

Band_W56

Test Plots - (Normal Voltage)

IEEE 802.11ac(VHT40) / 5710 MHz

IEEE 802.11ac(VHT80) / 5530 MHz



Band_W56

Test Plots - (Normal Voltage)

IEEE 802.11ac(VHT80) / 5610 MHz

IEEE 802.11ac(VHT80) / 5690 MHz

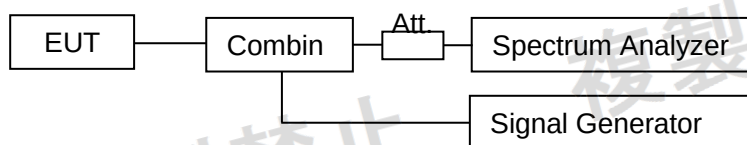


12.7 Carrier Sense Measurement

Limit

The radio equipment connected to telecommunication circuit equipment shall be equipped with a device which detects emissions radiated from another radio station and prevents interference, or a device which prevents interference by operation on a receive signal and a signal for diffusion for signal level detection.

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

1. Set the signal generator as below:
 - a. Set Carrier frequency to center frequency of receiving frequency band of test equipment
 - b. Set modulation to no modulation. (The un-modulated carrier in the center frequency, when the carrier sense function of the EUT is not worked, if necessary, change the frequency or modulate it.)
 - c. Set output level to regulated level on antenna input of the EUT.
2. Set the spectrum analyze as below:
 - a. Set frequency to center frequency of the bandwidth used ^{note 1}.
 - b. Set sweep frequency band to 50MHz^{note 1}
 - c. Set RBW to approximately 1MHz
 - d. Set VBW $\geq$ RBW.
 - e. Set trigger condition to free-run
 - f. Set detective mode to positive peak

Note 1: Under 26 MHz of OFDM or other modulated method that with transmit function, set sweep frequency band as 0 Hz, detective mode as sample, center frequency as the carrier frequency from 13 MHz to 19 MHz.

3. Set the EUT at the test frequency and test spread code.
4. Set the EUT to the transmitting operation with the output of standard signal generator OFF, and confirm that it emits over 26 MHz occupied frequency bandwidth OFDM radio wave, by using spectrum analyzer.
5. Set the EUT to the receiving mode.
6. With the output of standard signal generator ON, set the EUT to the transmitting operation, and confirm that it does not emit over 26 MHz occupied frequency bandwidth OFDM radio wave, by using spectrum analyzer.

TEST RESULTS

PASS

Please refer to the following table.

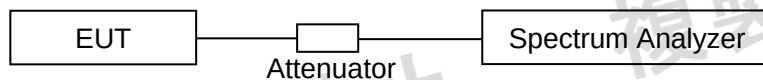
Mode	Channel	Test Result		
		Normal voltage	High voltage	Low voltage
W52				
802.11 a 802.11n(HT20) 802.11 ac(VHT20)	CH36	PASS	/	/
	CH40	PASS	/	/
	CH48	PASS	/	/
802.11n(HT40) 802.11 ac(VHT40)	CH38	PASS	/	/
	CH46	PASS	/	/
802.11 ac(VHT80)	CH42	PASS	/	/
W53				
802.11 a 802.11n(HT20) 802.11 ac(VHT20)	CH52	PASS	/	/
	CH60	PASS	/	/
	CH64	PASS	/	/
802.11n(HT40) 802.11 ac(VHT40)	CH54	PASS	/	/
	CH62	PASS	/	/
802.11 ac(VHT80)	CH58	PASS	/	/
W56				
802.11 a 802.11n(HT20) 802.11 ac(VHT20)	CH52	PASS	/	/
	CH60	PASS	/	/
	CH64	PASS	/	/
802.11n(HT40) 802.11 ac(VHT40)	CH54	PASS	/	/
	CH62	PASS	/	/
802.11 ac(VHT80)	CH58	PASS	/	/

12.8 Adjacent Channel Emitted Power Measurement

Limit

Standard	Requirement		Limit	
			BW	dBc
Article 2-1 Item 19-3	20MHz system	$F_c \pm 20\text{MHz}$	$\pm 10\text{MHz}$	≥ -25
		$F_c \pm 40\text{MHz}$	$\pm 10\text{MHz}$	≥ -40
	40MHz system	$F_c \pm 40\text{MHz}$	$\pm 20\text{MHz}$	≥ -25
		$F_c \pm 80\text{MHz}$	$\pm 20\text{MHz}$	≥ -40
	80MHz system	$F_c \pm 80\text{MHz}$	$\pm 40\text{MHz}$	≥ -25

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

- The antenna port of the EUT was connected to the input of a spectrum analyzer. And analyzer was set as below:
 - Set frequency to test frequency
 - Set the RBW to 300 KHz
 - Set the VBW $\geq$ RBW
 - Set the span enough to cover the whole envelope
 - Set the Detector = peak
 - Set the Sweep time = auto couple
 - Set the Trace mode = max hold
 - Allow trace to fully stabilize
- Use the adjacent channel power function to determine the emissions.

TEST RESULTS

PASS

Please refer to the following tables.

Test Date: April 03, 2026				Test Result: PASS			
Brand	Frequency (MHz)	Test Voltage	fc ±20MHz (dBc)	Limit (dBc)	fc ±40MHz (dBc)	Limit (dBc)	Test Result
IEEE 802.11a Mode							
W52	5180	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5200	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5240	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
W53	5260	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5300	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5320	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---

Test Date: April 03, 2026				Test Result: PASS			
Brand	Frequency (MHz)	Test Voltage	fc ±20MHz (dBc)	Limit (dBc)	fc ±40MHz (dBc)	Limit (dBc)	Test Result
IEEE 802.11a Mode							
W56	5500	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5600	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5720	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
IEEE 802.11n(HT20) Mode							
W52	5180	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5200	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5240	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---

Test Date: April 03, 2026				Test Result: PASS			
Brand	Frequency (MHz)	Test Voltage	fc ±20MHz (dBc)	Limit (dBc)	fc ±40MHz (dBc)	Limit (dBc)	Test Result
IEEE 802.11n(HT20) Mode							
W53	5260	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5300	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5320	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
W56	5500	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5600	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5720	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---

Test Date: April 03, 2026				Test Result: PASS			
Brand	Frequency (MHz)	Test Voltage	fc ±20MHz (dBc)	Limit (dBc)	fc ±40MHz (dBc)	Limit (dBc)	Test Result
IEEE 802.11ac(VHT20) Mode							
W52	5180	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5200	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5240	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
W53	5260	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5300	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5320	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---

Test Date: April 03, 2026				Test Result: PASS			
Brand	Frequency (MHz)	Test Voltage	fc ±20MHz (dBc)	Limit (dBc)	fc ±40MHz (dBc)	Limit (dBc)	Test Result
IEEE 802.11ac(VHT20) Mode							
W56	5500	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5600	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5720	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---

Test Date: April 03, 2026				Test Result: PASS			
Brand	Frequency (MHz)	Test Voltage	fc ±40MHz (dBc)	Limit (dBc)	fc ±80MHz (dBc)	Limit (dBc)	Test Result
IEEE 802.11n(HT40) Mode							
W52	5190	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5230	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
W53	5270	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5310	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
W56	5510	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5630	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5710	NV	> -25	≥ -25	> -40	≥-40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---

