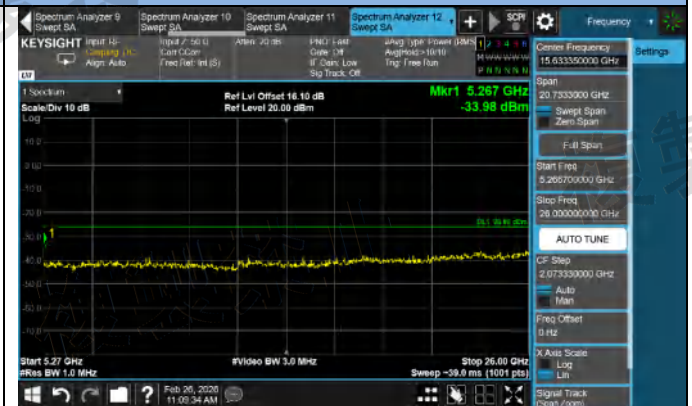
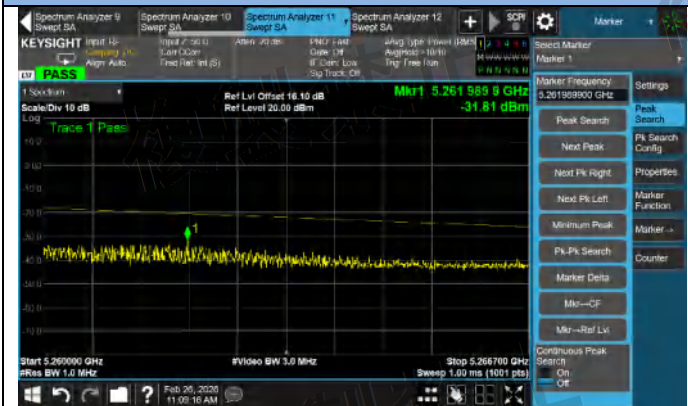


Test Plots - Normal Voltage

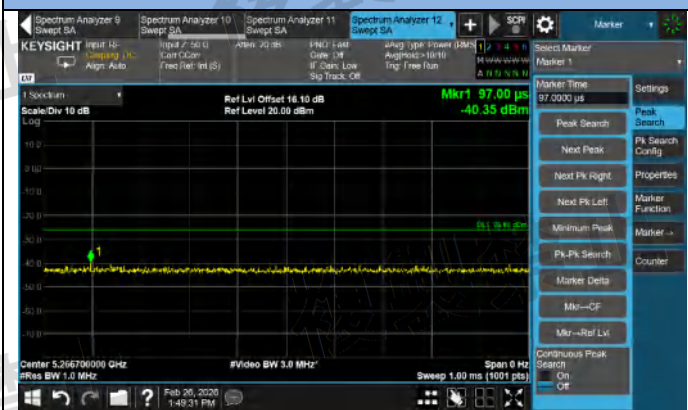
Brand_W52 IEEE 802.11ac(VHT20) / 5240 MHz

5260-5266.7MHz

5.266-26GHz Peak



5.266-26GHz AVG

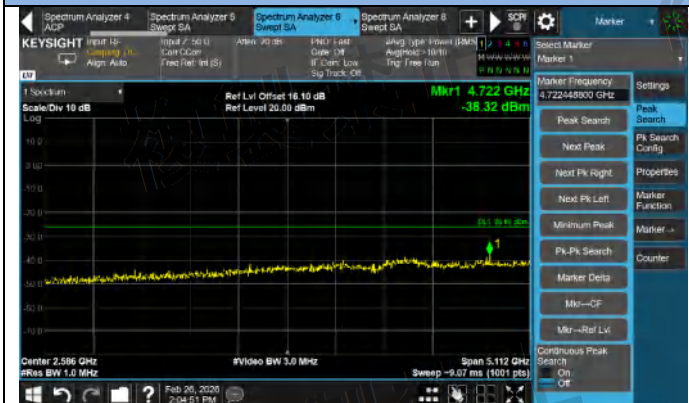


Test Plots - Normal Voltage

Brand_W52 IEEE 802.11n(HT40) / 5190 MHz

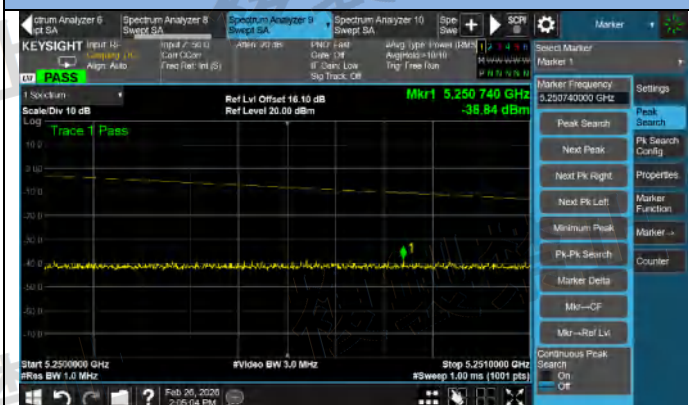
30-5141.6MHz

5141.6-5150MHz



5250-5251MHz

5251-5270MHz



5270-5278.4MHz

5.2784-26GHz



Test Plots - Normal Voltage

Brand_W52 IEEE 802.11n(HT40) / 5230 MHz

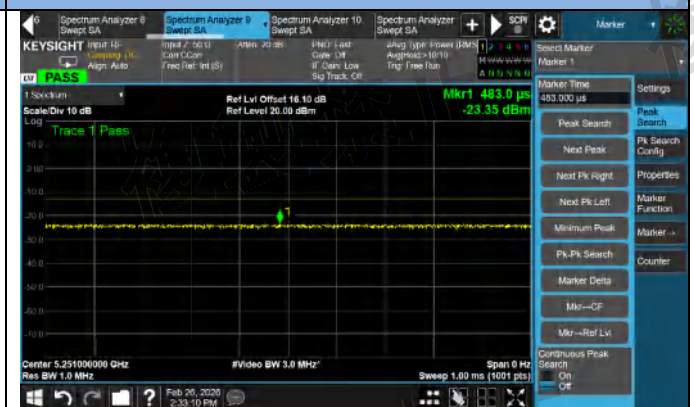
30-5141.6MHz

5141.6-5150MHz



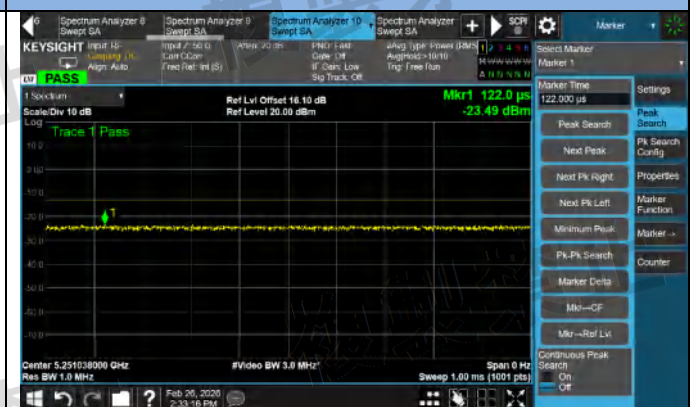
5250-5251MHz Peak

5250-5251MHz AVG



5251-5270MHz Peak

5251-5270MHz AVG

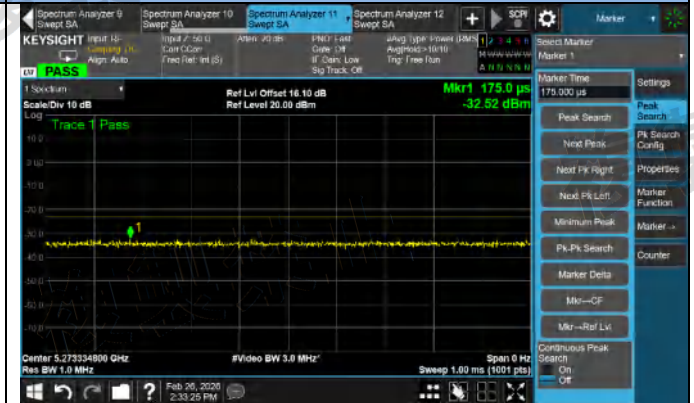
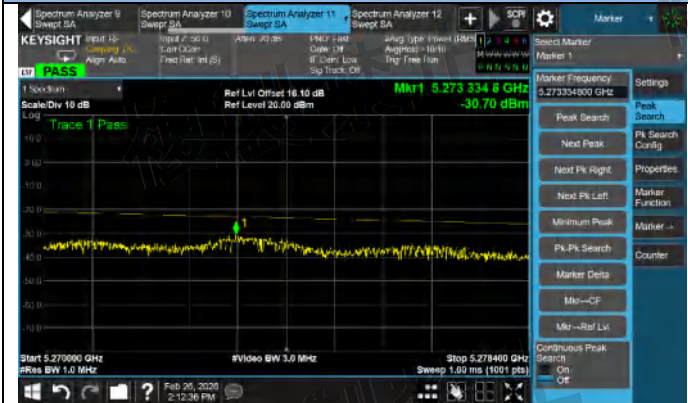


Test Plots - Normal Voltage

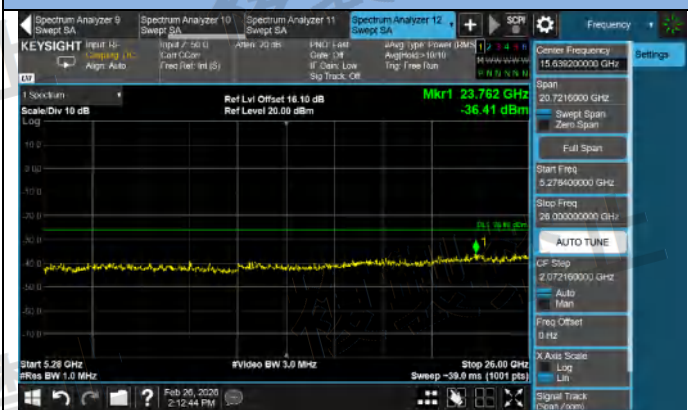
Brand_W52 IEEE 802.11n(HT40) / 5230 MHz

5270-5278.4MHz Peak

5270-5278.4MHz AVG



5.2784-26GHz



Test Plots - Normal Voltage

Brand_W52 IEEE 802.11ac(VHT40) / 5190 MHz

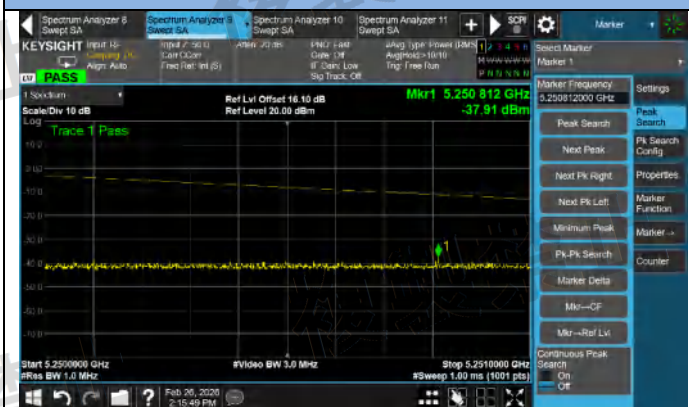
30-5141.6MHz

5141.6-5150MHz



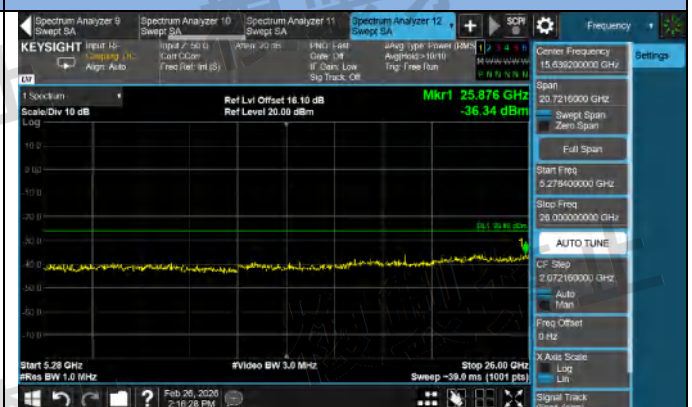
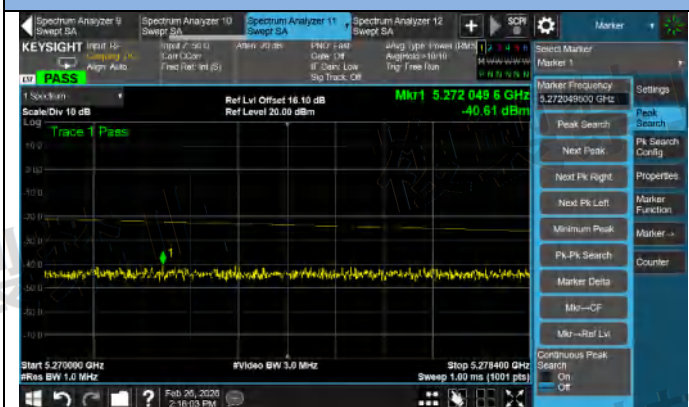
5250-5251MHz

5251-5270MHz



5270-5278.4MHz

5.2784-26GHz

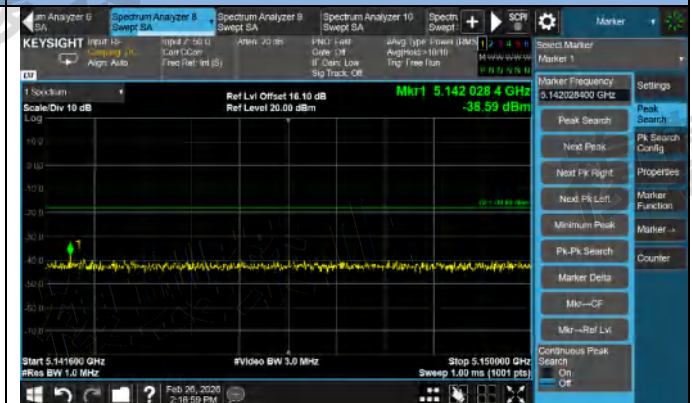
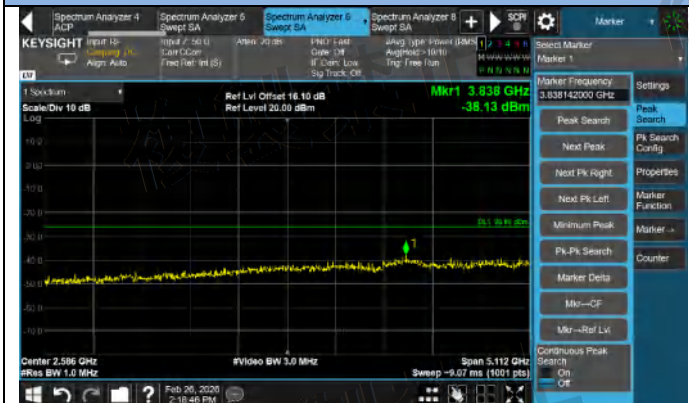


Test Plots - Normal Voltage

Brand_W52 IEEE 802.11ac(VHT40) / 5230 MHz

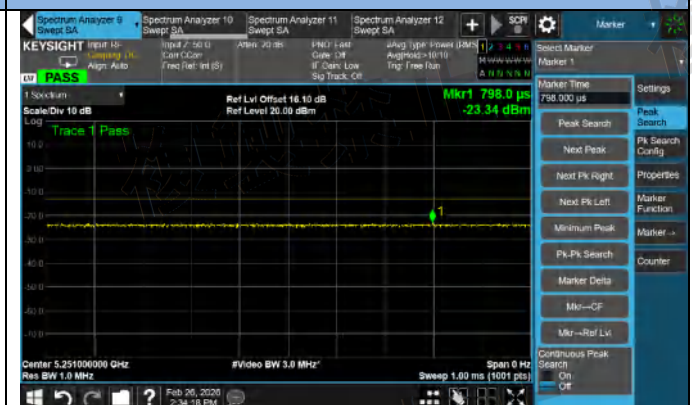
30-5141.6MHz

5141.6-5150MHz



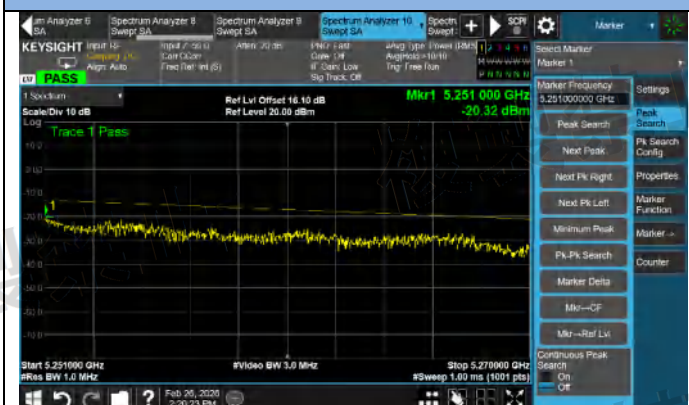
5250-5251MHz Peak

5250-5251MHz AVG



5251-5270MHz Peak

5251-5270MHz AVG

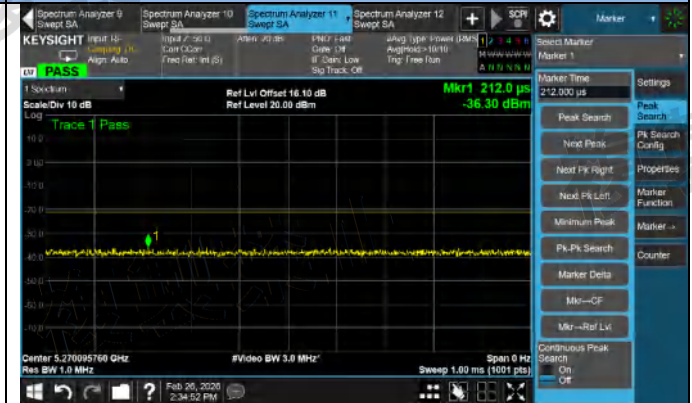
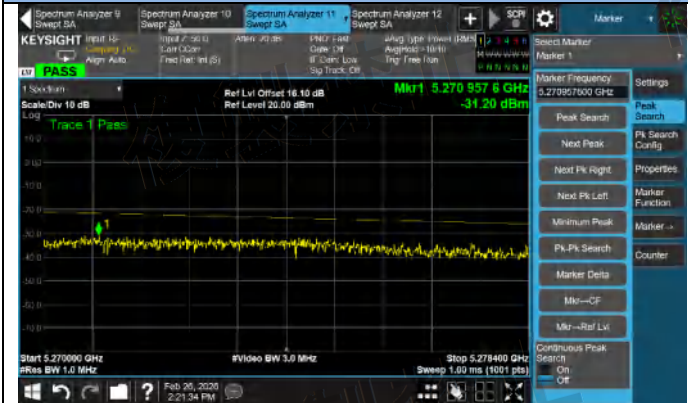


Test Plots - Normal Voltage

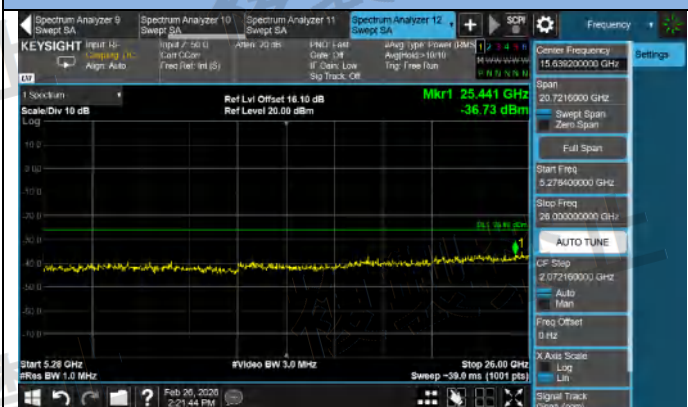
Brand_W52 IEEE 802.11ac(VHT40) / 5230 MHz

5270-5278.4MHz Peak

5270-5278.4MHz AVG



5.2784-26GHz

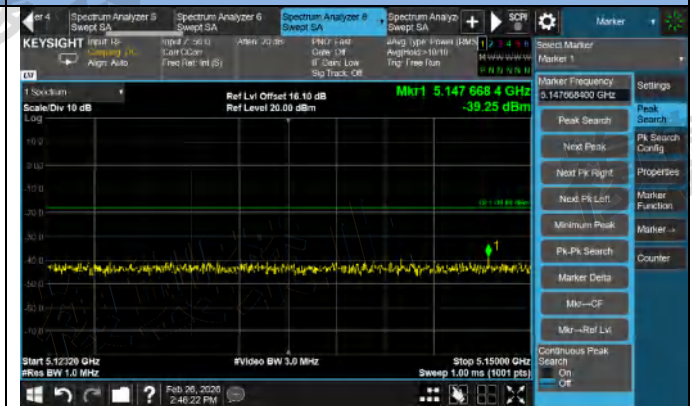


Test Plots - Normal Voltage

Brand_W52 IEEE 802.11ac(VHT80) / 5210 MHz

30-5123.2MHz

5123.2-5150MHz



5250-5251MHz Peak

5250-5251MHz AVG



5251-5290MHz Peak

5251-5290MHz AVG



Test Plots - Normal Voltage

Brand_W52 IEEE 802.11ac(VHT80) / 5210 MHz

5290-5296.7MHz

5.2967-26GHz



Test Plots - Normal Voltage

Brand_W53 IEEE 802.11a / 5260 MHz

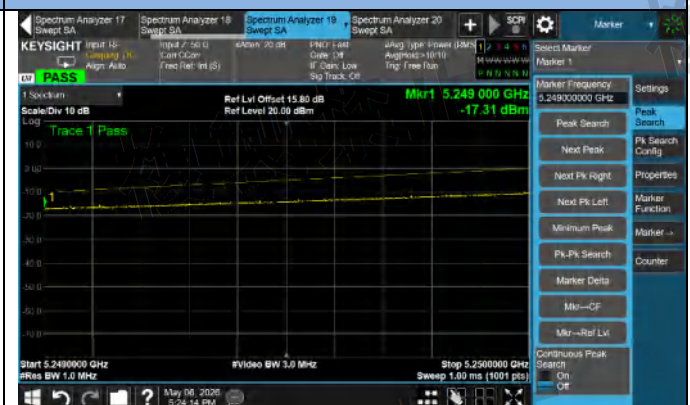
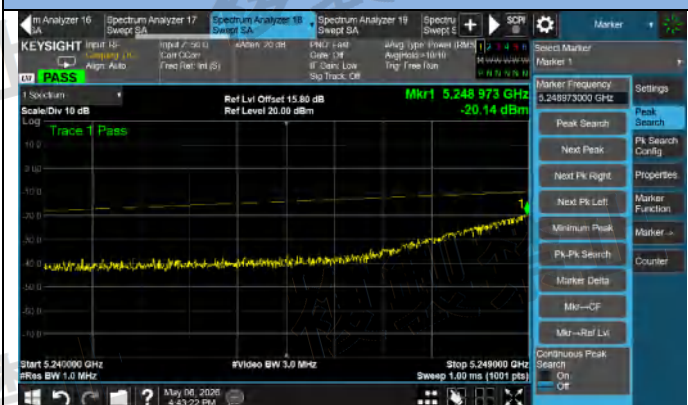
30-5233.3MHz

