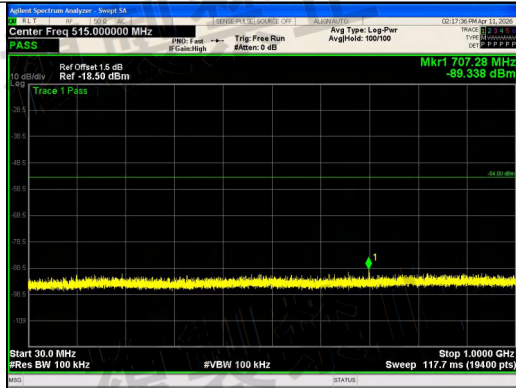
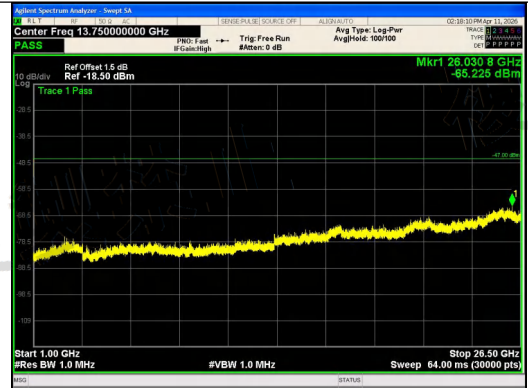
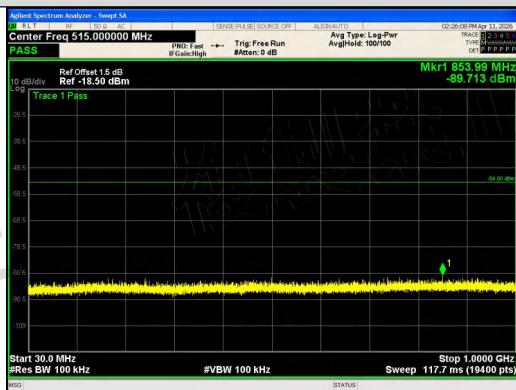




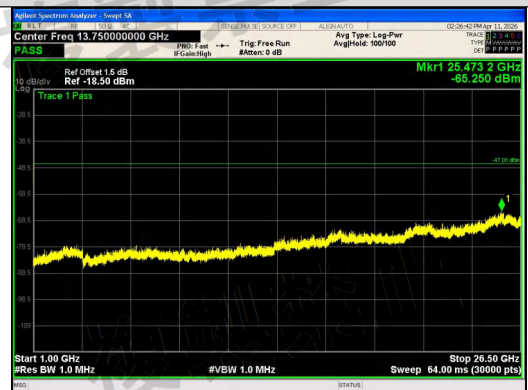
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11ac_160_Channel 114



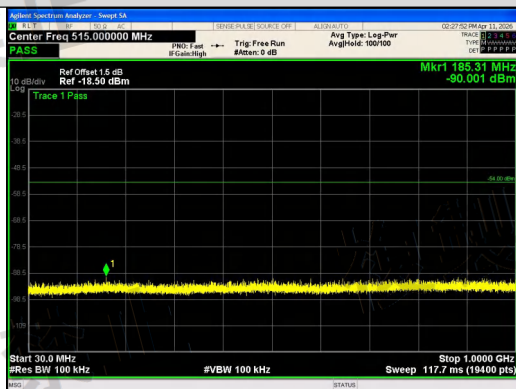
> 1GHz
NT/NV_Total_IEEE 802.11ac_160_Channel 114



30MHz - 1000MHz
NT/NV_Total_IEEE 802.11ax_20_Channel
100_RU&Index SU



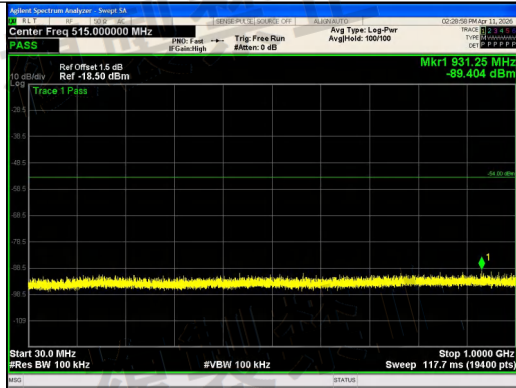
> 1GHz
NT/NV_Total_IEEE 802.11ax_20_Channel
100_RU&Index SU



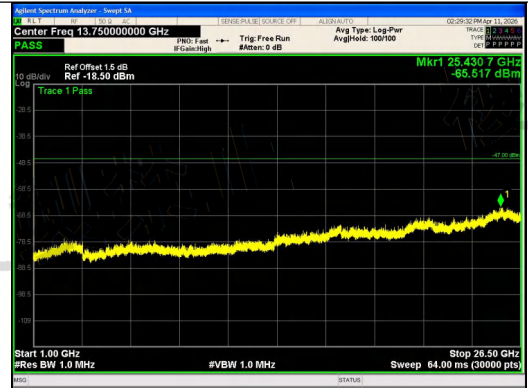
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11ax_20_Channel
120_RU&Index SU



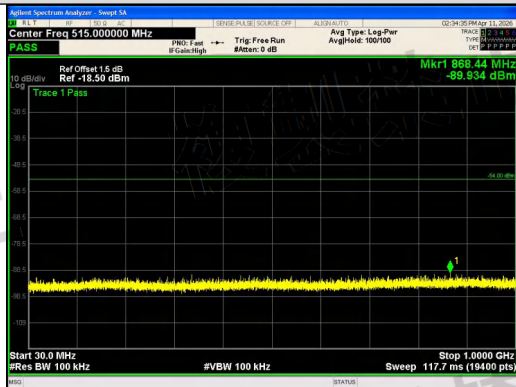
> 1GHz
NT/NV_Total_IEEE 802.11ax_20_Channel
120_RU&Index SU



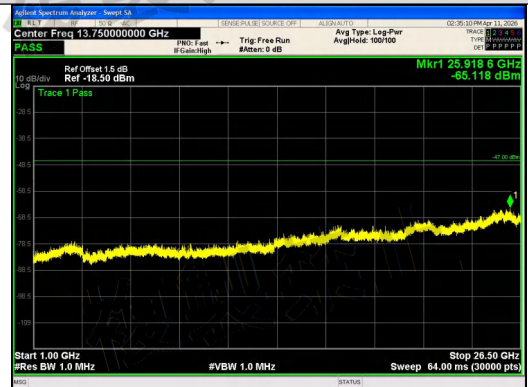
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11ax_20_Channel
144_RU&Index SU



> 1GHz
NT/NV_Total_IEEE 802.11ax_20_Channel
144_RU&Index SU



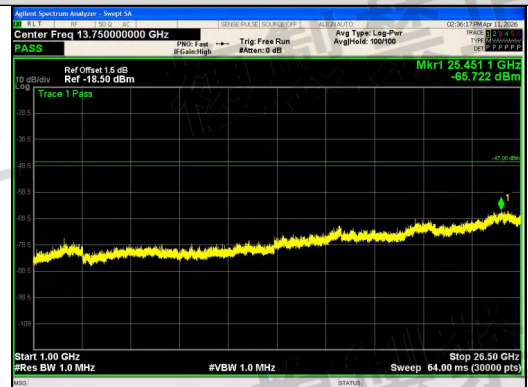
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11ax_40_Channel
102_RU&Index SU



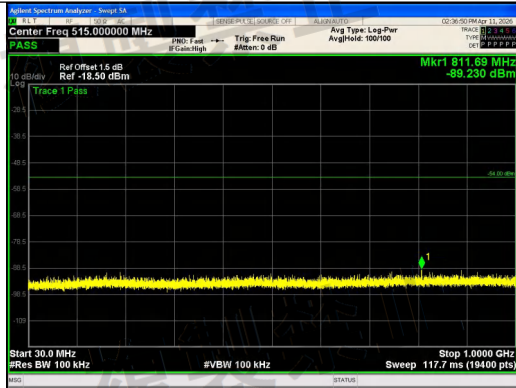
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NT/NV_Total_IEEE 802.11ax_40_Channel
102_RU&Index SU



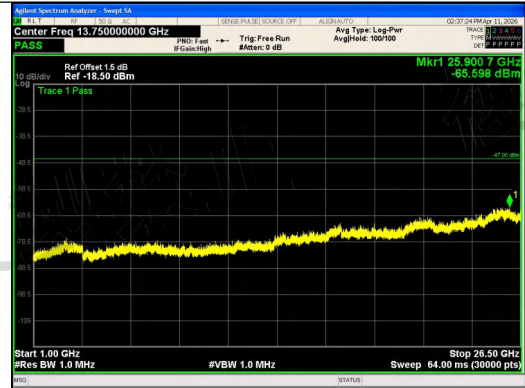
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11ax_40_Channel
118_RU&Index SU