Test Date: April 03, 2026				Test Result: PASS			
Brand	Frequency (MHz)	Test Voltage	fc ±40MHz (dBc)	Limit (dBc)	fc ±80MHz (dBc)	Limit (dBc)	Test Result
IEEE 802.11ac(VHT40) Mode							
W52	5190	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5230	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
W53	5270	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5310	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
W56	5510	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5630	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---
	5710	NV	> -25	≥ -25	> -40	≥ -40	Pass
		LV	---	---	---	---	---
		HV	---	---	---	---	---

Test Date: April 03, 2026			Test Result: PASS		
Brand	Frequency (MHz)	Test Voltage	fc ±80MHz (dBc)	Limit (dBc)	Test Result
IEEE 802.11ac(VHT80) Mode					
W52	5210	NV	> -25	≥-25	Pass
		LV	---	---	---
		HV	---	---	---
W53	5290	NV	> -25	≥-25	Pass
		LV	---	---	---
		HV	---	---	---
W56	5530	NV	> -25	≥-25	Pass
		LV	---	---	---
		HV	---	---	---
	5610	NV	> -25	≥-25	Pass
		LV	---	---	---
		HV	---	---	---
	5690	NV	> -25	≥-25	Pass
		LV	---	---	---
		HV	---	---	---

Band_W52

Test Plots - (Normal Voltage)

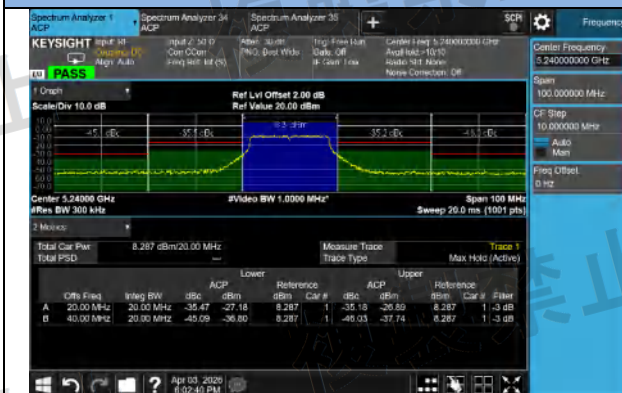
IEEE 802.11a / 5180 MHz



IEEE 802.11a / 5200 MHz



IEEE 802.11a / 5240 MHz



IEEE 802.11n(HT20) / 5180 MHz



IEEE 802.11n(HT20) / 5200 MHz



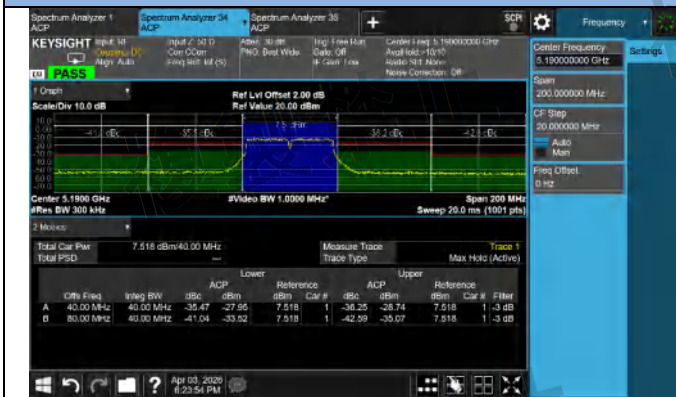
IEEE 802.11n(HT20) / 5240 MHz



Band_W52

Test Plots - (Normal Voltage)

IEEE 802.11n(HT40) / 5190 MHz



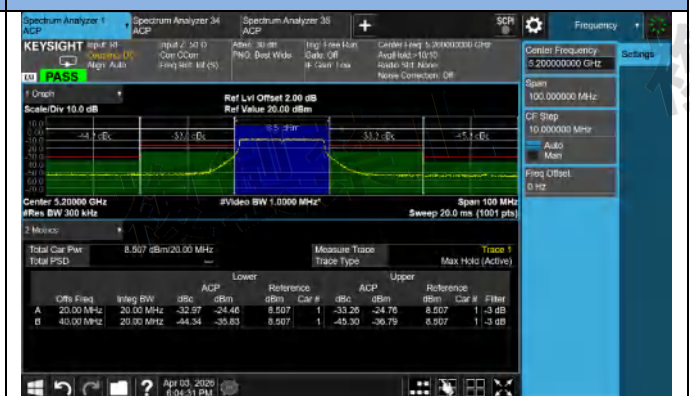
IEEE 802.11n(HT40) / 5230 MHz



IEEE 802.11ac(VHT20) / 5180 MHz



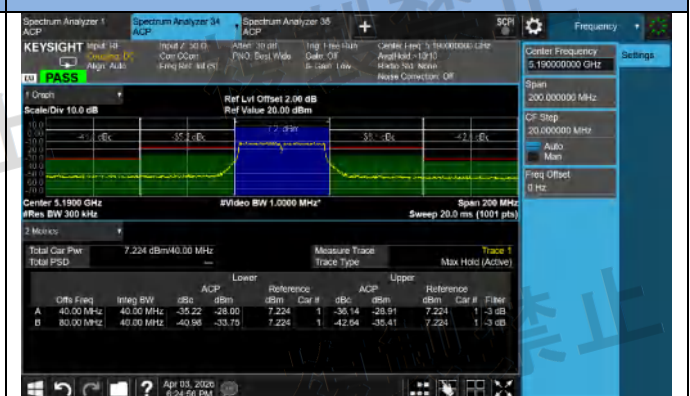
IEEE 802.11ac(VHT20) / 5200 MHz



IEEE 802.11ac(VHT20) / 5240 MHz



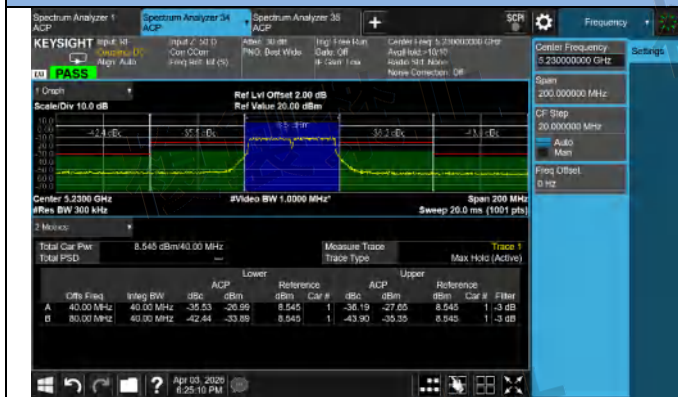
IEEE 802.11ac(VHT40) / 5190 MHz



Band_W52

Test Plots - (Normal Voltage)

IEEE 802.11ac(VHT40) / 5230 MHz



IEEE 802.11ac(VHT80) / 5210 MHz



Band_W53

Test Plots - (Normal Voltage)

