.54	-16.17	Limit $\leq 50 \sim 7.9 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.11117	24.15461	(-13 ~ -21 dBm/MHz)
	MHz	5278.18	5277.74	5270MHz ~ 5278.4MHz
	dBm/MHz	-39.47	-32.51	Limit $\leq 7.9 \sim 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.11298	0.56105	(-21 ~ -26 dBm/MHz)
	MHz	24881.03	24839.59	5278.4MHz ~ 26000MHz
	dBm/MHz	-29.35	-30.02	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.16145	0.99541	(-26.02 dBm/MHz)

Note:

Emission value = SA measurement value (Include correction factor and cable loss)

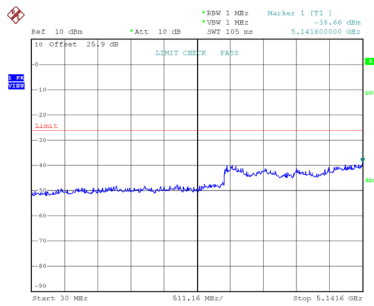
Correction factor = $10 \log (X)$

X = the total number of antennas

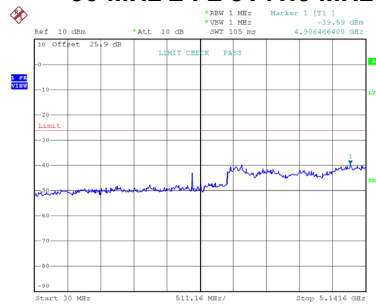
Explanation of Marker and ZeroSP test:

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

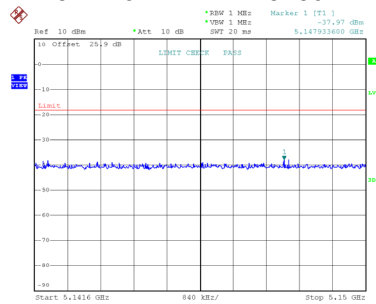
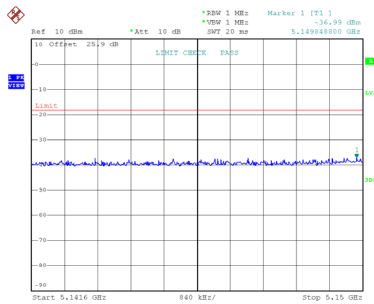
CH38



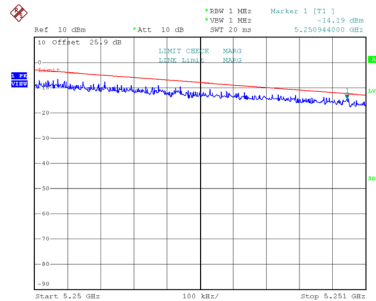
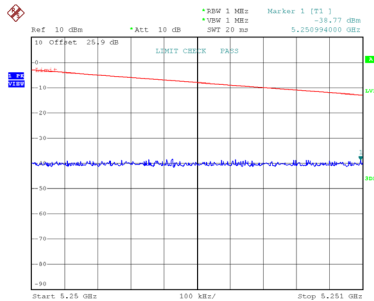
CH46 30 MHz ≤ f ≤ 5141.6 MHz



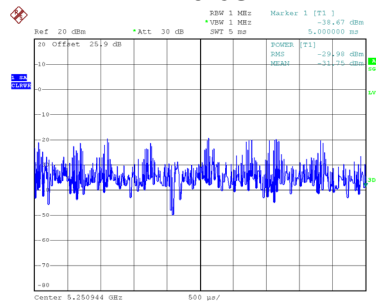
5141.6 MHz ≤ f ≤ 5150 MHz



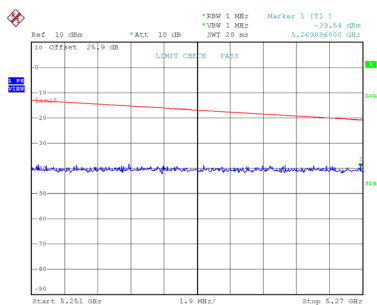
5250 MHz < f ≤ 5251 MHz



ZeroSP



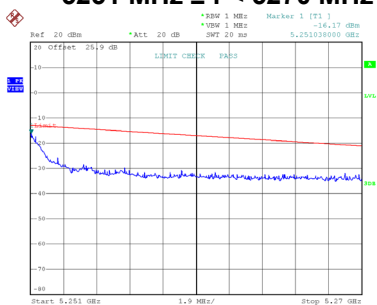
CH38



Date: 2.FEB.2026 19:06:57

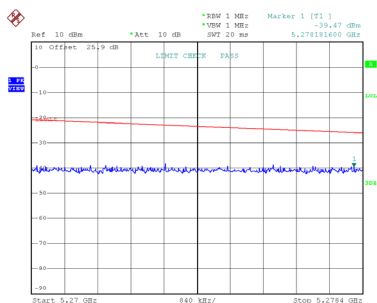
CH46

5251 MHz ≤ f < 5270 MHz

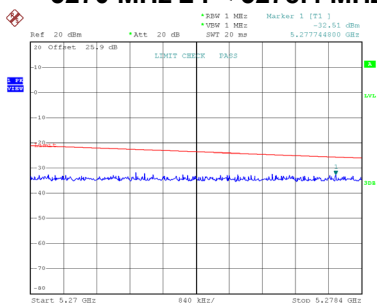


Date: 2.FEB.2026 19:08:45

5270 MHz ≤ f < 5278.4 MHz

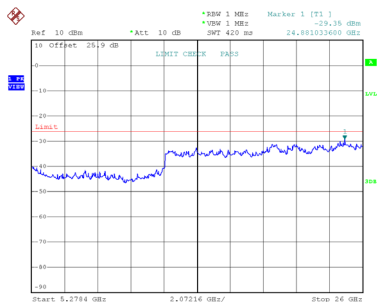


Date: 2.FEB.2026 19:07:03

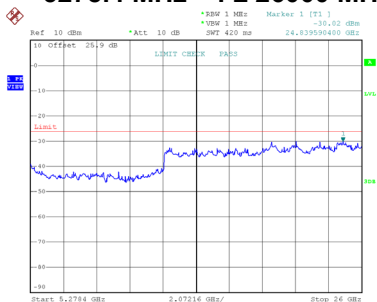


Date: 2.FEB.2026 19:08:52

5278.4 MHz < f ≤ 26000 MHz



Date: 2.FEB.2026 19:07:13



Date: 2.FEB.2026 19:09:02

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
Unwanted Emission Intensity (Max value in the band)	MHz	3187.78	30MHz ~ 5123.2MHz
	dBm/MHz	-30.00	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.00000	(-26.02 dBm/MHz)
	MHz	5134.88	5123.2MHz ~ 5150MHz
	dBm/MHz	-31.32	Limit $\leq 15 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.73790	(-18.24 dBm/MHz)
	MHz	5250.97	5250MHz ~ 5251MHz
	dBm/MHz	-26.08	Limit $\leq 250 \sim 25 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	2.46604	(-6 ~ -16 dBm/MHz)
	MHz	5255.84	5251MHz ~ 5290MHz
	dBm/MHz	-27.23	Limit $\leq 25 \sim 4.0 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.89234	(-16 ~ -24 dBm/MHz)
	MHz	5290.35	5290MHz ~ 5296.7MHz
	dBm/MHz	-33.66	Limit $\leq 4.0 \sim 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.43053	(-24 ~ -26 dBm/MHz)
	MHz	24840.62	5296.7MHz ~ 26000MHz
	dBm/MHz	-30.69	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.85310	(-26.02 dBm/MHz)

Note:

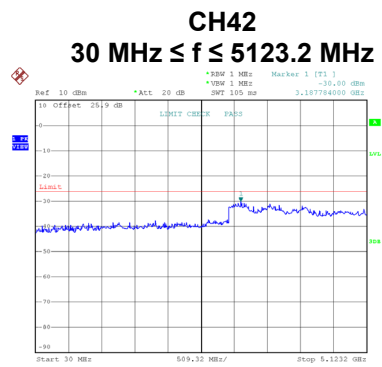
Emission value = SA measurement value (Include correction factor and cable loss)

Correction factor = $10 \log (X)$

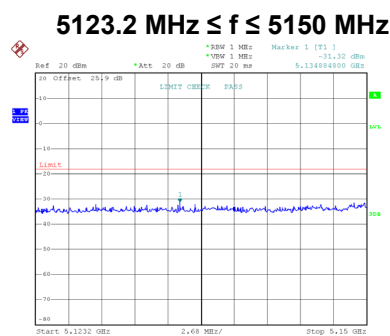
X = the total number of antennas

Explanation of Marker and ZeroSP test:

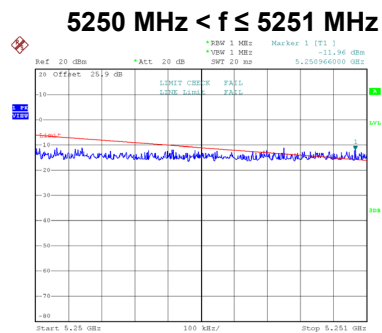
- 1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
- 2) The testing of ZeroSP is the worst, covering the entire frequency band.



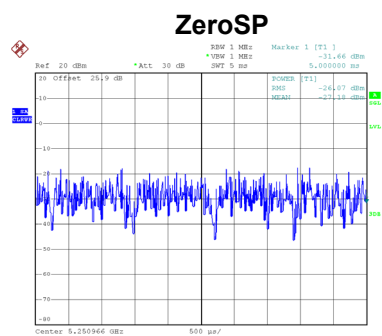
Date: 2.FEB.2026 19:18:11



Date: 2.FEB.2026 19:18:18

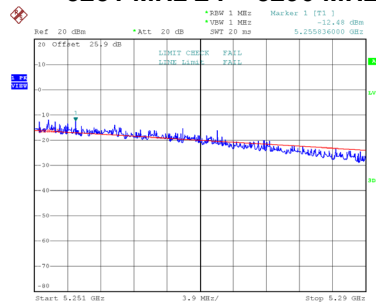


Date: 2.FEB.2026 19:18:23



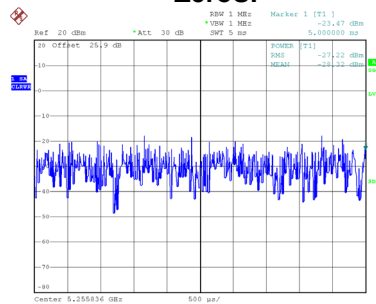
Date: 2.FEB.2026 19:18:28

CH42 5251 MHz ≤ f < 5290 MHz



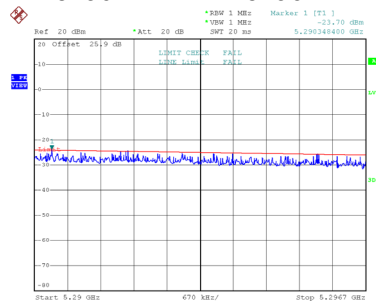
Date: 2.FEB.2026 19:18:35

ZeroSP



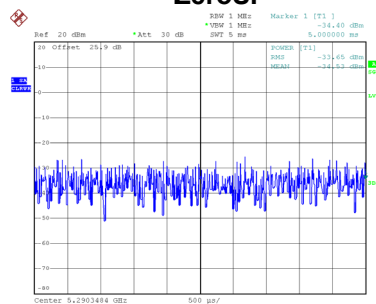
Date: 2.FEB.2026 19:18:40

5290 MHz ≤ f < 5296.7 MHz

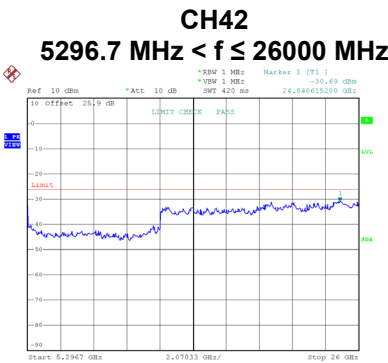


Date: 2.FEB.2026 19:18:47

ZeroSP



Date: 2.FEB.2026 19:18:52



Date: 2.FEB.2026 19:19:03

Test Mode: IEEE 802.11ax(HE20) - 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	4845.50	4876.18	5060.21	30MHz ~ 5142MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	dBm/MHz	-39.80	-40.11	-39.54	
	$\mu\text{W/MHz}$	0.10471	0.09750	0.11117	
	MHz	5148.14	5148.35	5143.17	5142MHz ~ 5150MHz Limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)
	dBm/MHz	-38.73	-39.33	-39.52	
	$\mu\text{W/MHz}$	0.13397	0.11668	0.11169	
	MHz	5250.20	5250.19	5250.18	5250MHz ~ 5250.2MHz Limit $\leq 2154.4 \sim 631 \mu\text{W/MHz}$ (3.33 ~ -2 dBm/MHz)
	dBm/MHz	-40.40	-38.61	-7.37	
	$\mu\text{W/MHz}$	0.09120	0.13772	183.23144	
	MHz	5251.00	5250.95	5250.21	5250.2MHz ~ 5251MHz Limit $\leq 631 \sim 100 \mu\text{W/MHz}$ (-2 ~ -10 dBm/MHz)
	dBm/MHz	-39.86	-39.85	-8.21	
	$\mu\text{W/MHz}$	0.10328	0.10351	151.00802	
	MHz	5259.84	5259.55	5251.04	5251MHz ~ 5260MHz Limit $\leq 100 \sim 15.8 \mu\text{W/MHz}$ (-10 ~ -18 dBm/MHz)
	dBm/MHz	-40.59	-39.98	-21.79	
	$\mu\text{W/MHz}$	0.08730	0.10046	6.62217	
	MHz	5266.62	5266.23	5266.43	5260MHz ~ 5266.7MHz Limit $\leq 15.8 \sim 2.5 \mu\text{W/MHz}$ (-18 ~ -26 dBm/MHz)
	dBm/MHz	-40.36	-40.42	-33.28	
	$\mu\text{W/MHz}$	0.09204	0.09078	0.46989	
	MHz	24590.14	20609.34	24880.40	5266.7MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	dBm/MHz	-39.69	-39.87	-39.97	
	$\mu\text{W/MHz}$	0.10740	0.10304	0.10069	

Note:

Emission value = SA measurement value (Include correction factor and cable loss)

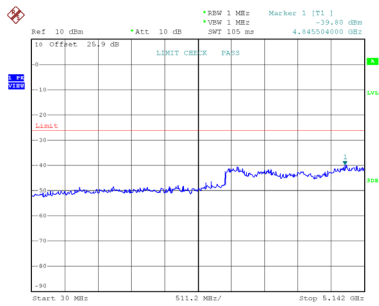
Correction factor = $10 \log (X)$

X = the total number of antennas

Explanation of Marker and ZeroSP test:

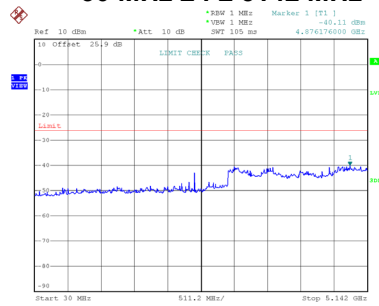
- 1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
- 2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH36