> 1GHz
NT/NV_Total_IEEE 802.11ax_40_Channel
118_RU&Index SU



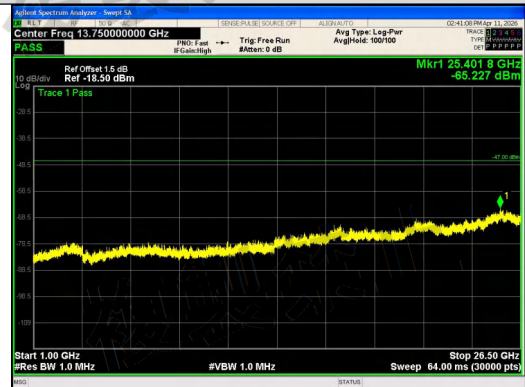
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11ax_40_Channel
142_RU&Index SU



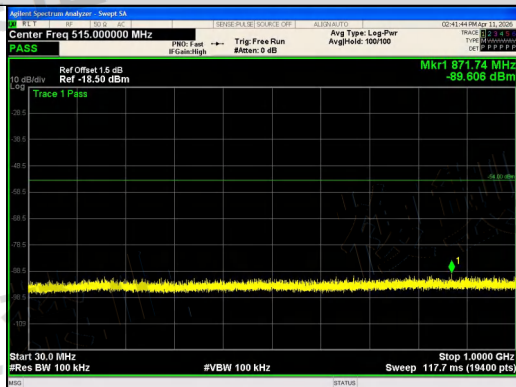
> 1GHz
NT/NV_Total_IEEE 802.11ax_40_Channel
142_RU&Index SU



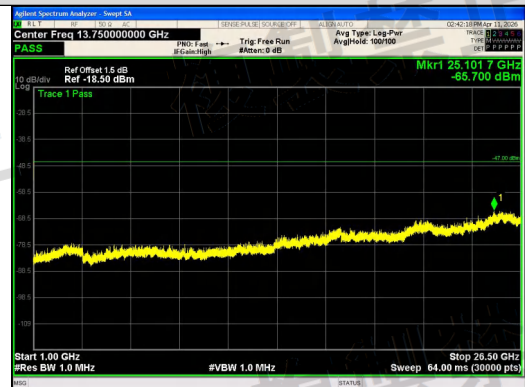
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11ax_80_Channel
106_RU&Index SU



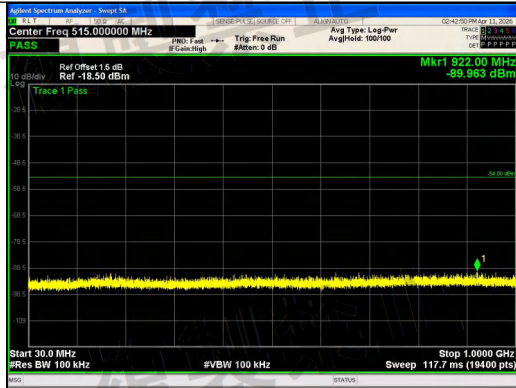
> 1GHz
NT/NV_Total_IEEE 802.11ax_80_Channel
106_RU&Index SU



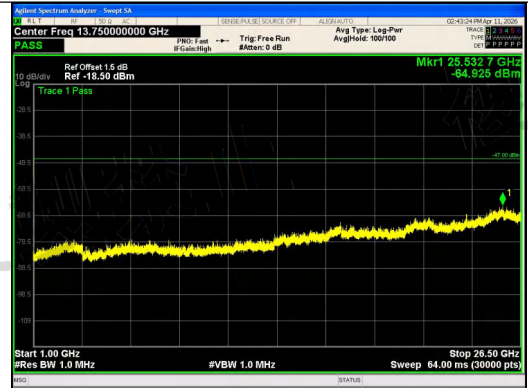
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11ax_80_Channel
122_RU&Index SU



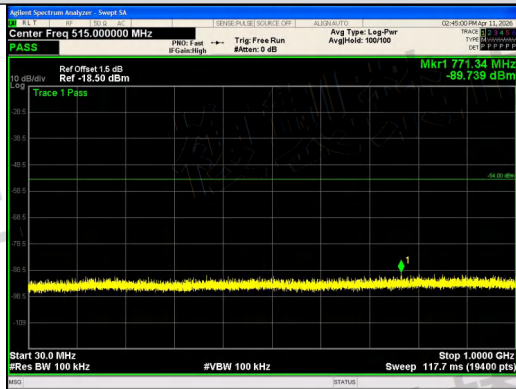
> 1GHz
NT/NV_Total_IEEE 802.11ax_80_Channel
122_RU&Index SU



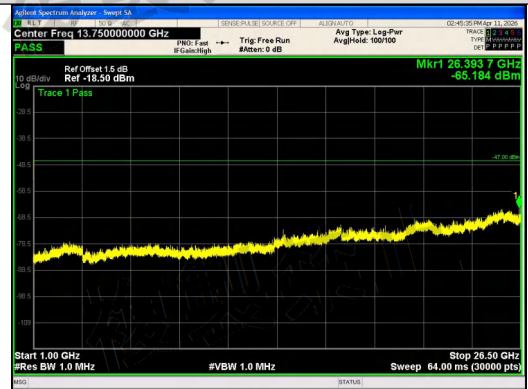
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11ax_80_Channel
138_RU&Index SU



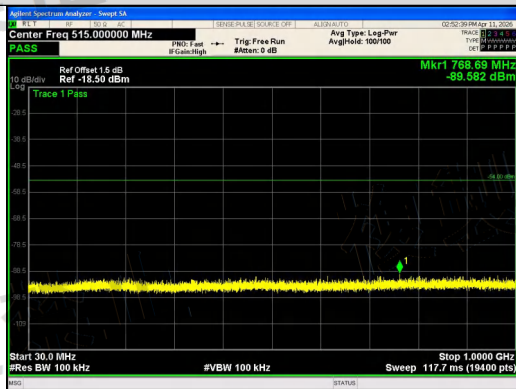
> 1GHz
NT/NV_Total_IEEE 802.11ax_80_Channel
138_RU&Index SU



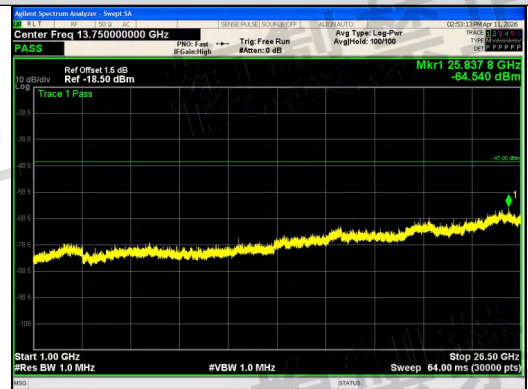
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11ax_160_Channel
114_RU&Index SU



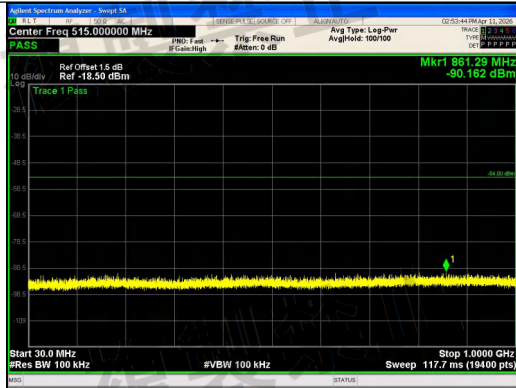
> 1GHz
NT/NV_Total_IEEE 802.11ax_160_Channel
114_RU&Index SU



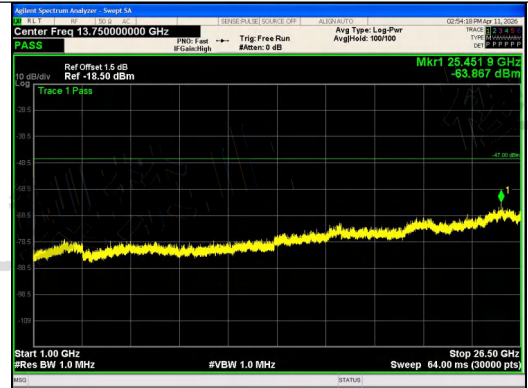
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11be_20_Channel
100_RU&Index SU



> 1GHz
NT/NV_Total_IEEE 802.11be_20_Channel
100_RU&Index SU



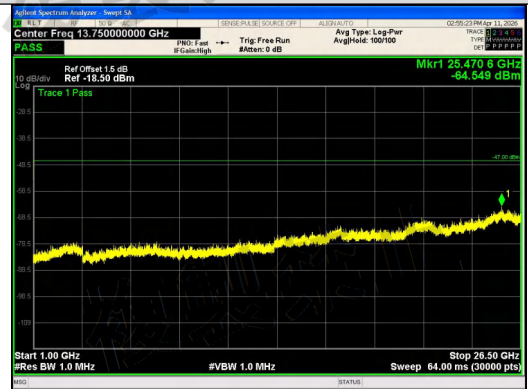
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11be_20_Channel
120_RU&Index SU



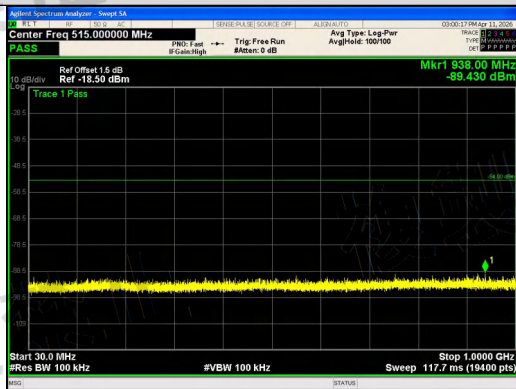
> 1GHz
NT/NV_Total_IEEE 802.11be_20_Channel
120_RU&Index SU