5233.3-5240MHz



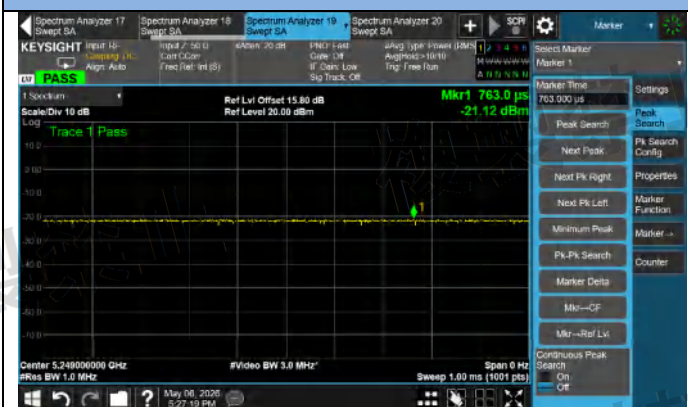
5240-5249MHz

5249-5250MHz Peak



5249-5250MHz AVG

5.350-26.5GHz

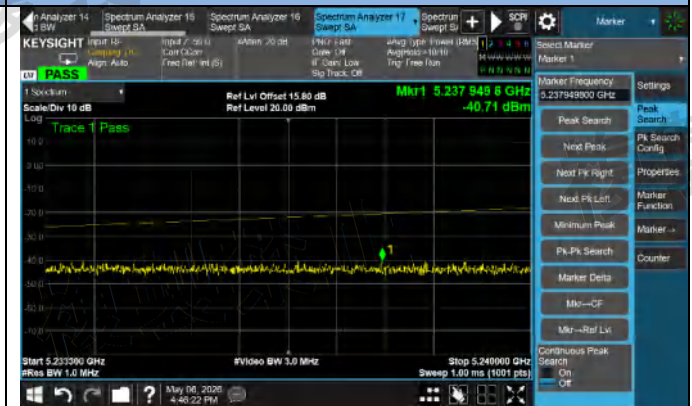


Test Plots - Normal Voltage

Brand_W53 IEEE 802.11a / 5300 MHz

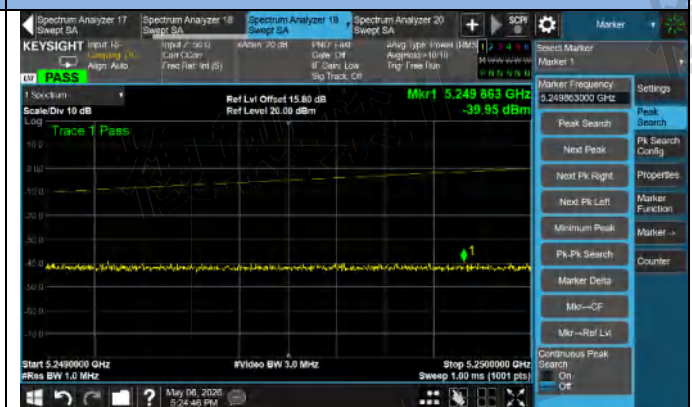
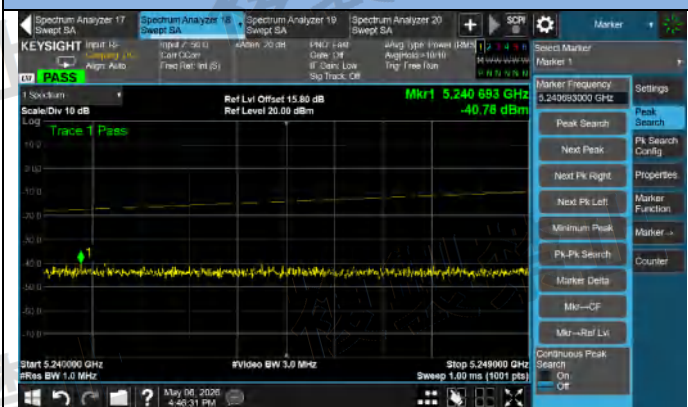
30-5233.3MHz

5233.3-5240MHz



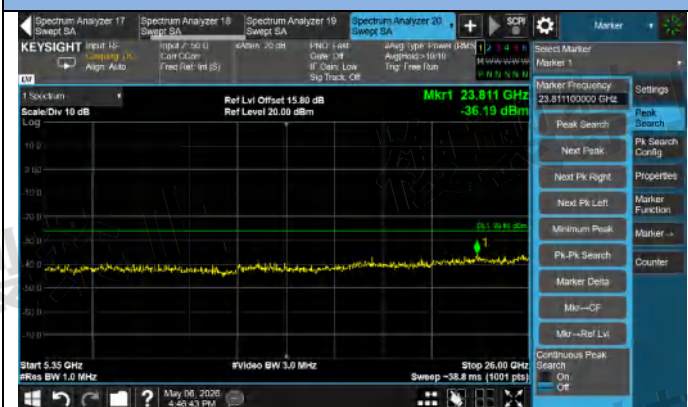
5240-5249MHz

5249-5250MHz



5.350-26.5GHz

Blank



Test Plots - Normal Voltage

Brand_W53 IEEE 802.11a / 5320 MHz

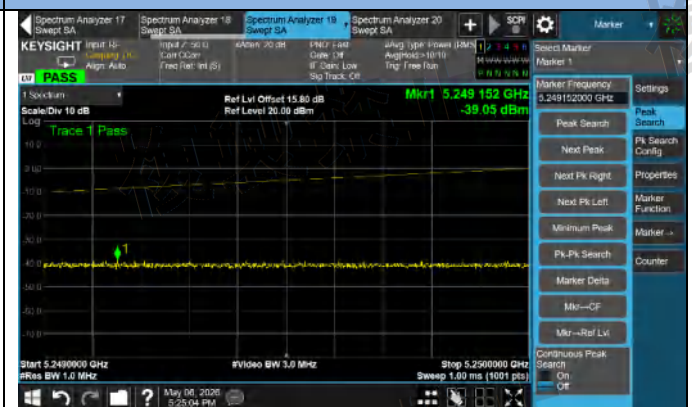
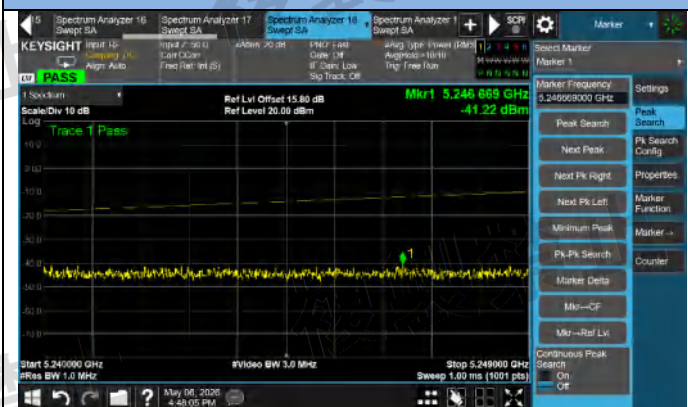
30-5233.3MHz

5233.3-5240MHz



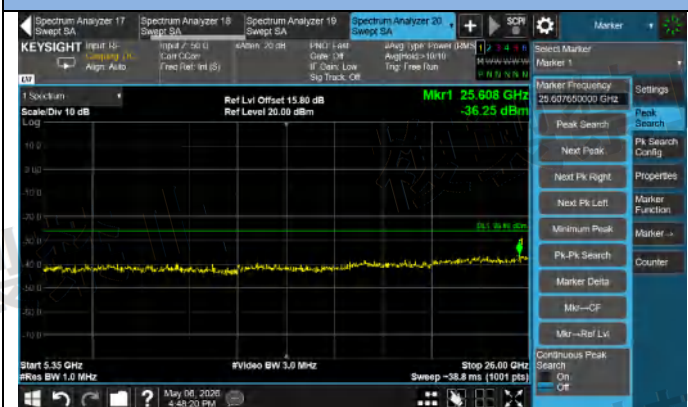
5240-5249MHz

5249-5250MHz



5.350-26.5GHz

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Test Plots - Normal Voltage

Brand_W53 IEEE 802.11n(HT20) / 5260 MHz

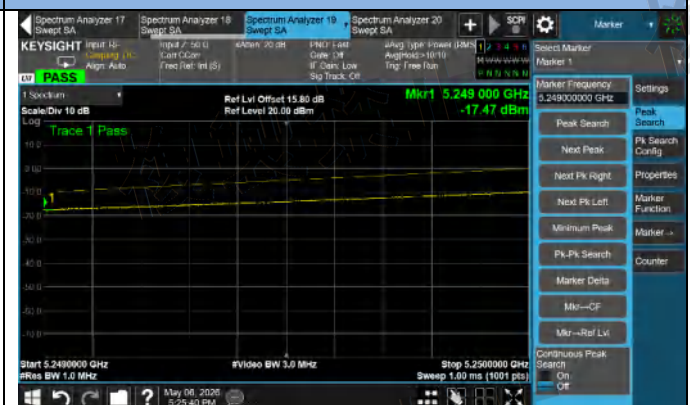
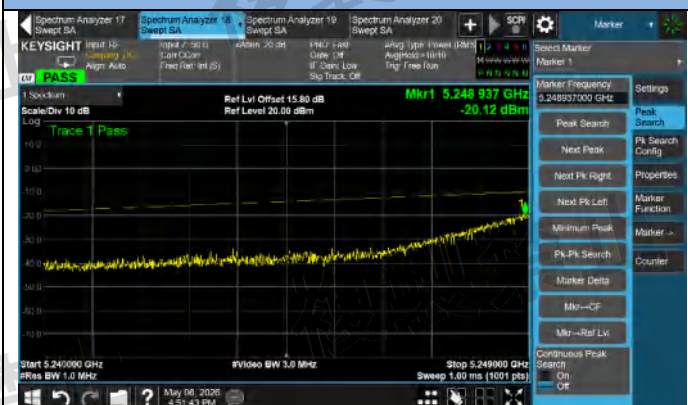
30-5233.3MHz

5233.3-5240MHz



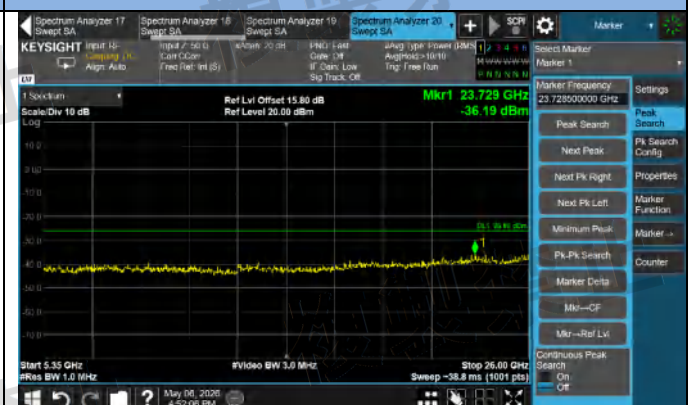
5240-5249MHz

5249-5250MHz Peak



5249-5250MHz AVG

5.350-26.5GHz

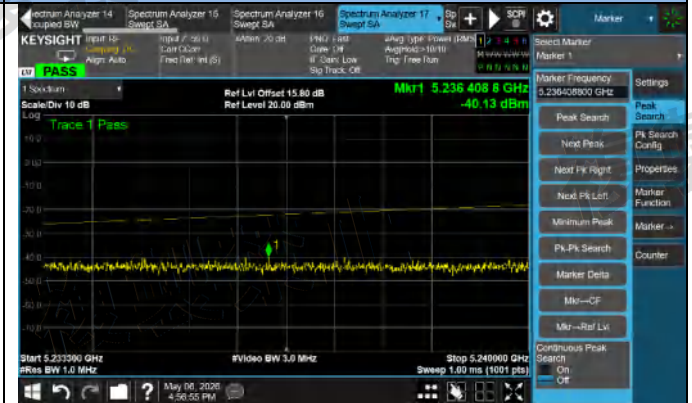
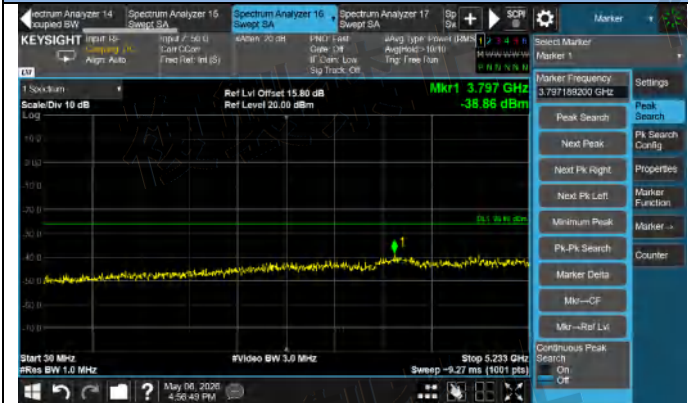


Test Plots - Normal Voltage

Brand_W53 IEEE 802.11n(HT20) / 5300 MHz

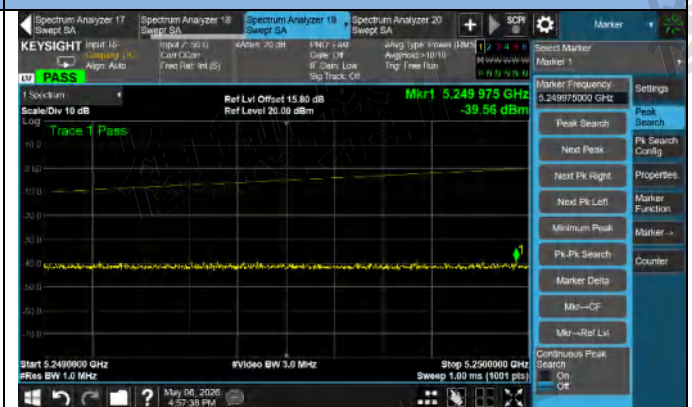
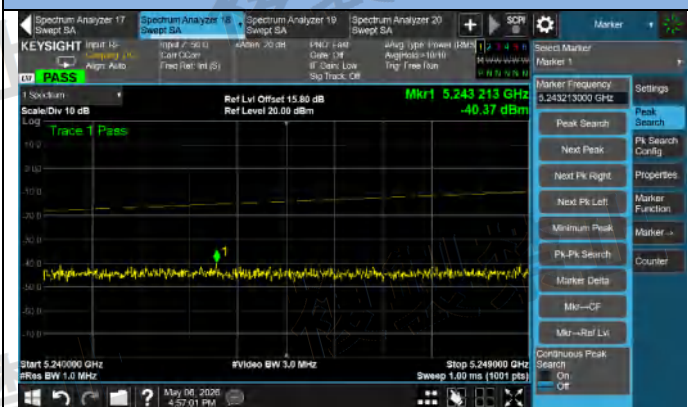
30-5233.3MHz

5233.3-5240MHz



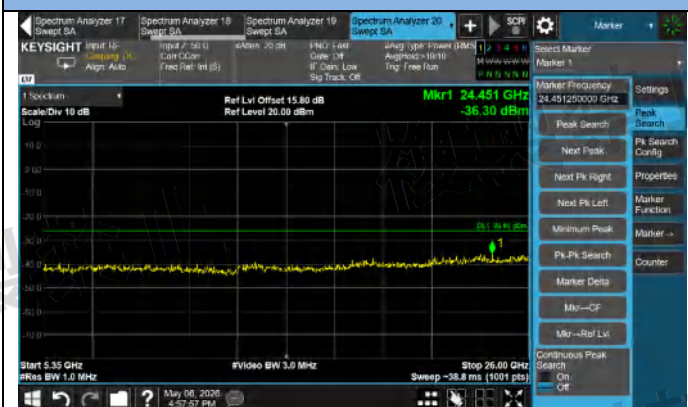
5240-5249MHz

5249-5250MHz



5.350-26.5GHz

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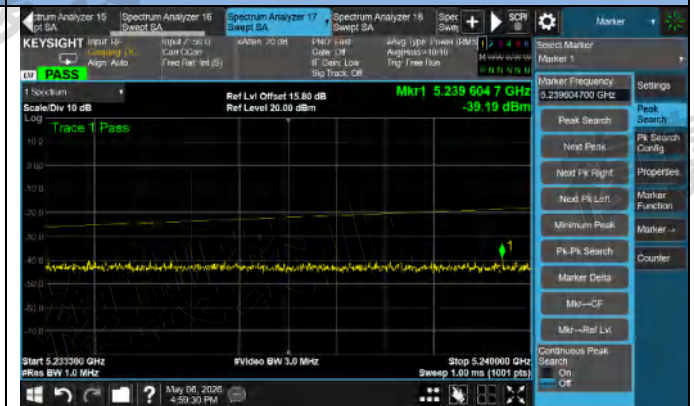


Test Plots - Normal Voltage

Brand_W53 IEEE 802.11n(HT20) / 5320 MHz

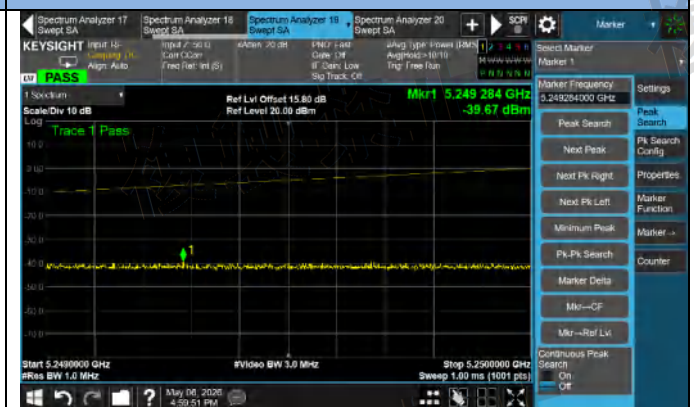
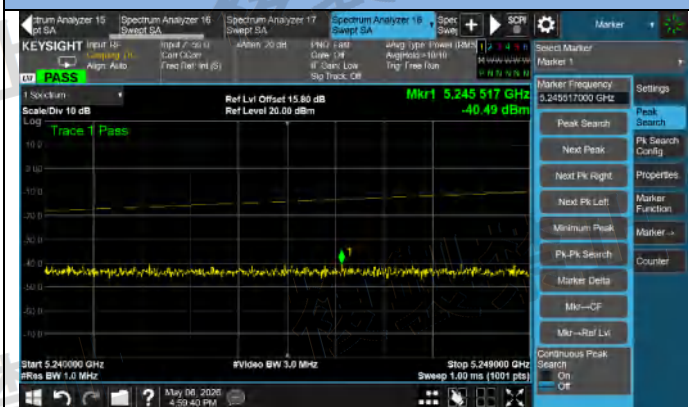
30-5233.3MHz

5233.3-5240MHz



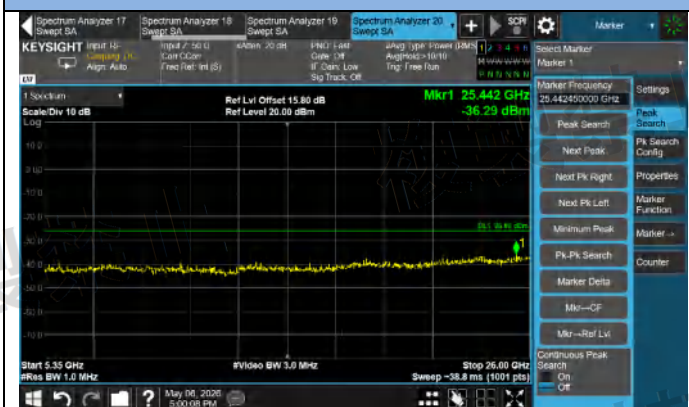
5240-5249MHz

5249-5250MHz



5.350-26.5GHz

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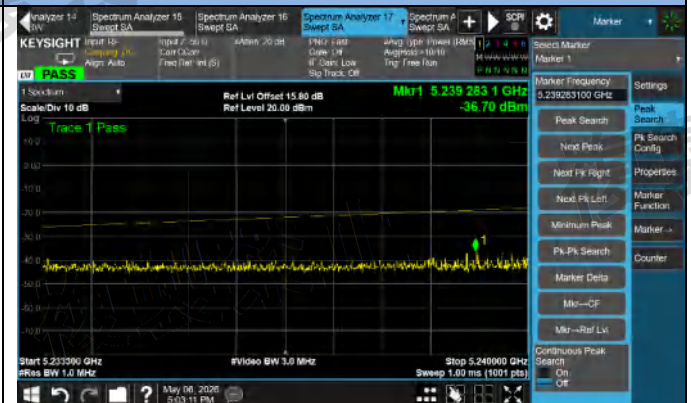
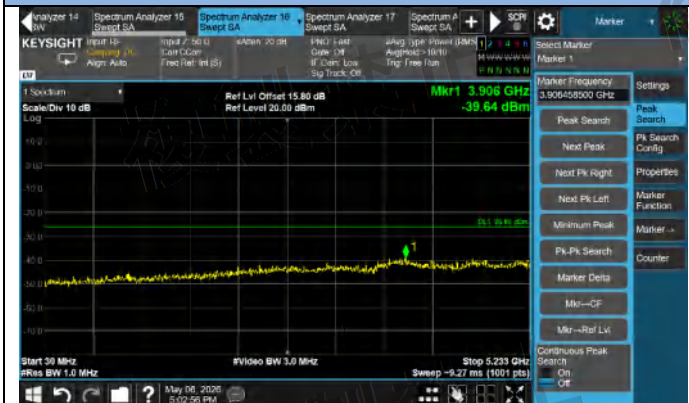


Test Plots - Normal Voltage

Brand_W53 IEEE 802.11ac(VHT20) / 5260 MHz

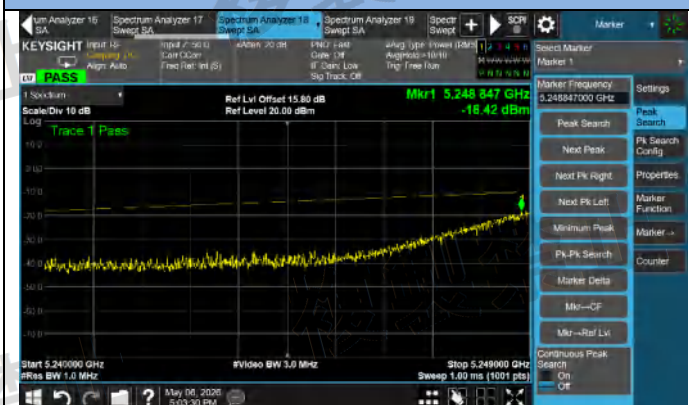
30-5233.3MHz

5233.3-5240MHz



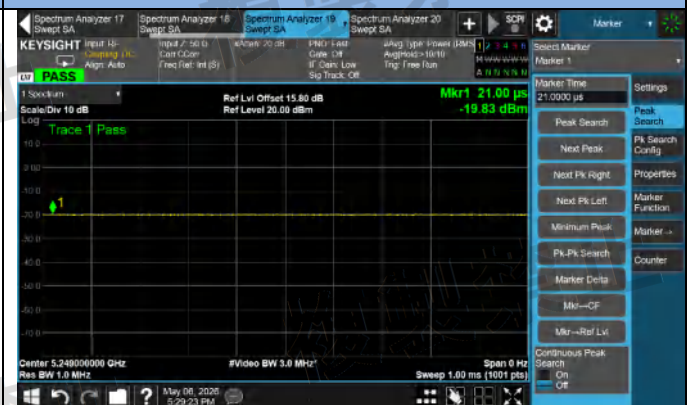
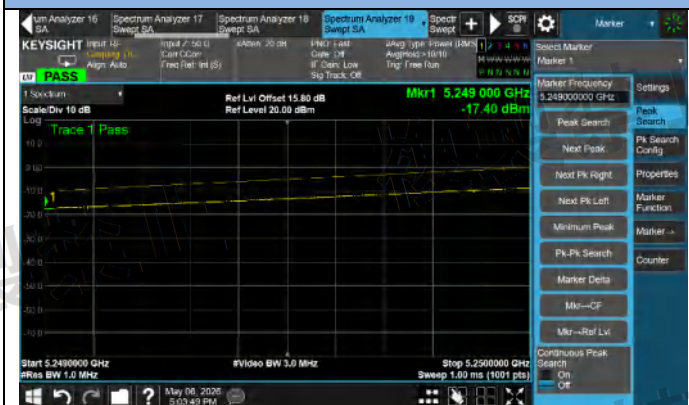
5240-5249MHz Peak