IEEE 802.11a / 5260 MHz



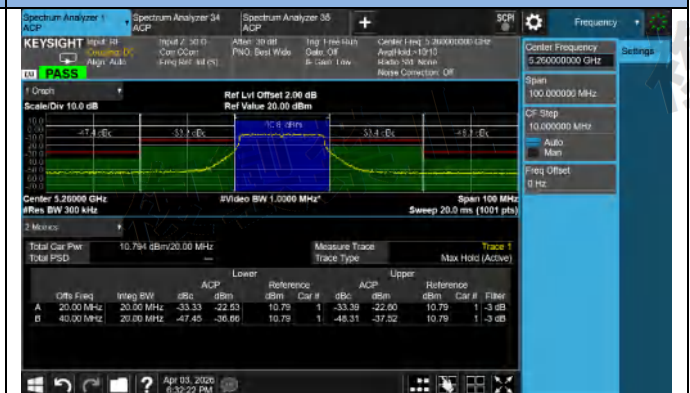
IEEE 802.11a / 5300 MHz



IEEE 802.11a / 5320 MHz



IEEE 802.11n(HT20) / 5260 MHz



IEEE 802.11n(HT20) / 5300 MHz



IEEE 802.11n(HT20) / 5320 MHz



Band_W53

Test Plots - (Normal Voltage)

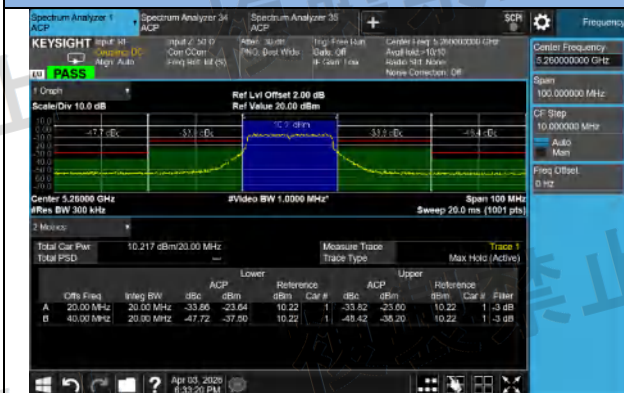
IEEE 802.11n(HT40) / 5270 MHz



IEEE 802.11n(HT40) / 5310 MHz



IEEE 802.11ac(VHT20) / 5260 MHz



IEEE 802.11ac(VHT20) / 5300 MHz



IEEE 802.11ac(VHT20) / 5320 MHz



IEEE 802.11ac(VHT40) / 5270 MHz

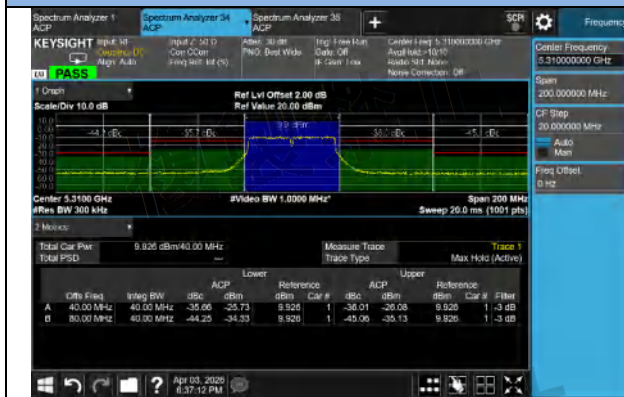


Band_W53

Test Plots - (Normal Voltage)

IEEE 802.11ac(VHT40) / 5310 MHz

IEEE 802.11ac(VHT80) / 5290 MHz



Band_W56

Test Plots - (Normal Voltage)

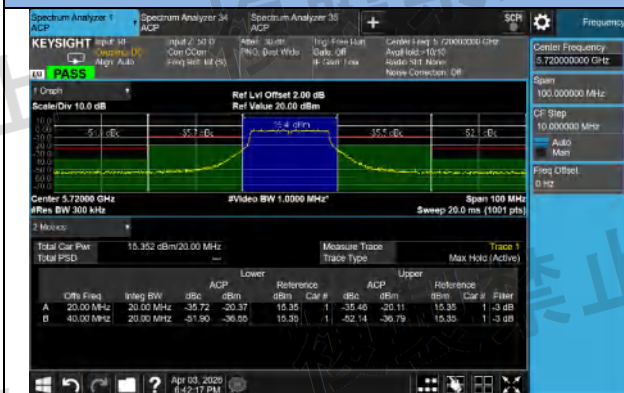
IEEE 802.11a / 5500 MHz



IEEE 802.11a / 5600 MHz



IEEE 802.11a / 5720 MHz



IEEE 802.11n(HT20) / 5500 MHz



IEEE 802.11n(HT20) / 5600 MHz



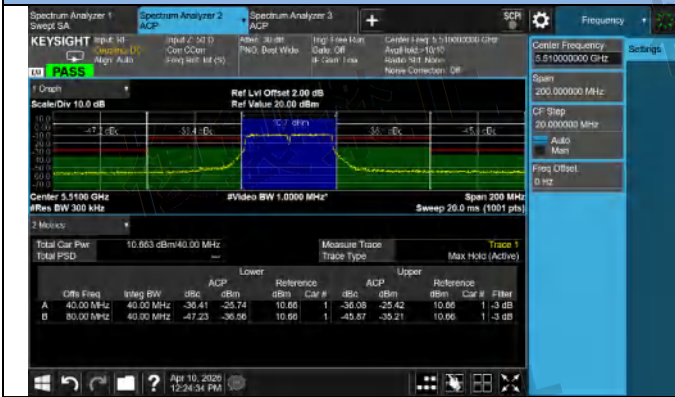
IEEE 802.11n(HT20) / 5720 MHz



Band_W56

Test Plots - (Normal Voltage)

IEEE 802.11n(HT40) / 5510 MHz



IEEE 802.11n(HT40) / 5630 MHz



IEEE 802.11n(HT40) / 5710 MHz



IEEE 802.11ac(VHT20) / 5500 MHz



IEEE 802.11ac(VHT20) / 5600 MHz



IEEE 802.11ac(VHT20) / 5720 MHz



Band_W56

Test Plots - (Normal Voltage)