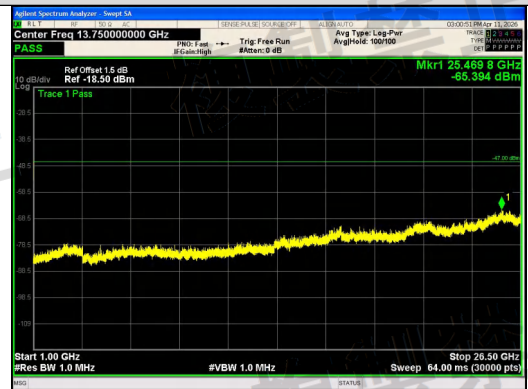
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11be_20_Channel
144_RU&Index SU



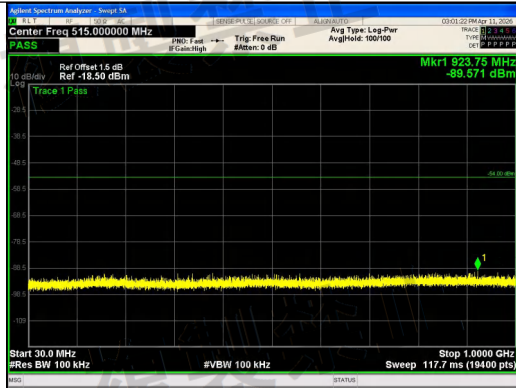
> 1GHz
NT/NV_Total_IEEE 802.11be_20_Channel
144_RU&Index SU



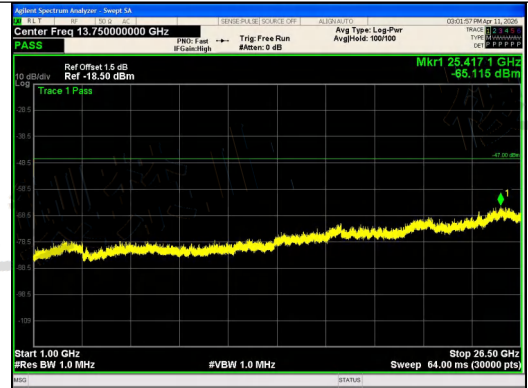
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11be_40_Channel
102_RU&Index SU



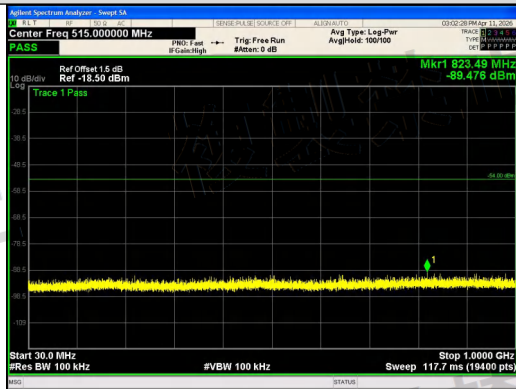
> 1GHz
NT/NV_Total_IEEE 802.11be_40_Channel
102_RU&Index SU



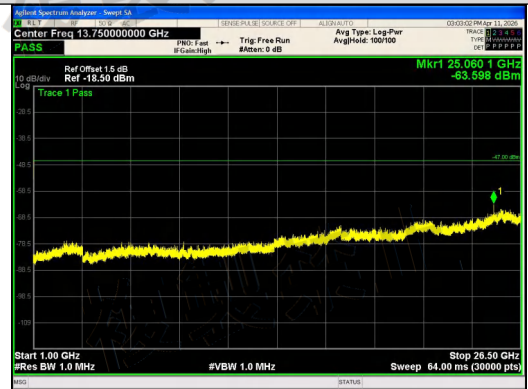
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11be_40_Channel
118_RU&Index SU



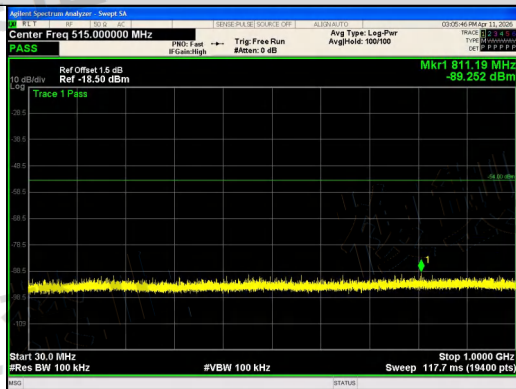
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NT/NV_Total_IEEE 802.11be_40_Channel
118_RU&Index SU



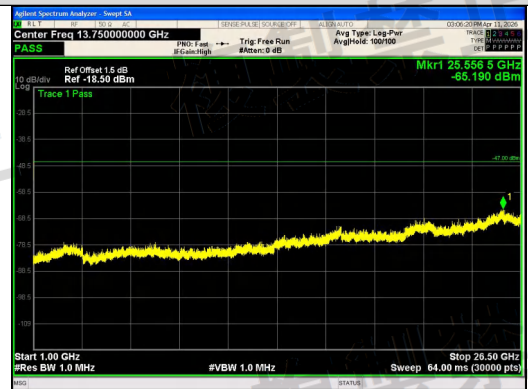
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11be_40_Channel
142_RU&Index SU



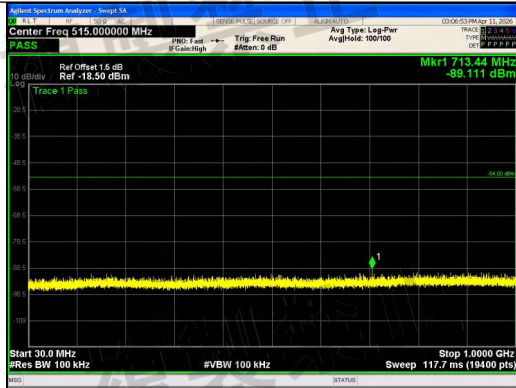
> 1GHz
NT/NV_Total_IEEE 802.11be_40_Channel
142_RU&Index SU



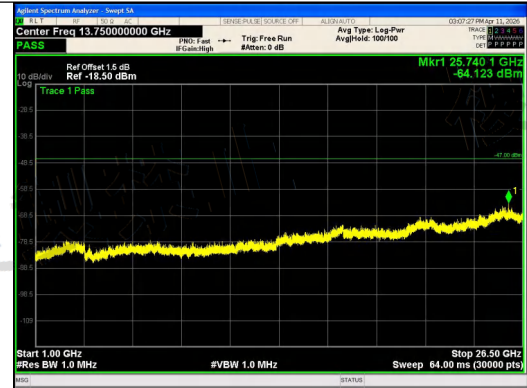
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11be_80_Channel
106_RU&Index SU



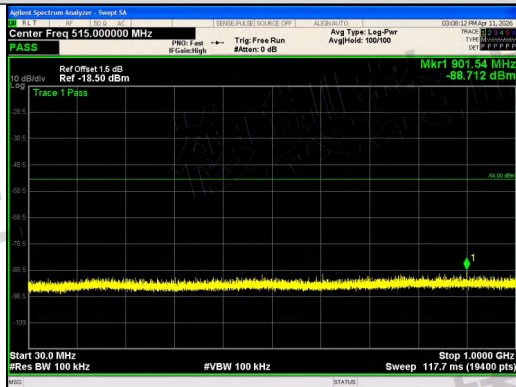
> 1GHz
NT/NV_Total_IEEE 802.11be_80_Channel
106_RU&Index SU



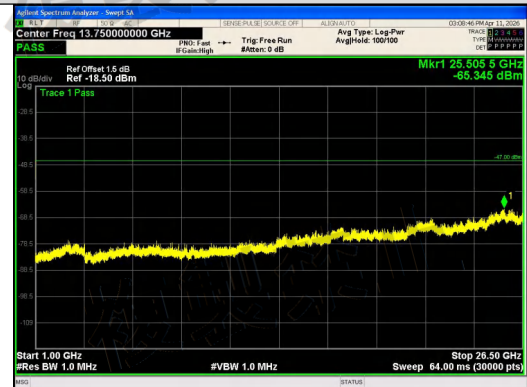
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11be_80_Channel
122_RU&Index SU



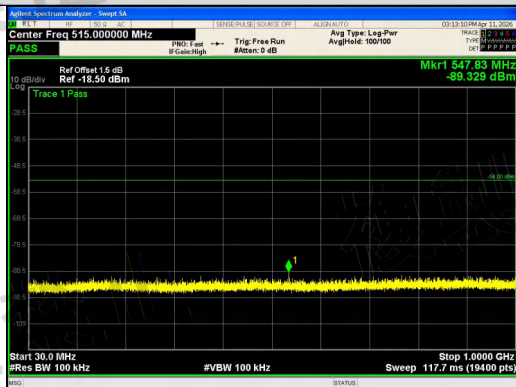
> 1GHz
NT/NV_Total_IEEE 802.11be_80_Channel
122_RU&Index SU