5240-5249MHz AVG



5249-5250MHz Peak

5249-5250MHz AVG



Test Plots - Normal Voltage

Brand_W53 IEEE 802.11ac(VHT20) / 5260 MHz

5.350-26.5GHz



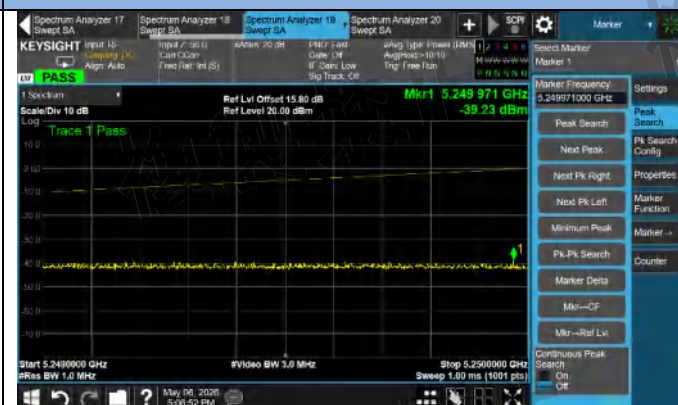
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Brand_W53 IEEE 802.11ac(VHT20) / 5300 MHz

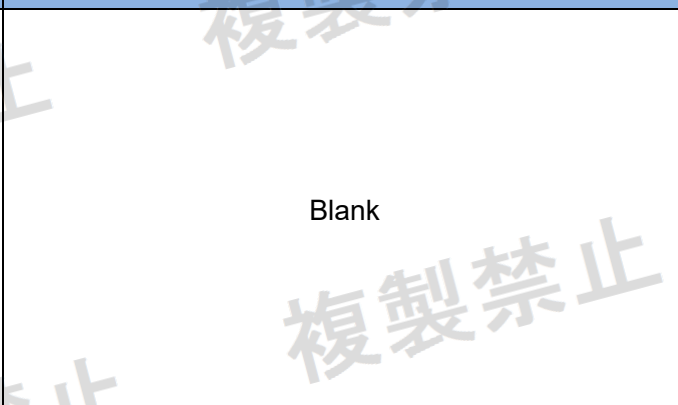
5233.3-5240MHz



5249-5250MHz



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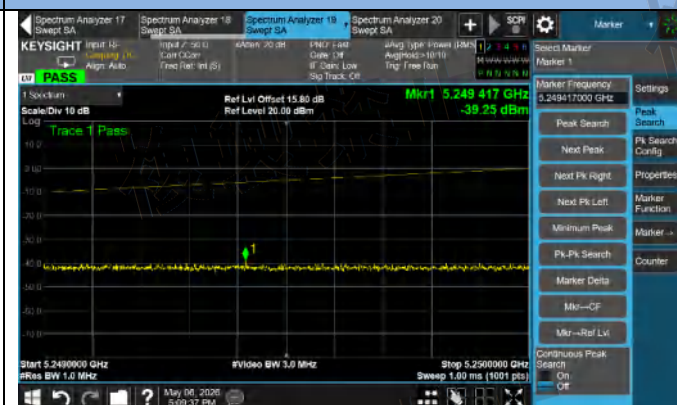


Brand W53 IEEE 802.11ac(VHT20) / 5320 MHz

5233.3-5240MHz



5249-5250MHz



Blank

Test Plots - Normal Voltage

Brand_W53 IEEE 802.11n(HT40) / 5270 MHz

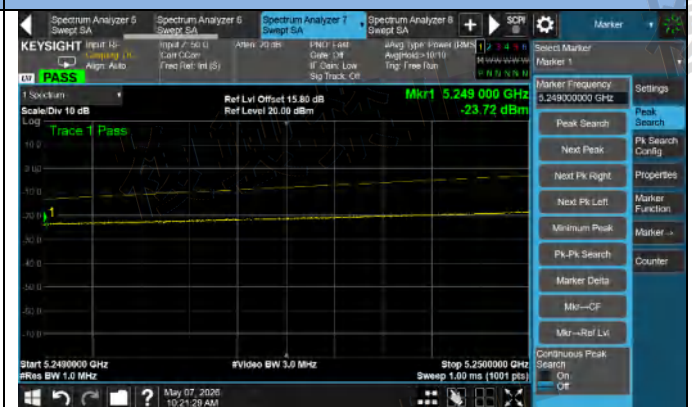
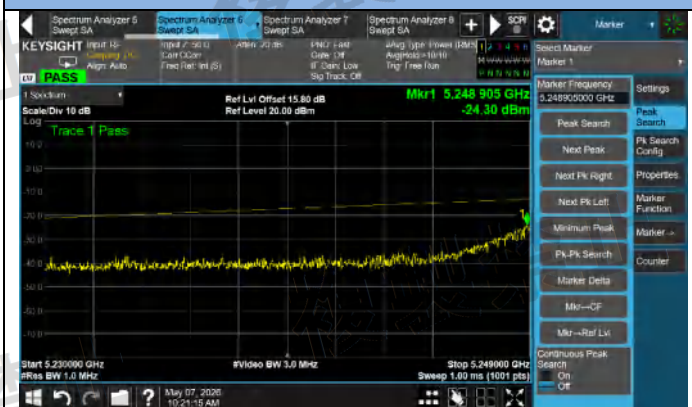
30-5221.6MHz

5221.6-5230MHz



5230-5249MHz

5249-5250MHz



5350-5358.4MHz

5.3584-26GHz

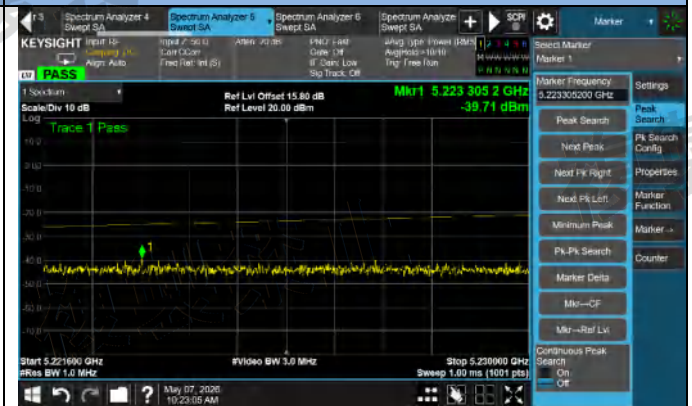


Test Plots - Normal Voltage

Brand_W53 IEEE 802.11n(HT40) / 5310 MHz

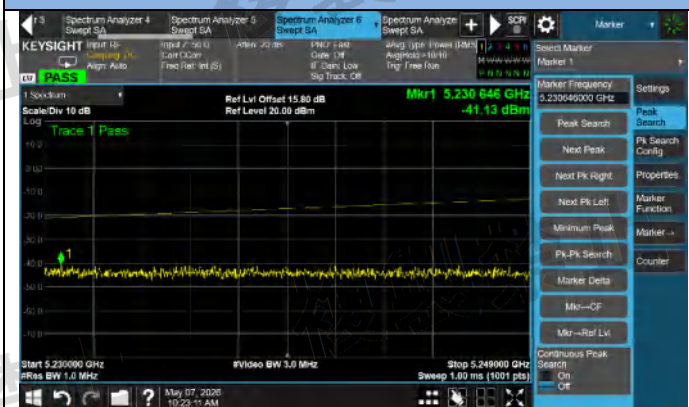
30-5221.6MHz

5221.6-5230MHz



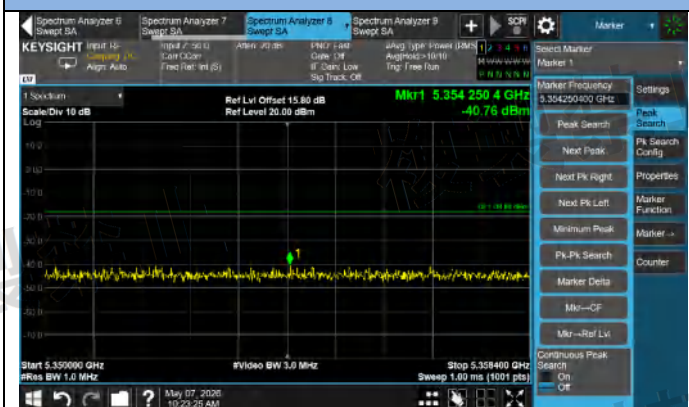
5230-5249MHz

5249-5250MHz



5350-5358.4MHz

5.3584-26GHz

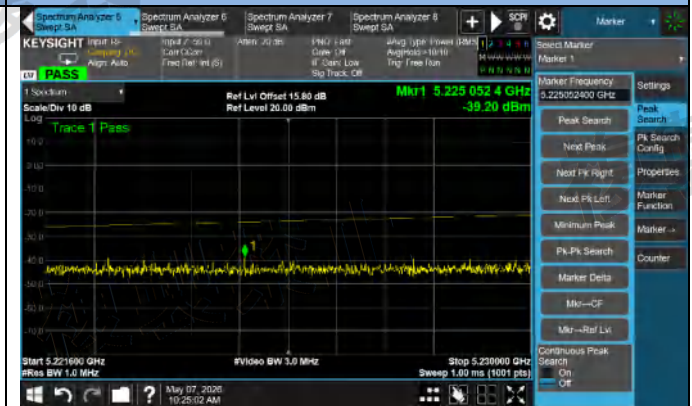
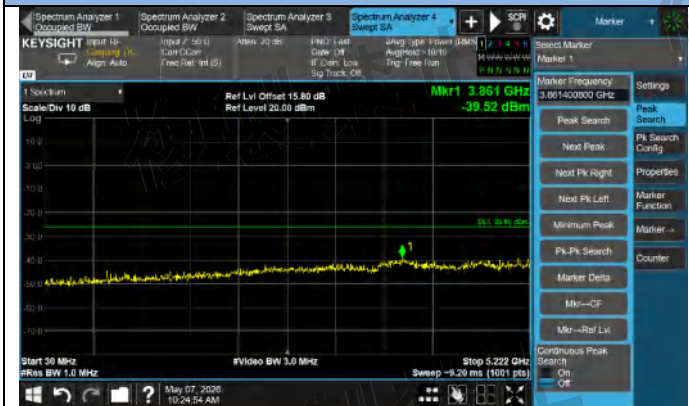


Test Plots - Normal Voltage

Brand_W53 IEEE 802.11ac(VHT40) / 5270 MHz

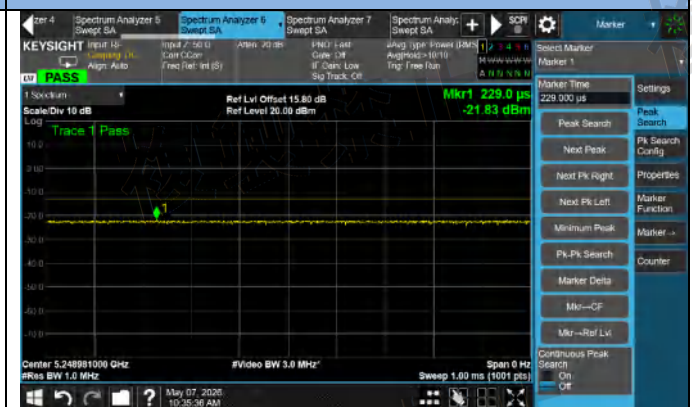
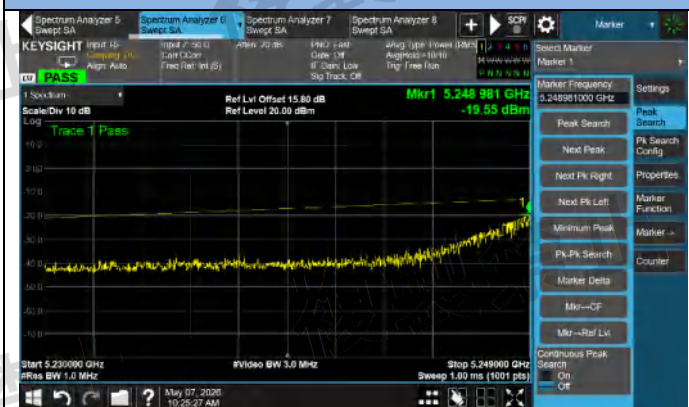
30-5221.6MHz

5221.6-5230MHz



5230-5249MHz Peak

5230-5249MHz AVG



5249-5250MHz Peak

5249-5250MHz AVG

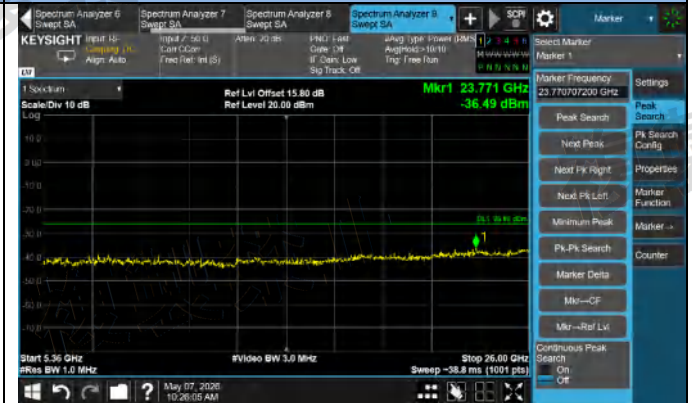
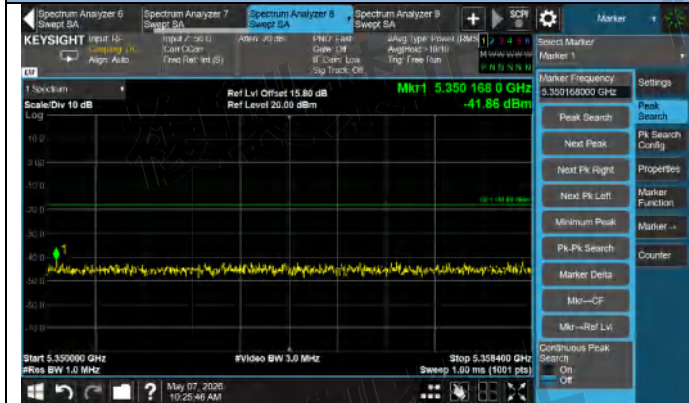


Test Plots - Normal Voltage

Brand_W53 IEEE 802.11ac(VHT40) / 5270 MHz

5350-5358.4MHz

5.3584-26GHz

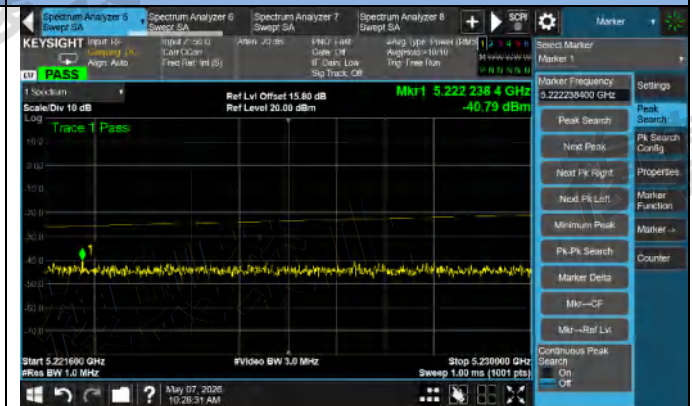


Test Plots - Normal Voltage

Brand_W53 IEEE 802.11ac(VHT40) / 5310 MHz

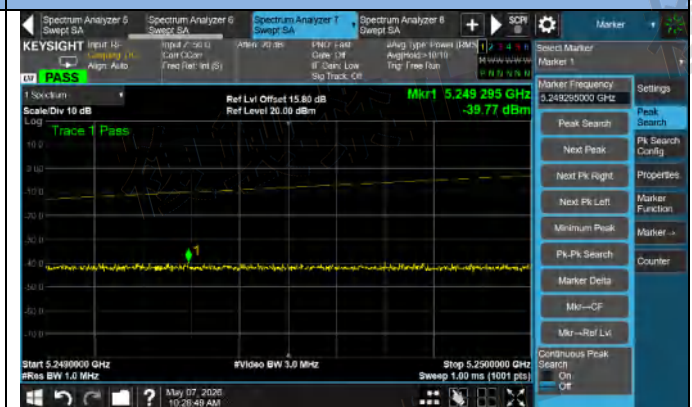
30-5221.6MHz

5221.6-5230MHz



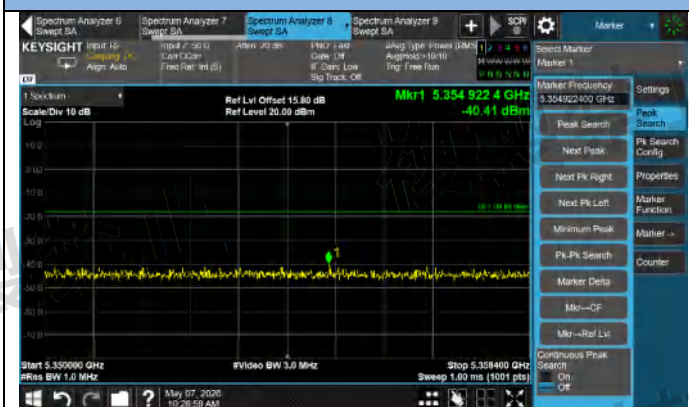
5230-5249MHz

5249-5250MHz



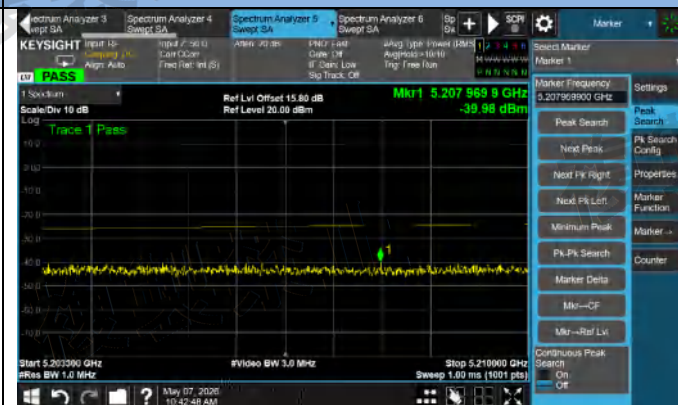
5350-5358.4MHz

5.3584-26GHz



Brand_W53 IEEE 802.11ac(VHT80) / 5290 MHz

5203.3-5210MHz



5210-5249MHz AVG



5249-5250MHz AVG



Test Plots - Normal Voltage

Brand_W53 IEEE 802.11ac(VHT80) / 5290 MHz

5350-5376.8MHz

5.3768-26GHz



Test Plots - Normal Voltage

Brand_W56 IEEE 802.11a / 5500 MHz

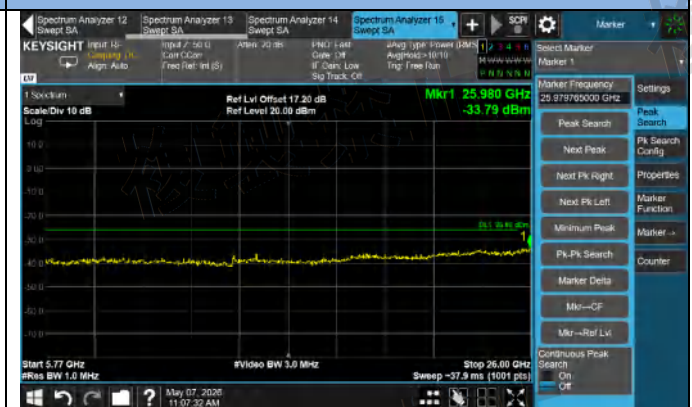
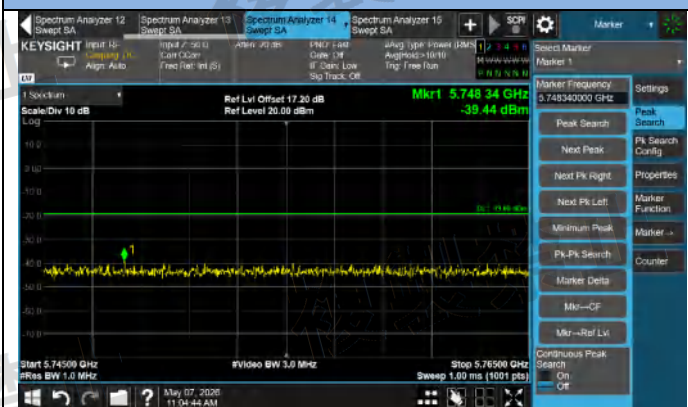
30-5460MHz