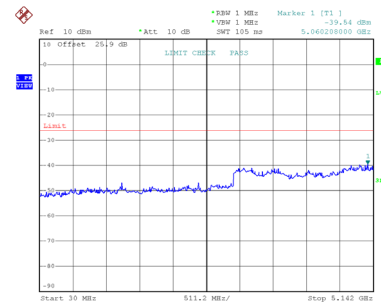
Date: 3.FEB.2026 09:58:49

CH40 30 MHz ≤ f ≤ 5142 MHz



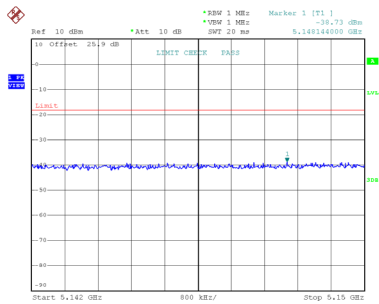
Date: 3.FEB.2026 10:00:07

CH48

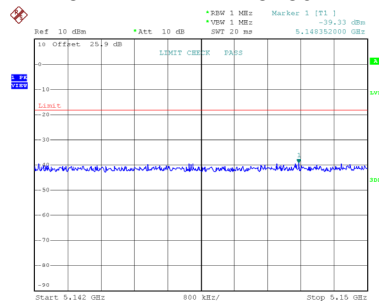


Date: 3.FEB.2026 09:49:35

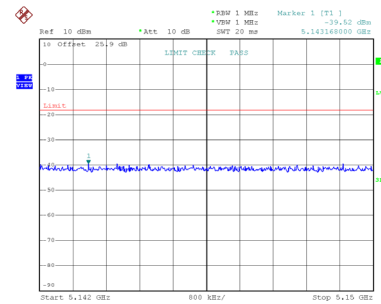
5142 MHz ≤ f ≤ 5150 MHz



Date: 3.FEB.2026 09:58:56

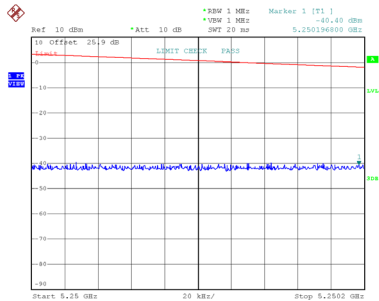


Date: 3.FEB.2026 10:00:13

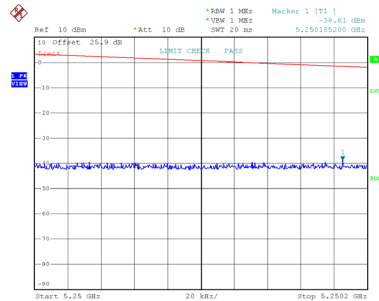


Date: 3.FEB.2026 09:49:42

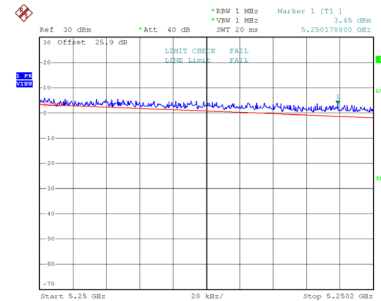
5250 MHz < f ≤ 5250.2 MHz



Date: 3.FEB.2026 09:59:01

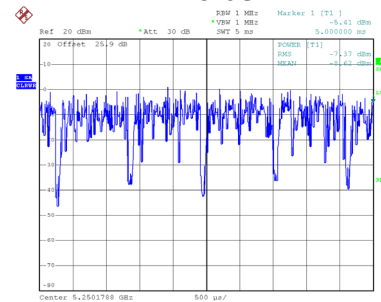


Date: 3.FEB.2026 10:00:18



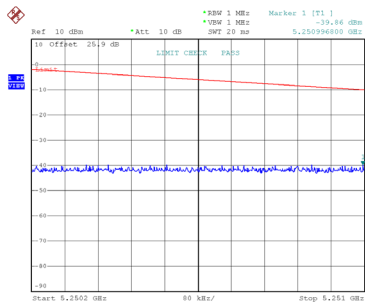
Date: 3.FEB.2026 09:49:47

ZeroSP



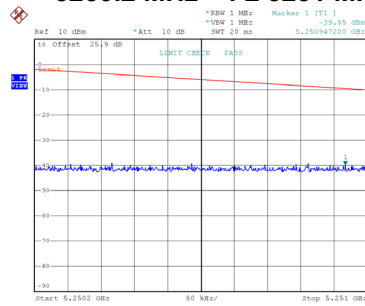
Date: 3.FEB.2026 09:49:52

CH36



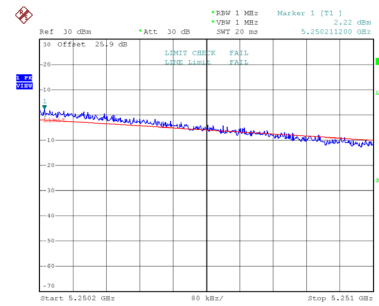
Date: 3.FEB.2026 09:59:08

CH40 5250.2 MHz < f ≤ 5251 MHz



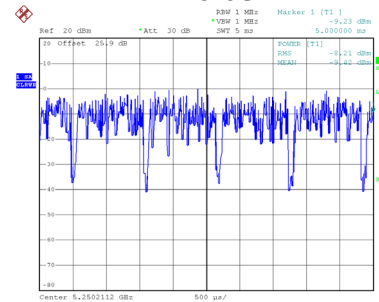
Date: 3.FEB.2026 10:00:25

CH48



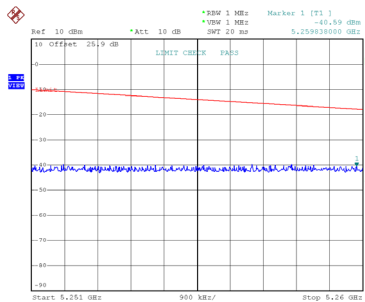
Date: 3.FEB.2026 09:49:59

ZeroSP

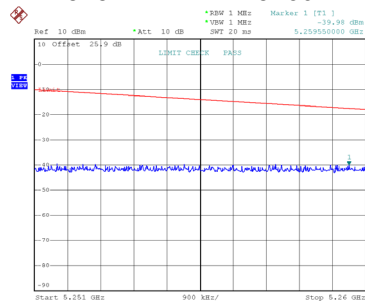


Date: 3.FEB.2026 09:50:04

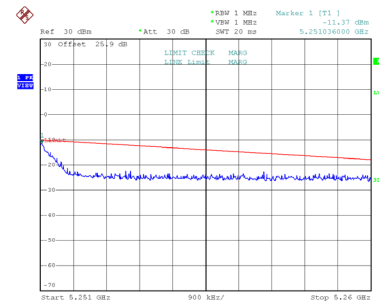
5251 MHz ≤ f < 5260 MHz



Date: 3.FEB.2026 09:59:14

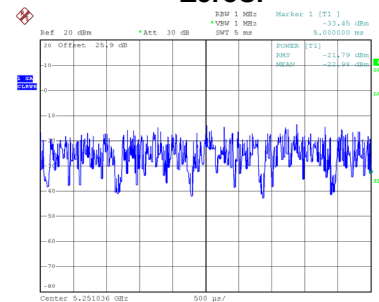


Date: 3.FEB.2026 10:00:31



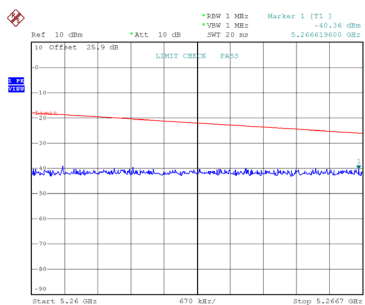
Date: 3.FEB.2026 09:50:11

ZeroSP



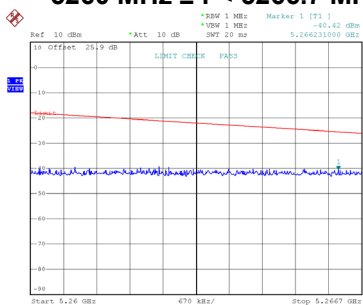
Date: 3.FEB.2026 09:50:16

CH36



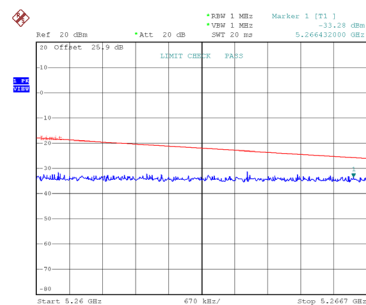
Date: 3.FEB.2026 09:59:20

CH40 5260 MHz ≤ f < 5266.7 MHz



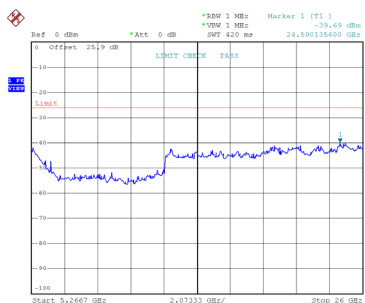
Date: 3.FEB.2026 10:00:37

CH48

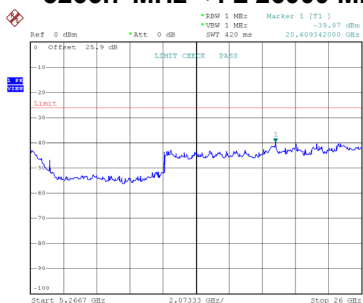


Date: 3.FEB.2026 09:50:23

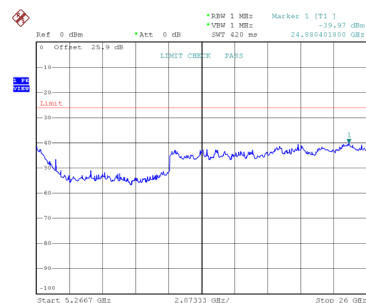
5266.7 MHz < f ≤ 26000 MHz



Date: 3.FEB.2026 09:59:31



Date: 3.FEB.2026 10:00:48



Date: 3.FEB.2026 09:50:33

Test Mode:	IEEE 802.11ax(HE40) - W52
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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	4906.47	5029.14	30MHz ~ 5141.6MHz
	dBm/MHz	-39.57	-39.96	Limit ≤ 2.5 μW/MHz
	μW/MHz	0.11041	0.10093	(-26.02 dBm/MHz)
	MHz	5146.35	5146.57	5141.6MHz ~ 5150MHz
	dBm/MHz	-37.29	-38.90	Limit ≤ 15 μW/MHz
	μW/MHz	0.18664	0.12882	(-18.24 dBm/MHz)
	MHz	5250.94	5250.03	5250MHz ~ 5251MHz
	dBm/MHz	-38.91	-6.47	Limit ≤ 500 ~ 50 μW/MHz
	μW/MHz	0.12853	225.42392	(-3 ~ -13 dBm/MHz)
	MHz	5269.73	5251.00	5251MHz ~ 5270MHz
	dBm/MHz	-40.26	-23.61	Limit ≤ 50 ~ 7.9 μW/MHz
	μW/MHz	0.09419	4.35512	(-13 ~ -21 dBm/MHz)
	MHz	5277.36	5277.98	5270MHz ~ 5278.4MHz
	dBm/MHz	-39.61	-33.07	Limit ≤ 7.9 ~ 2.5 μW/MHz
	μW/MHz	0.10940	0.49317	(-21 ~ -26 dBm/MHz)
	MHz	24673.82	24798.15	5278.4MHz ~ 26000MHz
	dBm/MHz	-30.68	-30.38	Limit ≤ 2.5 μW/MHz
	μW/MHz	0.85507	0.91622	(-26.02 dBm/MHz)

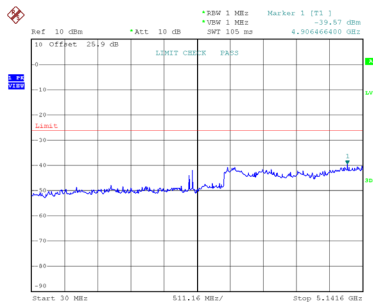
Note:

Emission value = SA measurement value (Include correction factor and cable loss)

Correction factor = $10 \log (X)$

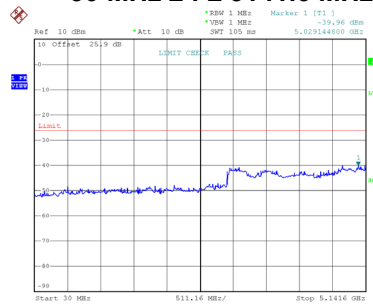
X = the total number of antennas

CH38



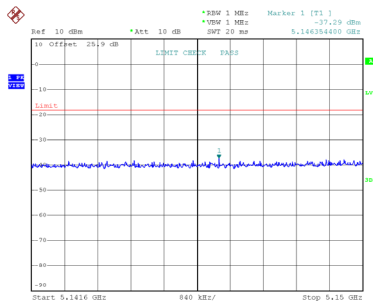
Date: 3.FEB.2026 10:02:03

CH46 30 MHz ≤ f ≤ 5141.6 MHz

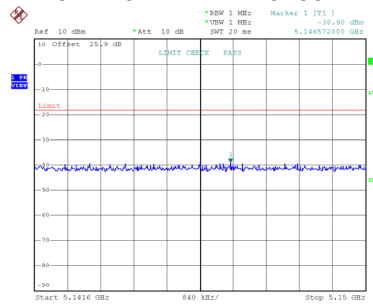


Date: 3.FEB.2026 10:03:13

5141.6 MHz ≤ f ≤ 5150 MHz

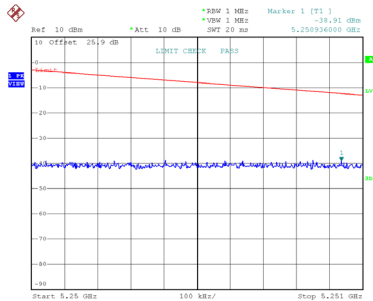


Date: 3.FEB.2026 10:02:10

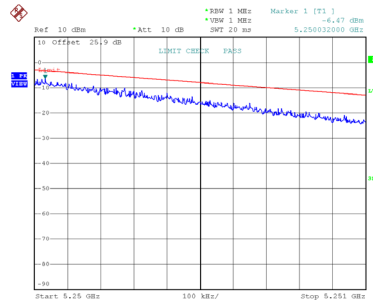


Date: 3.FEB.2026 10:03:19

5250 MHz < f ≤ 5251 MHz

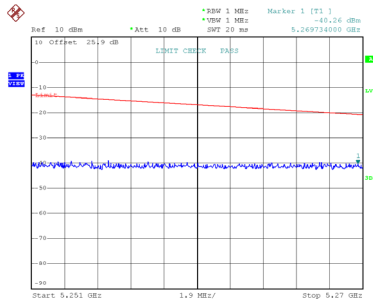


Date: 3.FEB.2026 10:02:15

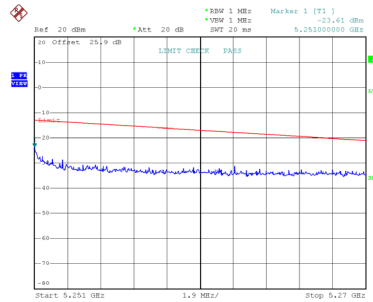


Date: 3.FEB.2026 10:03:25

5251 MHz ≤ f < 5270 MHz

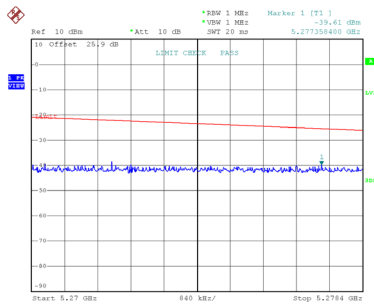


Date: 3.FEB.2026 10:02:22



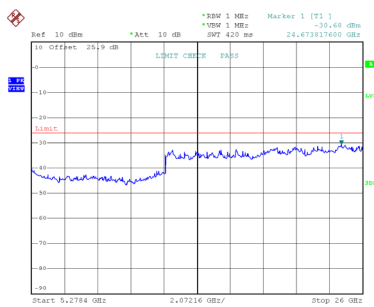
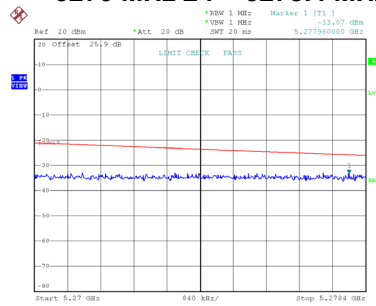
Date: 3.FEB.2026 10:03:31

CH38

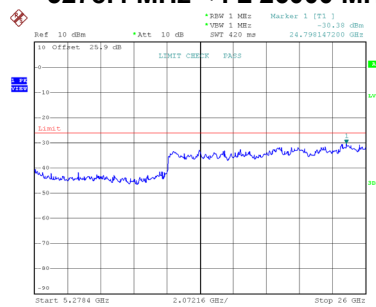


CH46

5270 MHz ≤ f < 5278.4 MHz



5278.4 MHz < f ≤ 26000 MHz



Test Mode:	IEEE 802.11ax(HE80) - W52
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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	3177.60	30MHz ~ 5123.2MHz
	dBm/MHz	-30.54	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.88308	(-26.02 dBm/MHz)
	MHz	5149.89	5123.2MHz ~ 5150MHz
	dBm/MHz	-31.81	Limit $\leq 15 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.65917	(-18.24 dBm/MHz)
	MHz	5251.00	5250MHz ~ 5251MHz
	dBm/MHz	-27.75	Limit $\leq 250 \sim 25 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.67880	(-6 ~ -16 dBm/MHz)
	MHz	5254.35	5251MHz ~ 5290MHz
	dBm/MHz	-28.62	Limit $\leq 25 \sim 4.0 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.37404	(-16 ~ -24 dBm/MHz)
	MHz	5292.52	5290MHz ~ 5296.7MHz
	dBm/MHz	-34.20	Limit $\leq 4.0 \sim 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.38019	(-24 ~ -26 dBm/MHz)
	MHz	5296.70	5296.7MHz ~ 26000MHz
	dBm/MHz	-29.93	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.01625	(-26.02 dBm/MHz)

Note:

Emission value = SA measurement value (Include correction factor and cable loss)

Correction factor = $10 \log (X)$

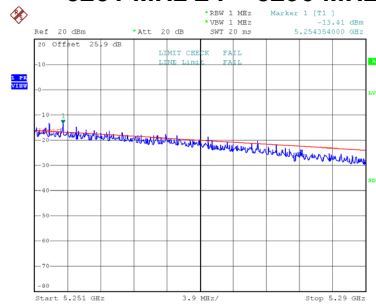
X = the total number of antennas

Explanation of Marker and ZeroSP test:

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

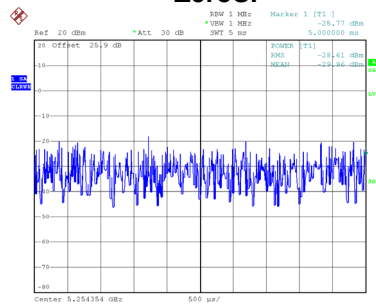


CH42 5251 MHz ≤ f < 5290 MHz



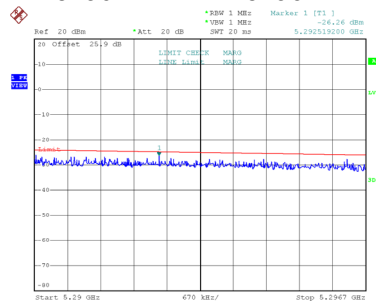
Date: 3.FEB.2026 10:10:55

ZeroSP



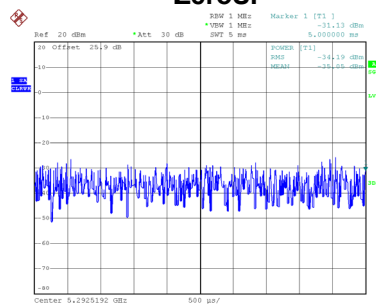
Date: 3.FEB.2026 10:11:00

5290 MHz ≤ f < 5296.7 MHz

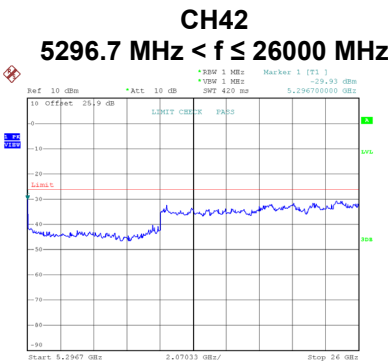


Date: 3.FEB.2026 10:11:07

ZeroSP



Date: 3.FEB.2026 10:11:12



Date: 3.FEB.2026 10:11:23

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
Unwanted Emission Intensity (Max value in the band)	MHz	3172.79	3099.95	3661.90	30MHz ~ 5233.3MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	dBm/MHz	-29.78	-29.76	-29.17	
	$\mu\text{W/MHz}$	1.05196	1.05682	1.21060	
	MHz	5233.43	5233.39	5233.31	5233.3MHz ~ 5240MHz Limit $\leq 2.5 \sim 15.8 \mu\text{W/MHz}$ (-26 ~ -18dBm/MHz)
	dBm/MHz	-30.51	-33.40	-30.71	
	$\mu\text{W/MHz}$	0.88920	0.45709	0.84918	
	MHz	5248.98	5240.56	5240.00	5240MHz ~ 5249MHz Limit $\leq 15.8 \sim 100 \mu\text{W/MHz}$ (-18 ~ -10 dBm/MHz)
	dBm/MHz	-23.52	-31.10	-31.48	
	$\mu\text{W/MHz}$	4.44631	0.77625	0.71121	
	MHz	5249.04	5249.14	5249.00	5249MHz ~ 5250MHz Limit $\leq 100 \sim 1000 \mu\text{W/MHz}$ (-10 ~ 0 dBm/MHz)
	dBm/MHz	-22.54	-30.47	-31.47	
	$\mu\text{W/MHz}$	5.57186	0.89743	0.71285	
	MHz	5432.60	20218.00	5350.00	5350MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	dBm/MHz	-38.17	-38.43	-38.31	
	$\mu\text{W/MHz}$	0.15241	0.14355	0.14757	

Note:

Emission value = SA measurement value (Include correction factor and cable loss)

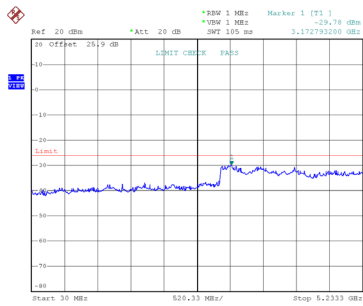
Correction factor = $10 \log (X)$

X = the total number of antennas

Explanation of Marker and ZeroSP test:

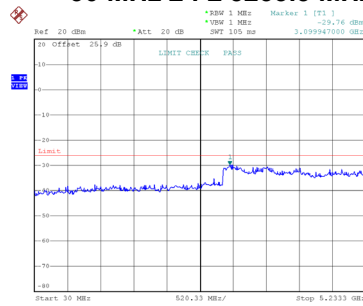
- 1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
- 2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH52



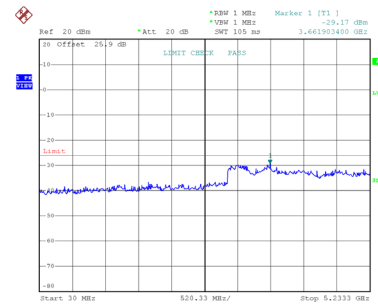
Date: 26.JAN.2026 16:02:40

CH60 30 MHz ≤ f ≤ 5233.3 MHz



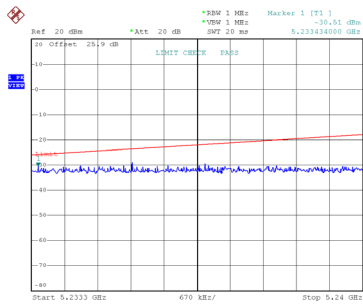
Date: 26.JAN.2026 16:03:58

CH64

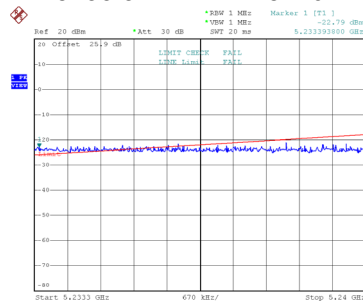


Date: 26.JAN.2026 16:05:09

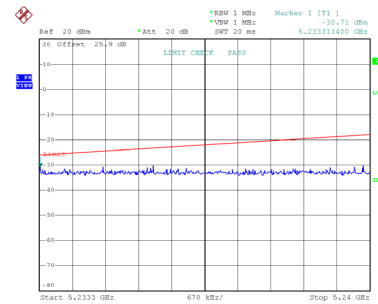
5233.3 MHz ≤ f ≤ 5240 MHz



Date: 26.JAN.2026 16:02:47

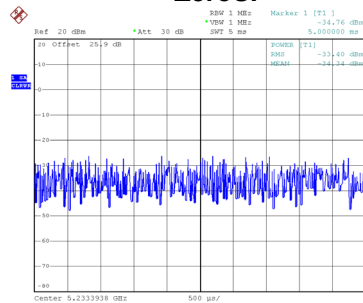


Date: 26.JAN.2026 16:04:05



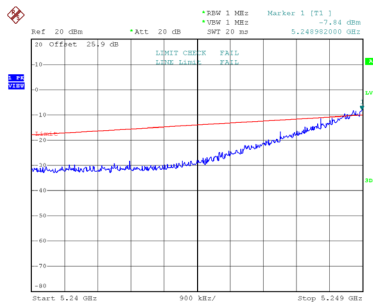
Date: 26.JAN.2026 16:05:16

ZeroSP



Date: 26.JAN.2026 16:04:10

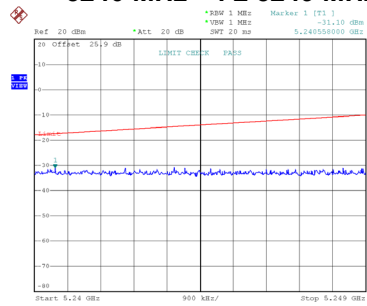
CH52



Date: 26.JAN.2026 16:02:53

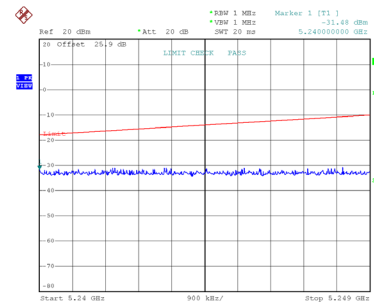
CH60

5240 MHz < f ≤ 5249 MHz



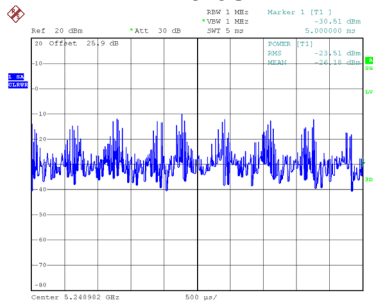
Date: 26.JAN.2026 16:04:18

CH64



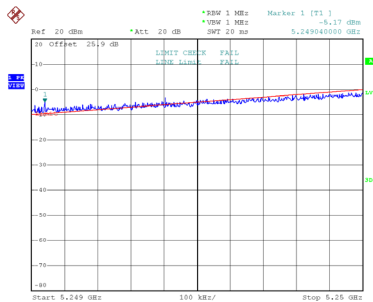
Date: 26.JAN.2026 16:05:23

ZeroSP

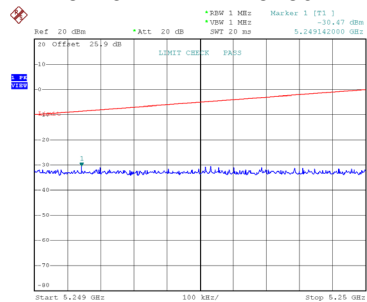


Date: 26.JAN.2026 16:02:59

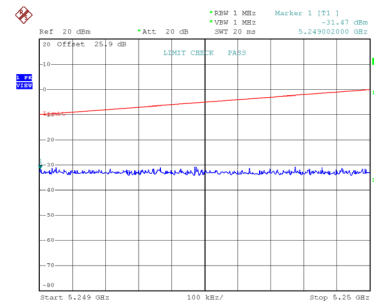
5249 MHz < f ≤ 5250 MHz



Date: 26.JAN.2026 16:03:07

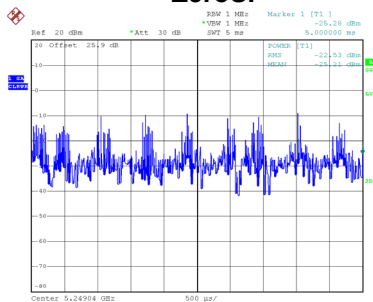


Date: 26.JAN.2026 16:04:25



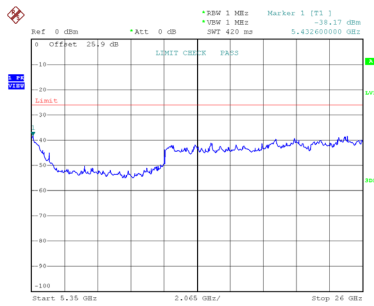
Date: 26.JAN.2026 16:05:30

ZeroSP



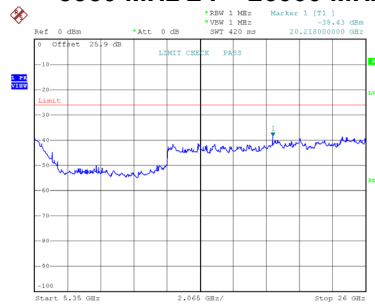
Date: 26.JAN.2026 16:03:12

CH52



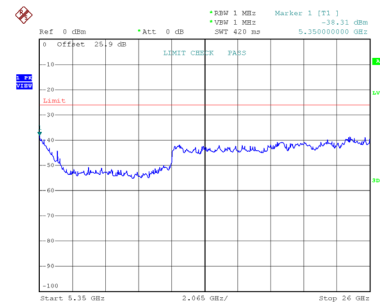
Date: 26.JAN.2026 16:03:24

CH60 5350 MHz ≤ f < 26000 MHz



Date: 26.JAN.2026 16:04:35

CH64



Date: 26.JAN.2026 16:05:38

Test Mode:	IEEE 802.11ac(VHT20) - W53
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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	3089.54	3193.61	3151.98	30MHz ~ 5233.3MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	dBm/MHz	-30.73	-30.25	-30.17	
	$\mu\text{W/MHz}$	0.84528	0.94406	0.96161	
	MHz	5233.49	5233.59	5233.42	5233.3MHz ~ 5240MHz Limit $\leq 2.5 \sim 15.8 \mu\text{W/MHz}$ (-26 ~ -18dBm/MHz)
	dBm/MHz	-32.63	-34.85	-33.22	
	$\mu\text{W/MHz}$	0.54576	0.32734	0.47643	
	MHz	5248.84	5240.22	5240.43	5240MHz ~ 5249MHz Limit $\leq 15.8 \sim 100 \mu\text{W/MHz}$ (-18 ~ -10 dBm/MHz)
	dBm/MHz	-22.48	-32.20	-32.82	
	$\mu\text{W/MHz}$	5.64937	0.60256	0.52240	
	MHz	5249.13	5249.01	5249.06	5249MHz ~ 5250MHz Limit $\leq 100 \sim 1000 \mu\text{W/MHz}$ (-10 ~ 0 dBm/MHz)
	dBm/MHz	-19.75	-32.62	-32.70	
	$\mu\text{W/MHz}$	10.59254	0.54702	0.53703	
	MHz	25050.10	24595.80	5350.00	5350MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	dBm/MHz	-40.13	-40.09	-40.13	
	$\mu\text{W/MHz}$	0.09705	0.09795	0.09705	

Note:

Emission value = SA measurement value (Include correction factor and cable loss)

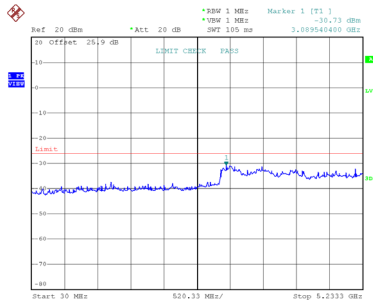
Correction factor = $10 \log (X)$

X = the total number of antennas

Explanation of Marker and ZeroSP test:

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

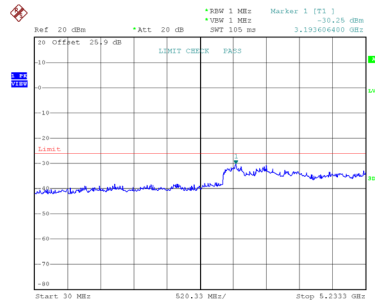
CH52



Date: 2.FEB.2026 18:50:43

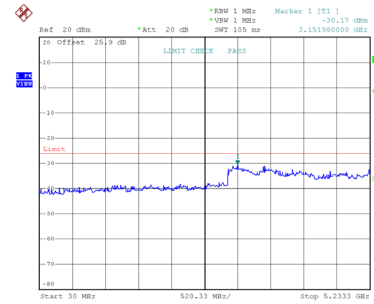
CH60

30 MHz ≤ f ≤ 5.233.3 MHz



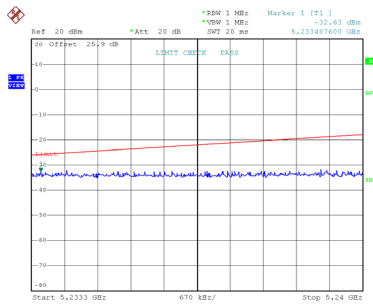
Date: 2.FEB.2026 18:52:12

CH64

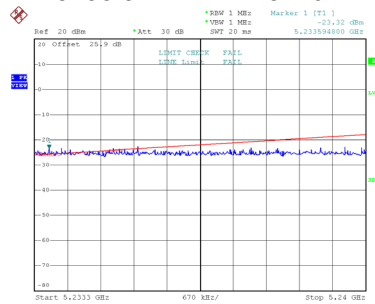


Date: 2.FEB.2026 19:00:11

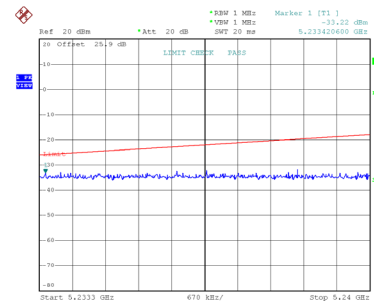
5233.3 MHz ≤ f ≤ 5240 MHz



Date: 2.FEB.2026 18:50:49

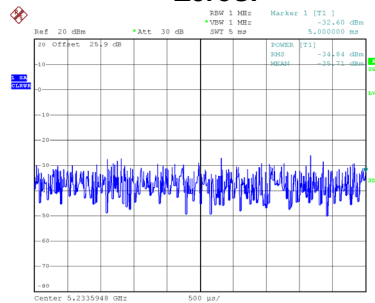


Date: 2.FEB.2026 18:52:18



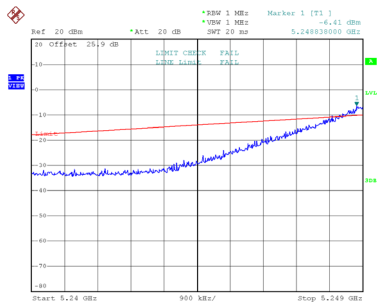
Date: 2.FEB.2026 19:00:17

ZeroSP



Date: 2.FEB.2026 18:52:23

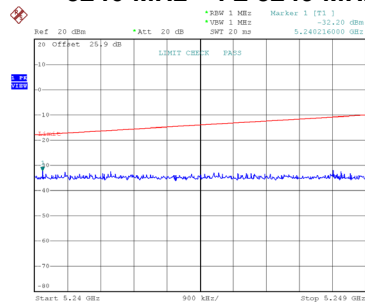
CH52



Date: 2.FEB.2026 18:50:56

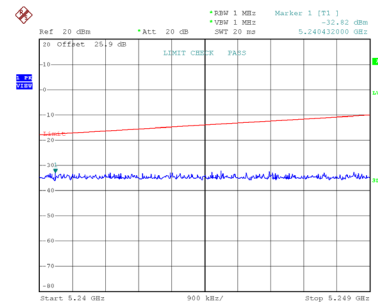
CH60

5240 MHz < f ≤ 5249 MHz



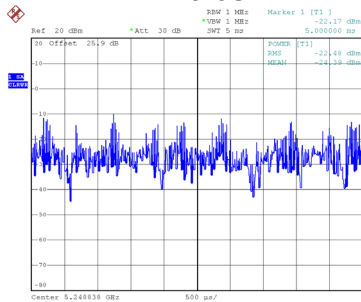
Date: 2.FEB.2026 18:52:30

CH64



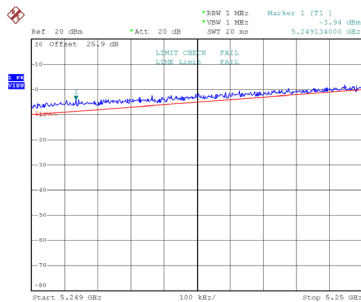
Date: 2.FEB.2026 19:00:24

ZeroSP

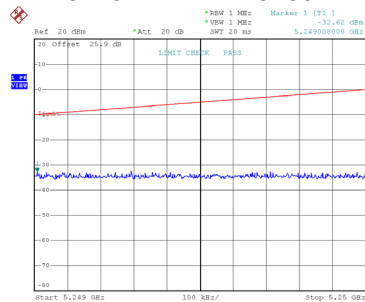


Date: 2.FEB.2026 18:51:00

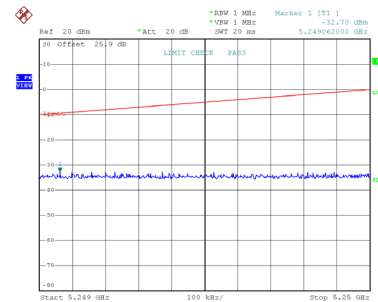
5249 MHz < f ≤ 5250 MHz



Date: 2.FEB.2026 18:51:07

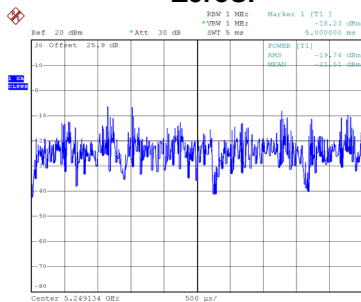


Date: 2.FEB.2026 18:52:36



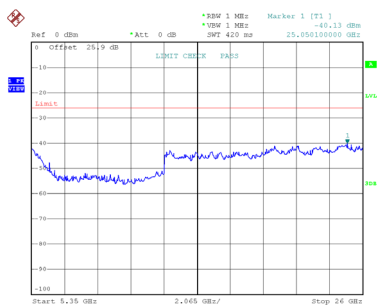
Date: 2.FEB.2026 19:00:30

ZeroSP



Date: 2.FEB.2026 18:51:12

CH52



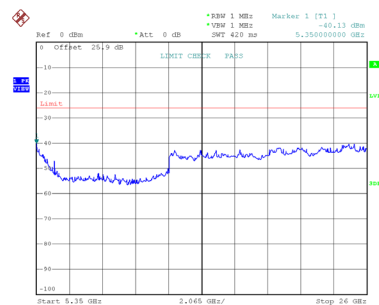
Date: 2.FEB.2026 18:51:23

CH60 5350 MHz ≤ f < 26000 MHz



Date: 2.FEB.2026 18:52:46

CH64



Date: 2.FEB.2026 19:00:38

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
Unwanted Emission Intensity (Max value in the band)	MHz	5221.60	3113.81	30MHz ~ 5221.6MHz
	dBm/MHz	-38.51	-39.25	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.14093	0.11885	(-26.02 dBm/MHz)
	MHz	5221.85	5221.75	5221.6MHz ~ 5230MHz
	dBm/MHz	-37.61	-39.01	Limit $\leq 2.5 \sim 7.9 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.17338	0.12560	(-26 ~ -21 dBm/MHz)
	MHz	5248.89	5230.15	5230MHz ~ 5249MHz
	dBm/MHz	-15.87	-39.32	Limit $\leq 7.9 \sim 50 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	25.88213	0.11695	(-21 ~ -13 dBm/MHz)
	MHz	5249.11	5249.13	5249MHz ~ 5250MHz
	dBm/MHz	-28.68	-37.89	Limit $\leq 50 \sim 500 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.35519	0.16255	(-13 ~ -3 dBm/MHz)
	MHz	5351.97	5355.38	5350MHz ~ 5358.4MHz
	dBm/MHz	-31.93	-37.06	Limit $\leq 15 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.64121	0.19679	(-18.24 dBm/MHz)
	MHz	25050.49	24844.07	5358.4MHz ~ 26000MHz
	dBm/MHz	-29.96	-29.67	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.00925	1.07895	(-26.02 dBm/MHz)

Note:

Emission value = SA measurement value (Include correction factor and cable loss)

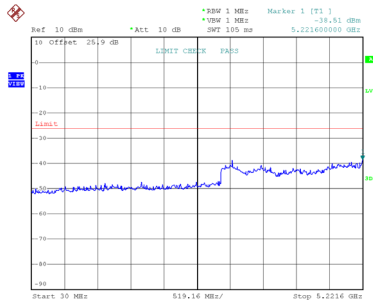
Correction factor = $10 \log (X)$

X = the total number of antennas

Explanation of Marker and ZeroSP test:

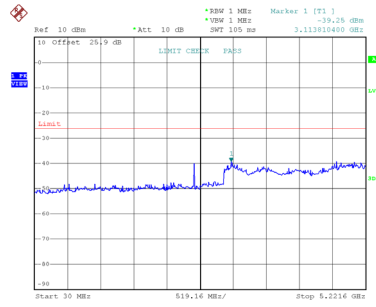
- 1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
- 2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH54



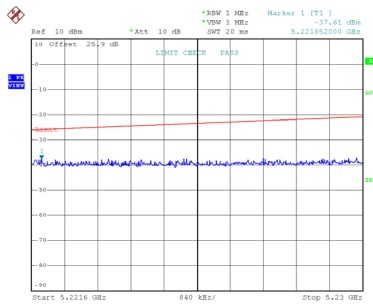
Date: 2.FEB.2026 19:09:39

CH62 30 MHz ≤ f ≤ 5221.6 MHz

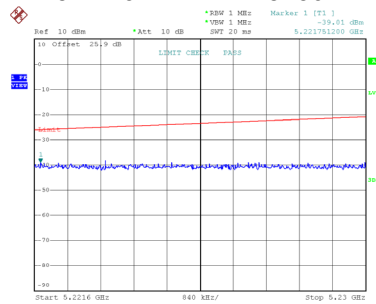


Date: 2.FEB.2026 19:11:19

5221.6 MHz ≤ f ≤ 5230 MHz

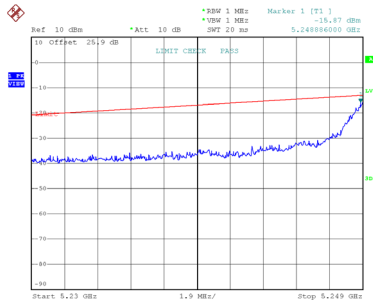


Date: 2.FEB.2026 19:09:46

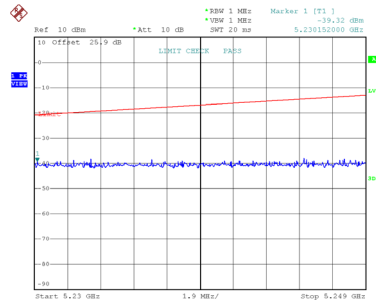


Date: 2.FEB.2026 19:11:26

5230 MHz < f ≤ 5249 MHz

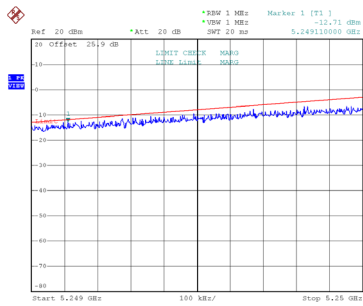


Date: 2.FEB.2026 19:09:52



Date: 2.FEB.2026 19:11:32

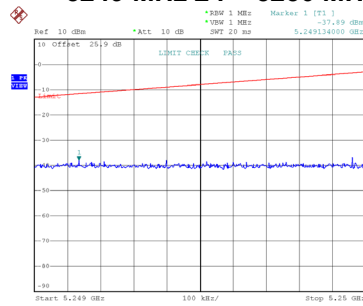
CH54



Date: 2.FEB.2026 19:09:58

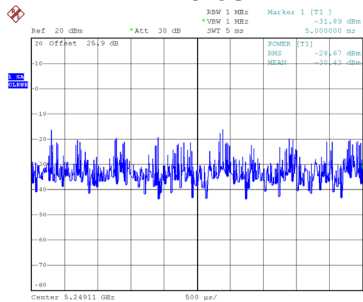
CH62

5249 MHz ≤ f < 5250 MHz



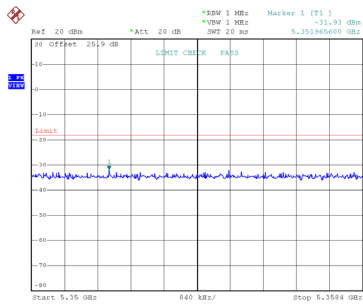
Date: 2.FEB.2026 19:11:38

ZeroSP

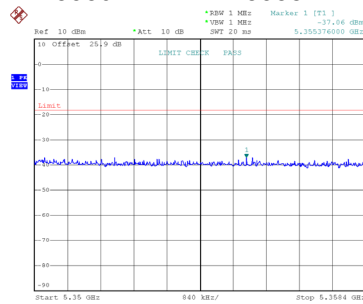


Date: 2.FEB.2026 19:10:03

5350 MHz ≤ f < 5358.4 MHz

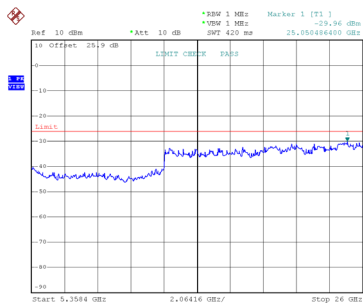


Date: 2.FEB.2026 19:10:10

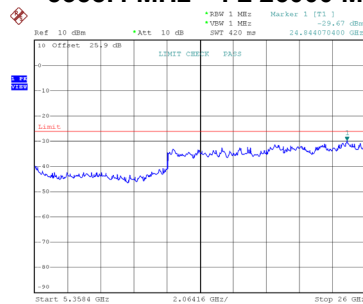


Date: 2.FEB.2026 19:11:44

5358.4 MHz < f ≤ 26000 MHz



Date: 2.FEB.2026 19:10:21



Date: 2.FEB.2026 19:11:54

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
Unwanted Emission Intensity (Max value in the band)	MHz	5203.30	30MHz ~ 5203.3MHz
	dBm/MHz	-28.06	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.56315	(-26.02 dBm/MHz)
	MHz	5206.84	5203.3MHz ~ 5210MHz
	dBm/MHz	-33.82	Limit $\leq 2.5 \sim 4 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.41495	(-26 ~ -24 dBm/MHz)
	MHz	5239.72	5210MHz ~ 5249MHz
	dBm/MHz	-28.27	Limit $\leq 4 \sim 25 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.48936	(-24 ~ -16 dBm/MHz)
	MHz	5249.01	5249MHz ~ 5250MHz
	dBm/MHz	-26.63	Limit $\leq 25 \sim 250 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	2.17270	(-16 ~ -6 dBm/MHz)
	MHz	5350.11	5350MHz ~ 5376.8MHz
	dBm/MHz	-31.09	Limit $\leq 15 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.77804	(-18.24 dBm/MHz)
	MHz	24597.62	5376.8MHz ~ 26000MHz
	dBm/MHz	-29.20	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.20226	(-26.02 dBm/MHz)

Note:

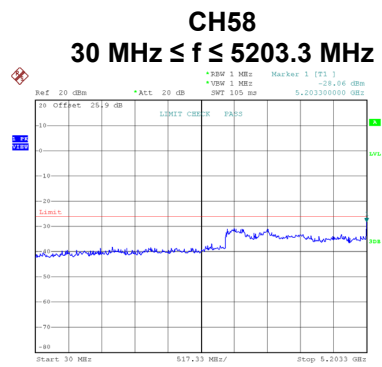
Emission value = SA measurement value (Include correction factor and cable loss)

Correction factor = $10 \log (X)$

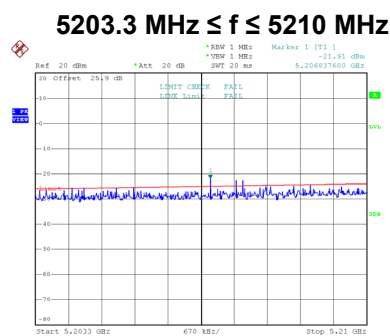
X = the total number of antennas

Explanation of Marker and ZeroSP test:

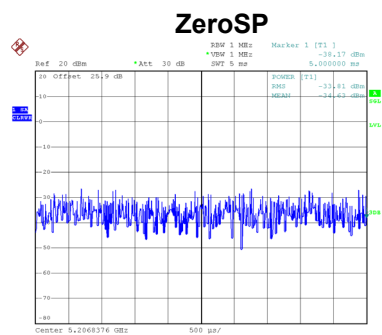
- 1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
- 2) The testing of ZeroSP is the worst, covering the entire frequency band.



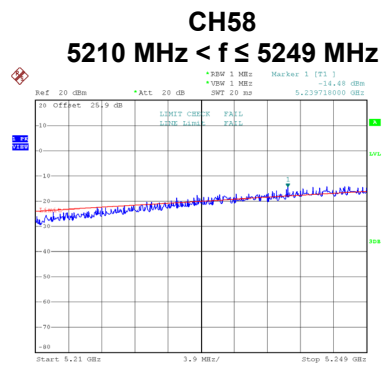
Date: 2.FEB.2026 19:24:31



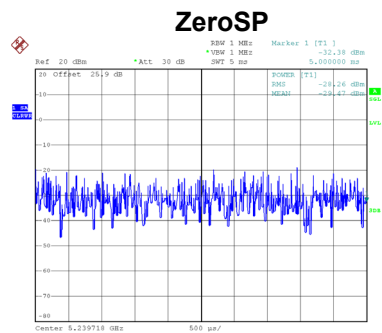
Date: 2.FEB.2026 19:24:38



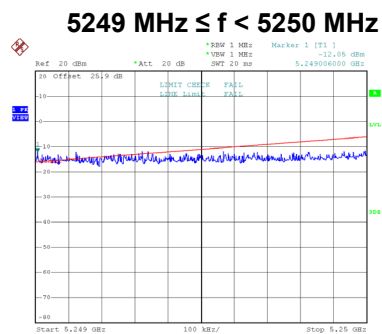
Date: 2.FEB.2026 19:24:43



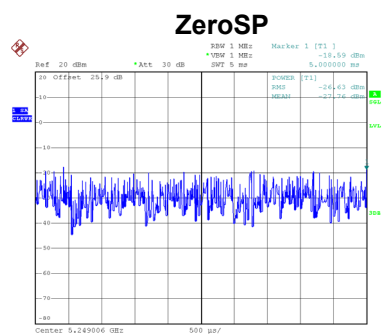
Date: 2.FEB.2026 19:24:49



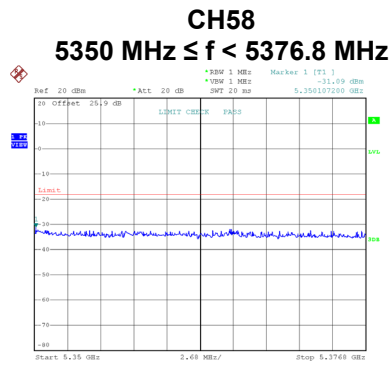
Date: 2.FEB.2026 19:24:54



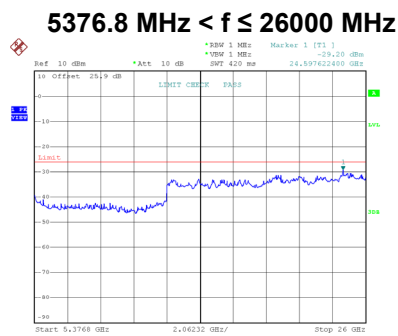
Date: 2.FEB.2026 19:25:01



Date: 2.FEB.2026 19:25:06



Date: 2.FEB.2026 19:25:13



Date: 2.FEB.2026 19:25:23

Test Mode:	IEEE 802.11ax(HE20) - W53
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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	4931.51	5066.79	30MHz ~ 5233.3MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)
	dBm/MHz	-38.68	-39.96	-39.47	
	μW/MHz	0.13552	0.10093	0.11298	
	MHz	5233.76	5233.54	5234.04	5233.3MHz ~ 5240MHz Limit ≤ 2.5 ~ 15.8 μW/MHz (-26 ~ -18dBm/MHz)
	dBm/MHz	-37.80	-39.66	-38.28	
	μW/MHz	0.16596	0.10814	0.14859	
	MHz	5248.86	5240.04	5240.02	5240MHz ~ 5249MHz Limit ≤ 15.8 ~ 100 μW/MHz (-18 ~ -10 dBm/MHz)
	dBm/MHz	-18.96	-40.19	-39.16	
	μW/MHz	12.70574	0.09572	0.12134	
	MHz	5249.07	5249.02	5249.01	5249MHz ~ 5249.8MHz Limit ≤ 100.0 ~ 631.0 μW/MHz (-10 ~ -2 dBm/MHz)
	dBm/MHz	-16.54	-39.14	-38.78	
	μW/MHz	22.18196	0.12190	0.13243	
	MHz	5249.81	5249.80	5249.80	5249.8 MHz ~ 5250 MHz Limit ≤ 631 ~ 2154.4 μW/MHz (-2 ~ 3.33dBm/MHz)
	dBm/MHz	-5.91	-39.29	-39.96	
	μW/MHz	256.44840	0.11776	0.10093	
	MHz	24513.20	24595.80	24761.00	5350MHz ~ 26000MHz Limit ≤ 2.5 μW/MHz (-26.02 dBm/MHz)
	dBm/MHz	-29.70	-30.29	-30.34	
	μW/MHz	1.07152	0.93541	0.92470	