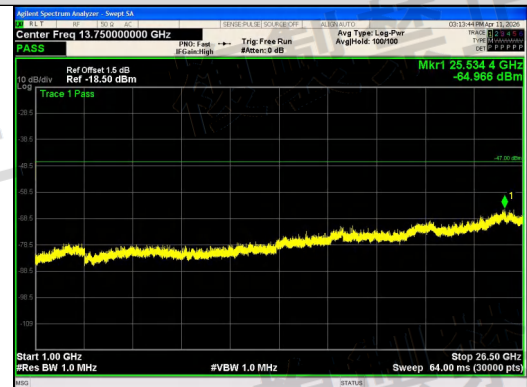
30MHz - 1000MHz
NT/NV_Total_IEEE 802.11be_80_Channel
138_RU&Index SU



> 1GHz
NT/NV_Total_IEEE 802.11be_80_Channel
138_RU&Index SU



30MHz - 1000MHz
NT/NV_Total_IEEE 802.11be_160_Channel
114_RU&Index SU



> 1GHz
NT/NV_Total_IEEE 802.11be_160_Channel
114_RU&Index SU

7. Adjacent Channel Power Tolerance Test Result

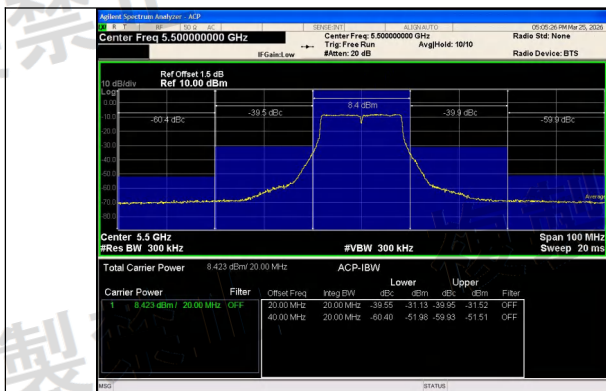
Note:

In the report, only the data from the worst 5GHz WIFI Omnidirectional Antenna Mode_antenna 0 is recorded.

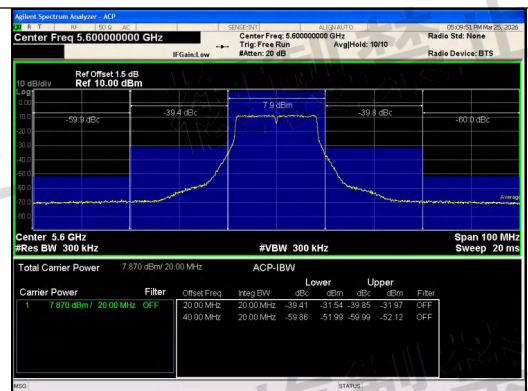
Condition	Mode	Ch.	RU & Index	Antenna	Offset Frequency (MHz)	Integ BW (MHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)	Result
NT/NV	IEEE 802.11a	100	N/A	0	20	20	-39.55	-39.95	-25	PASS
		40			20	-60.4	-59.93	-40	PASS	
		20			20	-39.41	-39.85	-25	PASS	
		40			20	-59.86	-59.99	-40	PASS	
		20			20	-39.62	-39.33	-25	PASS	
		40			20	-60.12	-58.83	-40	PASS	
	IEEE 802.11n_20	100			20	20	-37.45	-37.73	-25	PASS
		40			20	-59.62	-59.4	-40	PASS	
		20			20	-37.46	-37.8	-25	PASS	
		40			20	-59.67	-59.8	-40	PASS	
		20			20	-37.95	-37.24	-25	PASS	
		40			20	-60.48	-59.3	-40	PASS	
	IEEE 802.11n_40	102			40	40	-43.27	-43.29	-25	PASS
		80			40	-59.86	-58.04	-40	PASS	
		40			40	-43.37	-43.0	-25	PASS	
		80			40	-59.94	-58.23	-40	PASS	
		40			40	-43.67	-42.71	-25	PASS	
		80			40	-59.29	-57.89	-40	PASS	
	IEEE 802.11ac_20	100			20	20	-37.21	-37.77	-25	PASS
		40			20	-60.87	-60.27	-40	PASS	
		20			20	-37.13	-37.68	-25	PASS	
		40			20	-61.19	-60.25	-40	PASS	
		20			20	-37.64	-37.92	-25	PASS	
		40			20	-60.86	-60.42	-40	PASS	
	IEEE 802.11ac_40	102			40	40	-42.53	-43.37	-25	PASS
		80			40	-59.69	-58.09	-40	PASS	
		40			40	-43.1	-43.26	-25	PASS	
		80			40	-59.6	-58.22	-40	PASS	
		40			40	-43.27	-42.7	-25	PASS	
		80			40	-59.35	-57.81	-40	PASS	
	IEEE 802.11ac_80	106			80	80	-43.4	-43.69	-25	PASS
		160			80	-57.49	-55.15	-25	PASS	
		80			80	-43.63	-44.25	-25	PASS	
		160			80	-57.78	-54.9	-25	PASS	
		80			80	-43.43	-43.59	-25	PASS	
		160			80	-57.21	-55.57	-25	PASS	
	IEEE 802.11ac_160	114			160	160	-43.2	-43.33	-25	PASS
					320	160	-56.43	-53.89	-25	PASS
	IEEE 802.11ax_20	100	SU		20	20	-38.94	-39.74	-25	PASS
		40			20	-60.87	-60.24	-40	PASS	
		20			20	-38.49	-40.08	-25	PASS	
		40			20	-61.14	-60.29	-40	PASS	
		20			20	-39.21	-39.69	-25	PASS	
		40			20	-60.95	-60.48	-40	PASS	
	IEEE 802.11ax_40	102			40	40	-44.28	-45.63	-25	PASS
					80	40	-59.58	-58.27	-40	PASS
		118			40	40	-44.49	-44.71	-25	PASS

				80	40	-59.86	-58.24	-40	PASS
				40	40	-44.27	-44.48	-25	PASS
				80	40	-57.52	-56.11	-40	PASS
				80	80	-45.9	-45.95	-25	PASS
				160	80	-57.56	-54.96	-25	PASS
				80	80	-45.5	-46.08	-25	PASS
				160	80	-57.83	-54.36	-25	PASS
				80	80	-45.36	-44.96	-25	PASS
				160	80	-57.12	-55.01	-25	PASS
				160	160	-44.92	-45.34	-25	PASS
				320	160	-56.52	-53.64	-25	PASS
				20	20	-38.4	-39.52	-25	PASS
				40	20	-60.04	-59.75	-40	PASS
				20	20	-38.94	-39.95	-25	PASS
				40	20	-59.99	-59.22	-40	PASS
				20	20	-38.59	-40.36	-25	PASS
				40	20	-60.22	-59.61	-40	PASS
				40	40	-44.2	-44.63	-25	PASS
				80	40	-59.25	-57.92	-40	PASS
				40	40	-44.75	-44.52	-25	PASS
				80	40	-59.65	-58.01	-40	PASS
				40	40	-44.96	-44.5	-25	PASS
				80	40	-59.14	-57.19	-40	PASS
				80	80	-45.21	-46.32	-25	PASS
				160	80	-57.39	-54.87	-25	PASS
				80	80	-44.53	-45.9	-25	PASS
				160	80	-57.73	-54.2	-25	PASS
				80	80	-44.79	-45.06	-25	PASS
				160	80	-56.88	-54.93	-25	PASS
				160	160	-44.32	-45.34	-25	PASS
				320	160	-56.41	-53.71	-25	PASS

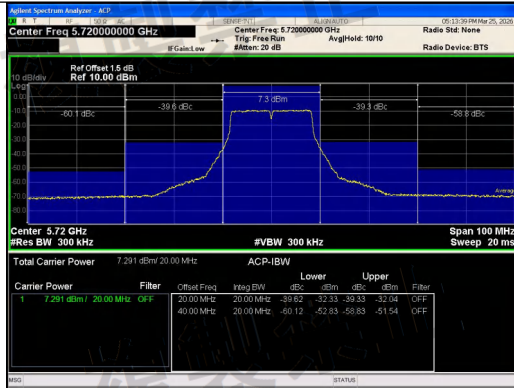
Test Graphs



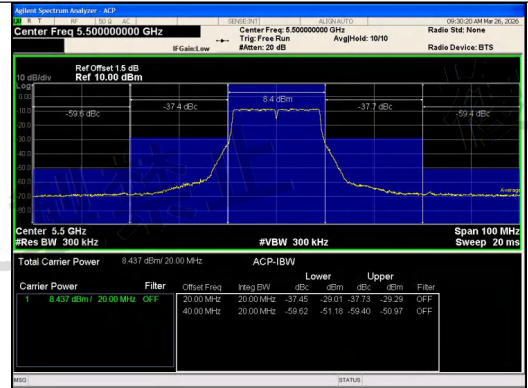
NT/NV_Antenna 0_IEEE 802.11a_Channel 100



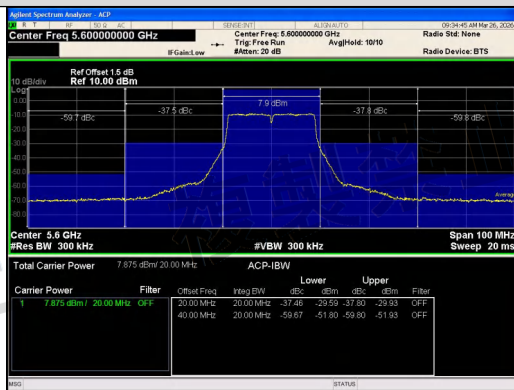
NT/NV_Antenna 0_IEEE 802.11a_Channel 120