5460-5470MHz



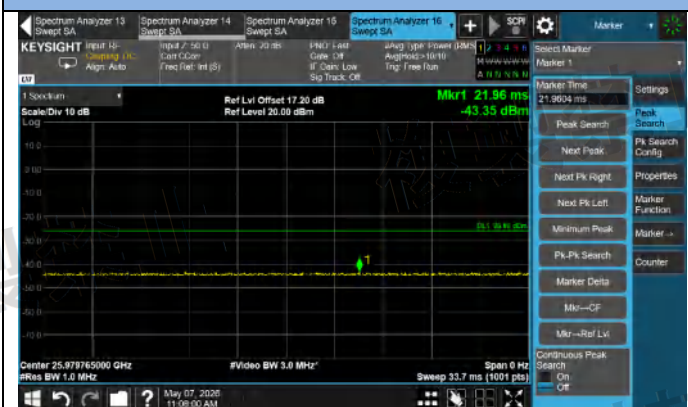
5745-5765MHz

5.765-26GHz Peak



5.765-26GHz AVG

Blank

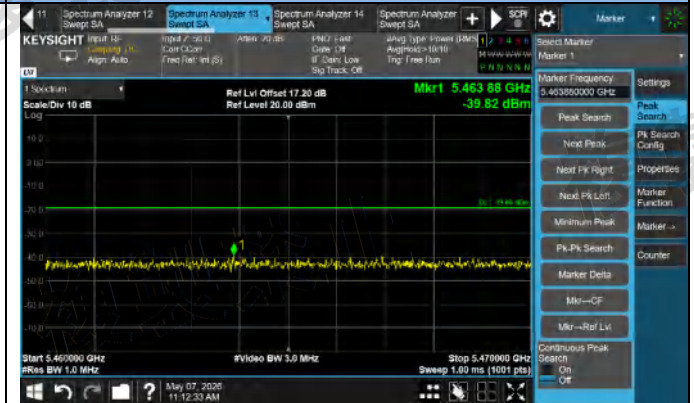


Test Plots - Normal Voltage

Brand_W56 IEEE 802.11a / 5600 MHz

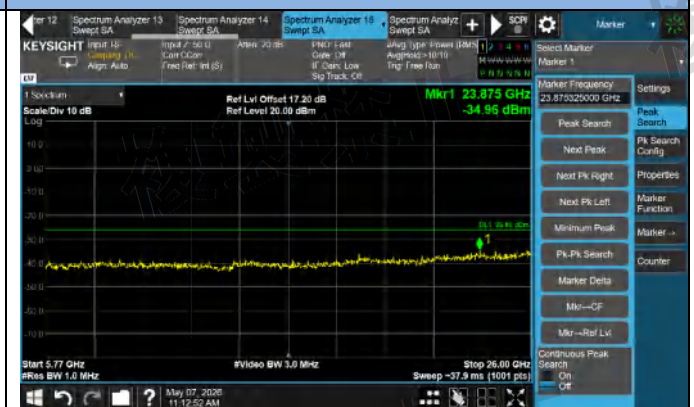
30-5460MHz

5460-5470MHz



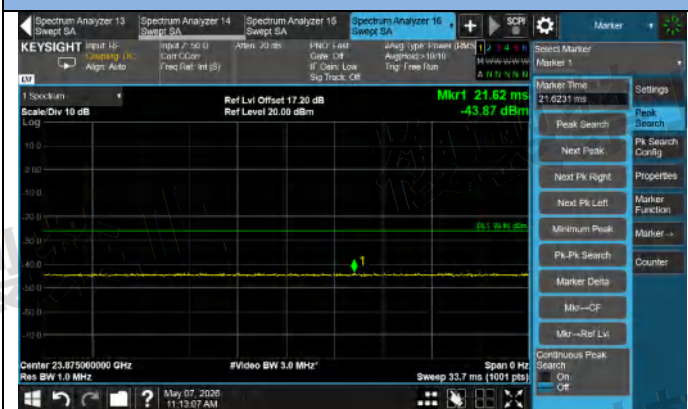
5745-5765MHz

5.765-26GHz Peak



5.765-26GHz AVG

Blank



Test Plots - Normal Voltage

Brand_W56 IEEE 802.11a / 5720 MHz

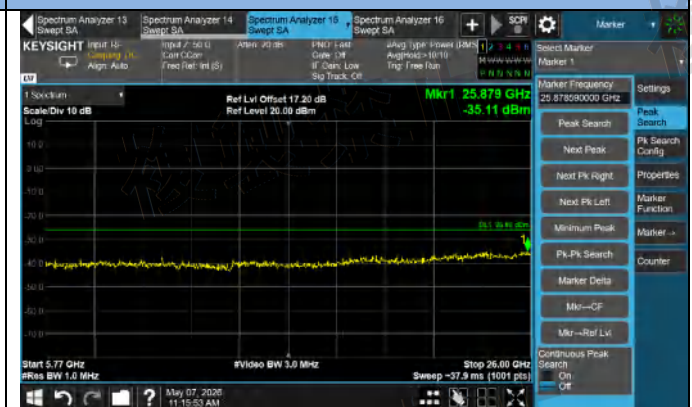
30-5460MHz

5460-5470MHz



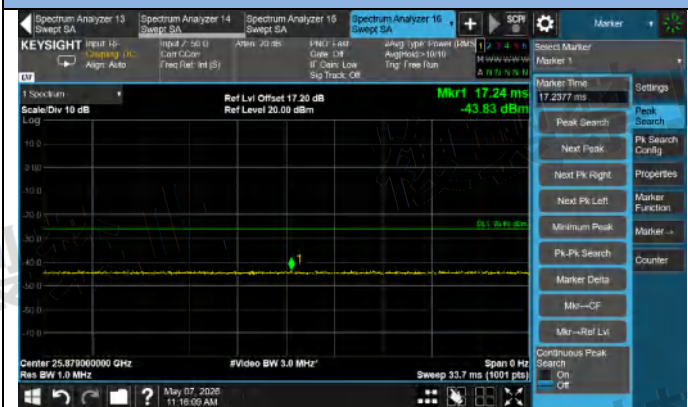
5745-5765MHz

5.765-26GHz Peak



5.765-26GHz AVG

Blank



Test Plots - Normal Voltage

Brand_W56 IEEE 802.11n(HT20) / 5500 MHz

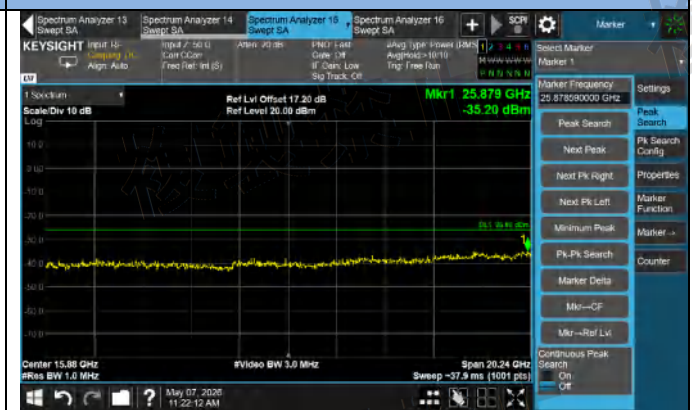
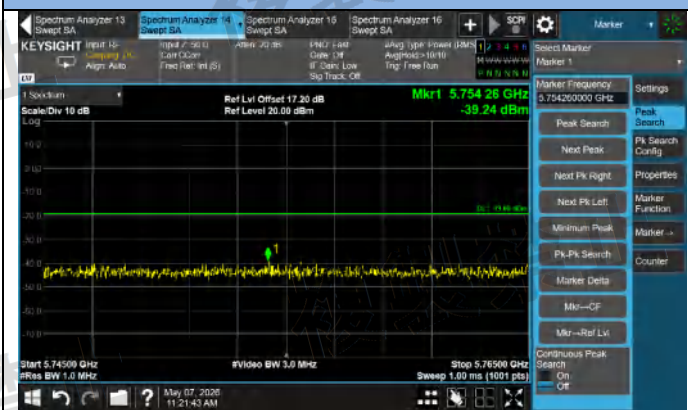
30-5460MHz

5460-5470MHz



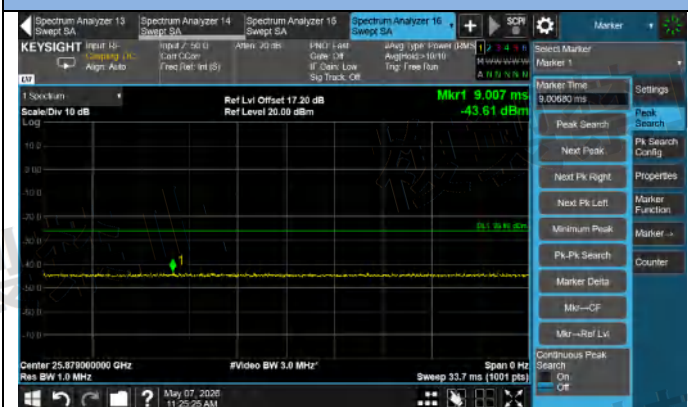
5745-5765MHz

5.765-26GHz Peak



5.765-26GHz AVG

Blank



Test Plots - Normal Voltage

Brand_W56 IEEE 802.11n(HT20) / 5600 MHz

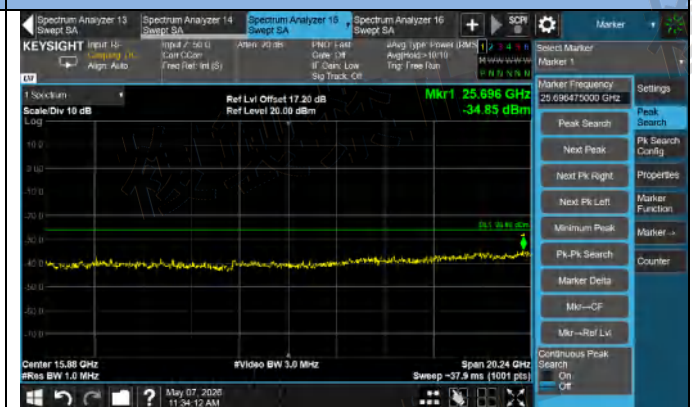
30-5460MHz

5460-5470MHz



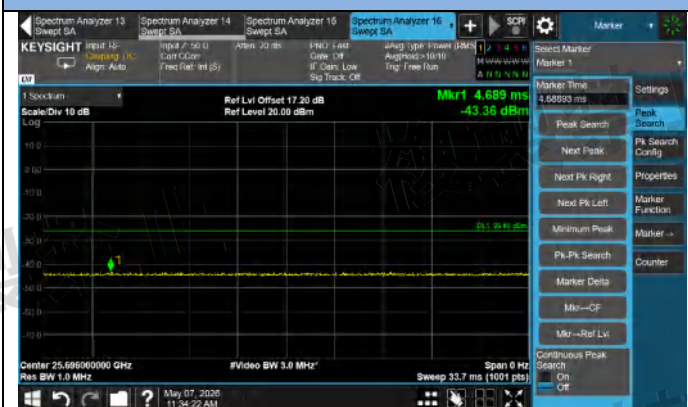
5745-5765MHz

5.765-26GHz Peak



5.765-26GHz AVG

Blank



Test Plots - Normal Voltage

Brand_W56 IEEE 802.11n(HT20) / 5720 MHz

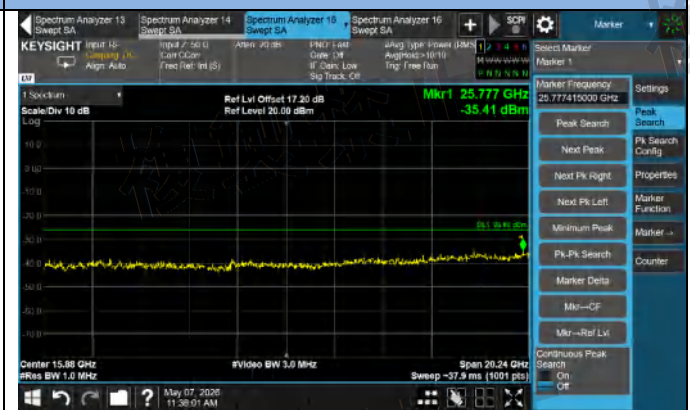
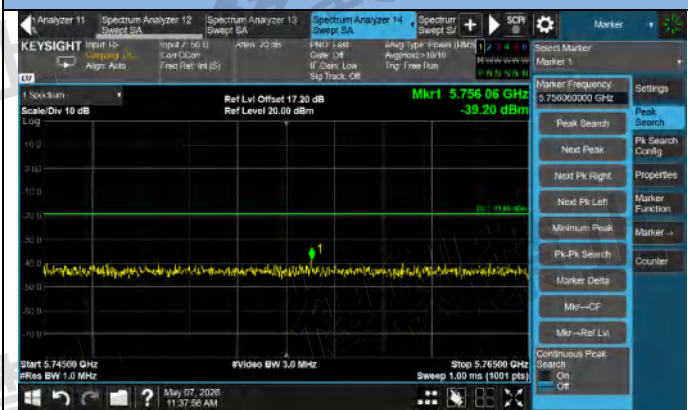
30-5460MHz

5460-5470MHz



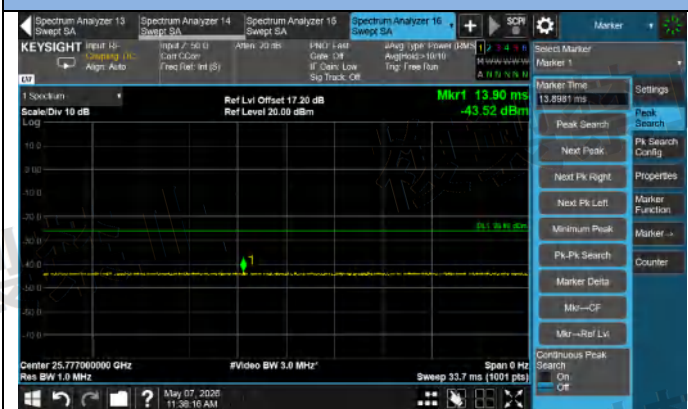
5745-5765MHz

5.765-26GHz Peak



5.765-26GHz AVG

Blank



Test Plots - Normal Voltage

Brand_W56 IEEE 802.11ac(VHT20) / 5500 MHz

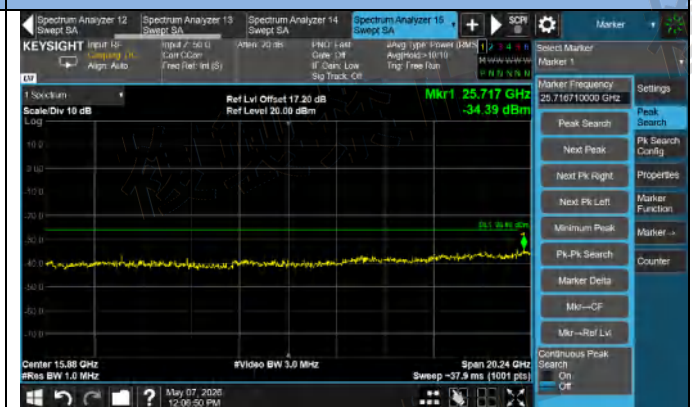
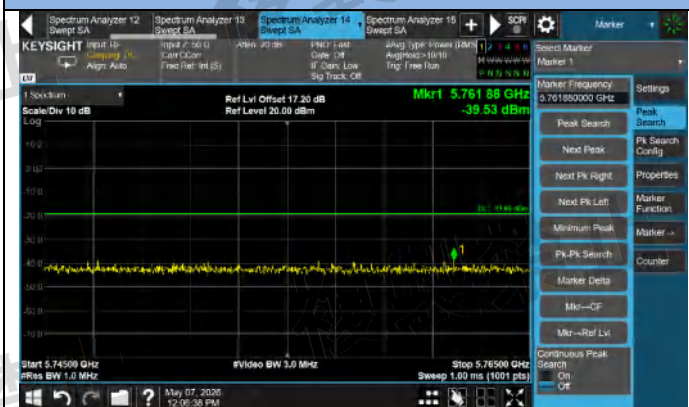
30-5460MHz

5460-5470MHz

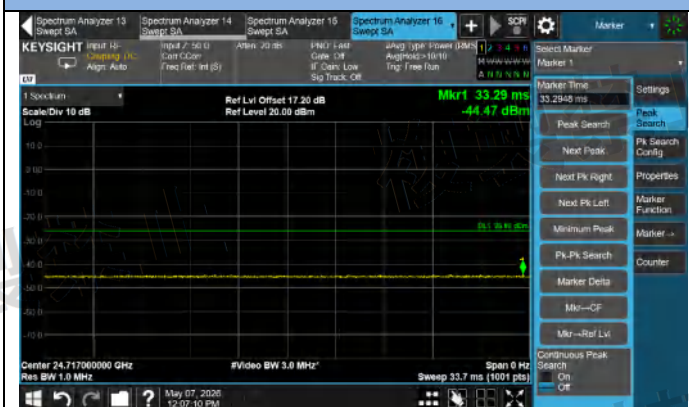


5745-5765MHz

5.765-26GHz Peak



5.765-26GHz AVG



Blank

Test Plots - Normal Voltage

Brand_W56 IEEE 802.11ac(VHT20) / 5600 MHz

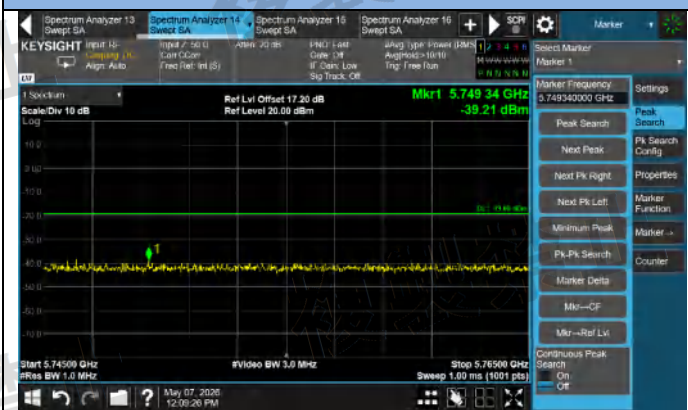
30-5460MHz

5460-5470MHz



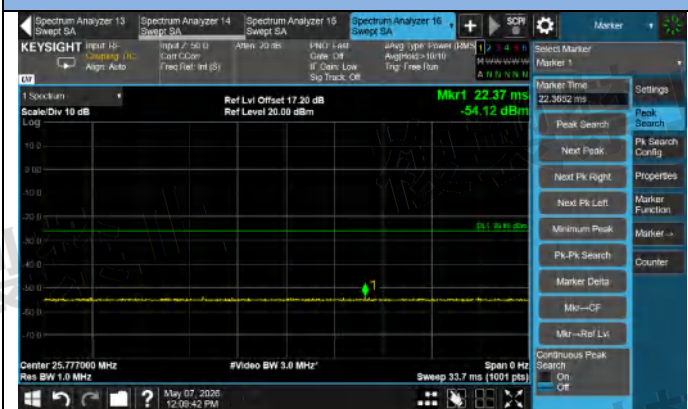
5745-5765MHz

5.765-26GHz Peak



5.765-26GHz AVG

Blank

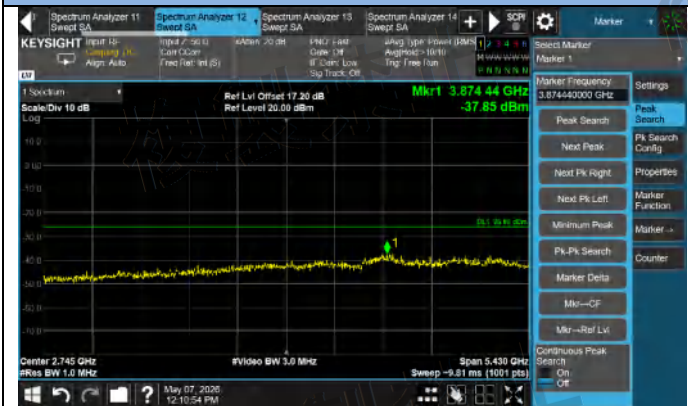


Test Plots - Normal Voltage

Brand_W56 IEEE 802.11ac(VHT20) / 5720 MHz

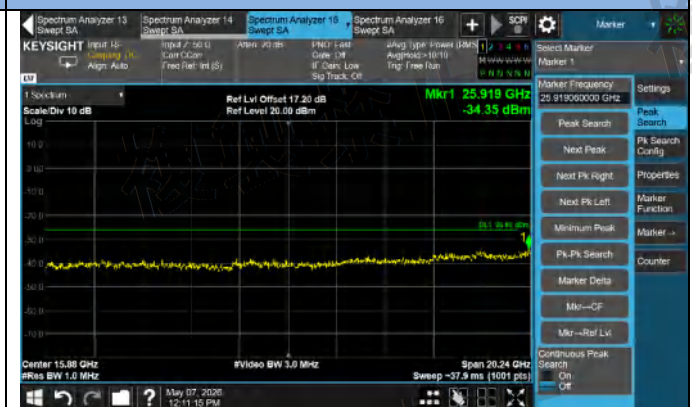
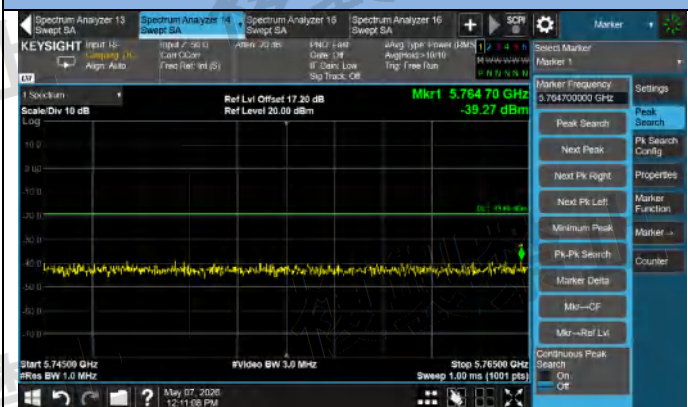
30-5460MHz

5460-5470MHz

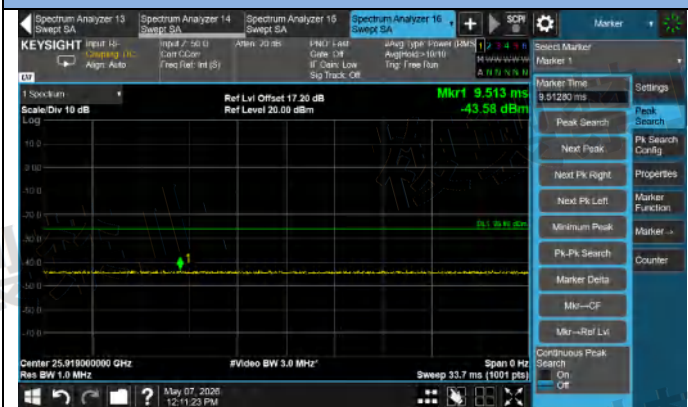


5745-5765MHz

5.765-26GHz Peak



5.765-26GHz AVG



Blank

Test Plots - Normal Voltage

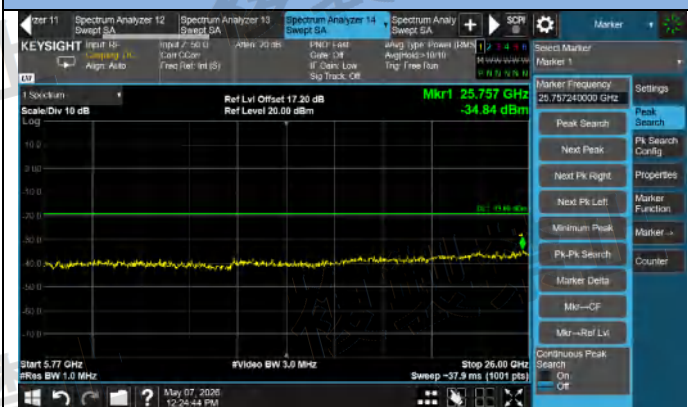
Brand_W56 IEEE 802.11n(HT40) / 5510 MHz

30-5460MHz

5460-5470MHz



5.770-26GHz

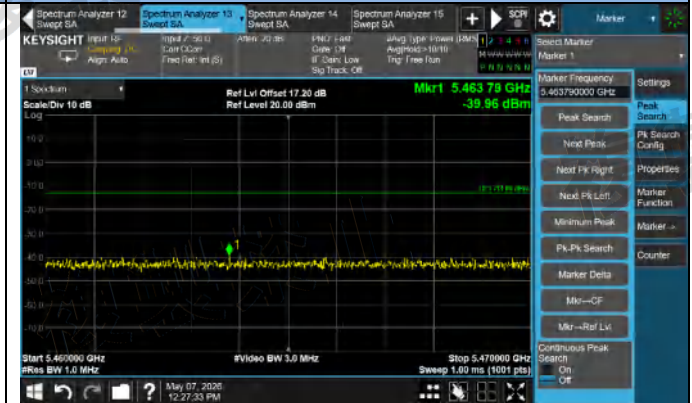


Test Plots - Normal Voltage

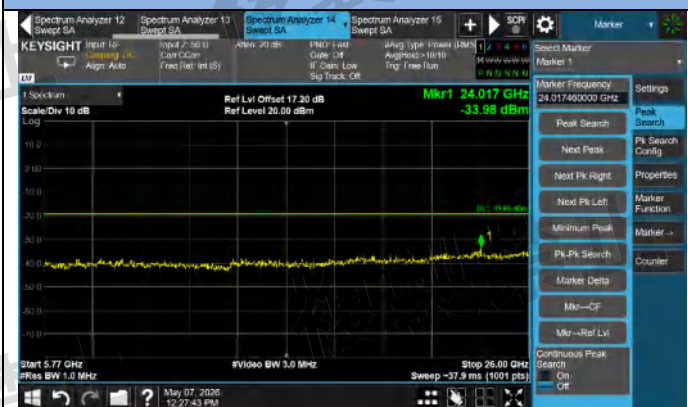
Brand_W56 IEEE 802.11n(HT40) / 5630 MHz

30-5460MHz

5460-5470MHz



5.770-26GHz

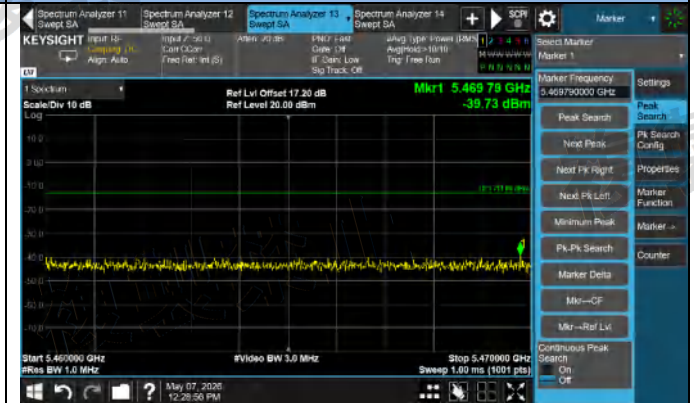


Test Plots - Normal Voltage

Brand_W56 IEEE 802.11n(HT40) / 5710 MHz

30-5460MHz

5460-5470MHz



5.770-26GHz



Test Plots - Normal Voltage

Brand_W56 IEEE 802.11ac(VHT40) / 5510 MHz

30-5460MHz

5460-5470MHz



5.770-26GHz



Blank

Test Plots - Normal Voltage

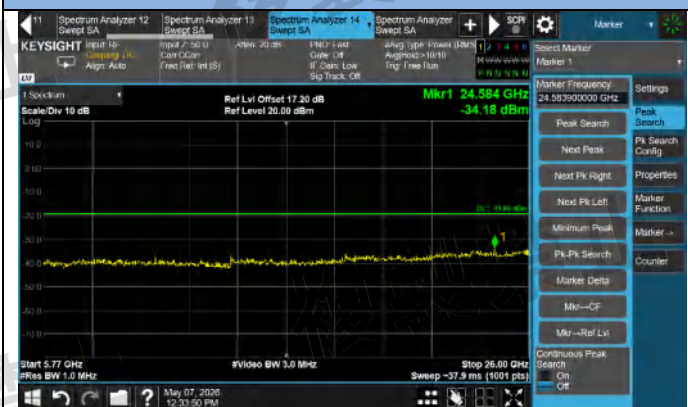
Brand_W56 IEEE 802.11ac(VHT40) / 5630 MHz