IEEE 802.11ac(VHT40) / 5510 MHz



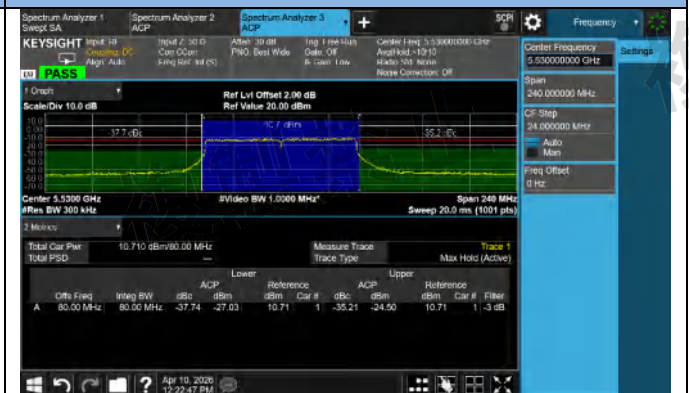
IEEE 802.11ac(VHT40) / 5630 MHz



IEEE 802.11ac(VHT40) / 5710 MHz



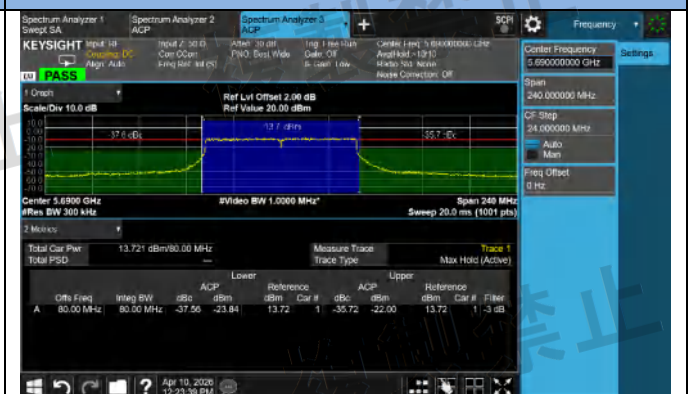
IEEE 802.11ac(VHT80) / 5530 MHz



IEEE 802.11ac(VHT80) / 5610 MHz



IEEE 802.11ac(VHT80) / 5690 MHz



12.9 Transmission Burst Length Measurement

Limit

Standard	Limit
Article 2-1 of Item 19-3	$\leq 8\text{ms}$

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

1. The antenna port of the EUT was connected to the input of a spectrum analyzer. And analyzer was set as below:
 - a. Set frequency to test frequency
 - b. Set the SPAN to zero
 - c. Set the RBW to 1 MHz
 - d. Set the VBW $\geq$ RBW
 - e. Set the Detector = peak
 - f. Set the Sweep time = less than or equal to 10ms
 - g. Set the Trace mode = max hold
 - h. Set the Trigger condition = single
2. Use the peak marker function to determine the burst length.

TEST RESULTS

PASS

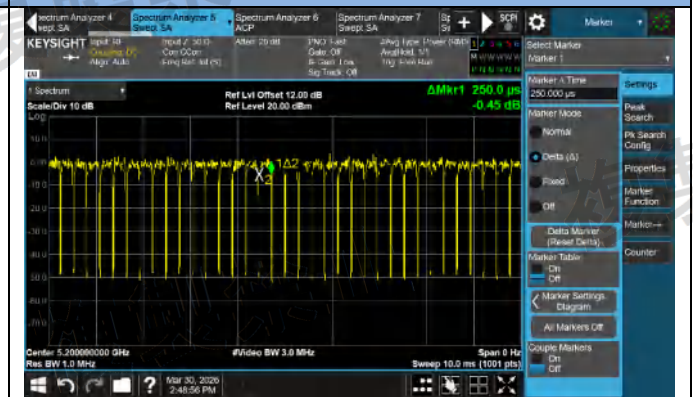
Please refer to following table and plots.

Test Date: April 07, 2026			Test Result: PASS	
Band	Frequency (MHz)	Burst length (ms)	Limit (ms)	Test Result
IEEE 802.11a / Normal Voltage				
W52	5180	2.80	≤ 8	Pass
	5200	2.50	≤ 8	Pass
	5240	2.90	≤ 8	Pass
W53	5260	2.80	≤ 8	Pass
	5300	2.80	≤ 8	Pass
	5320	2.80	≤ 8	Pass
W56	5500	2.80	≤ 8	Pass
	5600	2.80	≤ 8	Pass
	5720	2.80	≤ 8	Pass
IEEE 802.11n(HT20) / Normal Voltage				
W52	5180	2.30	≤ 8	Pass
	5200	2.40	≤ 8	Pass
	5240	2.50	≤ 8	Pass
W53	5260	2.50	≤ 8	Pass
	5300	2.60	≤ 8	Pass
	5320	2.60	≤ 8	Pass
W56	5500	2.40	≤ 8	Pass
	5600	2.40	≤ 8	Pass
	5720	2.40	≤ 8	Pass
IEEE 802.11ac(VHT20) / Normal Voltage				
W52	5180	2.20	≤ 8	Pass
	5200	2.30	≤ 8	Pass
	5240	2.10	≤ 8	Pass
W53	5260	2.10	≤ 8	Pass
	5300	2.20	≤ 8	Pass
	5320	2.30	≤ 8	Pass
W56	5500	2.20	≤ 8	Pass
	5600	2.20	≤ 8	Pass
	5720	2.20	≤ 8	Pass

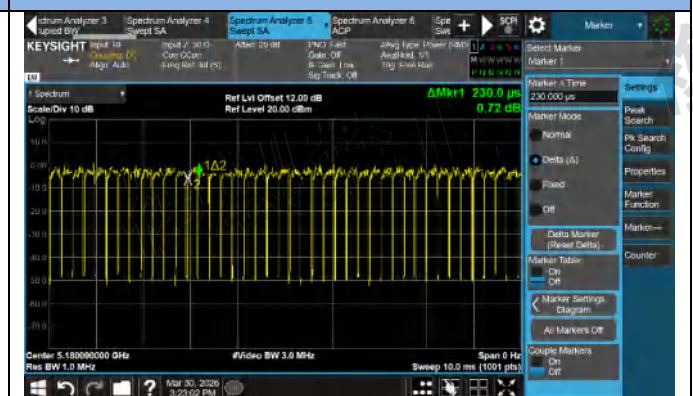
Test Date: April 07, 2026			Test Result: PASS	
Band	Frequency (MHz)	Burst length (ms)	Limit (ms)	Test Result
IEEE 802.11n(HT40) / Normal Voltage				
W52	5190	1.50	≤ 8	Pass
	5230	1.60	≤ 8	Pass
W53	5270	1.50	≤ 8	Pass
	5310	1.50	≤ 8	Pass
W56	5510	1.60	≤ 8	Pass
	5630	1.60	≤ 8	Pass
	5710	1.60	≤ 8	Pass
IEEE 802.11ac(VHT40) / Normal Voltage				
W52	5190	1.30	≤ 8	Pass
	5230	1.30	≤ 8	Pass
W53	5270	1.30	≤ 8	Pass
	5310	1.40	≤ 8	Pass
W56	5510	1.40	≤ 8	Pass
	5630	1.40	≤ 8	Pass
	5710	1.40	≤ 8	Pass
IEEE 802.11ac(VHT80) / Normal Voltage				
W52	5210	1.00	≤ 8	Pass
W53	5290	1.00	≤ 8	Pass
W56	5530	1.00	≤ 8	Pass
	5610	1.10	≤ 8	Pass
	5690	1.10	≤ 8	Pass

Test Plots - (Normal Voltage)

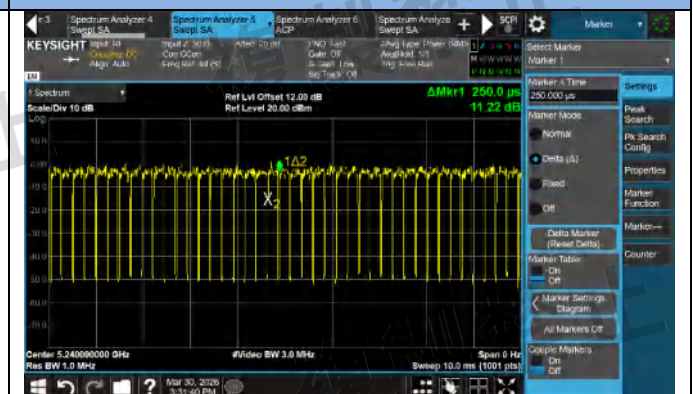
IEEE 802.11a / 5200 MHz



IEEE 802.11n(HT20) / 5180 MHz



IEEE 802.11n(HT20) / 5240 MHz



Band_W52

Test Plots - (Normal Voltage)