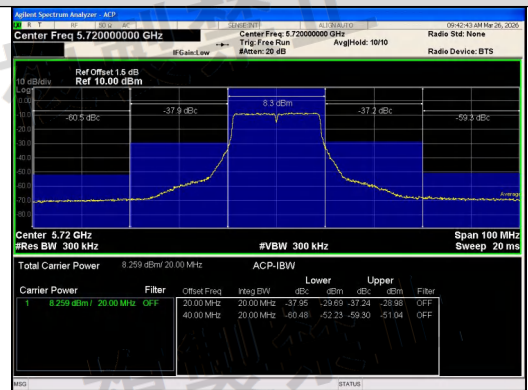
NT/NV_Antenna 0_IEEE 802.11a_Channel 144



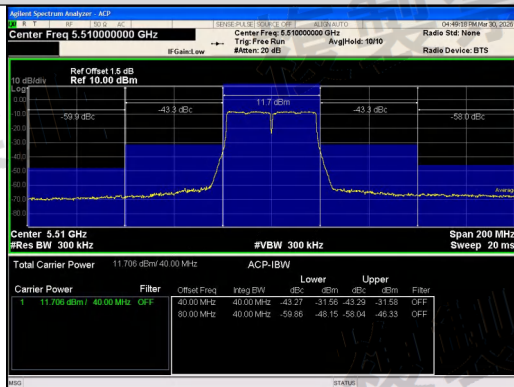
NT/NV_Antenna 0_IEEE 802.11n_20_Channel 100



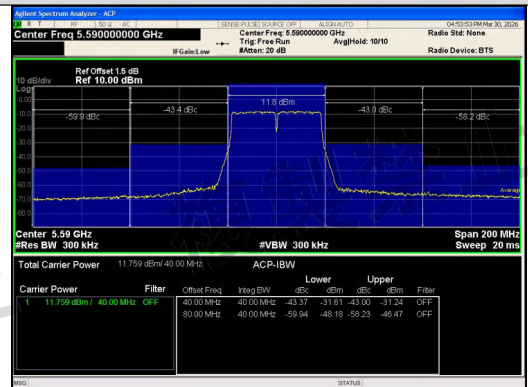
NT/NV_Antenna 0_IEEE 802.11n_20_Channel 120



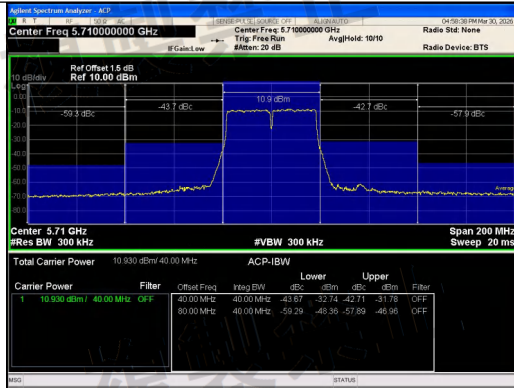
NT/NV_Antenna 0_IEEE 802.11n_20_Channel 144



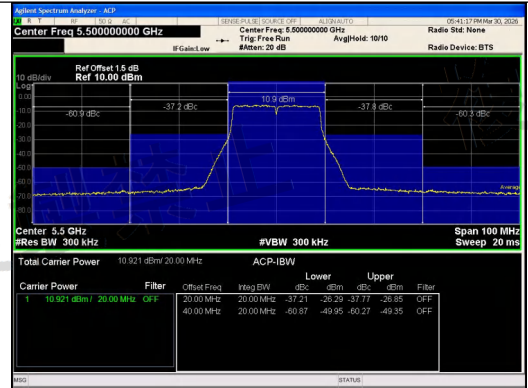
NT/NV_Antenna 0_IEEE 802.11n_40_Channel 102



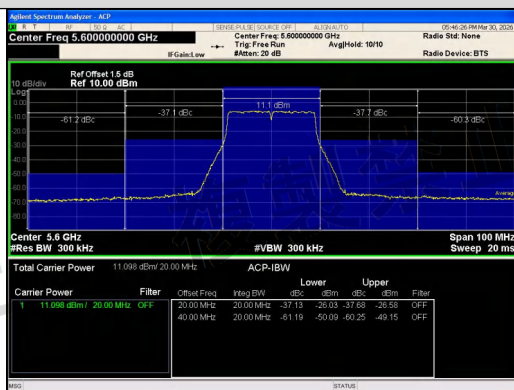
NT/NV_Antenna 0_IEEE 802.11n_40_Channel 118



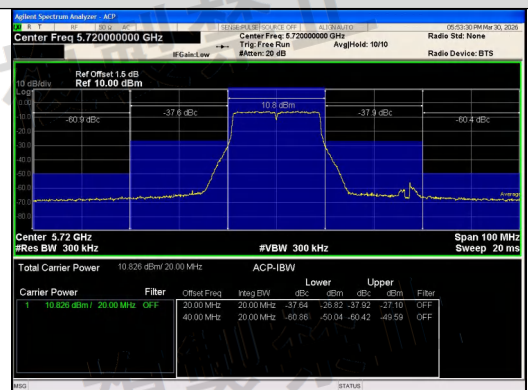
NT/NV_Antenna 0_IEEE 802.11n_40_Channel 142



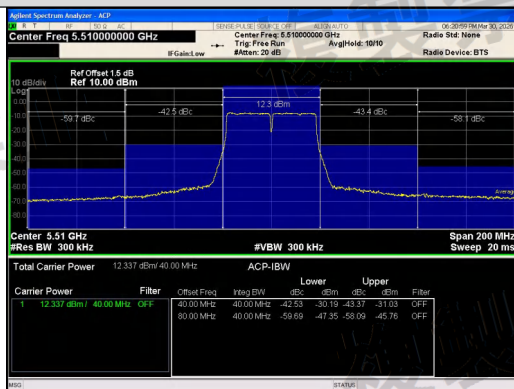
NT/NV_Antenna 0_IEEE 802.11ac_20_Channel 100



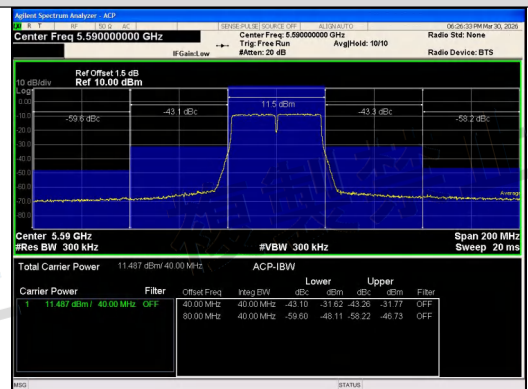
NT/NV_Antenna 0_IEEE 802.11ac_20_Channel 120



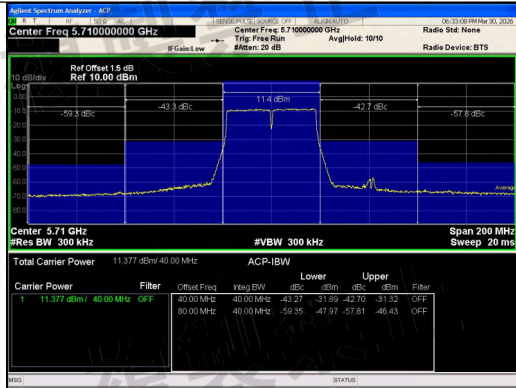
NT/NV_Antenna 0_IEEE 802.11ac_20_Channel 144



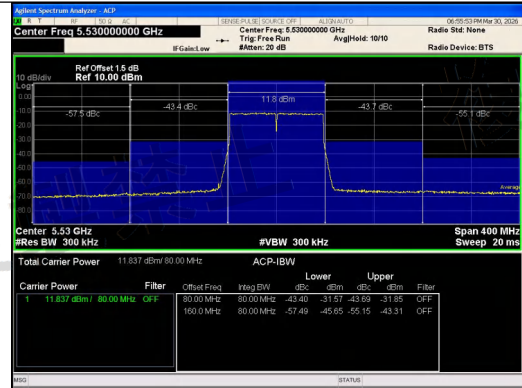
NT/NV_Antenna 0_IEEE 802.11ac_40_Channel 102



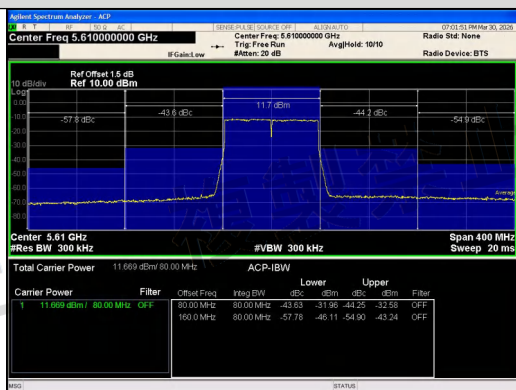
NT/NV_Antenna 0_IEEE 802.11ac_40_Channel 118