30-5460MHz

5460-5470MHz



5.770-26GHz

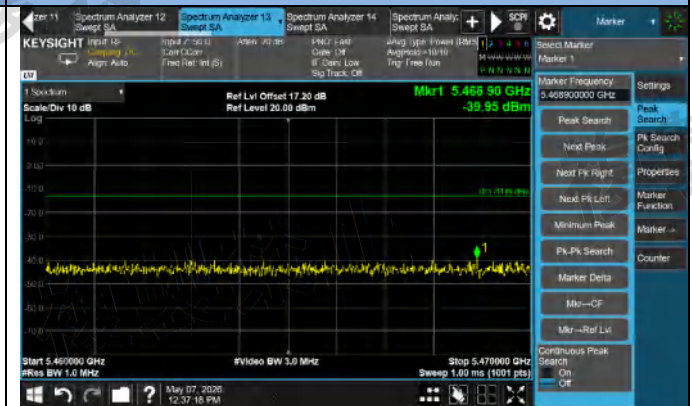


Test Plots - Normal Voltage

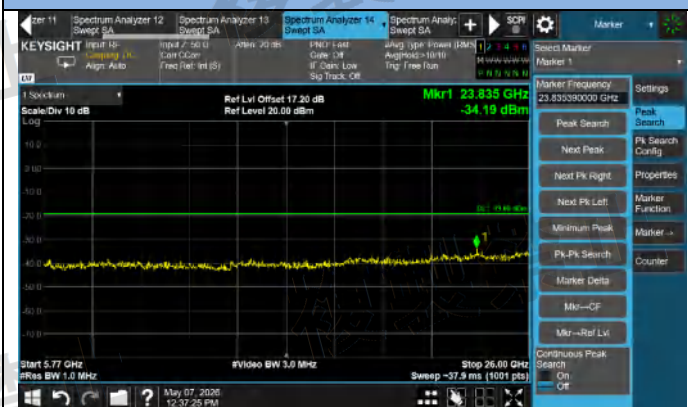
Brand_W56 IEEE 802.11ac(VHT40) / 5710 MHz

30-5460MHz

5460-5470MHz



5.770-26GHz

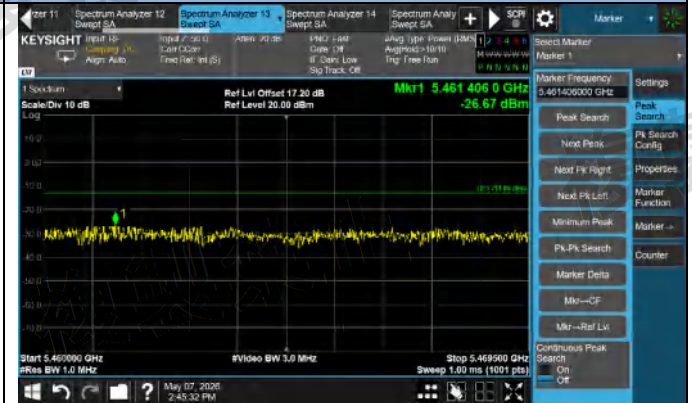


Test Plots - Normal Voltage

Brand_W56 IEEE 802.11ac(VHT80) / 5530 MHz

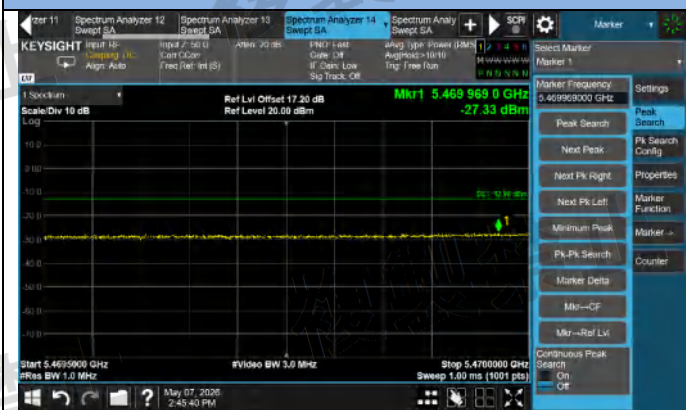
30-5460MHz

5460-5469.5MHz



5469.5-5470MHz

5.770-26GHz

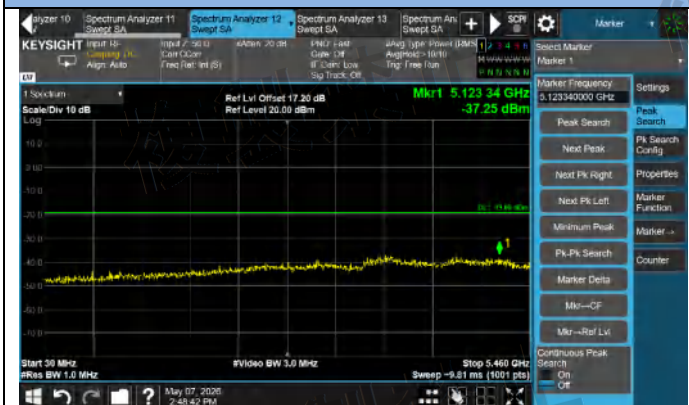


Test Plots - Normal Voltage

Brand_W56 IEEE 802.11ac(VHT80) / 5610 MHz

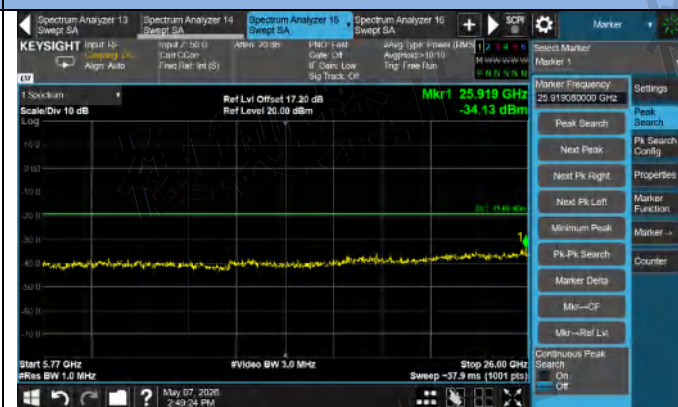
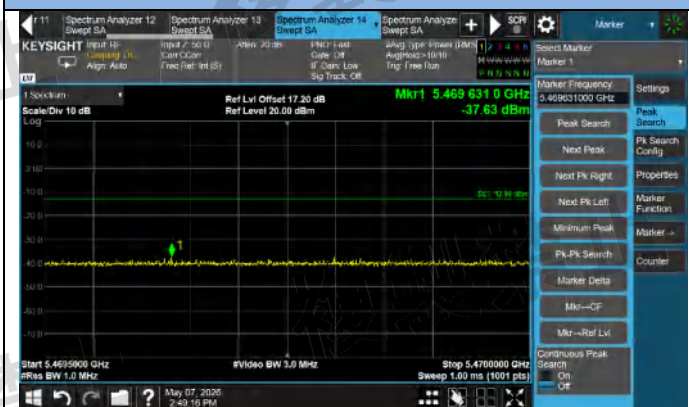
30-5460MHz

5460-5469.5MHz



5469.5-5470MHz

5.770-26GHz

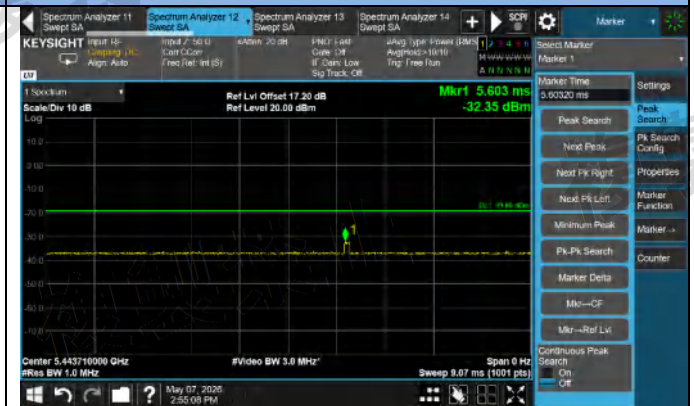


Test Plots - Normal Voltage

Brand_W56 IEEE 802.11ac(VHT80) / 5690 MHz

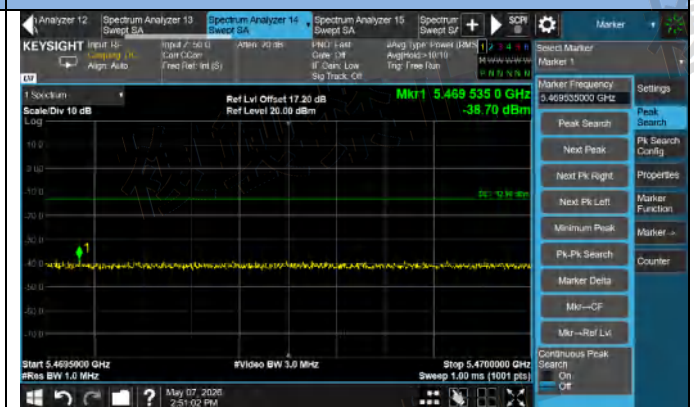
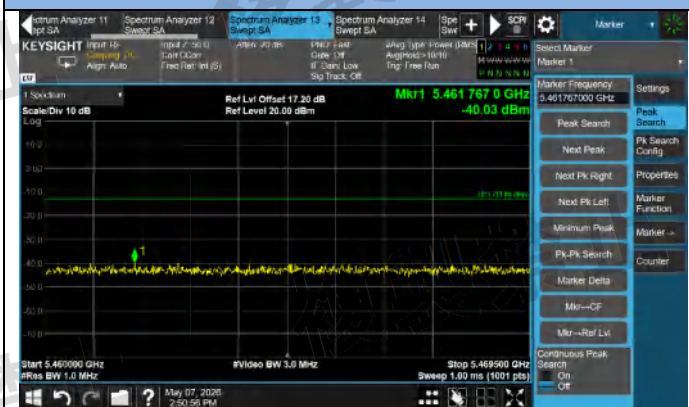
30-5460MHz Peak

30-5460MHz AVG



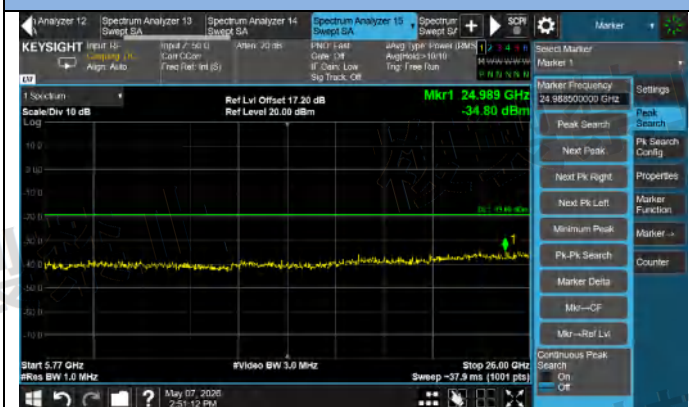
5460-5469.5MHz

5469.5-5470MHz



5.770-26GHz

Blank

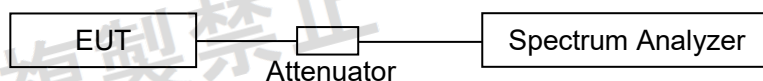


12.5 Secondary Radiated Emissions Strength Measurement

LIMIT

Standard	Item	Frequency	Limit
Article 2-1 of Item 19-3	Spurious Emission	Below 1GHz	4nW/-54dBm
		Above 1GHz	20nW/-47dBm

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: 30 ~ 1000 MHz, 1000 ~ 26000 MHz
 - Set the RBW to 100 KHz for below 1GHz, and 1 MHz for above 1 GHz
 - Set the VBW $\geq$ RBW
 - Set the Detector = peak
 - Set the Sweep time = auto couple
 - Set the Trace mode = max hold
 - Allow trace to fully stabilize
- Use the peak marker function to determine the emissions.

TEST RESULTS

PASS

Please refer to the following test plots.

Remark: Antenna gain has been considered and evaluated during the testing.

Test Date: February 26, 2026, May 07, 2026			Test Result: PASS		
Band	Frequency (MHz)	Frequency Range	Result (dBm) PK	Result (dBm) AVG	Limit
IEEE 802.11a / Normal Voltage					
W52	5180	30 - 1000MHz	-73.65	---	< -54dBm
		1 - 26GHz	-55.84	-64.27	< -47dBm
	5200	30 - 1000MHz	-73.94	---	< -54dBm
		1 - 26GHz	-55.03	-65.06	< -47dBm
	5240	30 - 1000MHz	-73.27	---	< -54dBm
		1 - 26GHz	-55.04	-65.38	< -47dBm
W53	5260	30 - 1000MHz	-73.91	---	< -54dBm
		1 - 26GHz	-57.12	---	< -47dBm
	5300	30 - 1000MHz	-74.23	---	< -54dBm
		1 - 26GHz	-57.63	---	< -47dBm
	5320	30 - 1000MHz	-74.28	---	< -54dBm
		1 - 26GHz	-57.20	---	< -47dBm
W56	5500	30 - 1000MHz	-73.20	---	< -54dBm
		1 - 26GHz	-54.88	-56.85	< -47dBm
	5600	30 - 1000MHz	-73.89	---	< -54dBm
		1 - 26GHz	-54.42	-56.36	< -47dBm
	5720	30 - 1000MHz	-73.71	-54.32	< -54dBm
		1 - 26GHz	-56.28	---	< -47dBm

Test Date: February 26, 2026, May 07, 2026			Test Result: PASS		
Band	Frequency (MHz)	Frequency Range	Result (dBm) PK	Result (dBm) AVG	Limit
IEEE 802.11n(HT20) / Normal Voltage					
W52	5180	30 - 1000MHz	-73.90	---	< -54dBm
		1 - 26GHz	-55.51	-64.40	< -47dBm
	5200	30 - 1000MHz	-73.41	---	< -54dBm
		1 - 26GHz	-56.06	-64.58	< -47dBm
	5240	30 - 1000MHz	-74.02	---	< -54dBm
		1 - 26GHz	-54.44	-64.73	< -47dBm
W53	5260	30 - 1000MHz	-74.08	---	< -54dBm
		1 - 26GHz	-57.31	---	< -47dBm
	5300	30 - 1000MHz	-74.76	---	< -54dBm
		1 - 26GHz	-57.58	---	< -47dBm
	5320	30 - 1000MHz	-75.08	---	< -54dBm
		1 - 26GHz	-57.49	---	< -47dBm
W56	5500	30 - 1000MHz	-72.46	---	< -54dBm
		1 - 26GHz	-54.40	-56.76	< -47dBm
	5600	30 - 1000MHz	-72.91	---	< -54dBm
		1 - 26GHz	-54.12	-56.03	< -47dBm
	5720	30 - 1000MHz	-74.38	---	< -54dBm
		1 - 26GHz	-54.65	-56.48	< -47dBm

Test Date: February 26, 2026, May 07, 2026			Test Result: PASS		
Band	Frequency (MHz)	Frequency Range	Result (dBm) PK	Result (dBm) AVG	Limit
IEEE 802.11ac(VHT20) / Normal Voltage					
W52	5180	30 - 1000MHz	-73.21	---	< -54dBm
		1 - 26GHz	-56.47	-64.68	< -47dBm
	5200	30 - 1000MHz	-73.22	---	< -54dBm
		1 - 26GHz	-55.62	-65.60	< -47dBm
	5240	30 - 1000MHz	-74.43	---	< -54dBm
		1 - 26GHz	-56.77	-66.03	< -47dBm
W53	5260	30 - 1000MHz	-74.72	---	< -54dBm
		1 - 26GHz	-57.02	---	< -47dBm
	5300	30 - 1000MHz	-74.81	---	< -54dBm
		1 - 26GHz	-57.26	---	< -47dBm
	5320	30 - 1000MHz	-74.85	---	< -54dBm
		1 - 26GHz	-57.18	---	< -47dBm
W56	5500	30 - 1000MHz	-72.59	---	< -54dBm
		1 - 26GHz	-54.89	-56.39	< -47dBm
	5600	30 - 1000MHz	-73.30	---	< -54dBm
		1 - 26GHz	-54.86	-58.20	< -47dBm
	5720	30 - 1000MHz	-72.55	---	< -54dBm
		1 - 26GHz	-54.59	-56.27	< -47dBm

Test Date: February 26, 2026, May 07, 2026			Test Result: PASS		
Band	Frequency (MHz)	Frequency Range	Result (dBm) PK	Result (dBm) AVG	Limit
IEEE 802.11 n(HT40) / Normal Voltage					
W52	5190	30 - 1000MHz	-74.48	---	< -54dBm
		1 - 26GHz	-55.58	-64.80	< -47dBm
	5230	30 - 1000MHz	-74.02	---	< -54dBm
		1 - 26GHz	-54.44	-64.73	< -47dBm
W53	5270	30 - 1000MHz	-74.97	---	< -54dBm
		1 - 26GHz	-57.50	---	< -47dBm
	5310	30 - 1000MHz	-74.49	---	< -54dBm
		1 - 26GHz	-57.35	---	< -47dBm
W56	5510	30 - 1000MHz	-73.27	---	< -54dBm
		1 - 26GHz	-55.20	-56.67	< -47dBm
	5630	30 - 1000MHz	-73.02	---	< -54dBm
		1 - 26GHz	-54.05	-56.72	< -47dBm
	5710	30 - 1000MHz	-73.23	---	< -54dBm
		1 - 26GHz	-54.90	-56.21	< -47dBm
IEEE 802.11 ac(VHT40) Mode					
W52	5190	30 - 1000MHz	-74.99	---	< -54dBm
		1 - 26GHz	-56.26	-65.35	< -47dBm
	5230	30 - 1000MHz	-73.27	---	< -54dBm
		1 - 26GHz	-56.24	-66.05	< -47dBm
W53	5270	30 - 1000MHz	-74.17	---	< -54dBm
		1 - 26GHz	-57.15	---	< -47dBm
	5310	30 - 1000MHz	-76.11	---	< -54dBm
		1 - 26GHz	-57.04	---	< -47dBm
W56	5510	30 - 1000MHz	-72.17	---	< -54dBm
		1 - 26GHz	-54.91	-56.37	< -47dBm
	5630	30 - 1000MHz	-72.37	---	< -54dBm
		1 - 26GHz	-54.32	-56.62	< -47dBm
	5710	30 - 1000MHz	-72.81	---	< -54dBm
		1 - 26GHz	-54.82	-55.95	< -47dBm

Test Date: February 26, 2026, May 07, 2026			Test Result: PASS		
Band	Frequency (MHz)	Frequency Range	Result (dBm) PK	Result (dBm) AVG	Limit
IEEE 802.11 ac(VHT80) / Normal Voltage					
W52	5210	30 - 1000MHz	-73.47	---	< -54dBm
		1 - 26GHz	-56.02	-64.87	< -47dBm
W53	5290	30 - 1000MHz	-75.39	---	< -54dBm
		1 - 26GHz	-57.45	---	< -47dBm
W56	5530	30 - 1000MHz	-72.26	---	< -54dBm
		1 - 26GHz	-54.65	-56.03	< -47dBm
	5610	30 - 1000MHz	-73.69	---	< -54dBm
		1 - 26GHz	-54.92	-56.16	< -47dBm
	5690	30 - 1000MHz	-73.71	---	< -54dBm
		1 - 26GHz	-54.72	-56.38	< -47dBm

Test Date: February 26, 2026, May 07, 2026			Test Result: PASS	
Band	Frequency (MHz)	Frequency Range	Result (dBm)	Limit
IEEE 802.11 ax(HE80) / Normal Voltage				
W52	5210	30 - 1000MHz	-78.35	< -54dBm
		1 - 26GHz	-67.34	< -47dBm
W53	5290	30 - 1000MHz	-67.87	< -54dBm
		1 - 26GHz	-78.20	< -47dBm
W56	5530	30 - 1000MHz	-77.94	< -54dBm
		1 - 26GHz	-67.34	< -47dBm
	5610	30 - 1000MHz	-78.79	< -54dBm
		1 - 26GHz	-67.11	< -47dBm
	5690	30 - 1000MHz	-78.90	< -54dBm
		1 - 26GHz	-67.58	< -47dBm

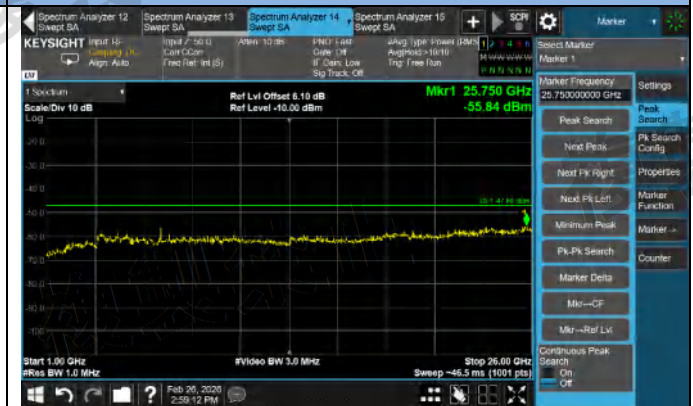
Test Plots - Normal Voltage

Brand_W52 IEEE 802.11a

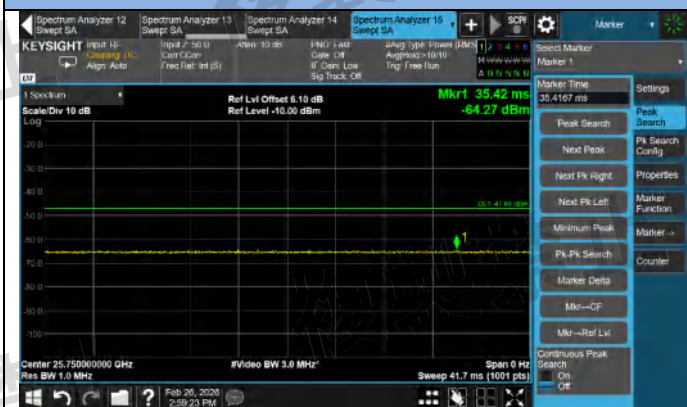
5180MHz (30 – 1000MHz)



5180MHz (1 - 26GHz) Peak



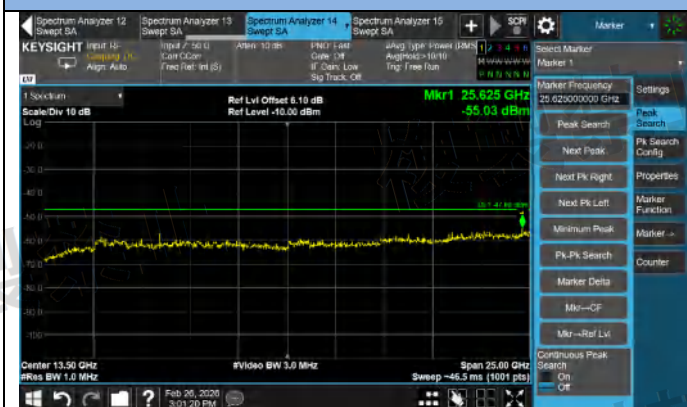
5180MHz (1 - 26GHz) AVG



5200MHz (30 – 1000MHz)