Note:

Emission value = SA measurement value (Include correction factor and cable loss)

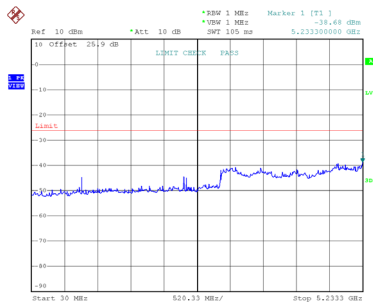
Correction factor = $10 \log (X)$

X = the total number of antennas

Explanation of Marker and ZeroSP test:

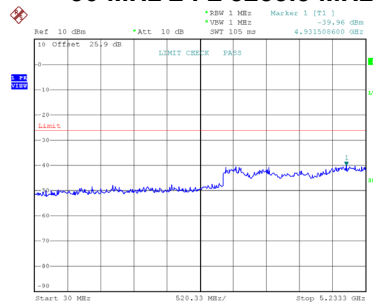
- 1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
- 2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH52



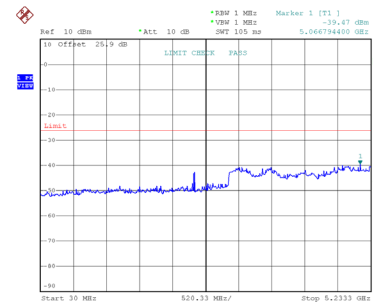
Date: 3.FEB.2026 09:51:24

CH60 30 MHz ≤ f ≤ 5233.3 MHz



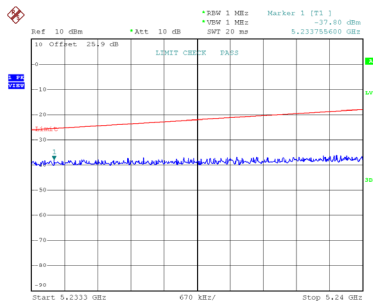
Date: 3.FEB.2026 09:53:09

CH64

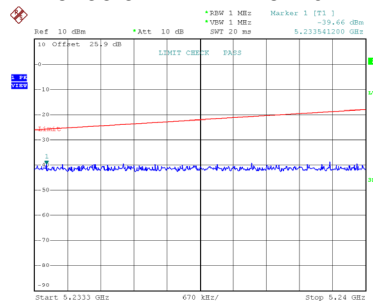


Date: 3.FEB.2026 09:54:16

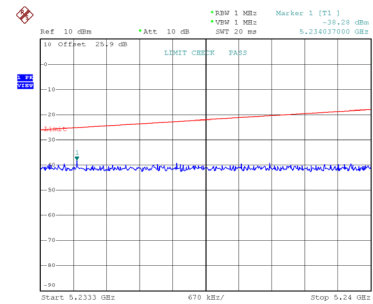
5233.3 MHz ≤ f ≤ 5240 MHz



Date: 3.FEB.2026 09:51:30

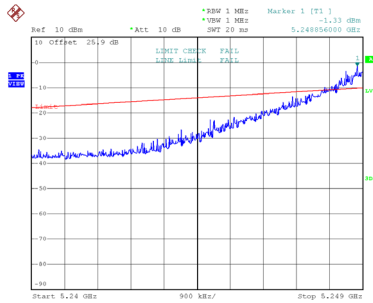


Date: 3.FEB.2026 09:53:16

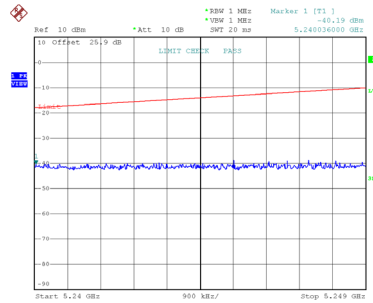


Date: 3.FEB.2026 09:54:22

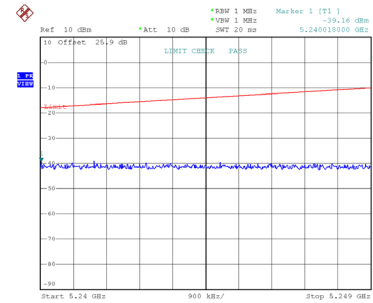
5240 MHz < f ≤ 5249 MHz



Date: 3.FEB.2026 09:51:37

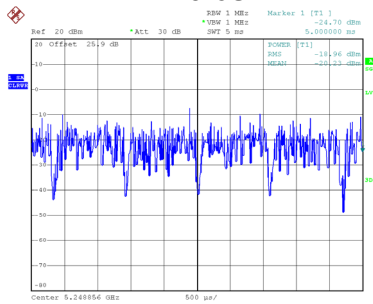


Date: 3.FEB.2026 09:53:22



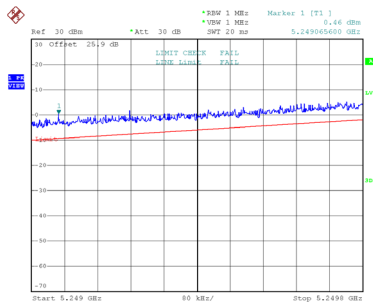
Date: 3.FEB.2026 09:54:28

ZeroSP



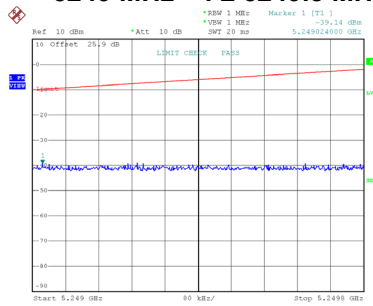
Date: 3.FEB.2026 09:51:42

CH52



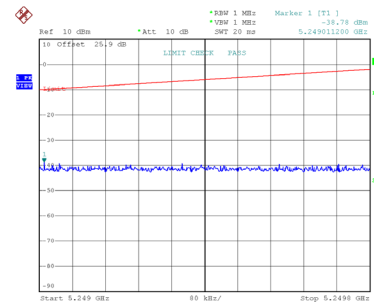
Date: 3.FEB.2026 09:51:48

CH60 5249 MHz < f ≤ 5249.8 MHz



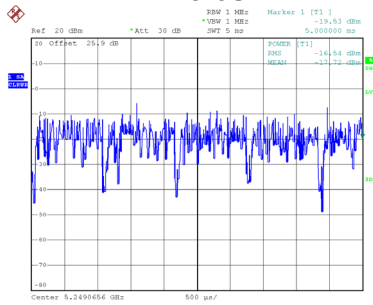
Date: 3.FEB.2026 09:53:29

CH64



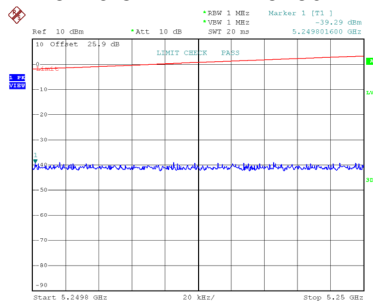
Date: 3.FEB.2026 09:54:35

ZeroSP

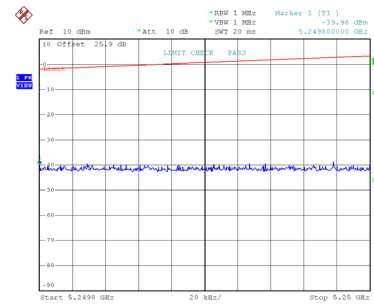


Date: 3.FEB.2026 09:51:53

5249.8 MHz < f ≤ 5250 MHz

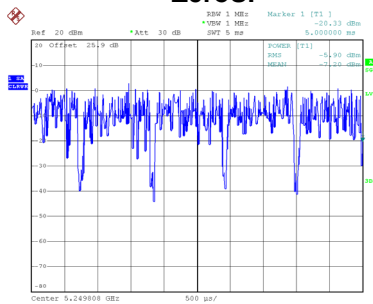


Date: 3.FEB.2026 09:53:35



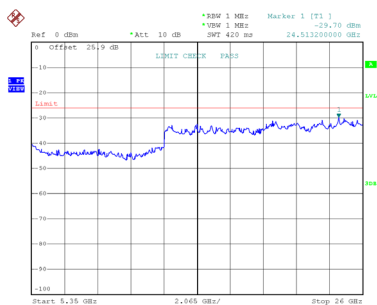
Date: 3.FEB.2026 09:54:41

ZeroSP



Date: 3.FEB.2026 09:52:05

CH52



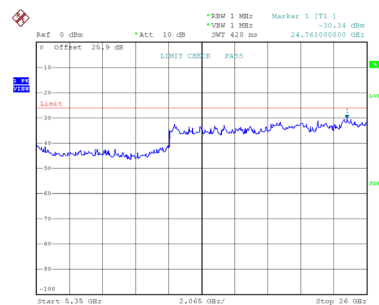
Date: 3.FEB.2026 09:52:16

CH60 5350 MHz ≤ f < 26000 MHz



Date: 3.FEB.2026 09:53:45

CH64



Date: 3.FEB.2026 09:54:51

Test Mode:	IEEE 802.11ax(HE40) - W53
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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	5190.45	3144.96	30MHz ~ 5221.6MHz
	dBm/MHz	-40.18	-40.57	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.09594	0.08770	(-26.02 dBm/MHz)
	MHz	5222.54	5221.62	5221.6MHz ~ 5230MHz
	dBm/MHz	-38.60	-39.74	Limit $\leq 2.5 \sim 7.9 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.13804	0.10617	(-26 ~ -21 dBm/MHz)
	MHz	5249.00	5230.57	5230MHz ~ 5249MHz
	dBm/MHz	-18.72	-40.00	Limit $\leq 7.9 \sim 50 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	13.42765	0.10000	(-21 ~ -13 dBm/MHz)
	MHz	5250.00	5249.02	5249MHz ~ 5250MHz
	dBm/MHz	-14.87	-39.69	Limit $\leq 50 \sim 500 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	32.58367	0.10740	(-13 ~ -3 dBm/MHz)
	MHz	5350.13	5350.24	5350MHz ~ 5358.4MHz
	dBm/MHz	-31.91	-37.86	Limit $\leq 15 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.64417	0.16368	(-18.24 dBm/MHz)
	MHz	25793.58	24637.65	5358.4MHz ~ 26000MHz
	dBm/MHz	-30.80	-30.25	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.83176	0.94406	(-26.02 dBm/MHz)

Note:

Emission value = SA measurement value (Include correction factor and cable loss)

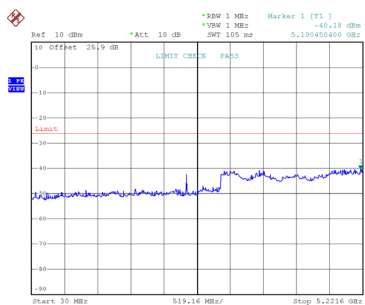
Correction factor = $10 \log (X)$

X = the total number of antennas

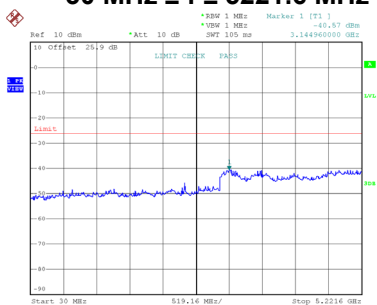
Explanation of Marker and ZeroSP test:

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

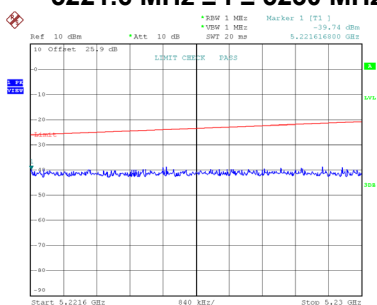
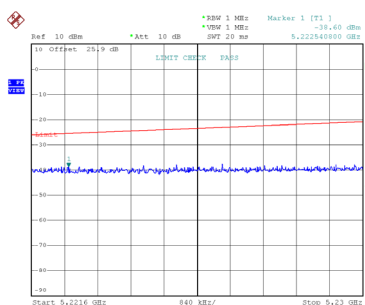
CH54



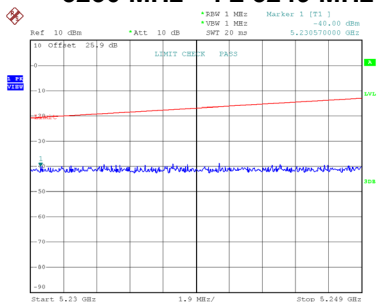
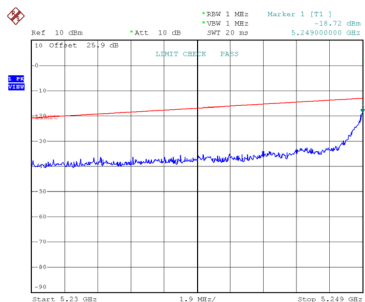
CH62 30 MHz ≤ f ≤ 5221.6 MHz



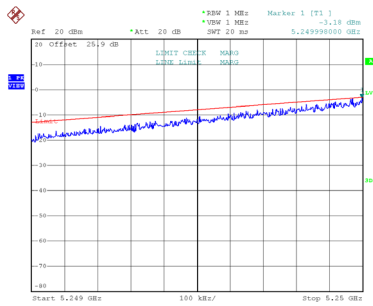
5221.6 MHz ≤ f ≤ 5230 MHz



5230 MHz < f ≤ 5249 MHz



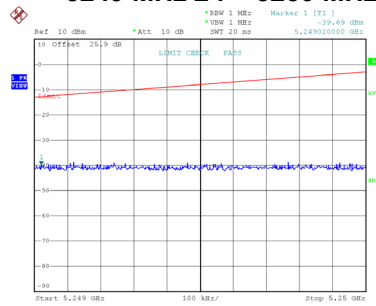
CH54



Date: 3.FEB.2026 10:04:54

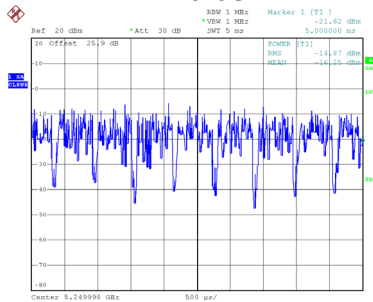
CH62

5249 MHz ≤ f < 5250 MHz



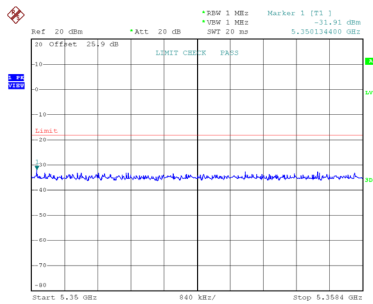
Date: 3.FEB.2026 10:06:13

ZeroSP

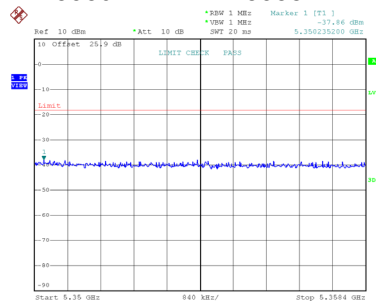


Date: 3.FEB.2026 10:04:59

5350 MHz ≤ f < 5358.4 MHz

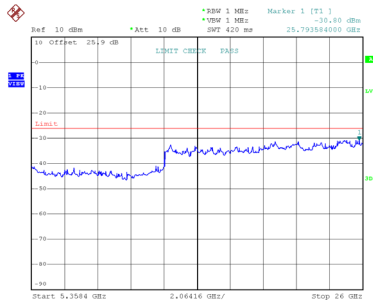


Date: 3.FEB.2026 10:05:06

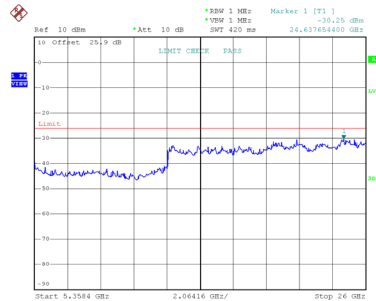


Date: 3.FEB.2026 10:06:19

5358.4 MHz < f ≤ 26000 MHz



Date: 3.FEB.2026 10:05:16



Date: 3.FEB.2026 10:06:29

Test Mode:	IEEE 802.11ax(HE80) - W53
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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	3123.63	30MHz ~ 5203.3MHz
	dBm/MHz	-31.03	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.78886	(-26.02 dBm/MHz)
	MHz	5205.65	5203.3MHz ~ 5210MHz
	dBm/MHz	-33.94	Limit $\leq 2.5 \sim 4 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.40365	(-26 ~ -24 dBm/MHz)
	MHz	5241.20	5210MHz ~ 5249MHz
	dBm/MHz	-28.77	Limit $\leq 4 \sim 25 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.32739	(-24 ~ -16 dBm/MHz)
	MHz	5249.04	5249MHz ~ 5250MHz
	dBm/MHz	-27.13	Limit $\leq 25 \sim 250 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.93642	(-16 ~ -6 dBm/MHz)
	MHz	5361.79	5350MHz ~ 5376.8MHz
	dBm/MHz	-31.79	Limit $\leq 15 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.66222	(-18.24 dBm/MHz)
	MHz	24556.38	5376.8MHz ~ 26000MHz
	dBm/MHz	-30.34	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.92470	(-26.02 dBm/MHz)