IEEE 802.11n(HT40) / 5190 MHz



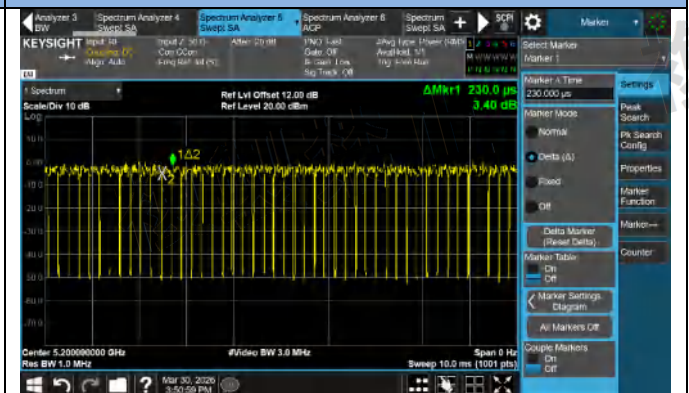
IEEE 802.11n(HT40) / 5230 MHz



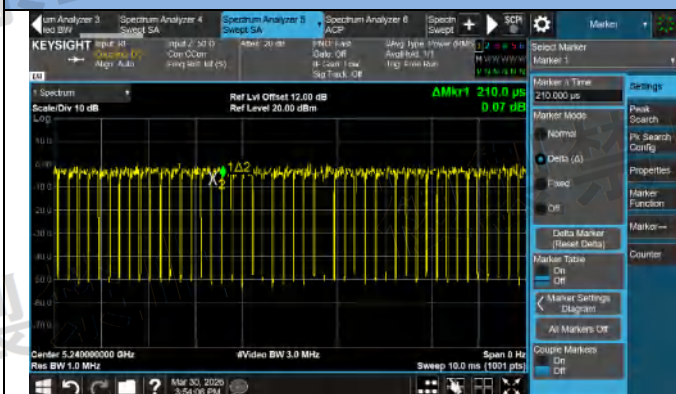
IEEE 802.11ac(VHT20) / 5180 MHz



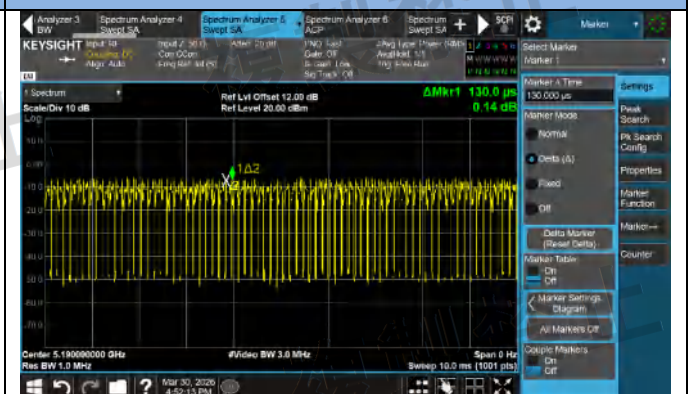
IEEE 802.11ac(VHT20) / 5200 MHz



IEEE 802.11ac(VHT20) / 5240 MHz



IEEE 802.11ac(VHT40) / 5190 MHz

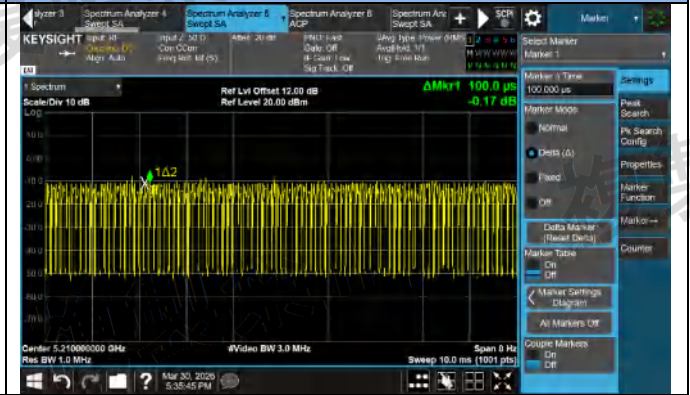


Band_W52

Test Plots - (Normal Voltage)

IEEE 802.11ac(VHT40) / 5230 MHz

IEEE 802.11ac(VHT80) / 5210 MHz



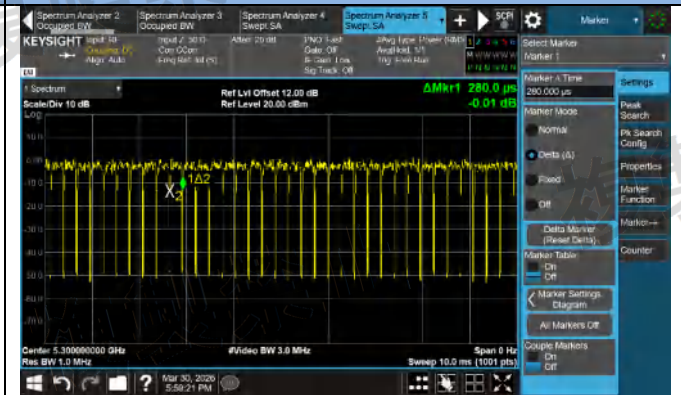
Band_W53

Test Plots - (Normal Voltage)

IEEE 802.11a / 5260 MHz



IEEE 802.11a / 5300 MHz



IEEE 802.11a / 5320 MHz



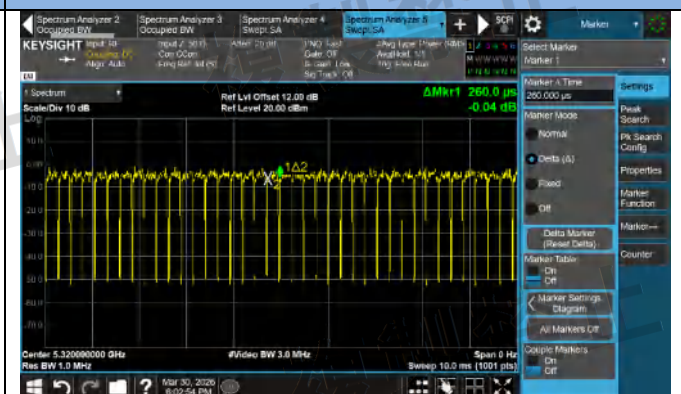
IEEE 802.11n(HT20) / 5260 MHz



IEEE 802.11n(HT20) / 5300 MHz



IEEE 802.11n(HT20) / 5320 MHz



Band_W53

Test Plots - (Normal Voltage)