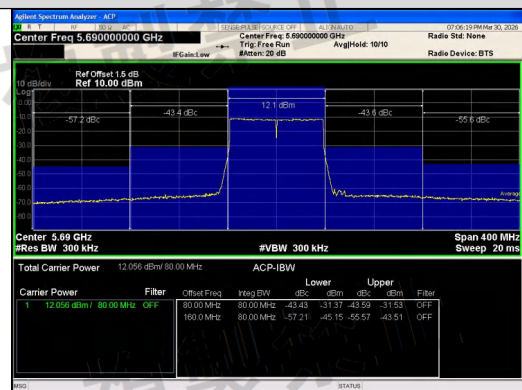
NT/NV_Antenna 0_IEEE 802.11ac_40_Channel 142



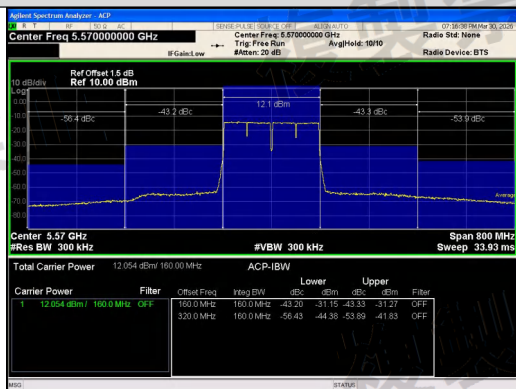
NT/NV_Antenna 0_IEEE 802.11ac_80_Channel 106



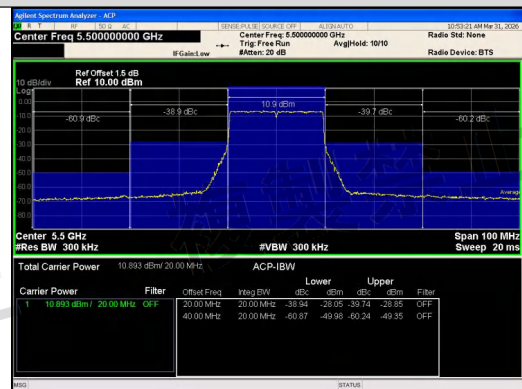
NT/NV_Antenna 0_IEEE 802.11ac_80_Channel 122



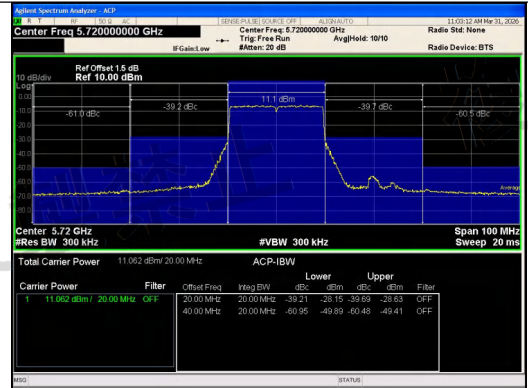
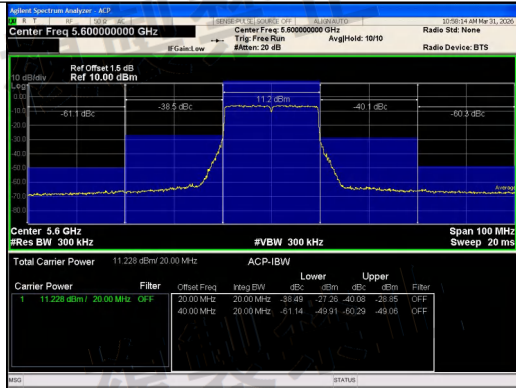
NT/NV_Antenna 0_IEEE 802.11ac_80_Channel 138



NT/NV_Antenna 0_IEEE 802.11ac_160_Channel 114

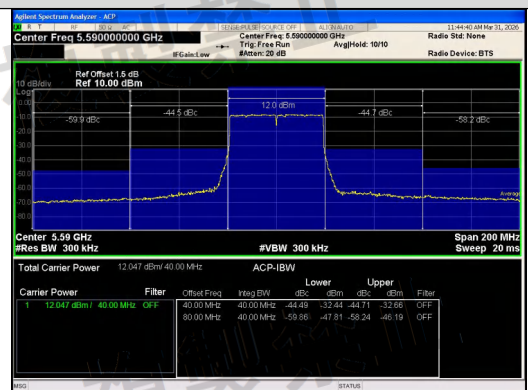
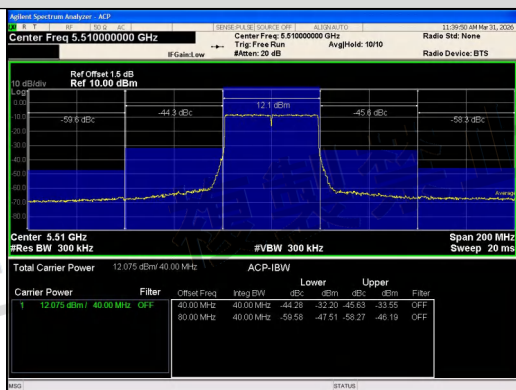


NT/NV_Antenna 0_IEEE 802.11ax_20_Channel 100_SU



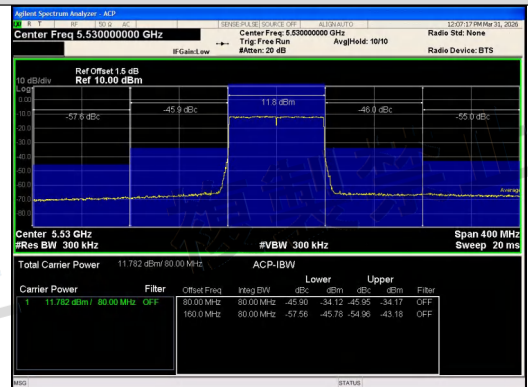
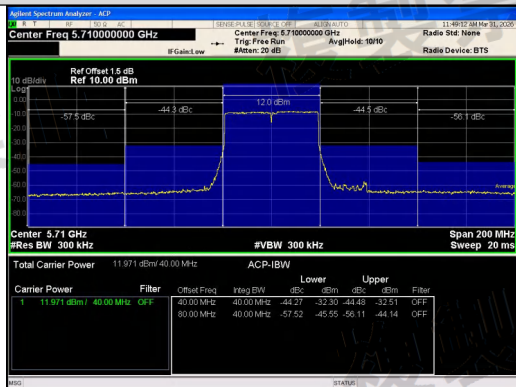
NT/NV_Antenna 0_ IEEE 802.11ax_20_Channel 120_SU

NT/NV_Antenna 0_ IEEE 802.11ax_20_Channel 144_SU



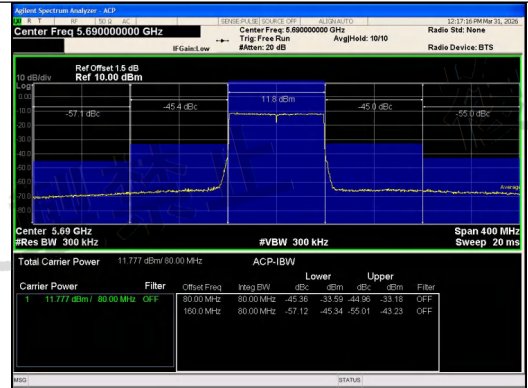
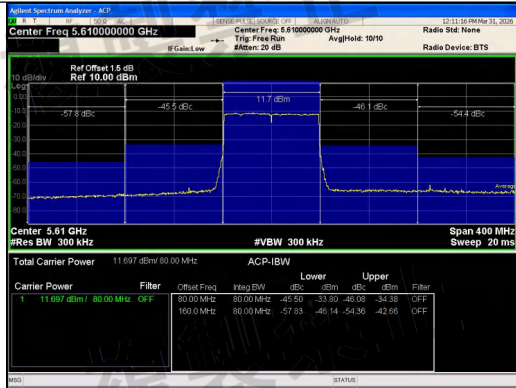
NT/NV_Antenna 0_ IEEE 802.11ax_40_Channel 102_SU

NT/NV_Antenna 0_ IEEE 802.11ax_40_Channel 118_SU



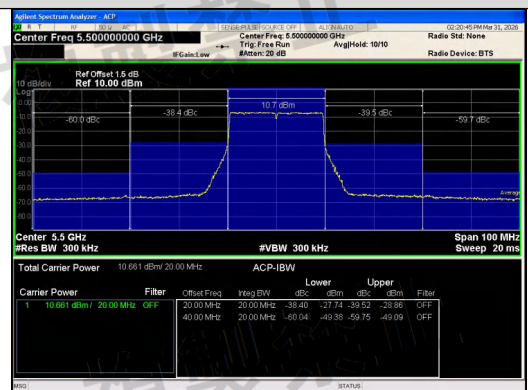
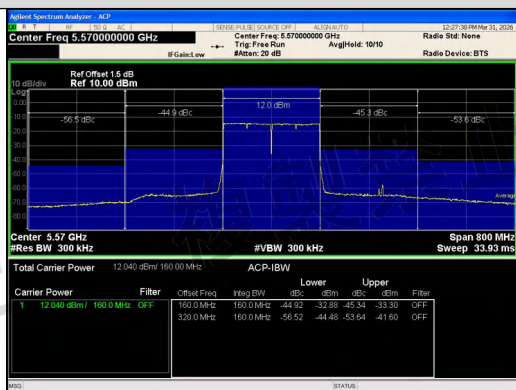
NT/NV_Antenna 0_ IEEE 802.11ax_40_Channel 142_SU