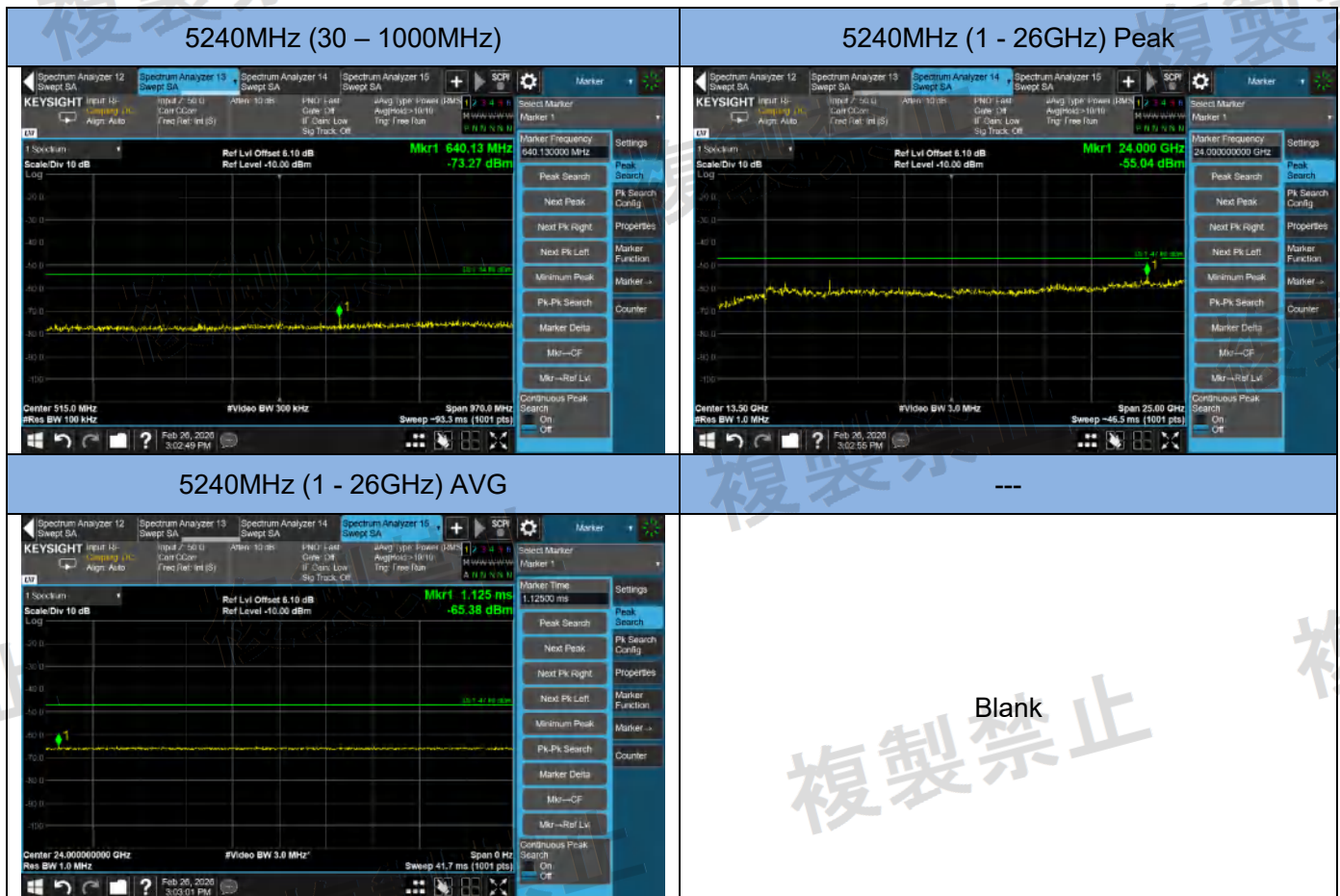


5200MHz (1 - 26GHz) Peak



5200MHz (1 - 26GHz) AVG





Test Plots - Normal Voltage

Brand_W52 IEEE 802.11n(HT20)

5180MHz (30 – 1000MHz)



5180MHz (1 - 26GHz) Peak



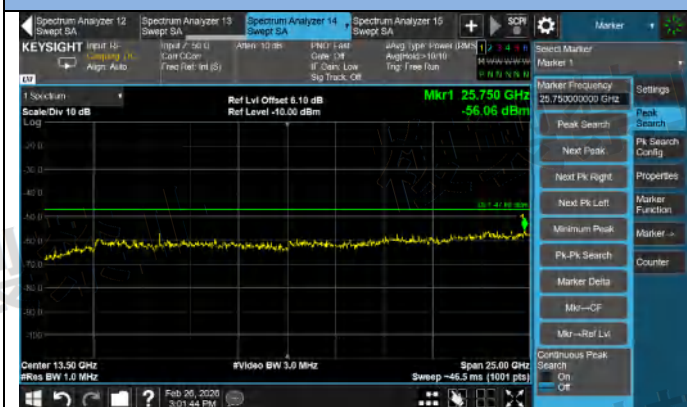
5180MHz (1 - 26GHz) AVG



5200MHz (30 – 1000MHz)

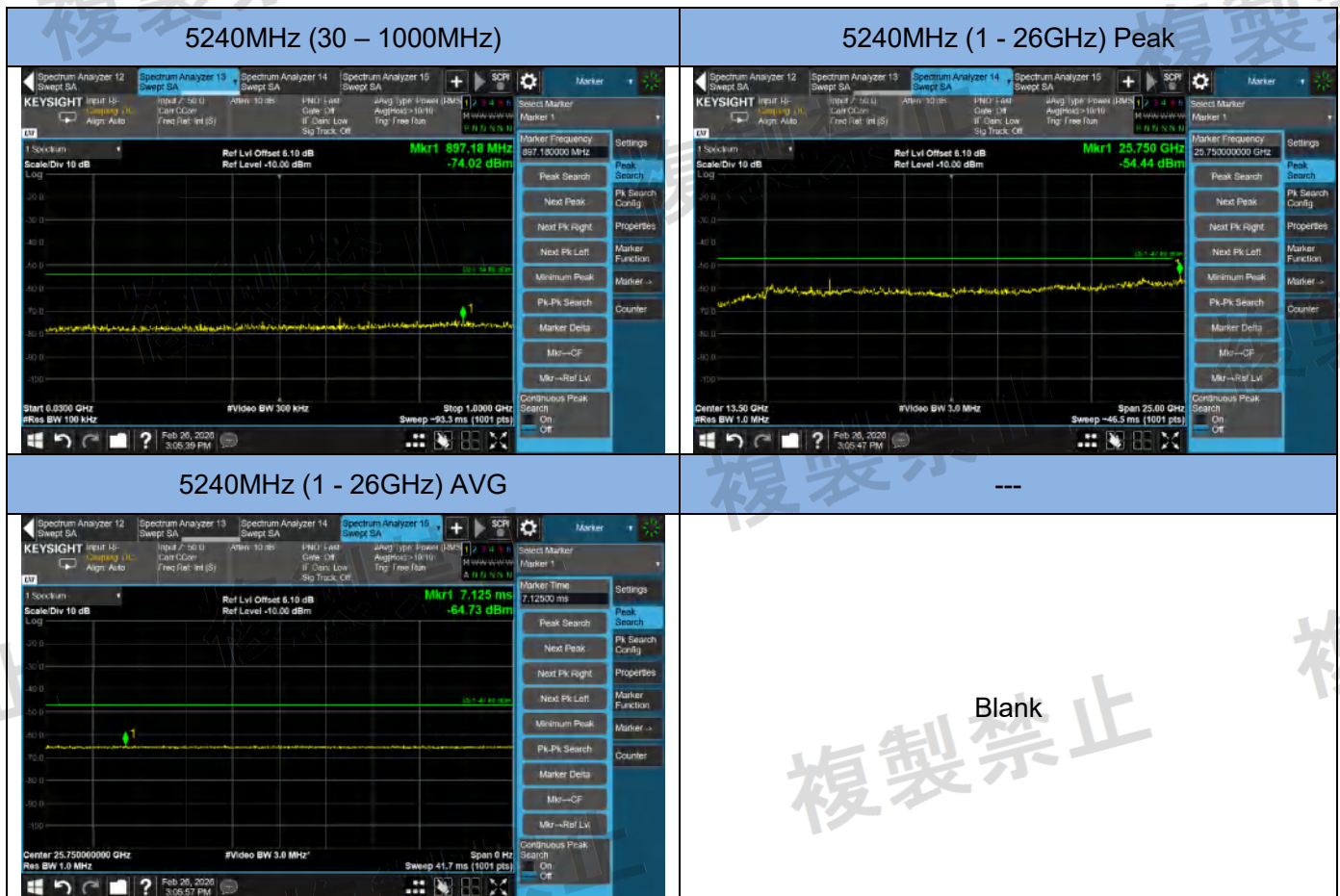


5200MHz (1 - 26GHz) Peak



5200MHz (1 - 26GHz) AVG





Test Plots - Normal Voltage

Brand_W52 IEEE 802.11ac(VHT20)

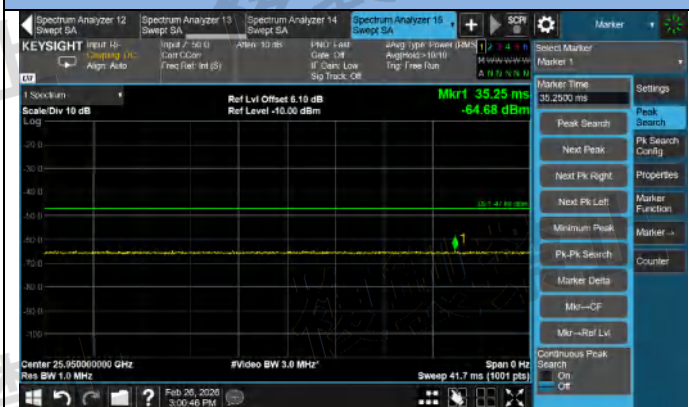
5180MHz (30 – 1000MHz)



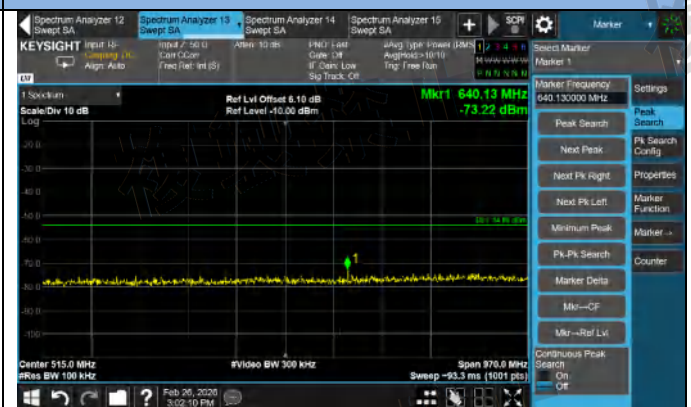
5180MHz (1 - 26GHz) Peak



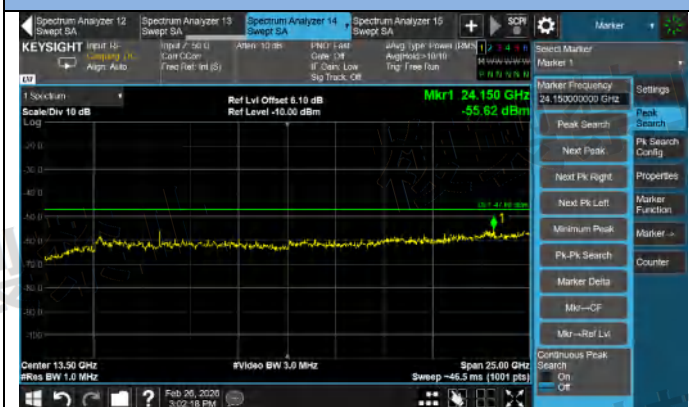
5180MHz (1 - 26GHz) AVG



5200MHz (30 – 1000MHz)

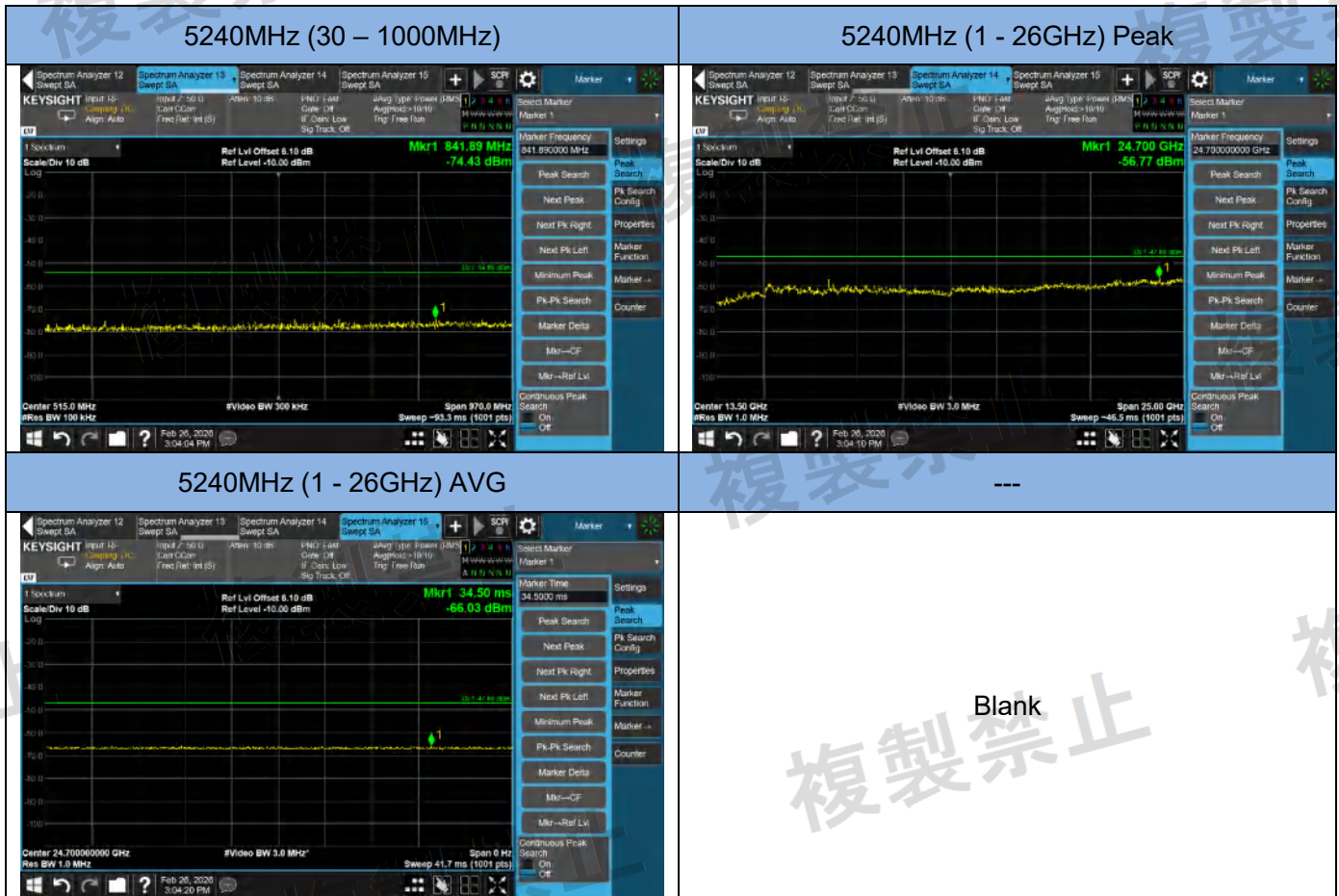


5200MHz (1 - 26GHz) Peak



5200MHz (1 - 26GHz) AVG





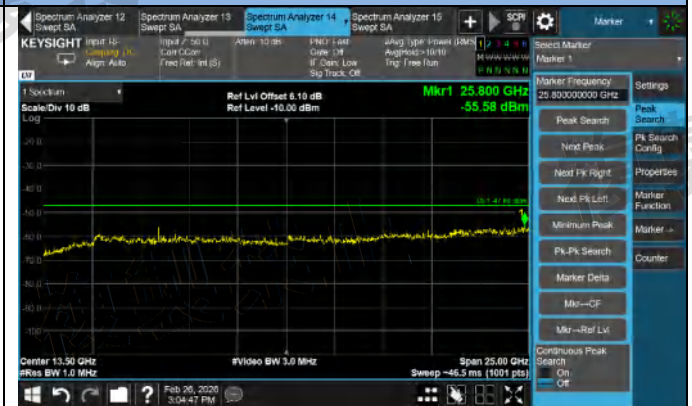
Test Plots - Normal Voltage

Brand_W52 IEEE 802.11n(HT40)

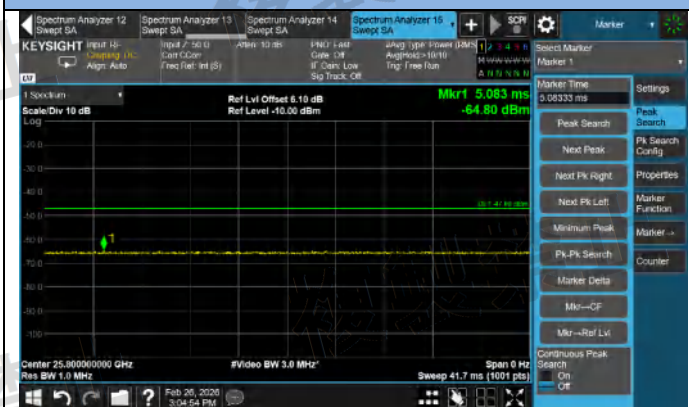
5190MHz (30 – 1000MHz)



5190MHz (1 - 26GHz) Peak



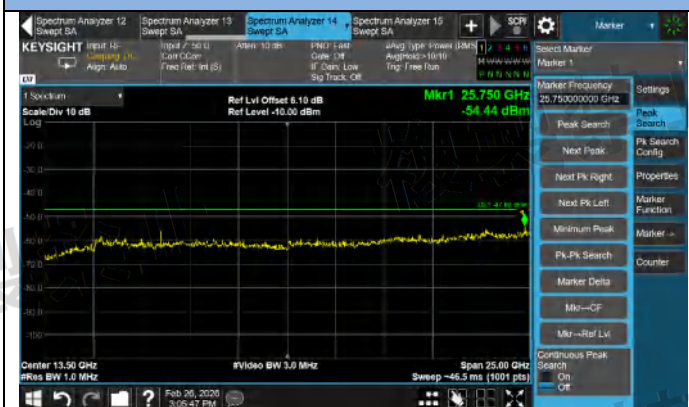
5190MHz (1 - 26GHz) AVG



5230MHz (30 – 1000MHz)



5230MHz (1 - 26GHz) Peak



5230MHz (1 - 26GHz) AVG



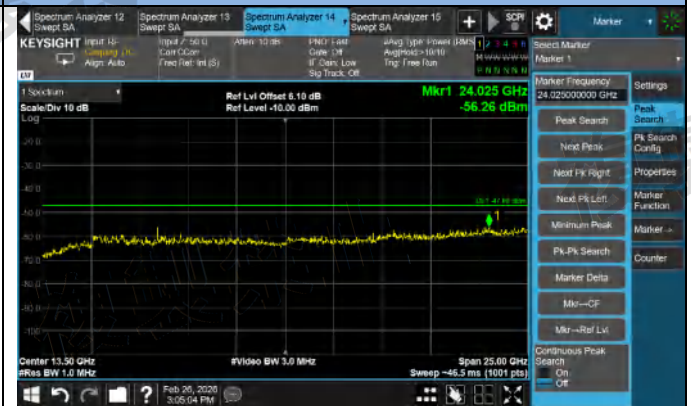
Test Plots - Normal Voltage

Brand_W52 IEEE 802.11ac(VHT40)

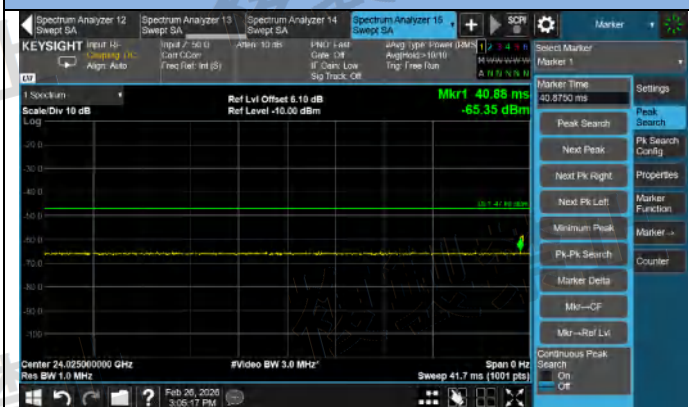
5190MHz (30 – 1000MHz)



5190MHz (1 - 26GHz) Peak



5190MHz (1 - 26GHz) AVG



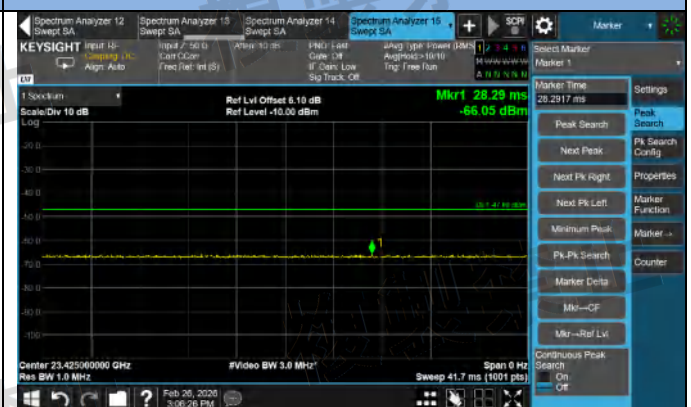
5230MHz (30 – 1000MHz)



5230MHz (1 - 26GHz) Peak



5230MHz (1 - 26GHz) AVG

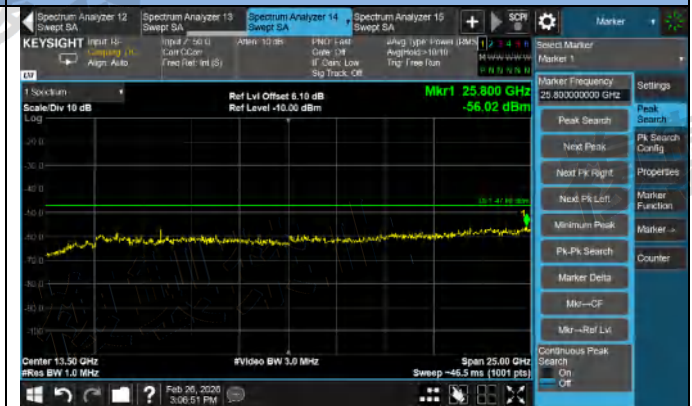


Test Plots - Normal Voltage

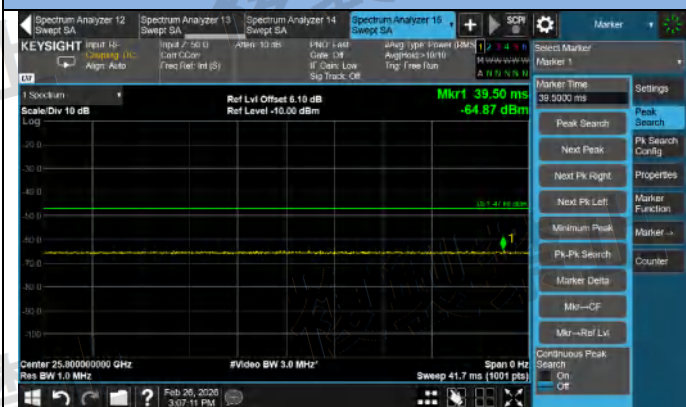
Brand_W52 IEEE 802.11ac(VHT80)

5210MHz (30 – 1000MHz)

5210MHz (1 - 26GHz) Peak



5210MHz (1 - 26GHz) AVG



Blank

Test Plots - Normal Voltage

Brand_W53 IEEE 802.11a

5260MHz (30 – 1000MHz)



5260MHz (1 - 26GHz)