IEEE 802.11n(HT40) / 5270 MHz



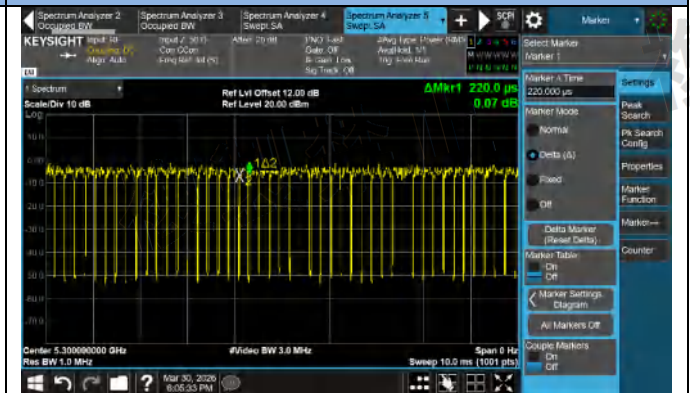
IEEE 802.11n(HT40) / 5310 MHz



IEEE 802.11ac(VHT20) / 5260 MHz



IEEE 802.11ac(VHT20) / 5300 MHz



IEEE 802.11ac(VHT20) / 5320 MHz



IEEE 802.11ac(VHT40) / 5270 MHz

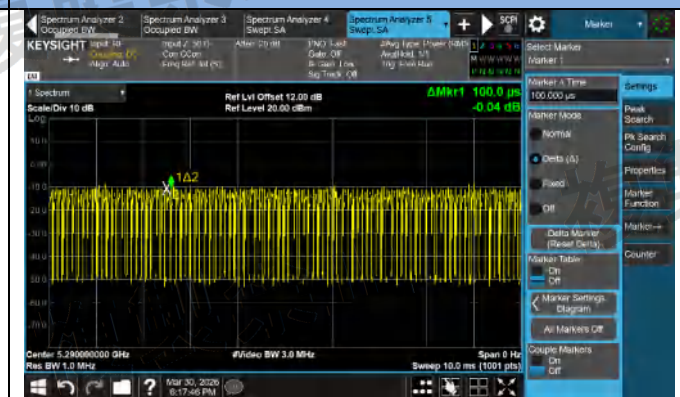


Band_W53

Test Plots - (Normal Voltage)

IEEE 802.11ac(VHT40) / 5310 MHz

IEEE 802.11ac(VHT80) / 5290 MHz



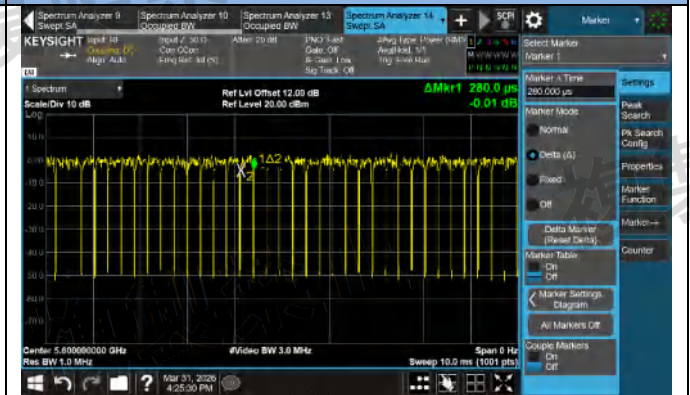
Band_W56

Test Plots - (Normal Voltage)

IEEE 802.11a / 5500 MHz



IEEE 802.11a / 5600 MHz



IEEE 802.11a / 5720 MHz



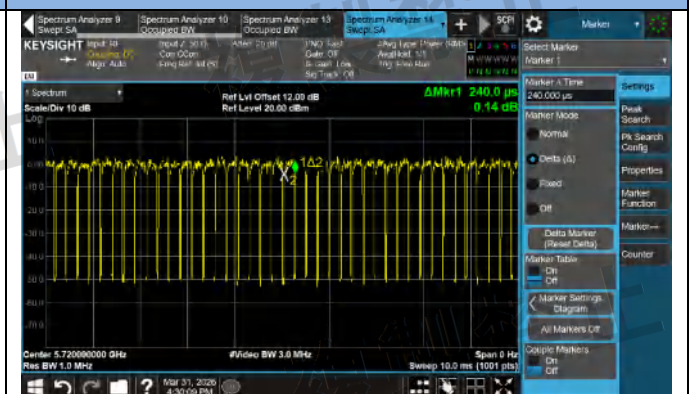
IEEE 802.11n(HT20) / 5500 MHz



IEEE 802.11n(HT20) / 5600 MHz



IEEE 802.11n(HT20) / 5720 MHz



Band_W56

Test Plots - (Normal Voltage)

IEEE 802.11n(HT40) / 5510 MHz



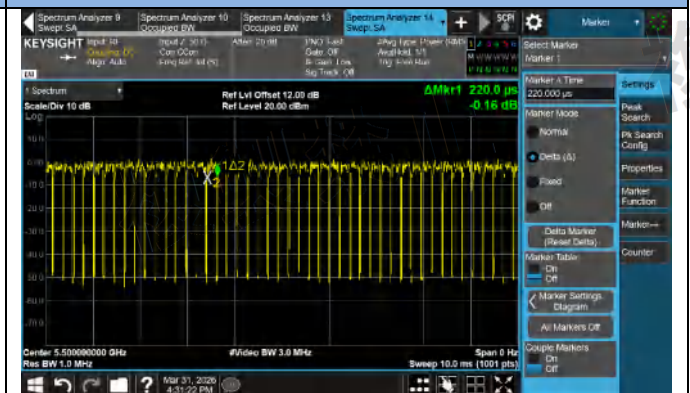
IEEE 802.11n(HT40) / 5630 MHz



IEEE 802.11n(HT40) / 5710 MHz



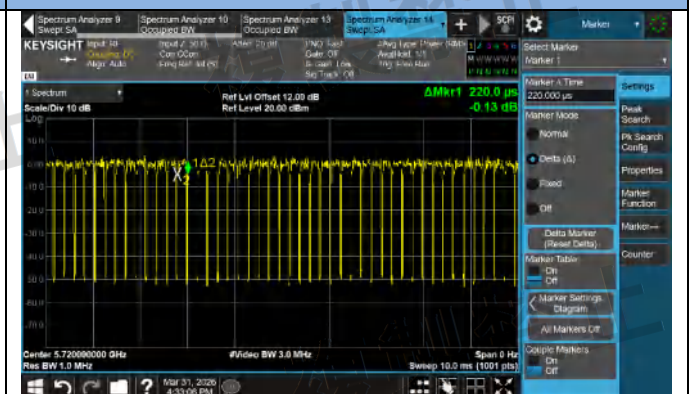
IEEE 802.11ac(VHT20) / 5500 MHz



IEEE 802.11ac(VHT20) / 5600 MHz



IEEE 802.11ac(VHT20) / 5720 MHz



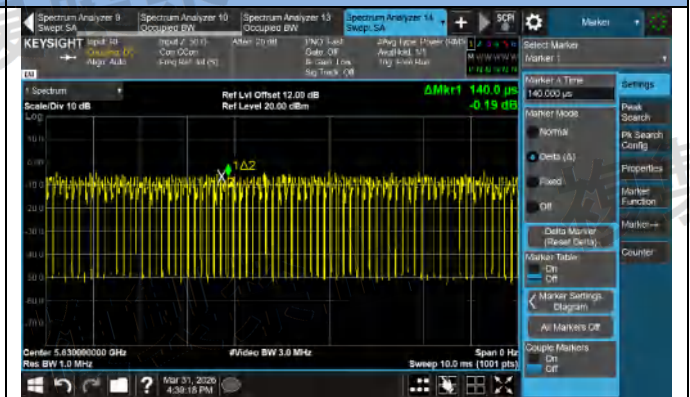
Band_W56

Test Plots - (Normal Voltage)