NT/NV_Antenna 0_ IEEE 802.11ax_80_Channel 106_SU



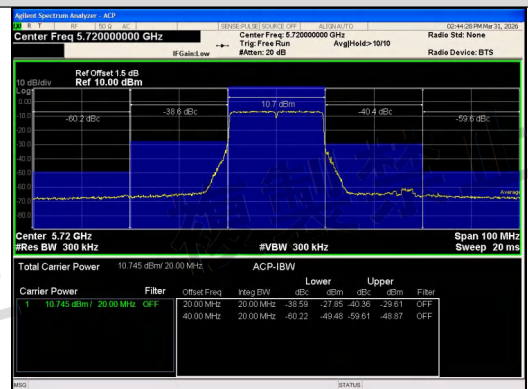
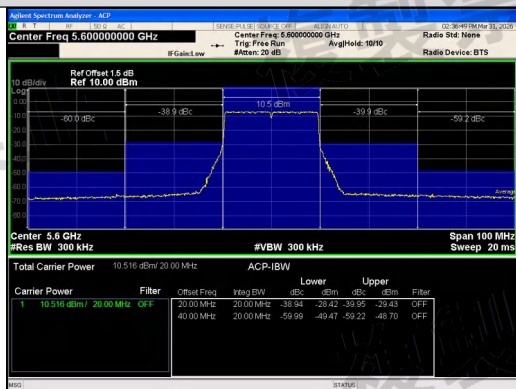
NT/NV_Antenna 0_IEEE 802.11ax_80_Channel 122_SU

NT/NV_Antenna 0_IEEE 802.11ax_80_Channel 138_SU



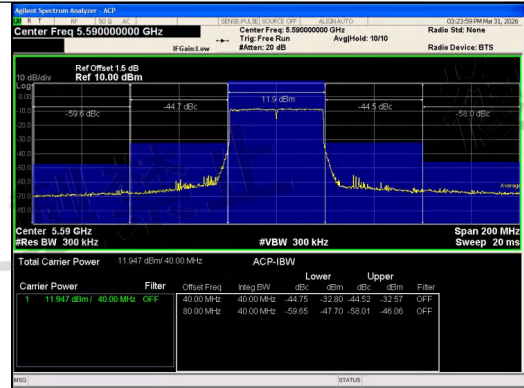
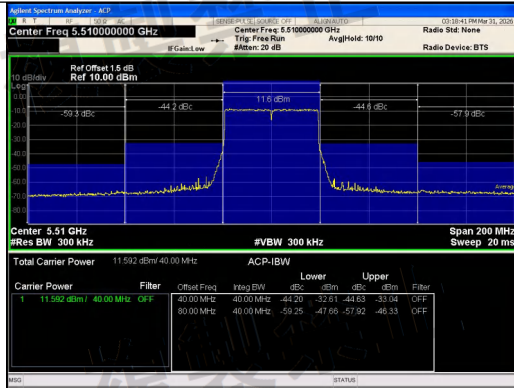
NT/NV_Antenna 0_IEEE 802.11ax_160_Channel 114_SU

NT/NV_Antenna 0_IEEE 802.11be_20_Channel 100_SU



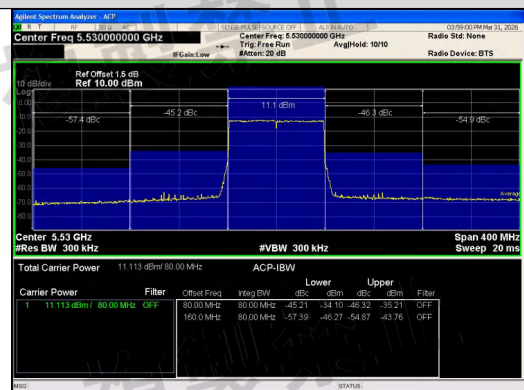
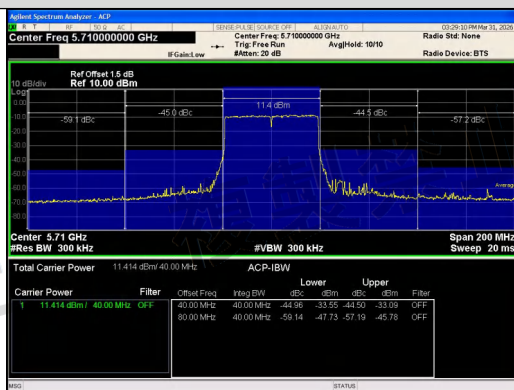
NT/NV_Antenna 0_IEEE 802.11be_20_Channel 120_SU

NT/NV_Antenna 0_IEEE 802.11be_20_Channel 144_SU



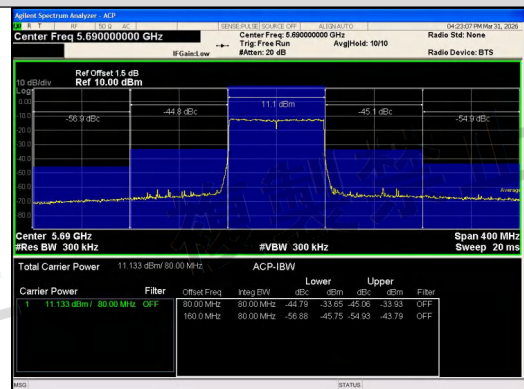
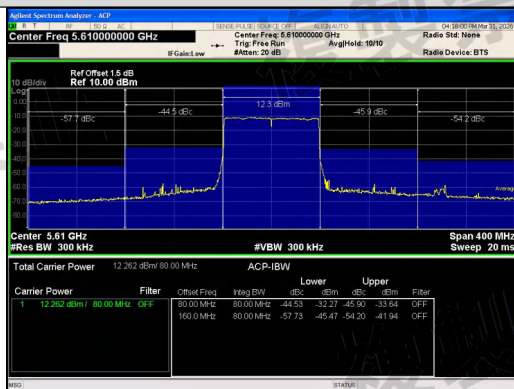
NT/NV_Antenna 0_ IEEE 802.11be_40_Channel 102_SU

NT/NV_Antenna 0_ IEEE 802.11be_40_Channel 118_SU



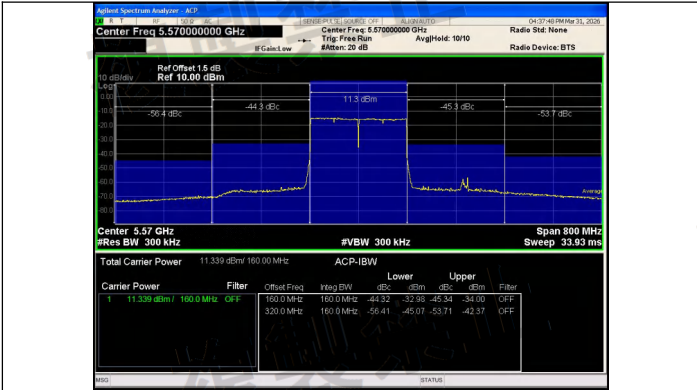
NT/NV_Antenna 0_ IEEE 802.11be_40_Channel 142_SU

NT/NV_Antenna 0_ IEEE 802.11be_80_Channel 106_SU



NT/NV_Antenna 0_ IEEE 802.11be_80_Channel 122_SU

NT/NV_Antenna 0_ IEEE 802.11be_80_Channel 138_SU



NT/NV_Antenna 0_ IEEE 802.11be_160_Channel 114_SU

8. Transmission Burst Length

Test Result

Note:

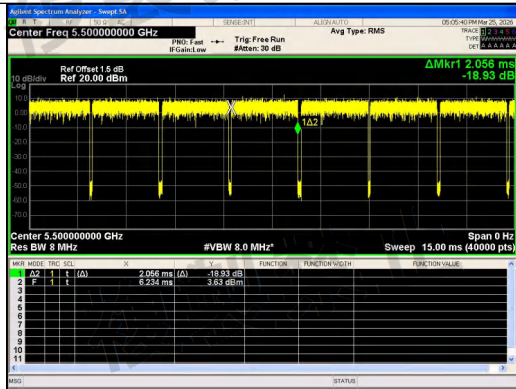
In the report, only the data from the worst 5GHz WIFI Omnidirectional Antenna Mode_antenna 0 is recorded.