Note:

Emission value = SA measurement value (Include correction factor and cable loss)

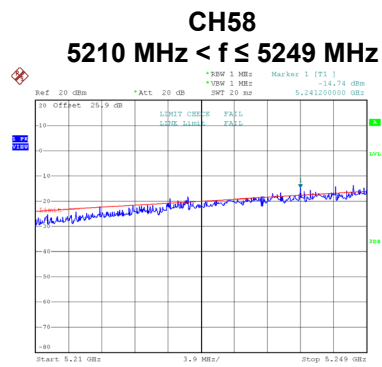
Correction factor = $10 \log (X)$

X = the total number of antennas

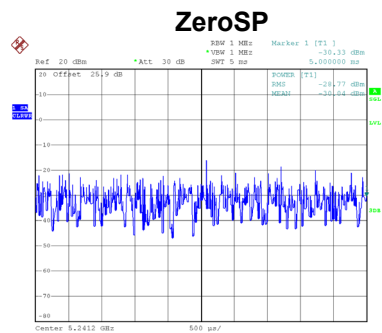
Explanation of Marker and ZeroSP test:

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

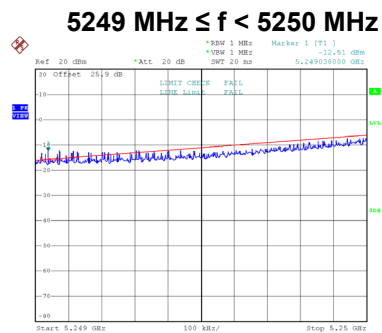




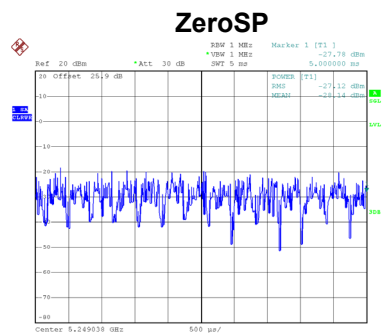
Date: 3.FEB.2026 10:12:57



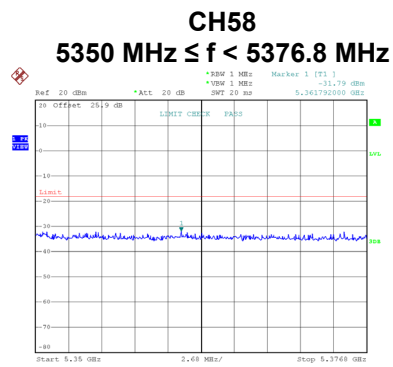
Date: 3.FEB.2026 10:13:02



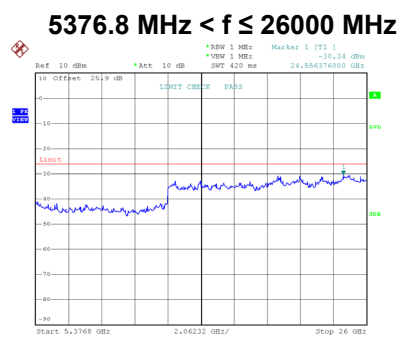
Date: 3.FEB.2026 10:13:09



Date: 3.FEB.2026 10:13:13



Date: 3.FEB.2026 10:13:20



Date: 3.FEB.2026 10:13:31

Test Mode:	IEEE 802.11ac(VHT160) - W52+W53
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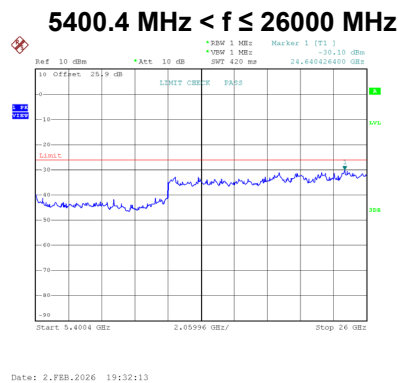
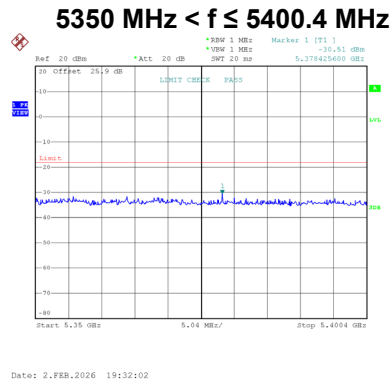
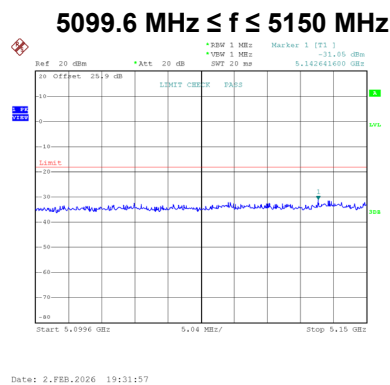
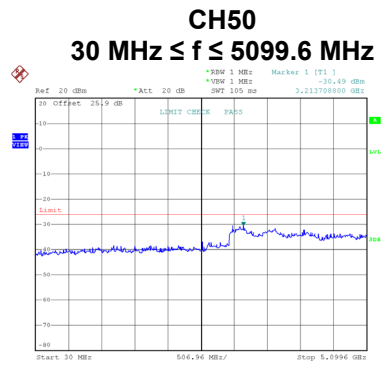
Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5250	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	3213.71	30MHz ~ 5099.6MHz
	dBm/MHz	-30.49	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.89331	(-26.02 dBm/MHz)
	MHz	5142.64	5099.6MHz ~ 5150MHz
	dBm/MHz	-31.05	Limit $\leq 15 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.78524	(-18.24 dBm/MHz)
	MHz	5378.43	5350MHz ~ 5400.4MHz
	dBm/MHz	-30.51	Limit $\leq 15 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.88920	(-18.24 dBm/MHz)
	MHz	24640.43	5400.4MHz ~ 26000MHz
	dBm/MHz	-30.10	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.97724	(-26.02 dBm/MHz)

Note:

Emission value = SA measurement value (Include correction factor and cable loss)

Correction factor = $10 \log (X)$

X = the total number of antennas



Test Mode:	IEEE 802.11ax(HE160) - W52+W53
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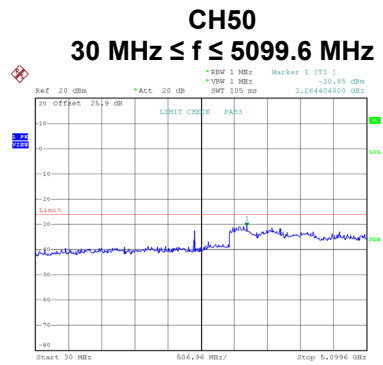
Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5250	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	3264.40	30MHz ~ 5099.6MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	dBm/MHz	-30.85	
	$\mu\text{W/MHz}$	0.82224	
	MHz	5106.76	5099.6MHz ~ 5150MHz Limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)
	dBm/MHz	-31.39	
	$\mu\text{W/MHz}$	0.72611	
	MHz	5355.75	5350MHz ~ 5400.4MHz Limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)
	dBm/MHz	-31.56	
	$\mu\text{W/MHz}$	0.69823	
	MHz	24475.63	5400.4MHz ~ 26000MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26.02 dBm/MHz)
	dBm/MHz	-30.25	
	$\mu\text{W/MHz}$	0.94406	

Note:

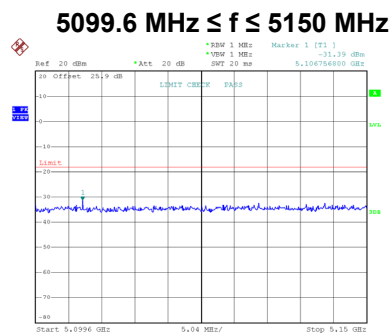
Emission value = SA measurement value (Include correction factor and cable loss)

Correction factor = $10 \log (X)$

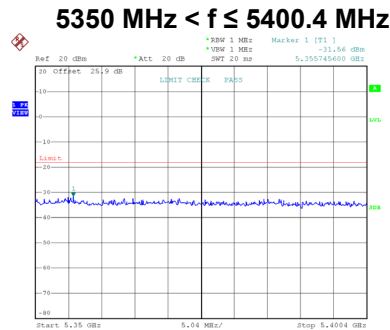
X = the total number of antennas



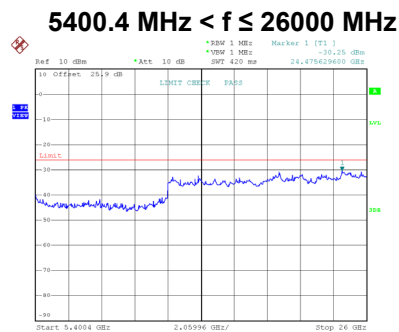
Date: 3.FEB.2026 10:18:19



Date: 3.FEB.2026 10:18:26



Date: 3.FEB.2026 10:18:31



Date: 3.FEB.2026 10:18:42

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
Unwanted Emission Intensity (Max value in the band)	MHz	3179.40	3125.10	3114.24	30MHz ~ 5460MHz
	dBm/MHz	-29.37	-29.12	-28.92	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.15611	1.22462	1.28233	(-26.02 dBm/MHz)
	MHz	5465.14	5465.08	5461.40	5460MHz ~ 5470MHz
	dBm/MHz	-30.51	-31.15	-31.48	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.88920	0.76736	0.71121	(-19.03 dBm/MHz)
	MHz	5760.52	5764.44	5746.04	5745MHz ~ 5765MHz
	dBm/MHz	-31.28	-30.99	-27.60	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.74473	0.79616	1.73780	(-19.03 dBm/MHz)
	MHz	24988.25	24826.37	24502.61	5765MHz ~ 26000MHz
	dBm/MHz	-28.43	-28.79	-38.57	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.43549	1.32130	0.13900	(-26.02 dBm/MHz)

Note:

Emission value = SA measurement value (Include correction factor and cable loss)

Correction factor = $10 \log (X)$

X = the total number of antennas

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	3222.84	3125.10	3602.94	30MHz ~ 5460MHz
	dBm/MHz	-30.12	-30.49	-30.44	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.97275	0.89331	0.90365	(-26.02 dBm/MHz)
	MHz	5468.36	5460.28	5466.62	5460MHz ~ 5470MHz
	dBm/MHz	-31.35	-32.34	-33.21	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.73282	0.58345	0.47753	(-19.03 dBm/MHz)
	MHz	5762.92	5757.76	5745.16	5745MHz ~ 5765MHz
	dBm/MHz	-32.51	-32.23	-27.58	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.56105	0.59841	1.74582	(-19.03 dBm/MHz)
	MHz	21831.59	24785.90	24502.61	5765MHz ~ 26000MHz
	dBm/MHz	-29.98	-29.85	-39.67	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.00462	1.03514	0.10789	(-26.02 dBm/MHz)

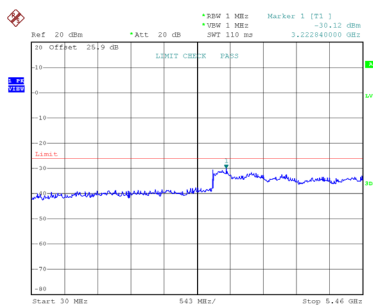
Note:

Emission value = SA measurement value (Include correction factor and cable loss)

Correction factor = $10 \log (X)$

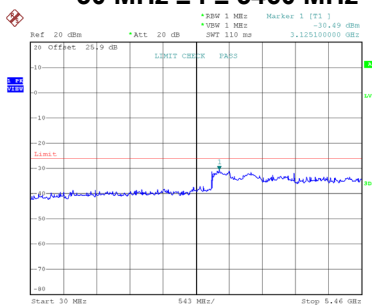
X = the total number of antennas

CH100



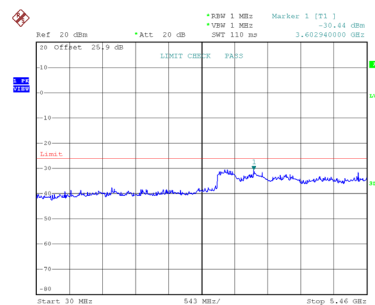
Date: 2.FEB.2026 19:02:22

CH120 30 MHz ≤ f ≤ 5460 MHz



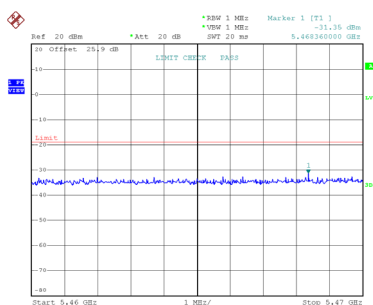
Date: 2.FEB.2026 19:03:21

CH144

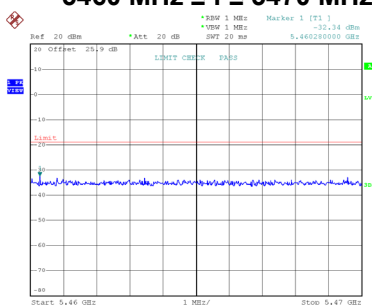


Date: 2.FEB.2026 19:04:28

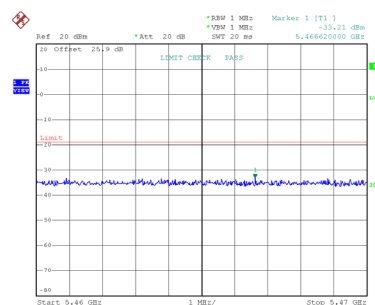
5460 MHz ≤ f ≤ 5470 MHz



Date: 2.FEB.2026 19:02:28

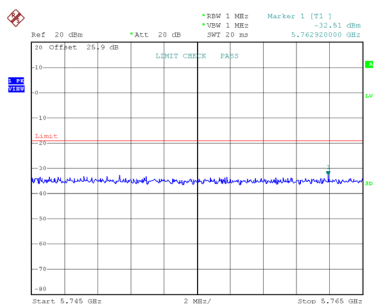


Date: 2.FEB.2026 19:03:27

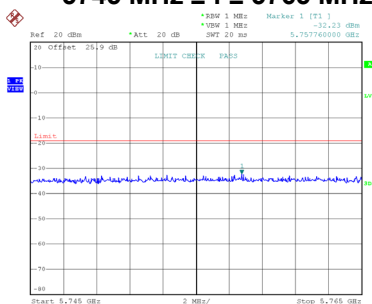


Date: 2.FEB.2026 19:04:34

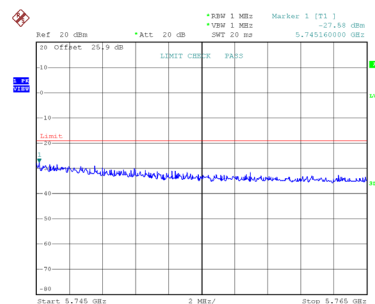
5745 MHz ≤ f ≤ 5765 MHz



Date: 2.FEB.2026 19:02:34

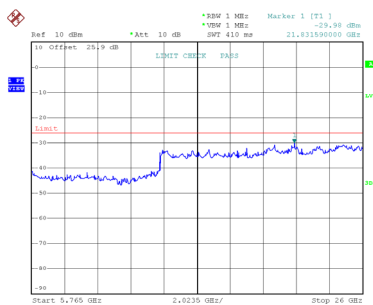


Date: 2.FEB.2026 19:03:32

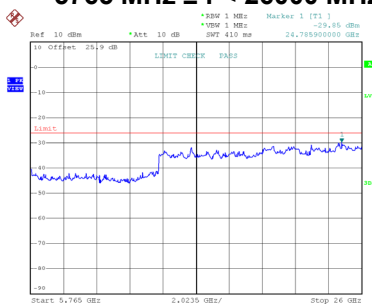


Date: 2.FEB.2026 19:04:40

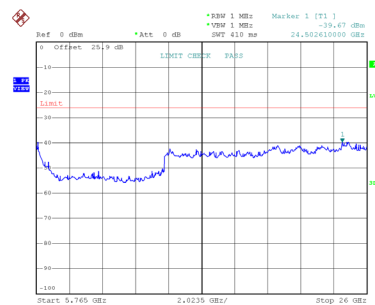
5765 MHz ≤ f < 26000 MHz



Date: 2.FEB.2026 19:02:44



Date: 2.FEB.2026 19:03:43



Date: 2.FEB.2026 19:04:50

Test Mode:	IEEE 802.11ac(VHT40) - W56
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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	4917.00	4906.14	30MHz ~ 5460MHz
	dBm/MHz	-37.07	-38.41	-39.06	Limit $\leq 12.5 \mu\text{W/MHz}$ (-19.03 dBm/MHz)
	$\mu\text{W/MHz}$	0.19634	0.14421	0.12417	
	MHz	5469.10	5467.60	5468.24	5460MHz ~ 5470MHz
	dBm/MHz	-30.32	-38.03	-38.11	Limit $\leq 50 \mu\text{W/MHz}$ (-13.01 dBm/MHz)
	$\mu\text{W/MHz}$	0.92897	0.15740	0.15453	
	MHz	25028.96	24664.82	24745.74	5770MHz ~ 26000MHz
	dBm/MHz	-29.90	-29.85	-29.97	Limit $\leq 12.5 \mu\text{W/MHz}$ (-19.03 dBm/MHz)
	$\mu\text{W/MHz}$	1.02329	1.03514	1.00693	