IEEE 802.11ac(VHT40) / 5510 MHz



IEEE 802.11ac(VHT40) / 5630 MHz



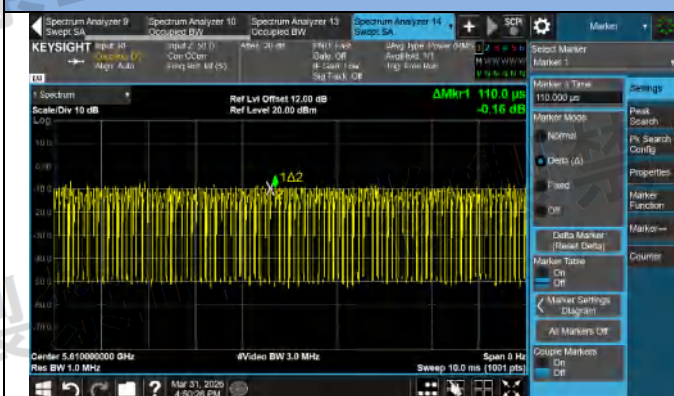
IEEE 802.11ac(VHT40) / 5710 MHz



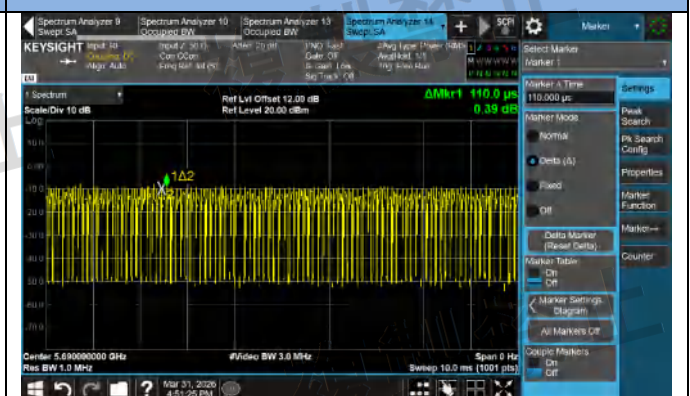
IEEE 802.11ac(VHT80) / 5530 MHz



IEEE 802.11ac(VHT80) / 5610 MHz



IEEE 802.11ac(VHT80) / 5690 MHz

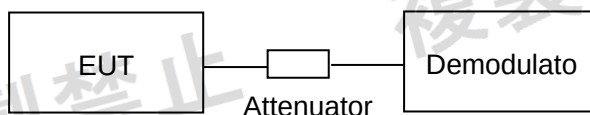


12.10 Interface Prevention Function Measurement

LIMIT

Standard	Item	Limit
Article 2-1 of Item 19-3	Identification code	≥48 bits

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

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

TEST RESULTS

PASS

Please refer to the following table.

Test Date: April 07, 2026

MAC Address	Result
0E:21:31:D6:AC:AD	Pass

The screenshot displays the 'WLAN Signaling - V3.5.132 - Base V 3.5.137' interface. It is divided into several sections:

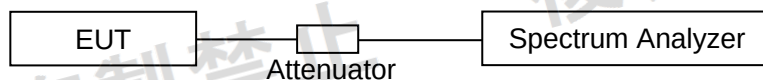
- Connection Status:** Shows 'Cell' with a signal icon, 'Connection Status' as 'Authenticated', and 'RX Power Indicator' as '-51dBm'.
- Event Log:** A list of events including authentication and deauthentication for MAC address 0E2131D6ACAD at various times (02:10:27, 02:10:23, 02:10:20, 02:10:17, 02:10:15, 02:10:08).
- DUT / UE Capabilities:** Lists 'MAC Address' (0E2131D6ACAD), 'MAC Version' (0), 'RX Burst Power' (1dBm), 'UE IP Address V4' (100.100.100.10), and 'UE IPv6 Prefix[0]' (---).
- Common Settings:** Includes 'Operating Channel Width' (20MHz), 'Center Frequency / Channel' (5180.000 MHz), 'TX Burst Power' (-40.0 dBm), 'RX Expected PEP' (0.0 dBm), and 'Approximate RX Burst Power' (-13.0 dBm).
- Configuration:** Shows 'Operation Mode' (AP), 'Standard' (IEEE 802.11a), 'Security' (Disabled), 'SSID' (CMW-AP), and 'Beacon Interval (TU)' (100).
- Packet Generator / Data Frame Control:** Includes 'State' (Off), 'Protocol' (ICMP), 'Interval (TU)' (100), 'Payload Size (Byte)' (500), and 'Payload Type' (Default).
- WLAN Signaling:** A toggle switch is shown in the 'ON' position.

12.11 Number of Carriers Measurement

LIMIT

Standard	Limit
Article 2-1 of Item 19-3	≥ 1

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

Same as the procedures described in occupied bandwidth 99% test.

TEST RESULTS

PASS

Please refer to the following tables.

Test Date: April 07, 2026

Band	Frequency (MHz)	Limit (ms)	Test Result
IEEE 802.11a / Normal Voltage			
W52	5180	≥1	Pass
	5200	≥1	Pass
	5240	≥1	Pass
W53	5260	≥1	Pass
	5300	≥1	Pass
	5320	≥1	Pass
W56	5500	≥1	Pass
	5600	≥1	Pass
	5720	≥1	Pass
IEEE 802.11n(HT20) / Normal Voltage			
W52	5180	≥1	Pass
	5200	≥1	Pass
	5240	≥1	Pass
W53	5260	≥1	Pass
	5300	≥1	Pass
	5320	≥1	Pass
W56	5500	≥1	Pass
	5600	≥1	Pass
	5720	≥1	Pass
IEEE 802.11ac(VHT20) / Normal Voltage			
W52	5180	≥1	Pass
	5200	≥1	Pass
	5240	≥1	Pass
W53	5260	≥1	Pass
	5300	≥1	Pass
	5320	≥1	Pass
W56	5500	≥1	Pass
	5600	≥1	Pass
	5720	≥1	Pass

Test Date: April 07, 2026

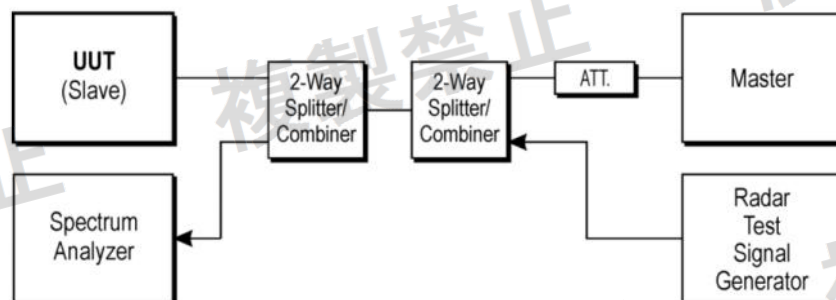
Band	Frequency (MHz)	Limit (ms)	Test Result
IEEE 802.11n(HT40) / Normal Voltage			
W52	5190	≥ 1	Pass
	5230	≥ 1	Pass
W53	5270	≥ 1	Pass
	5310	≥ 1	Pass
W56	5510	≥ 1	Pass
	5630	≥ 1	Pass
	5710	≥ 1	Pass
IEEE 802.11ac(VHT40) / Normal Voltage			
W52	5190	≥ 1	Pass
	5230	≥ 1	Pass
W53	5270	≥ 1	Pass
	5310	≥ 1	Pass
W56	5510	≥ 1	Pass
	5630	≥ 1	Pass
	5710	≥ 1	Pass
IEEE 802.11ac(VHT80) / Normal Voltage			
W52	5210	≥ 1	Pass
W53	5290	≥ 1	Pass
W56	5530	≥ 1	Pass
	5610	≥ 1	Pass
	5690	≥ 1	Pass

12.12 Dynamic Frequency Selection (DFS) Measurement

LIMIT

Standard	Equipment Type	Limit
Article 2-1 of Item 19-3	Slave Station	Chooses the frequency which transmits automatically by the control from a "master station".
		Transmission and a stop of a radio wave are performed by the control from a "master station".