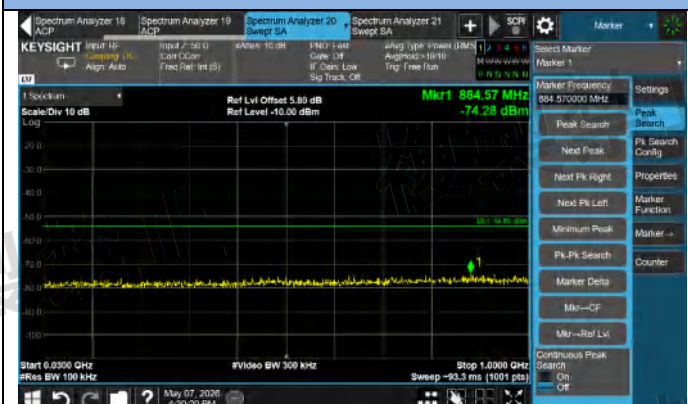
5300MHz (30 – 1000MHz)



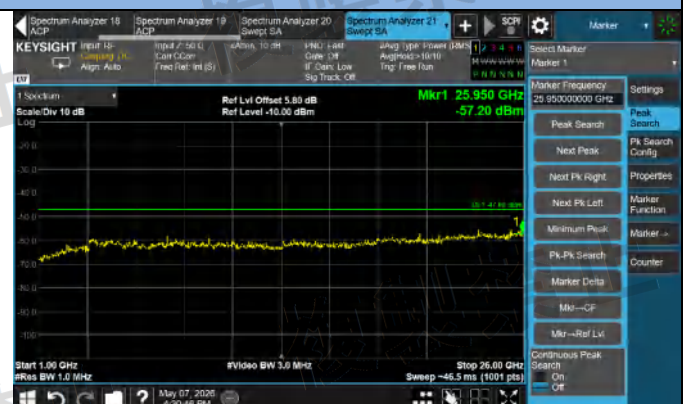
5300MHz (1 - 26GHz)



5320MHz (30 – 1000MHz)



5320MHz (1 - 26GHz)

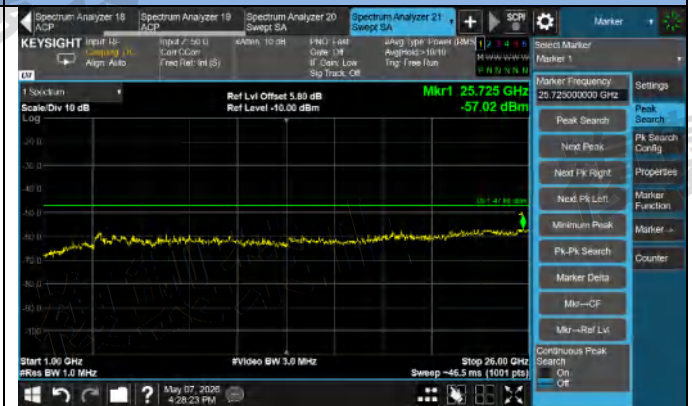


Test Plots - Normal Voltage

Brand_W53 IEEE 802.11ac(VHT20)

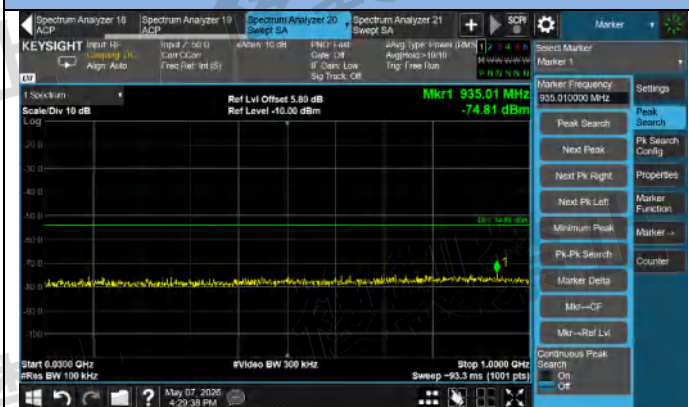
5260MHz (30 – 1000MHz)

5260MHz (1 - 26GHz)



5300MHz (30 – 1000MHz)

5300MHz (1 - 26GHz)



5320MHz (30 – 1000MHz)

5320MHz (1 - 26GHz)



Test Plots - Normal Voltage

Brand_W53 IEEE 802.11n(HT40)

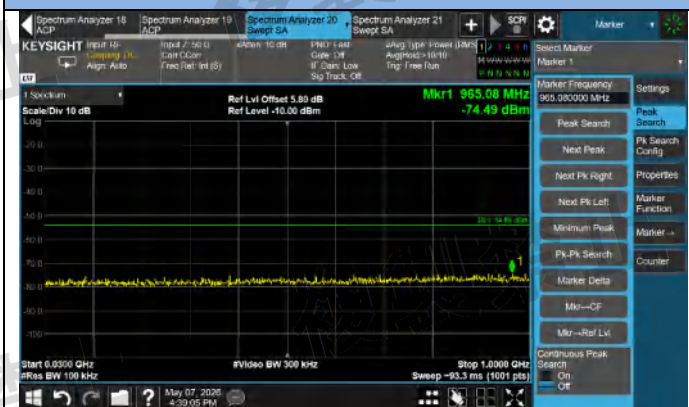
5270MHz (30 – 1000MHz)

5270MHz (1 - 26GHz)



5310MHz (30 – 1000MHz)

5310MHz (1 - 26GHz)

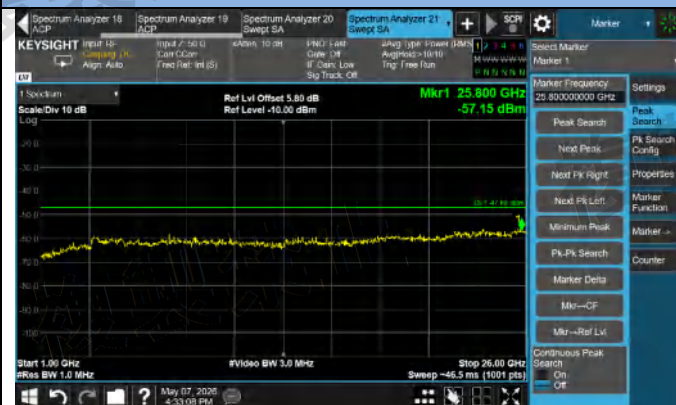


Test Plots - Normal Voltage

Brand_W53 IEEE 802.11ac(VHT40)

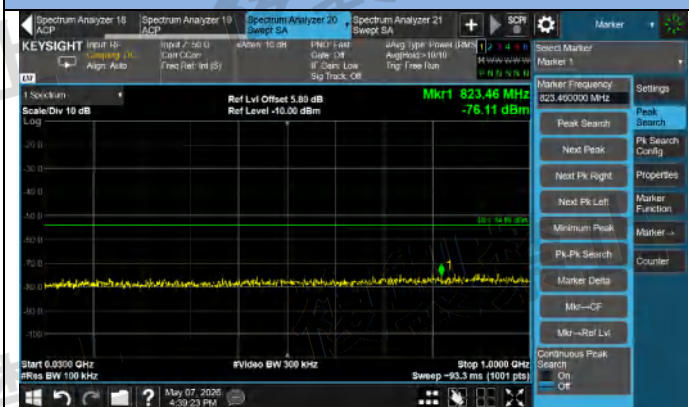
5270MHz (30 – 1000MHz)

5270MHz (1 - 26GHz)



5310MHz (30 – 1000MHz)

5310MHz (1 - 26GHz)



Test Plots - Normal Voltage

Brand_W53 IEEE 802.11ac(VHT80)

5290MHz (30 – 1000MHz)

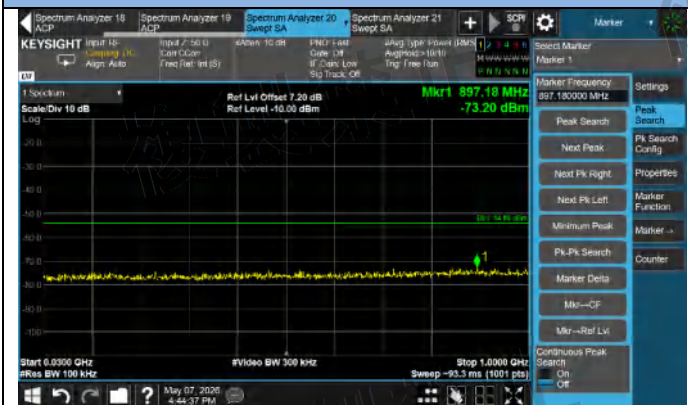
5290MHz (1 - 26GHz)



Test Plots - Normal Voltage

Brand_W56 IEEE 802.11a

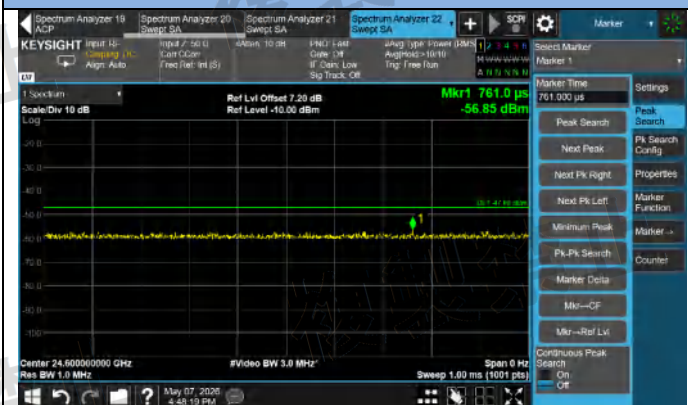
5500MHz (30 – 1000MHz)



5500MHz (1 - 26GHz) Peak



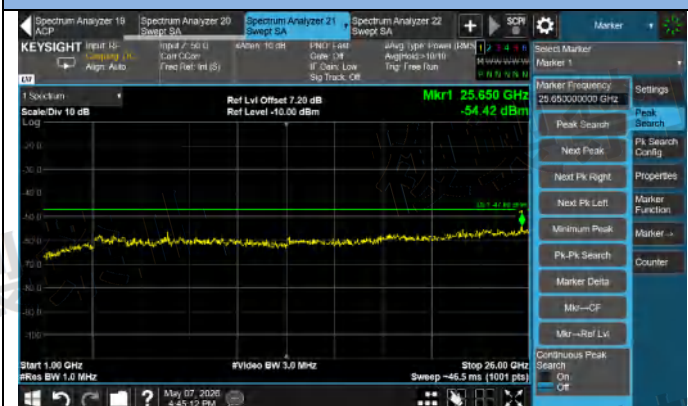
5500MHz (1 - 26GHz) AVG



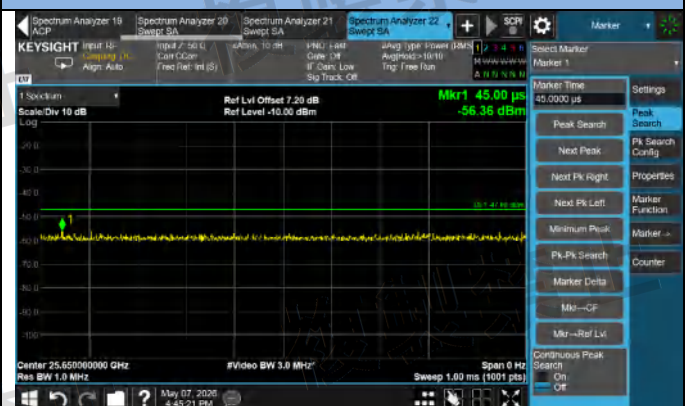
5600MHz (30 – 1000MHz)

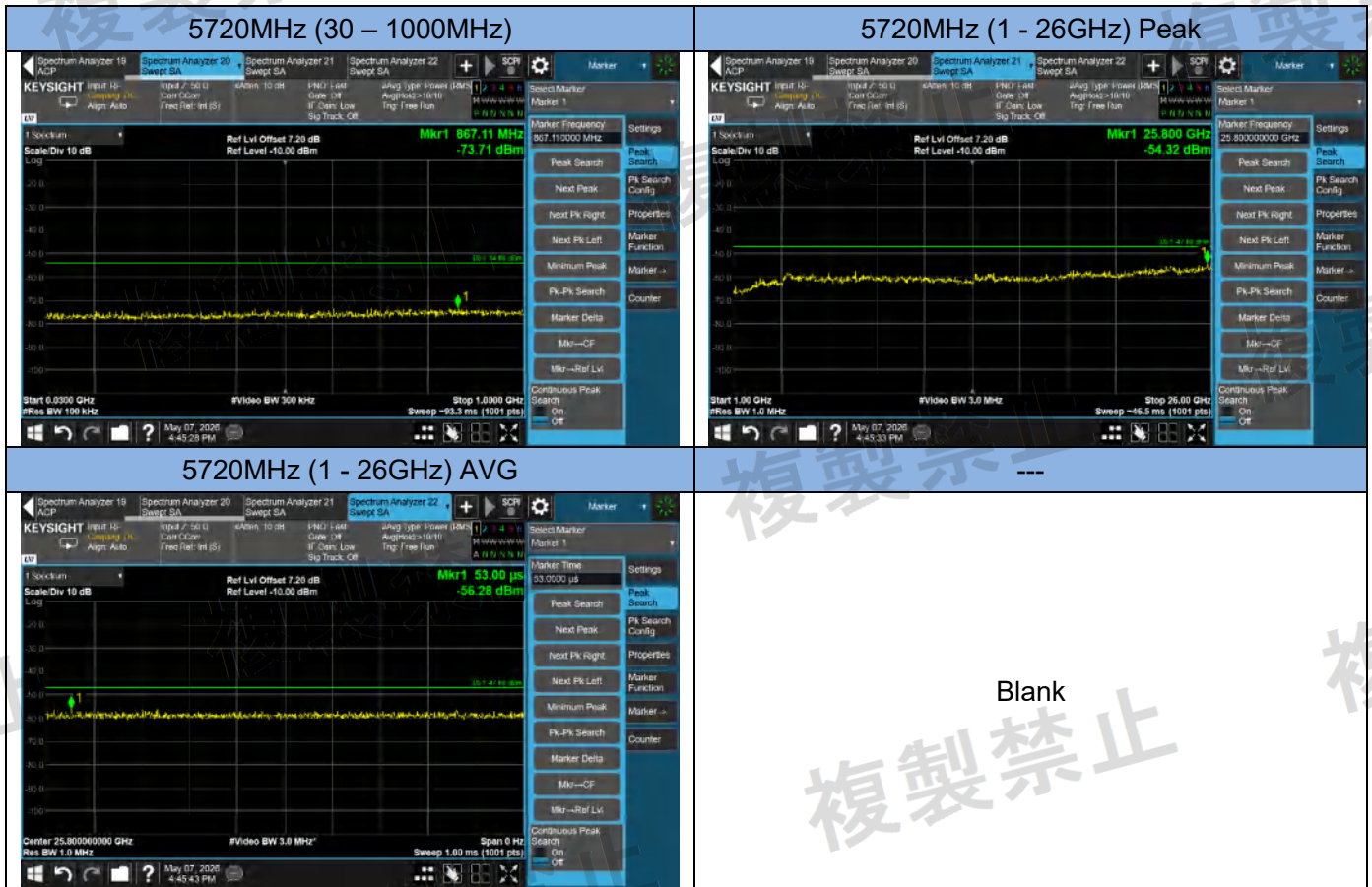


5600MHz (1 - 26GHz) Peak



5600MHz (1 - 26GHz) AVG





Test Plots - Normal Voltage

Brand_W56 IEEE 802.11n(HT20)

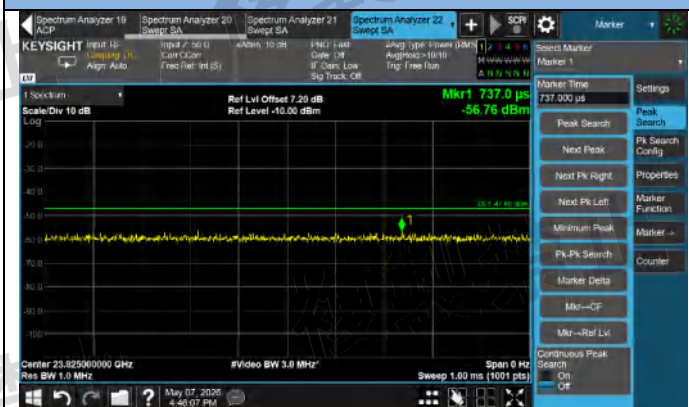
5500MHz (30 – 1000MHz)



5500MHz (1 - 26GHz) Peak



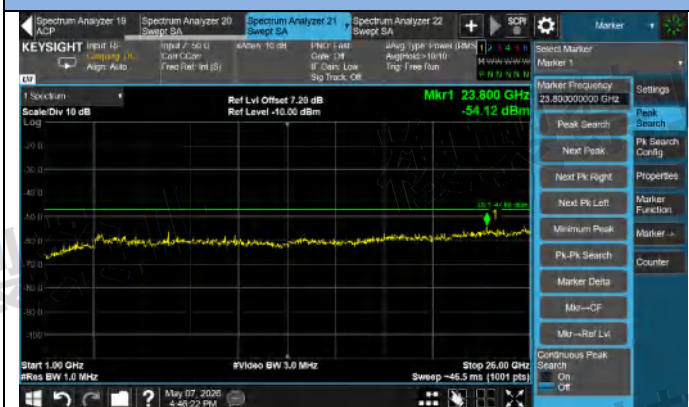
5500MHz (1 - 26GHz) AVG



5600MHz (30 – 1000MHz)

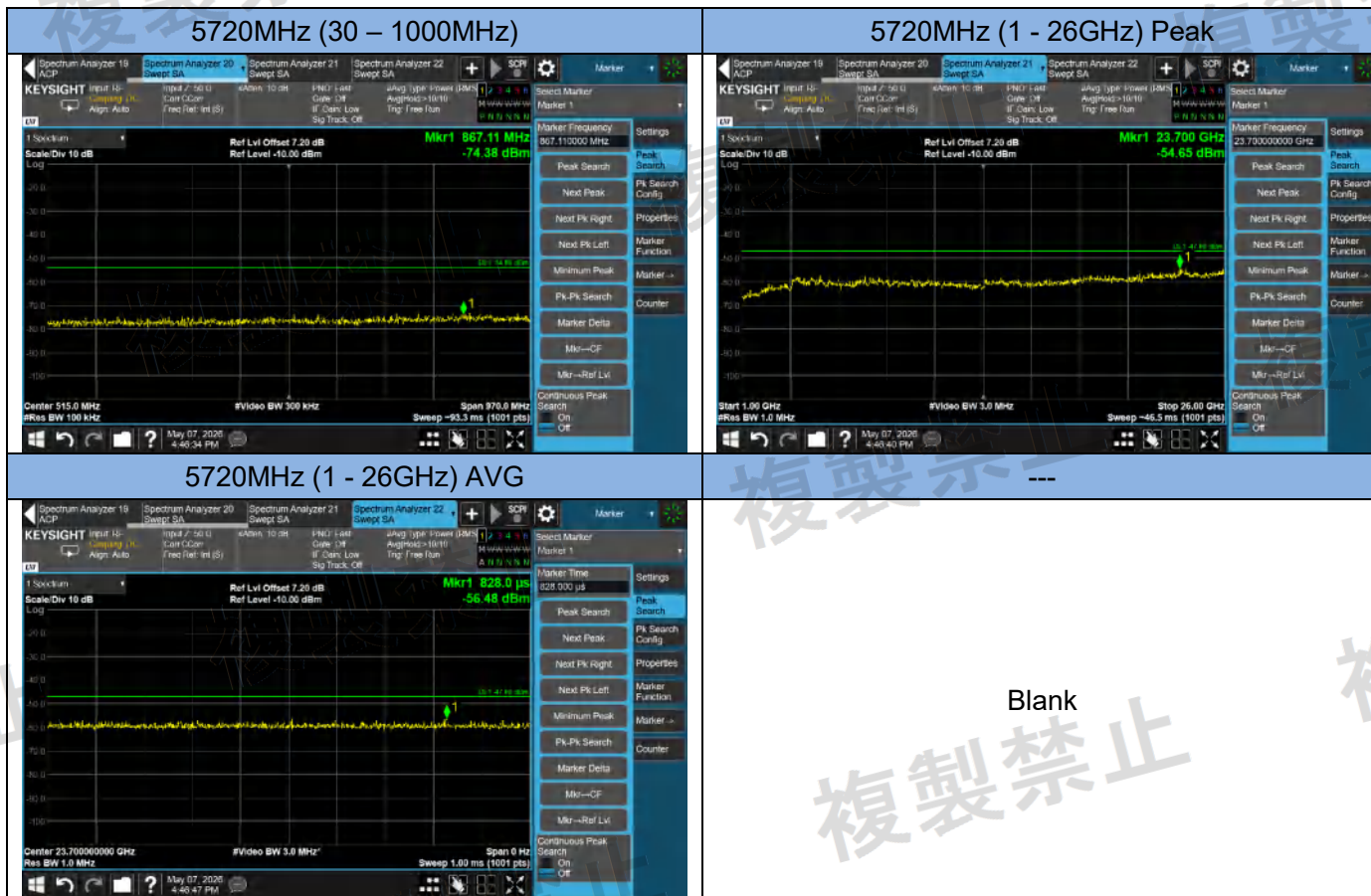


5600MHz (1 - 26GHz) Peak



5600MHz (1 - 26GHz) AVG





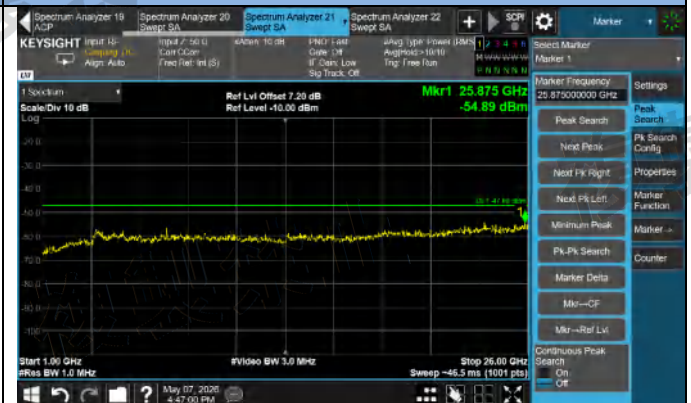
Test Plots - Normal Voltage

Brand_W56 IEEE 802.11ac(VHT20)

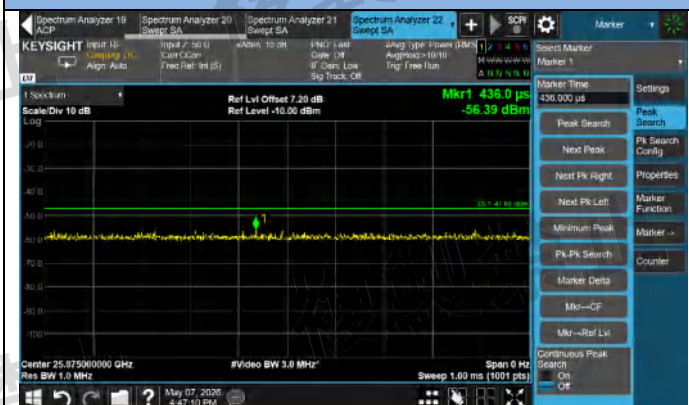
5500MHz (30 – 1000MHz)



5500MHz (1 - 26GHz) Peak



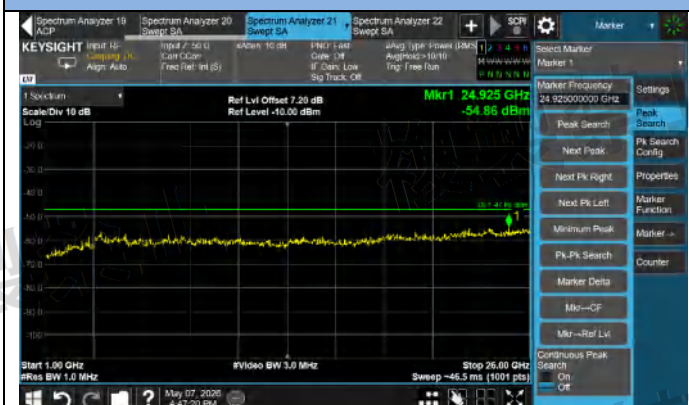
5500MHz (1 - 26GHz) AVG



5600MHz (30 – 1000MHz)