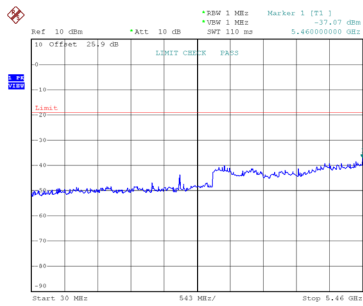
Note:

Emission value = SA measurement value (Include correction factor and cable loss)

Correction factor = $10 \log (X)$

X = the total number of antennas

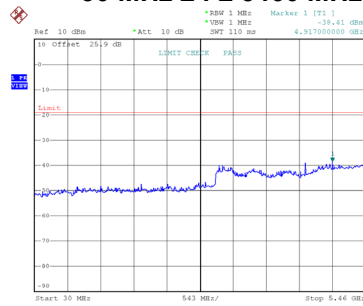
CH102



Date: 2.FEB.2026 19:12:29

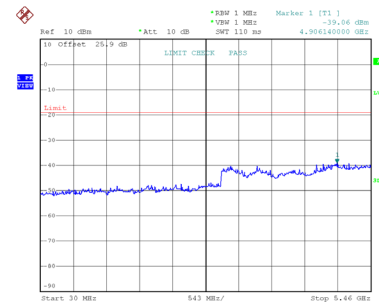
CH118

30 MHz ≤ f ≤ 5460 MHz



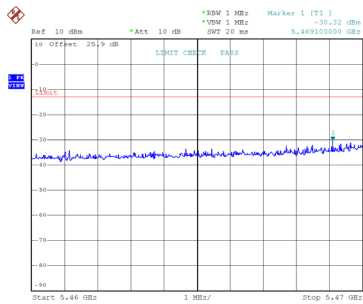
Date: 2.FEB.2026 19:14:52

CH142

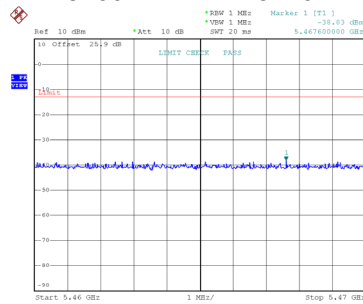


Date: 2.FEB.2026 19:15:59

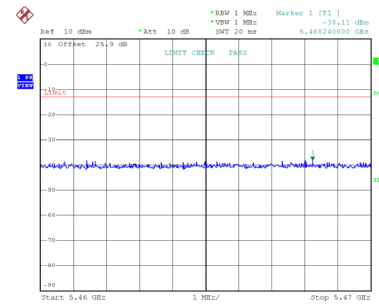
5460 MHz ≤ f < 5470 MHz



Date: 2.FEB.2026 19:12:35

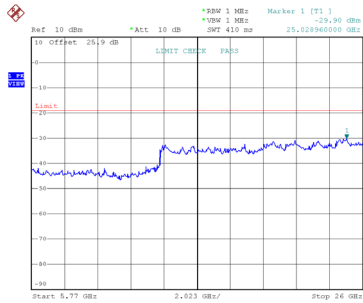


Date: 2.FEB.2026 19:14:59

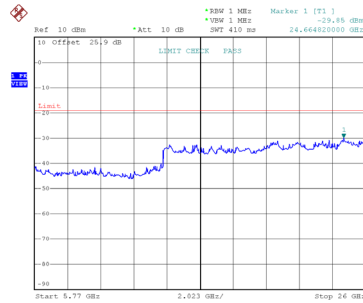


Date: 2.FEB.2026 19:16:05

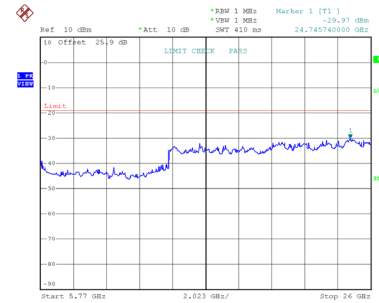
5770 MHz < f ≤ 26000 MHz



Date: 2.FEB.2026 19:12:45



Date: 2.FEB.2026 19:15:08



Date: 2.FEB.2026 19:16:15

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
Unwanted Emission Intensity (Max value in the band)	MHz	3114.24	3559.50	3190.26	30MHz ~ 5460MHz
	dBm/MHz	-30.06	-30.85	-30.99	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.98628	0.82224	0.79616	(-19.03 dBm/MHz)
	MHz	5469.12	5460.49	5466.29	5460MHz ~ 5469.5MHz
	dBm/MHz	-27.23	-32.90	-33.09	Limit $\leq 50 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.89234	0.51286	0.49091	(-13.01 dBm/MHz)
	MHz	5469.94	5469.59	5469.54	5469.5MHz ~ 5470MHz
	dBm/MHz	-24.73	-32.78	-32.97	Limit $\leq 51.2 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	3.36512	0.52723	0.50466	(-12.91 dBm/MHz)
	MHz	24907.58	24502.98	24624.36	5770MHz ~ 26000MHz
	dBm/MHz	-29.74	-30.35	-30.47	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.06170	0.92257	0.89743	(-19.03 dBm/MHz)

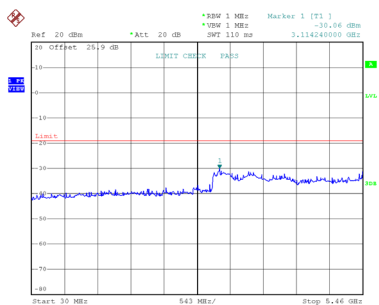
Note:

Emission value = SA measurement value (Include correction factor and cable loss)

Correction factor = $10 \log (X)$

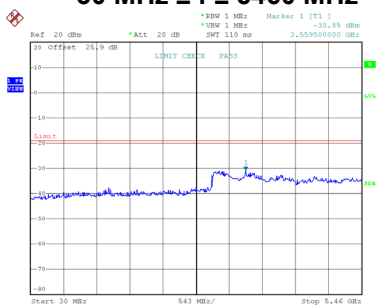
X = the total number of antennas

CH106



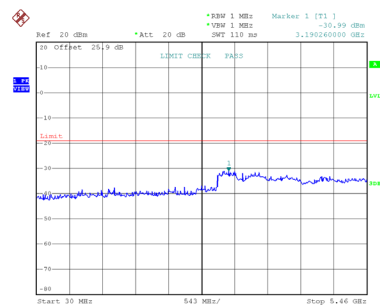
Date: 2.FEB.2026 19:26:40

CH122 30 MHz ≤ f ≤ 5460 MHz



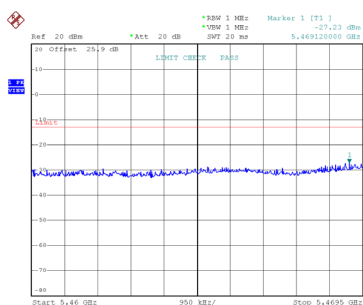
Date: 2.FEB.2026 19:27:56

CH138

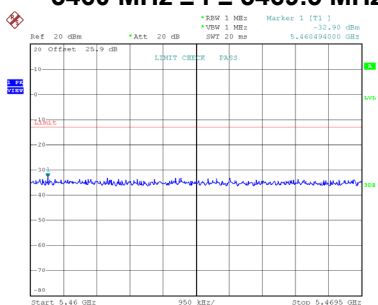


Date: 2.FEB.2026 19:29:08

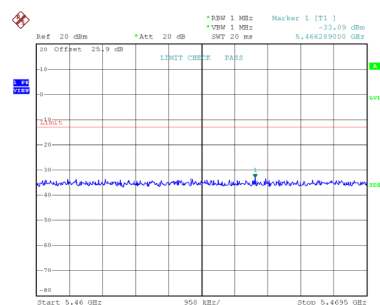
5460 MHz ≤ f ≤ 5469.5 MHz



Date: 2.FEB.2026 19:26:46

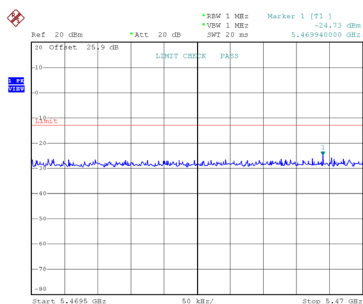


Date: 2.FEB.2026 19:28:03

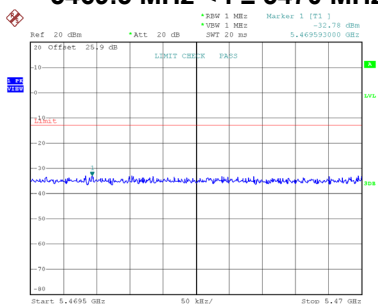


Date: 2.FEB.2026 19:29:15

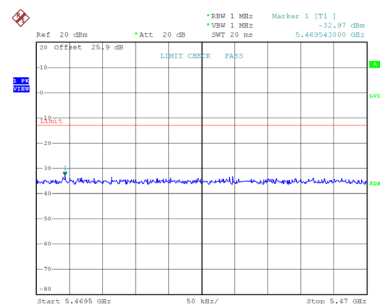
5469.5 MHz < f ≤ 5470 MHz



Date: 2.FEB.2026 19:26:52

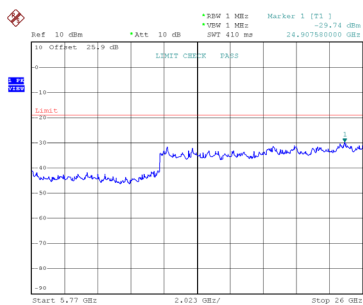


Date: 2.FEB.2026 19:28:09

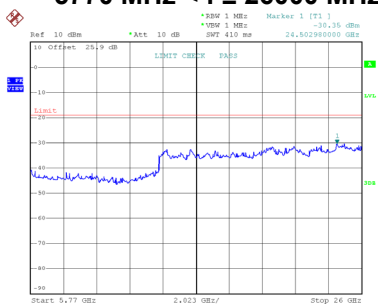


Date: 2.FEB.2026 19:29:21

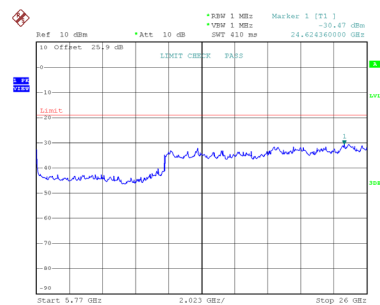
5770 MHz < f ≤ 26000 MHz



Date: 2.FEB.2026 19:27:02



Date: 2.FEB.2026 19:28:18



Date: 2.FEB.2026 19:29:30

Test Mode:	IEEE 802.11ac(VHT160) - W56
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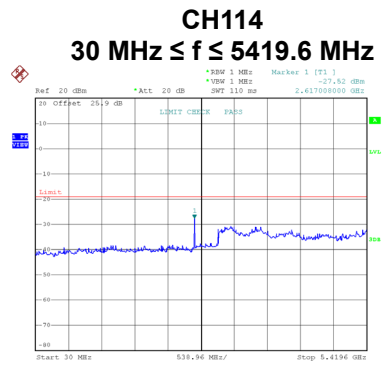
Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5570	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	2617.01	30MHz ~ 5419.6MHz
	dBm/MHz	-27.52	Limit $\leq 12.5 \mu\text{W/MHz}$ (-19.03 dBm/MHz)
	$\mu\text{W/MHz}$	1.77011	
	MHz	5468.39	5419.6MHz ~ 5470MHz
	dBm/MHz	-28.12	Limit $\leq 50 \mu\text{W/MHz}$ (-13.01 dBm/MHz)
	$\mu\text{W/MHz}$	1.54170	
	MHz	25026.80	5725MHz ~ 26000MHz
	dBm/MHz	-30.81	Limit $\leq 12.5 \mu\text{W/MHz}$ (-19.03 dBm/MHz)
	$\mu\text{W/MHz}$	0.82985	

Note:

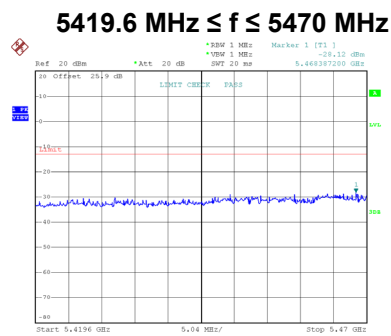
Emission value = SA measurement value (Include correction factor and cable loss)

Correction factor = $10 \log (X)$

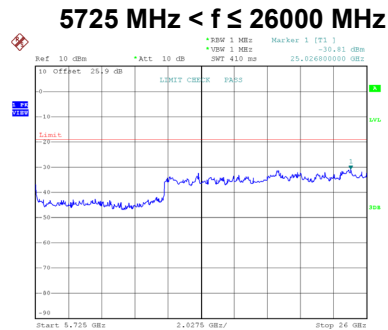
X = the total number of antennas



Date: 2.FEB.2026 19:32:57



Date: 2.FEB.2026 19:33:03



Date: 2.FEB.2026 19:33:10

Test Mode:	IEEE 802.11ax(HE20) - 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	3222.84	3157.68	3613.80	30MHz ~ 5460MHz
	dBm/MHz	-29.97	-30.50	-30.96	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	1.00693	0.89125	0.80168	(-26.02 dBm/MHz)
	MHz	5464.30	5462.10	5465.52	5460MHz ~ 5470MHz
	dBm/MHz	-32.29	-33.01	-33.07	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.59020	0.50003	0.49317	(-19.03 dBm/MHz)
	MHz	5748.16	5753.48	5745.84	5745MHz ~ 5765MHz
	dBm/MHz	-32.68	-32.63	-32.25	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.53951	0.54576	0.59566	(-19.03 dBm/MHz)
	MHz	24543.08	24907.31	5765.00	5765MHz ~ 26000MHz
	dBm/MHz	-30.13	-30.70	-35.67	Limit $\leq 2.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.97051	0.85114	0.27102	(-26.02 dBm/MHz)

Note:

Emission value = SA measurement value (Include correction factor and cable loss)

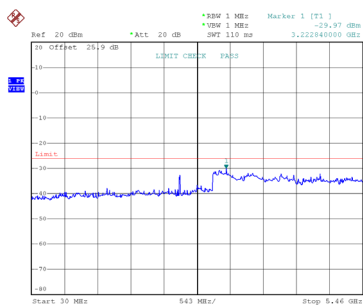
Correction factor = $10 \log (X)$

X = the total number of antennas

Explanation of Marker and ZeroSP test:

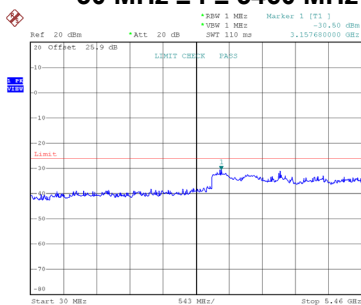
- 1) The frequency of Marker during testing is the frequency that exceeds the limit the most.
- 2) The testing of ZeroSP is the worst, covering the entire frequency band.