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

1. Set the EUT link with a master station by W53 and W56 bands
2. Set a signal generator at same frequency channel with a specified interference signal level output to act as interference signal.
3. Monitor the signal transmission between the EUT and master station, while the interference signal presents.

The EUT would stop transmitting once the master station stopped transmission, then record it pass, otherwise, the result is fail.

TEST RESULTS

PASS

Please refer to the following table.

Test: April 07, 2026

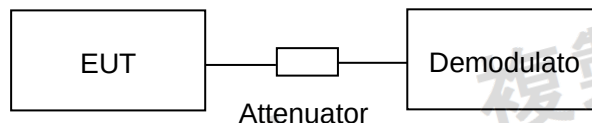
Equipment Type	Limit	Test Result
Slave Station	Chooses the frequency which transmits automatically by the control from a "master station".	☒ Yes ☐ No
	Transmission and a stop of a radio wave are performed by the control from a "master station".	☒ Yes ☐ No

12.13 Transmission Data Rate Measurement

LIMIT

Standard	Item	System	Limit
Article 2-1 of Item 19-3	Transmission Data Rate	20MHz	$\geq 20\text{Mbps}$
		40MHz	$\geq 40\text{Mbps}$
		80MHz	$\geq 80\text{Mbps}$
		160MHz	$\geq 160\text{Mbps}$

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

1. Set the EUT link with a demodulator by each transmission modes.
2. Run throughput tool on both the EUT and demodulator.
3. Monitor the transmission date on the demodulator to detect the transmission data.

TEST RESULTS

PASS

Please refer to the following tables.

Test Date: April 07, 2026		Test Result: PASS	
Band	Frequency (MHz)	Transmission Data (Mbps)	Limit (Mbps)
IEEE 802.11a / Normal Voltage			
W52	5180	> 20Mbps	≥ 20Mbps
	5200	> 20Mbps	≥ 20Mbps
	5240	> 20Mbps	≥ 20Mbps
W53	5260	> 20Mbps	≥ 20Mbps
	5300	> 20Mbps	≥ 20Mbps
	5320	> 20Mbps	≥ 20Mbps
W56	5500	> 20Mbps	≥ 20Mbps
	5600	> 20Mbps	≥ 20Mbps
	5720	> 20Mbps	≥ 20Mbps
IEEE 802.11n(HT20) / Normal Voltage			
W52	5180	> 20Mbps	≥ 20Mbps
	5200	> 20Mbps	≥ 20Mbps
	5240	> 20Mbps	≥ 20Mbps
W53	5260	> 20Mbps	≥ 20Mbps
	5300	> 20Mbps	≥ 20Mbps
	5320	> 20Mbps	≥ 20Mbps
W56	5500	> 20Mbps	≥ 20Mbps
	5600	> 20Mbps	≥ 20Mbps
	5720	> 20Mbps	≥ 20Mbps
IEEE 802.11ac(VHT20) / Normal Voltage			
W52	5180	> 20Mbps	≥ 20Mbps
	5200	> 20Mbps	≥ 20Mbps
	5240	> 20Mbps	≥ 20Mbps
W53	5260	> 20Mbps	≥ 20Mbps
	5300	> 20Mbps	≥ 20Mbps
	5320	> 20Mbps	≥ 20Mbps
W56	5500	> 20Mbps	≥ 20Mbps
	5600	> 20Mbps	≥ 20Mbps
	5720	> 20Mbps	≥ 20Mbps

Test Date: April 07, 2026		Test Result: PASS	
Band	Frequency (MHz)	Transmission Data (Mbps)	Transmission Data (Mbps)
IEEE 802.11n(HT40) / Normal Voltage			
W52	5190	> 40Mbps	≥ 40Mbps
	5230	> 40Mbps	≥ 40Mbps
W53	5270	> 40Mbps	≥ 40Mbps
	5310	> 40Mbps	≥ 40Mbps
W56	5510	> 40Mbps	≥ 40Mbps
	5630	> 40Mbps	≥ 40Mbps
	5710	> 40Mbps	≥ 40Mbps
IEEE 802.11ac(VHT40) / Normal Voltage			
W52	5190	> 40Mbps	≥ 40Mbps
	5230	> 40Mbps	≥ 40Mbps
W53	5270	> 40Mbps	≥ 40Mbps
	5310	> 40Mbps	≥ 40Mbps
W56	5510	> 40Mbps	≥ 40Mbps
	5630	> 40Mbps	≥ 40Mbps
	5710	> 40Mbps	≥ 40Mbps
IEEE 802.11ac(VHT80) / Normal Voltage			
W52	5210	> 80Mbps	≥ 80Mbps
W53	5290	> 80Mbps	≥ 80Mbps
W56	5530	> 80Mbps	≥ 80Mbps
	5610	> 80Mbps	≥ 80Mbps
	5690	> 80Mbps	≥ 80Mbps

13 Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Keysight	N9010B	MY62170254	Aug. 21, 2025	1 Year
2.	Signal Generator	Agilent	E4421B	MY41000708	Aug. 22, 2025	1 Year
3.	Signal Generator	Agilent	N5182A	MY47071034	Aug. 22, 2025	1 Year
4.	Spectrum Analyzer	Keysight	N9020A	MY54200831	Aug. 22, 2025	1 Year
5.	Power Sensor	DARE	RPR3006W	15I00041SNO 64	Aug. 28, 2025	1 Year
6.	Power Meter	Agilent	N1912A	MY41497159	Aug. 21, 2025	1 Year
7.	Power Sensor	Agilent	N1921A	MY48251036	Aug. 21, 2025	1 Year
8.	Communication Tester	Rohde & Schwarz	CMW500	109851	Aug. 28, 2025	1 Year
9.	DC Source	ZHAOXIN	KXN305D	N/A	Aug. 23, 2025	1 Year

Remark:

(a) Calibration conducted by the National Institute of Information and Communications Technology(NICT) in Japan (hereinafter referred to as "NICT") or a designated calibration agency under Article102-18paragraph (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 NICT or a designated calibration agency under Article 102-18 paragraph (1).

(d) Calibration, etc. conducted by using measuring instruments and other equipment listed in the right 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: Our lab selects method (c) for the calibration.

14 Photograph of Test Setup



--End--