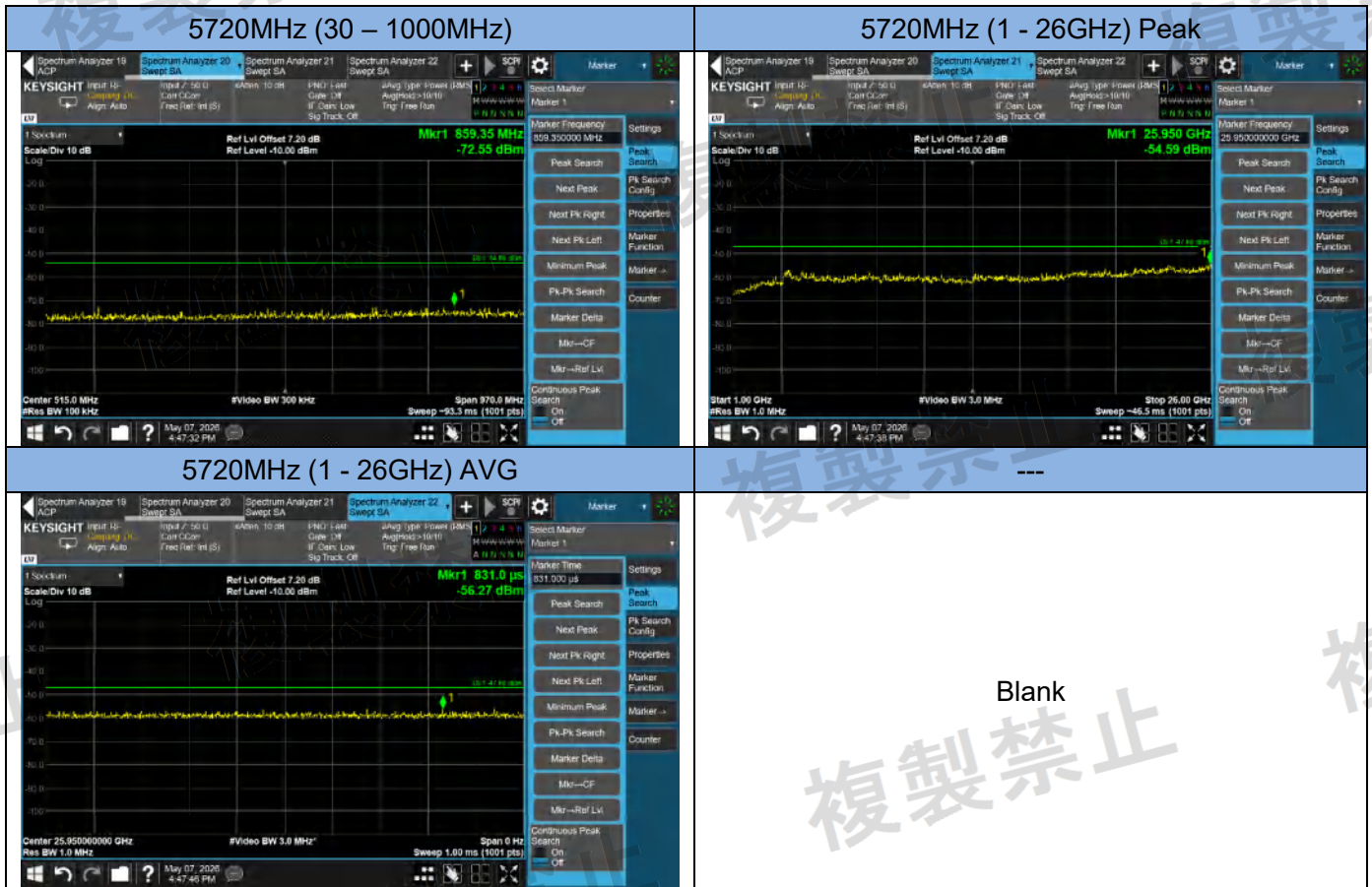


5600MHz (1 - 26GHz) Peak



5600MHz (1 - 26GHz) AVG





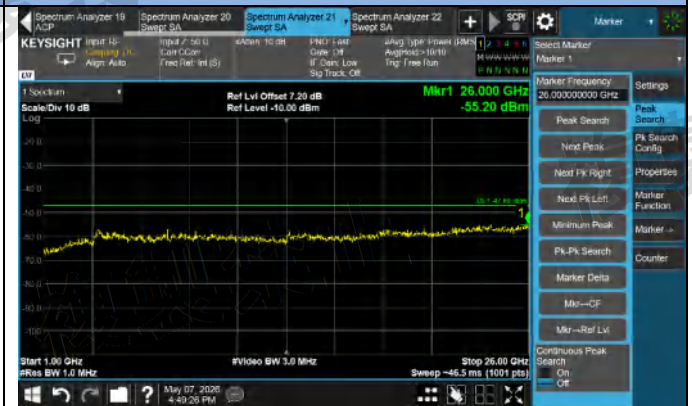
Test Plots - Normal Voltage

Brand_W56 IEEE 802.11n(HT40)

5500MHz (30 – 1000MHz)



5500MHz (1 - 26GHz) Peak



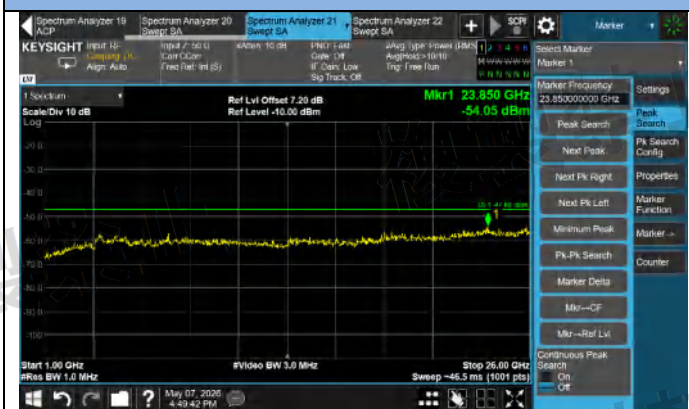
5500MHz (1 - 26GHz) AVG



5600MHz (30 – 1000MHz)

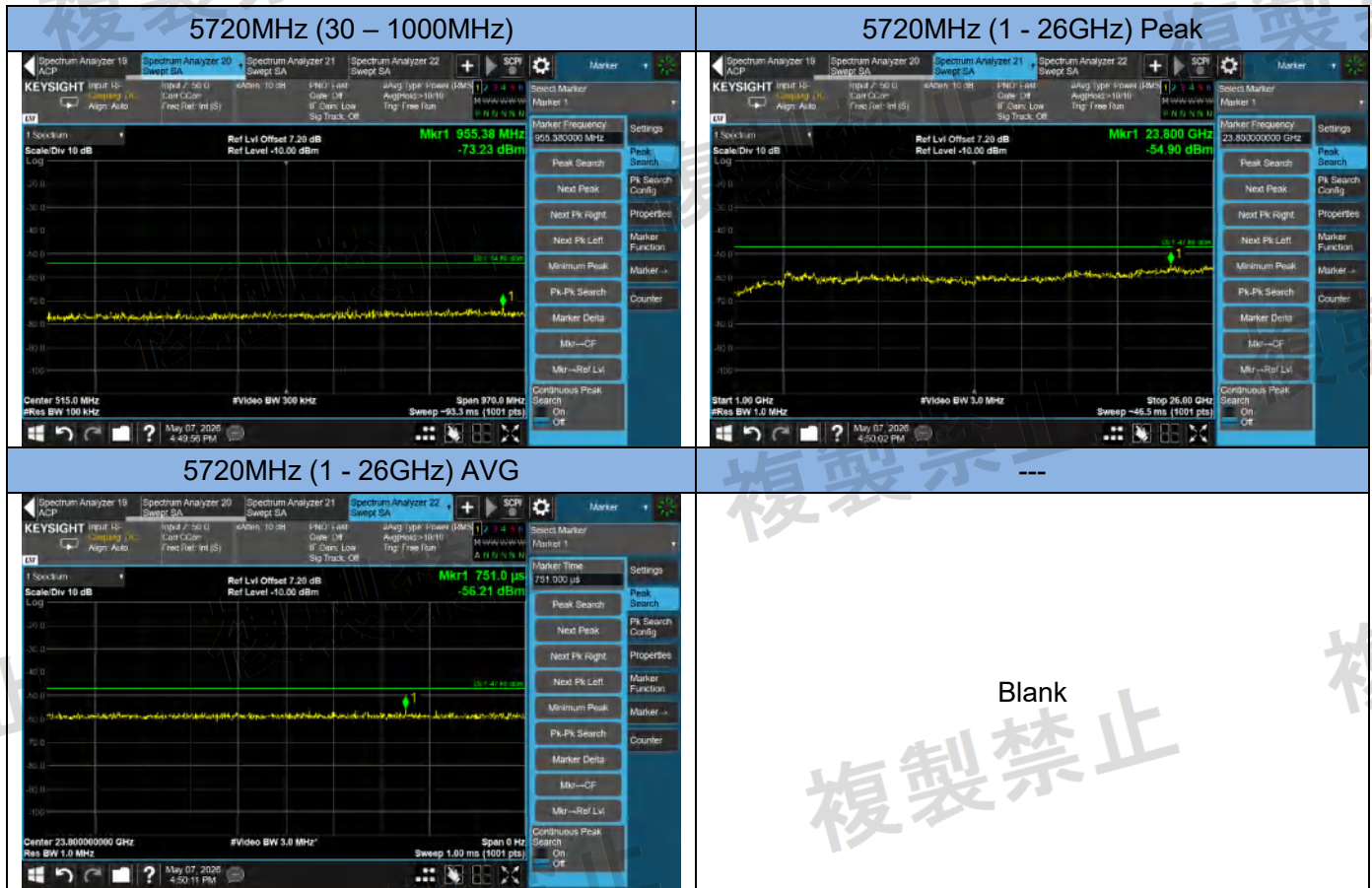


5600MHz (1 - 26GHz) Peak



5600MHz (1 - 26GHz) AVG





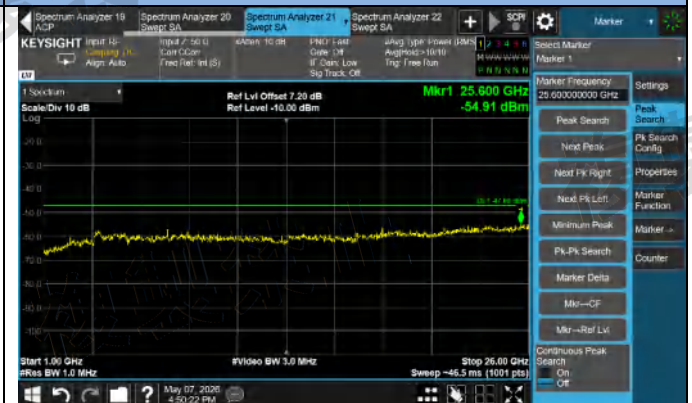
Test Plots - Normal Voltage

Brand_W56 IEEE 802.11ac(VHT40)

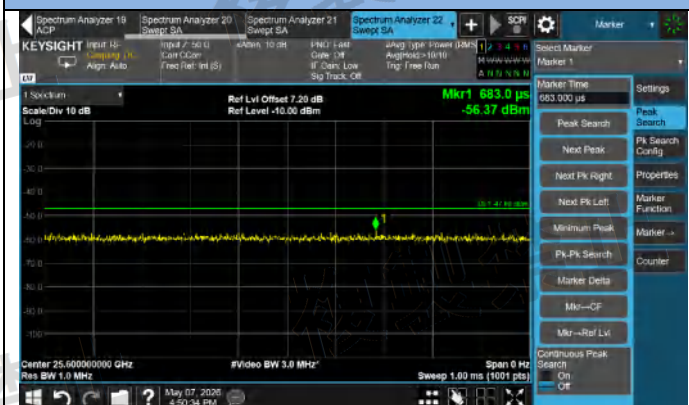
5500MHz (30 – 1000MHz)



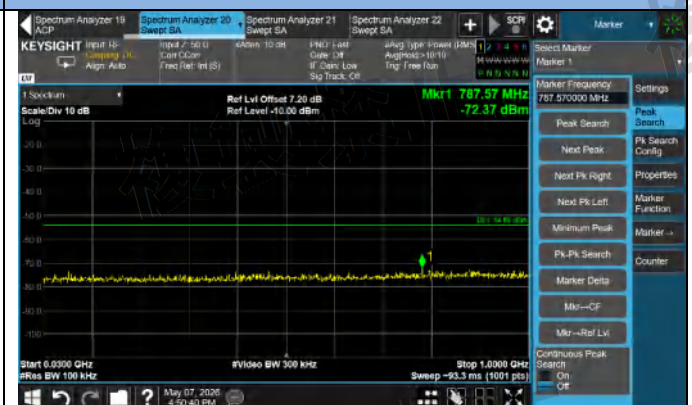
5500MHz (1 - 26GHz) Peak



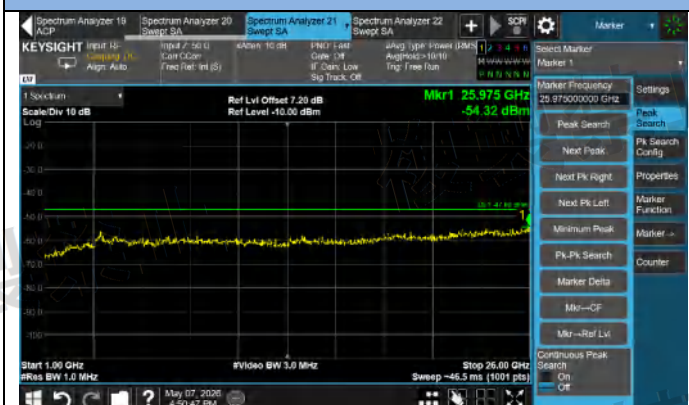
5500MHz (1 - 26GHz) AVG



5600MHz (30 – 1000MHz)

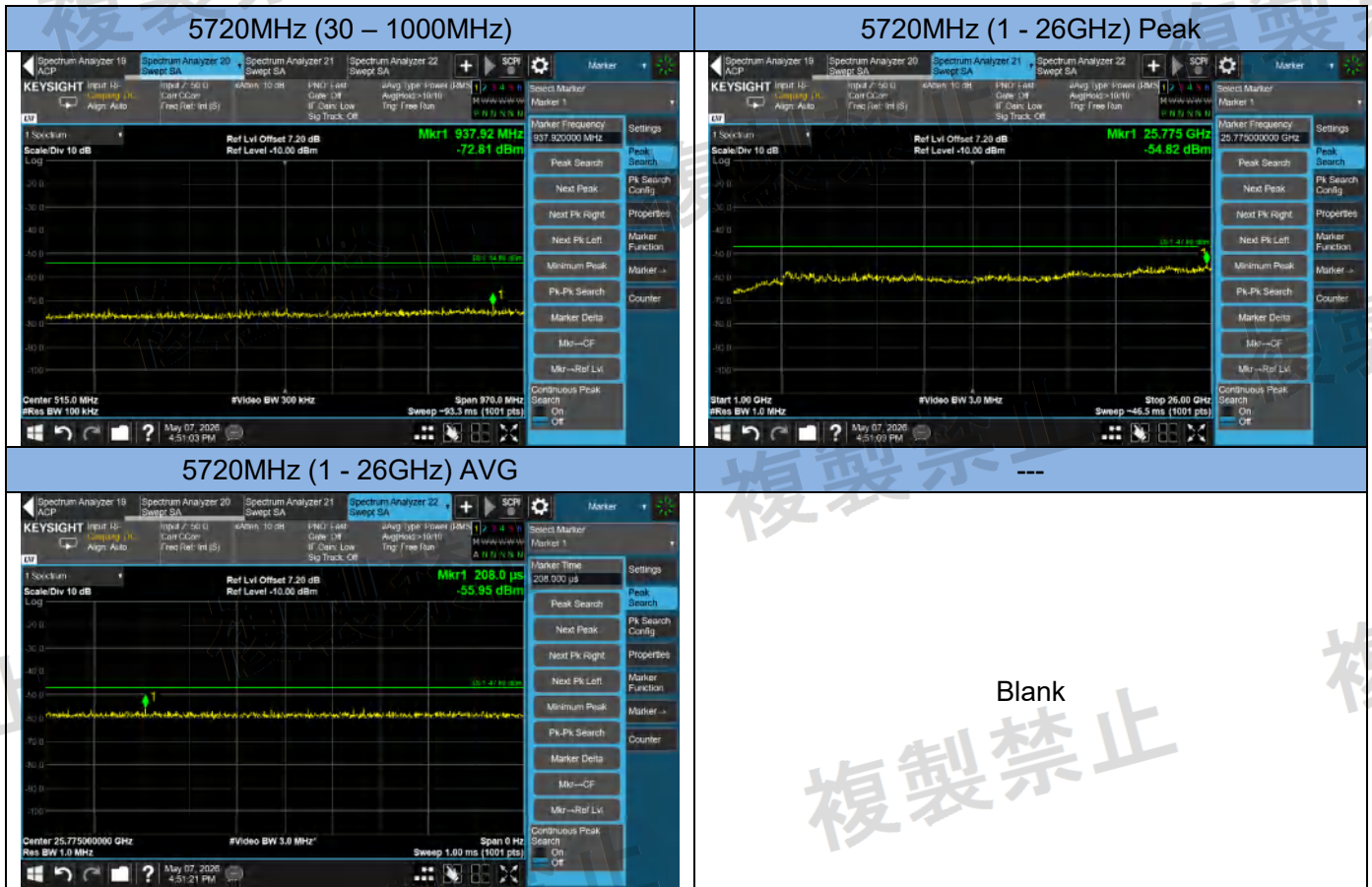


5600MHz (1 - 26GHz) Peak



5600MHz (1 - 26GHz) AVG





Test Plots - Normal Voltage

Brand_W56 IEEE 802.11ac(VHT80)

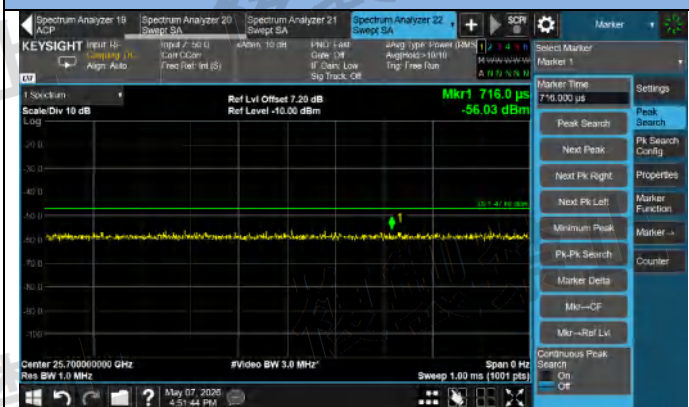
5500MHz (30 – 1000MHz)



5500MHz (1 - 26GHz) Peak



5500MHz (1 - 26GHz) AVG



5600MHz (30 – 1000MHz)

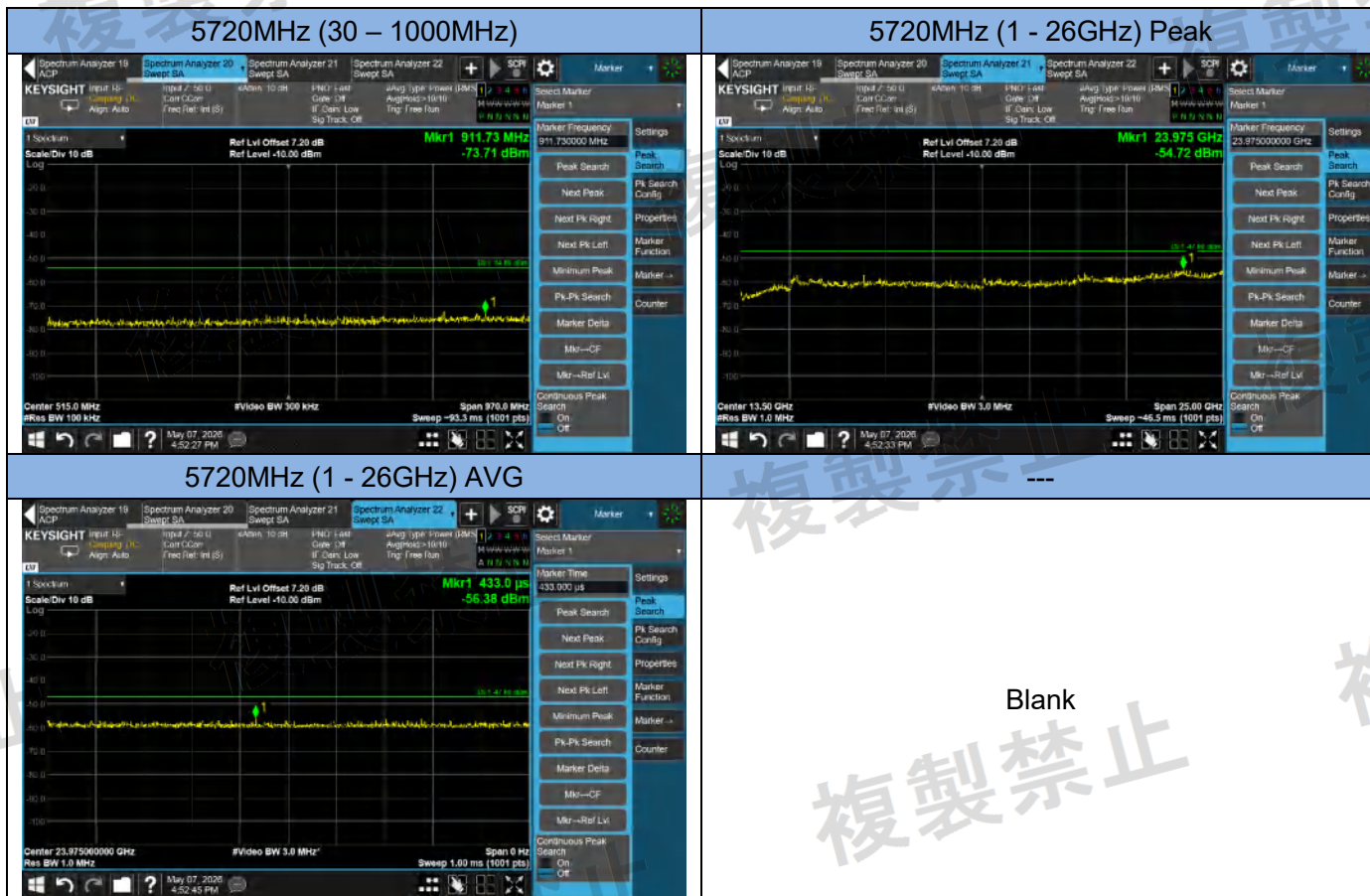


5600MHz (1 - 26GHz) Peak



5600MHz (1 - 26GHz) AVG





12.6 Antenna Power and Power Tolerance and E.I.R.P Measurement

LIMIT

Standard	Item	Limit	
Article 2-1 of Item 19-3	Antenna Power	10mW/MHz for DSSS 10mW/MHz for 20MHz 5mW/MHz for 40MHz 2.5mW/MHz for 80MHz 1.25mW/MHz for 80+80MHz 1.25mW/MHz for 160MHz	
	Antenna Power Error	+20%, -80% for W52, W53 +50%, -50% for W56	
	E.I.R.P.	W52	10mW/MHz for 20MHz system
			5mW/MHz for 40MHz system
			2.5mW/MHz for 80MHz system
		W53	10mW/MHz with TPC for 20MHz system 5mW/MHz without TPC for 20MHz system
			5.0mW/MHz with TPC for 40MHz system 2.5mW/MHz without TPC for 40MHz system
			2.5mW/MHz with TPC for 80MHz system 1.25mW/MHz without TPC for 80MHz system
	W56	50mW/MHz with TPC for 20MHz system 25mW/MHz without TPC for 20MHz system	
		25mW/MHz with TPC for 40MHz system 12.5mW/MHz without TPC for 40MHz system	
12.5mW/MHz with TPC for 80MHz system 6.25mW/MHz without TPC for 80MHz system			
Note: This product without TPC function.			

BLOCK DIAGRAM OF TEST SETUP