CH100



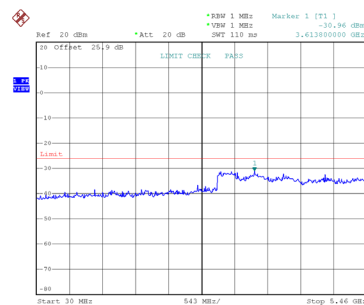
Date: 3.FEB.2026 09:55:35

CH120 30 MHz ≤ f ≤ 5460 MHz



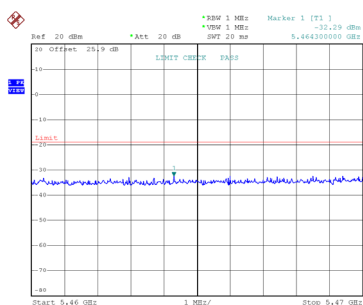
Date: 3.FEB.2026 09:56:31

CH144

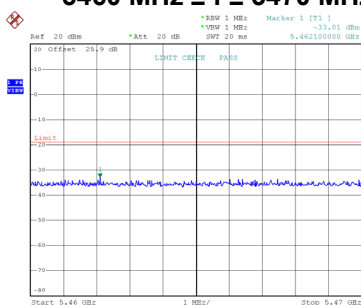


Date: 3.FEB.2026 09:57:44

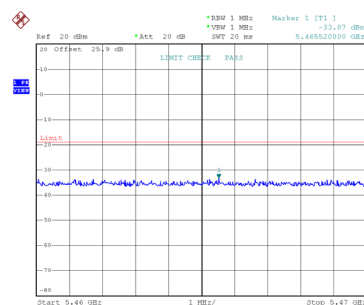
5460 MHz ≤ f ≤ 5470 MHz



Date: 3.FEB.2026 09:55:41

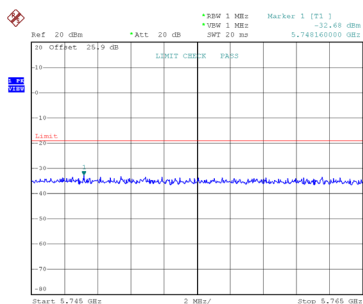


Date: 3.FEB.2026 09:56:37

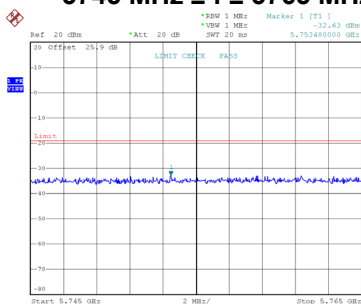


Date: 3.FEB.2026 09:57:50

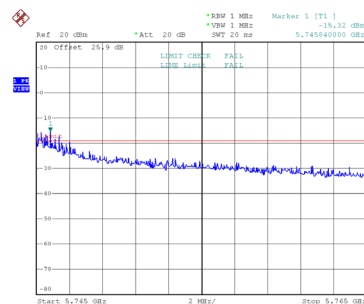
5745 MHz ≤ f ≤ 5765 MHz



Date: 3.FEB.2026 09:55:47

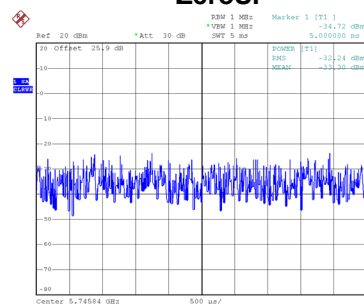


Date: 3.FEB.2026 09:56:43



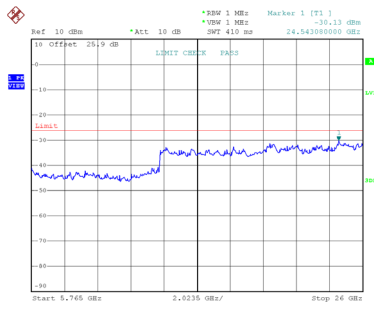
Date: 3.FEB.2026 09:57:56

ZeroSP



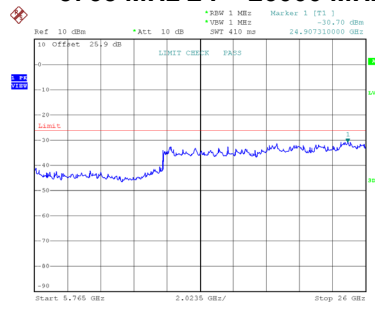
Date: 3.FEB.2026 09:58:00

CH100



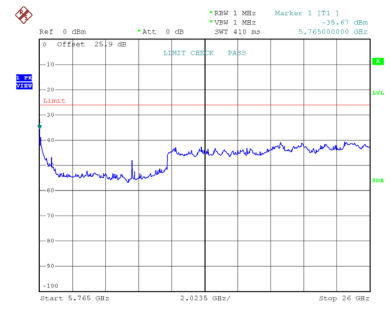
Date: 3.FEB.2026 09:55:57

CH120 5765 MHz ≤ f < 26000 MHz



Date: 3.FEB.2026 09:56:53

CH144



Date: 3.FEB.2026 09:58:11

Test Mode:	IEEE 802.11ax(HE40) - W56
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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	5373.12	5383.98	30MHz ~ 5460MHz
	dBm/MHz	-37.24	-39.09	-39.18	Limit $\leq 12.5 \mu\text{W/MHz}$ (-19.03 dBm/MHz)
	$\mu\text{W/MHz}$	0.18880	0.12331	0.12078	
	MHz	5470.00	5460.46	5467.94	5460MHz ~ 5470MHz
	dBm/MHz	-31.52	-39.27	-38.82	Limit $\leq 50 \mu\text{W/MHz}$ (-13.01 dBm/MHz)
	$\mu\text{W/MHz}$	0.70469	0.11830	0.13122	
	MHz	24907.58	25757.24	24543.44	5770MHz ~ 26000MHz
	dBm/MHz	-29.86	-29.75	-30.23	Limit $\leq 12.5 \mu\text{W/MHz}$ (-19.03 dBm/MHz)
	$\mu\text{W/MHz}$	1.03276	1.05925	0.94842	

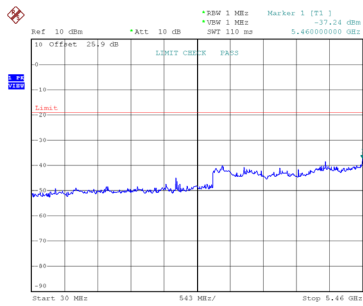
Note:

Emission value = SA measurement value (Include correction factor and cable loss)

Correction factor = $10 \log (X)$

X = the total number of antennas

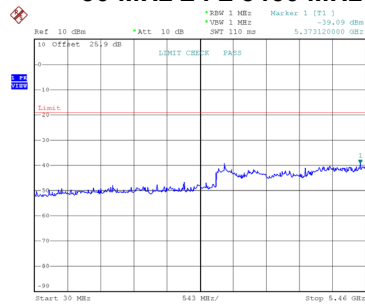
CH102



Date: 3.FEB.2026 10:07:27

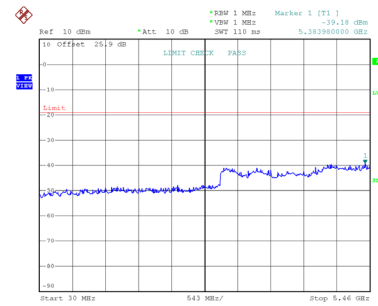
CH118

30 MHz ≤ f ≤ 5460 MHz



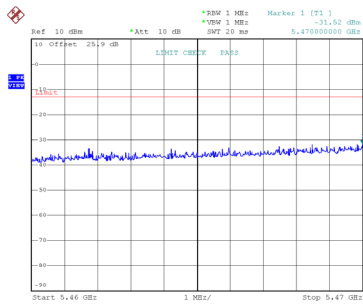
Date: 3.FEB.2026 10:08:23

CH142

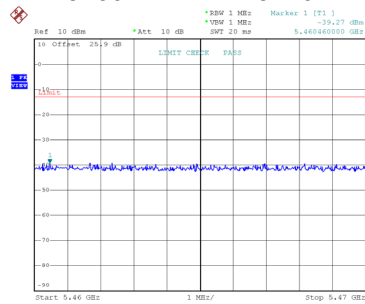


Date: 3.FEB.2026 10:09:19

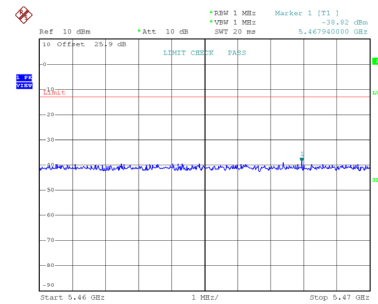
5460 MHz ≤ f < 5470 MHz



Date: 3.FEB.2026 10:07:33

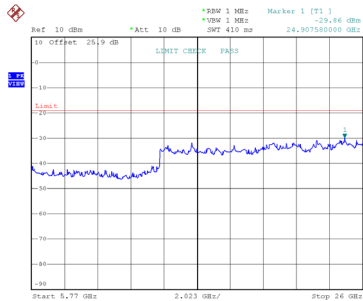


Date: 3.FEB.2026 10:08:29

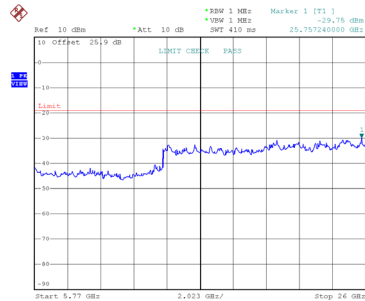


Date: 3.FEB.2026 10:09:25

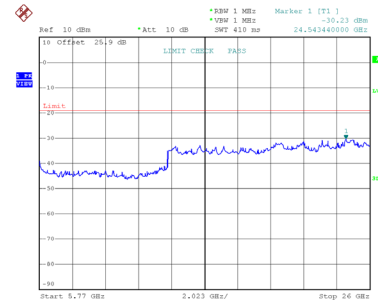
5770 MHz < f ≤ 26000 MHz



Date: 3.FEB.2026 10:07:43



Date: 3.FEB.2026 10:08:38



Date: 3.FEB.2026 10:09:35

Test Mode:	IEEE 802.11ax(HE80) - W56
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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	3179.40	3146.82	3070.80	30MHz ~ 5460MHz
	dBm/MHz	-30.05	-30.91	-30.73	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.98855	0.81096	0.84528	(-19.03 dBm/MHz)
	MHz	5469.27	5461.86	5462.93	5460MHz ~ 5469.5MHz
	dBm/MHz	-26.19	-33.11	-33.69	Limit $\leq 50 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	2.40436	0.48865	0.42756	(-13.01 dBm/MHz)
	MHz	5469.88	5469.80	5469.84	5469.5MHz ~ 5470MHz
	dBm/MHz	-26.02	-33.27	-33.29	Limit $\leq 51.2 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	2.50035	0.47098	0.46881	(-12.91 dBm/MHz)
	MHz	24826.66	25635.86	24745.74	5770MHz ~ 26000MHz
	dBm/MHz	-30.24	-30.76	-30.58	Limit $\leq 12.5 \mu\text{W/MHz}$
	$\mu\text{W/MHz}$	0.94624	0.83946	0.87498	(-19.03 dBm/MHz)

Note:

Emission value = SA measurement value (Include correction factor and cable loss)

Correction factor = $10 \log (X)$

X = the total number of antennas

Test Mode:	IEEE 802.11ax(HE160) - W56
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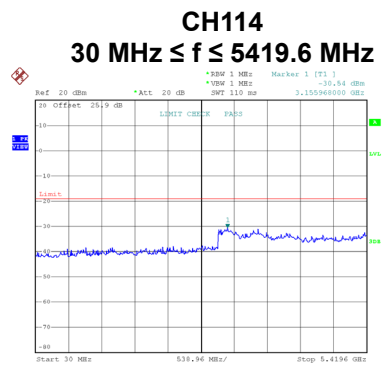
Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5570	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Max value in the band)	MHz	3155.97	30MHz ~ 5419.6MHz
	dBm/MHz	-30.54	Limit $\leq 12.5 \mu\text{W/MHz}$ (-19.03 dBm/MHz)
	$\mu\text{W/MHz}$	0.88308	
	MHz	5465.56	5419.6MHz ~ 5470MHz
	dBm/MHz	-29.57	Limit $\leq 50 \mu\text{W/MHz}$ (-13.01 dBm/MHz)
	$\mu\text{W/MHz}$	1.10408	
	MHz	24864.60	5725MHz ~ 26000MHz
	dBm/MHz	-31.72	Limit $\leq 12.5 \mu\text{W/MHz}$ (-19.03 dBm/MHz)
	$\mu\text{W/MHz}$	0.67298	

Note:

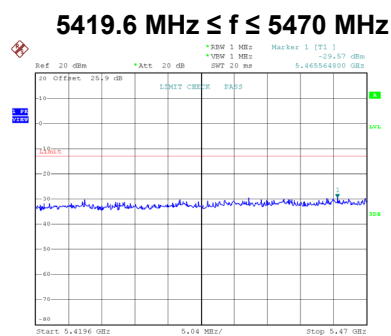
Emission value = SA measurement value (Include correction factor and cable loss)

Correction factor = $10 \log (X)$

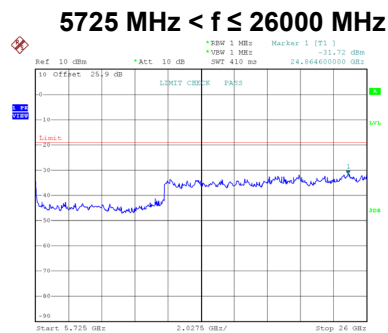
X = the total number of antennas



Date: 3.FEB.2026 10:20:05



Date: 3.FEB.2026 10:20:12



Date: 3.FEB.2026 10:20:18

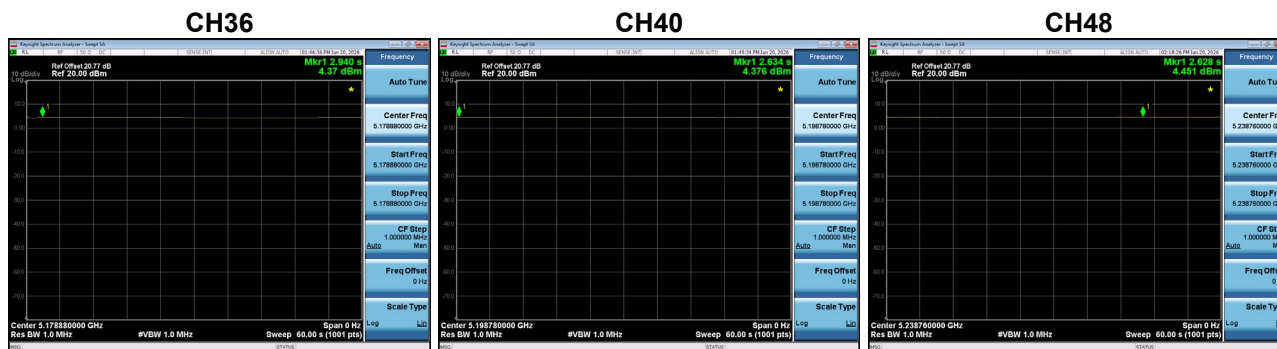
APPENDIX D - ANTENNA POWER TOLERANCE

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)	2.7353	2.7606	2.8840	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	2.88			-
Antenna Power Tolerance (%)	-5.02	-4.15	+0.14	Limit + 20% ~ - 80%
EIRP (mW/MHz)	8.9950	9.0782	9.4842	Limit ≤ 10 mW/MHz

Note:

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

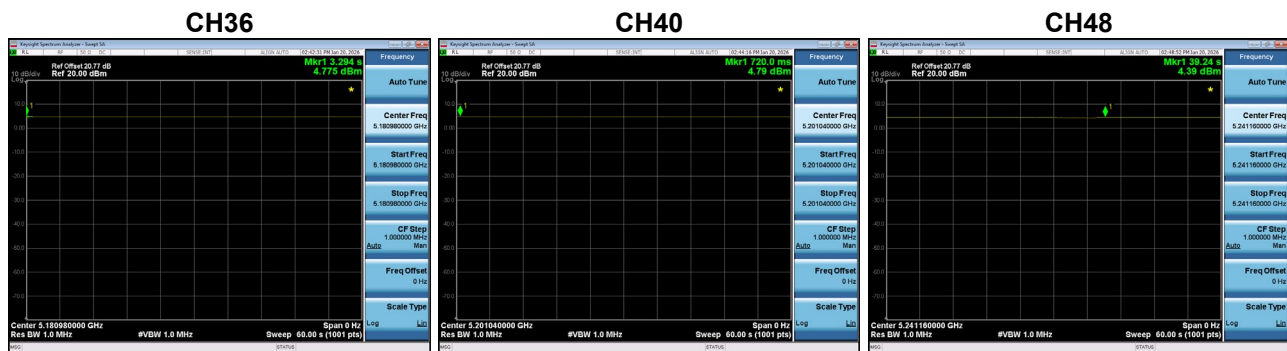


Test Mode: IEEE 802.11ac(VHT20) - W52

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	3.0061	3.0130	2.7479	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	3.01			-
Antenna Power Tolerance (%)	-0.13	+0.10	-8.71	Limit + 20% ~ - 80%
EIRP (mW/MHz)	9.8855	9.9083	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)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas



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)	1.3740	1.3804	Limit ≤ 5 mW/MHz
Antenna Power (Rated) (mW/MHz)	1.38		-
Antenna Power Tolerance (%)	-0.43	+0.03	Limit + 20% ~ - 80%
EIRP (mW/MHz)	4.5186	4.5394	Limit ≤ 5 mW/MHz

Note:

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

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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)	0.7031	Limit ≤ 2.5 mW/MHz
Antenna Power (Rated) (mW/MHz)	0.70	-
Antenna Power Tolerance (%)	+0.44	Limit + 20% ~ - 80%
EIRP (mW/MHz)	2.3121	Limit ≤ 2.5 mW/MHz

Note:

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

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