Condition	Mode	Frequency (MHz)	Transmission burst length (ms)	Limit (ms)	Result
			Ant. 0		
NT/NV	IEEE 802.11a	5500	2.06	≤8	PASS
		5600	2.06		PASS
		5720	2.06		PASS
	IEEE 802.11n_20	5500	1.92		PASS
		5600	1.92		PASS
		5720	1.92		PASS
	IEEE 802.11n_40	5510	0.94		PASS
		5590	0.94		PASS
		5710	0.94		PASS
	IEEE 802.11ac_20	5500	1.92		PASS
		5600	1.92		PASS
		5720	1.92		PASS
	IEEE 802.11ac_40	5510	2.49		PASS
		5590	2.49		PASS
		5710	2.49		PASS
	IEEE 802.11ac_80	5530	3.43		PASS
		5610	3.43		PASS
		5690	3.43		PASS
	IEEE 802.11ac_160	5570	3.99		PASS
	IEEE 802.11ax_20	5500	1.74		PASS
		5600	1.74		PASS
		5720	1.74		PASS
	IEEE 802.11ax_40	5510	2.33		PASS
		5590	2.33		PASS
		5710	2.33		PASS
	IEEE 802.11ax_80	5530	3.3		PASS
		5610	3.3		PASS
		5690	3.3		PASS
	IEEE 802.11ax_160	5570	3.84		PASS
	IEEE 802.11be_20	5500	1.75		PASS
		5600	1.75		PASS
		5720	1.75		PASS
	IEEE 802.11be_40	5510	2.34		PASS
		5590	2.34		PASS
		5710	2.34		PASS
	IEEE 802.11be_80	5530	3.31		PASS
		5610	3.31		PASS
		5690	3.31		PASS
	IEEE 802.11be_160	5570	3.85		PASS

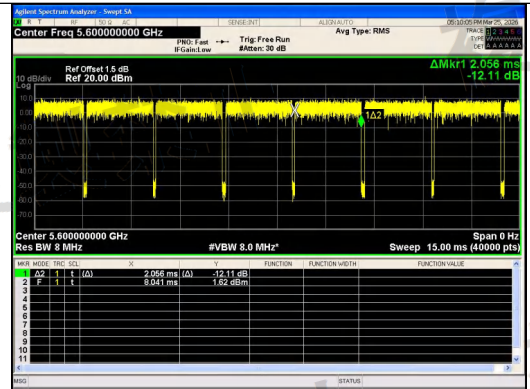
Test Graphs

NT/NV

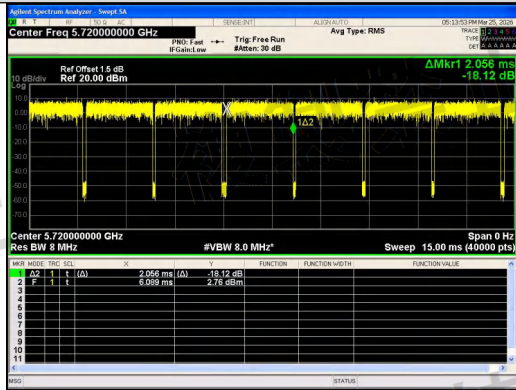
IEEE 802.11a



NT/NV_Antenna 0_IEEE 802.11a_Channel 100

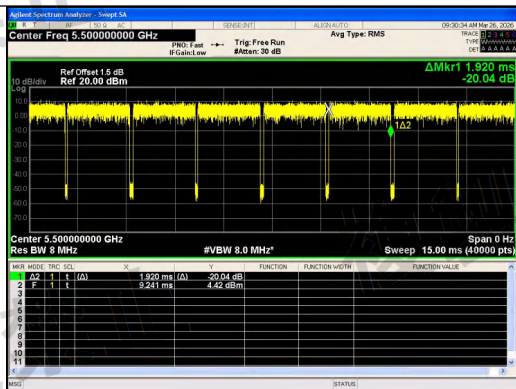


NT/NV_Antenna 0_IEEE 802.11a_Channel 120

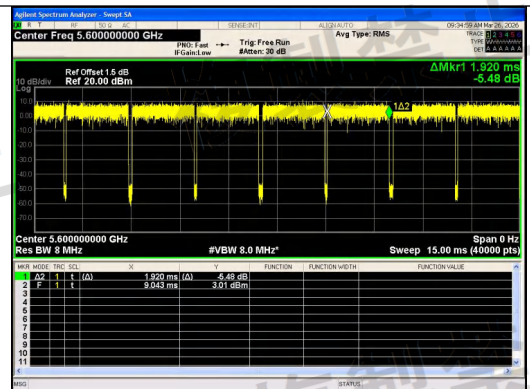


NT/NV_Antenna 0_IEEE 802.11a_Channel 144

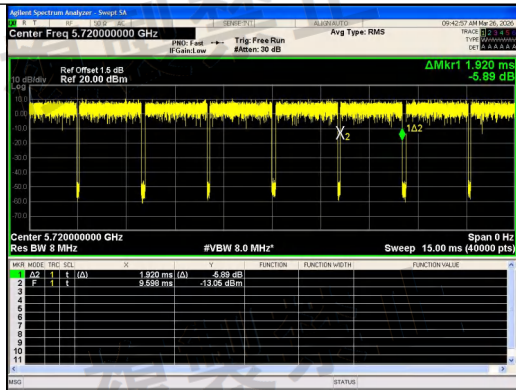
IEEE 802.11n_20



NT/NV_Antenna 0_IEEE 802.11n_20_Channel 100

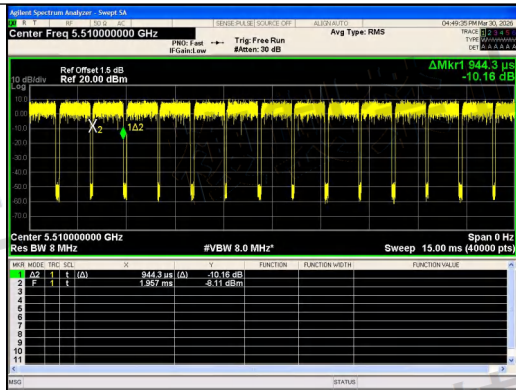


NT/NV_Antenna 0_IEEE 802.11n_20_Channel 120

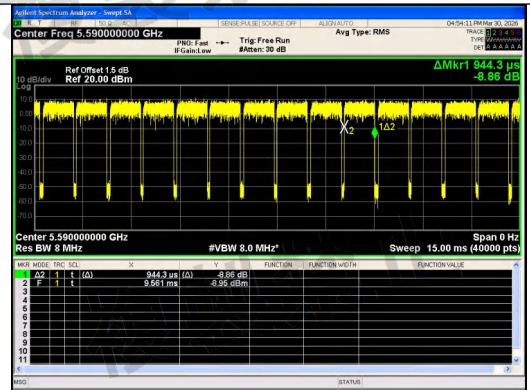


NT/NV_Antenna 0_IEEE 802.11n_20_Channel 144

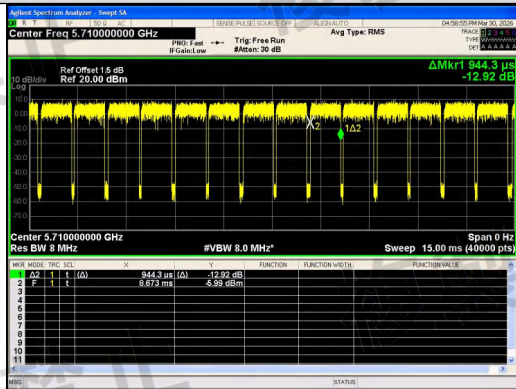
IEEE 802.11n_40



NT/NV_Antenna 0_IEEE 802.11n_40_Channel 102

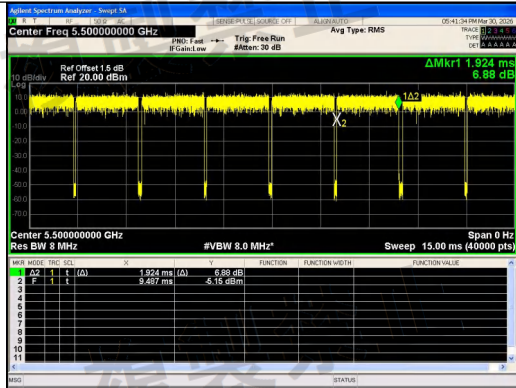


NT/NV_Antenna 0_IEEE 802.11n_40_Channel 118

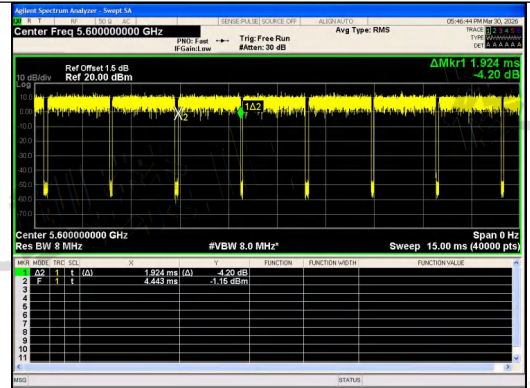


NT/NV_Antenna 0_IEEE 802.11n_40_Channel 142

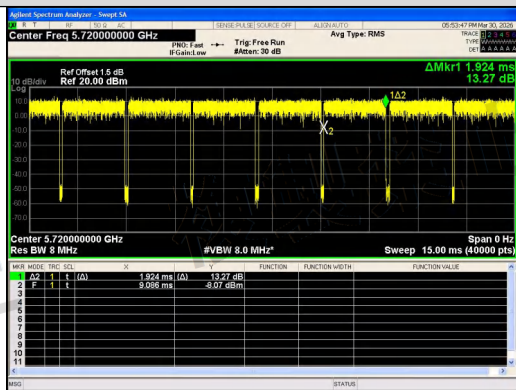
IEEE 802.11ac_20



NT/NV_Antenna 0_IEEE 802.11ac_20_Channel 100

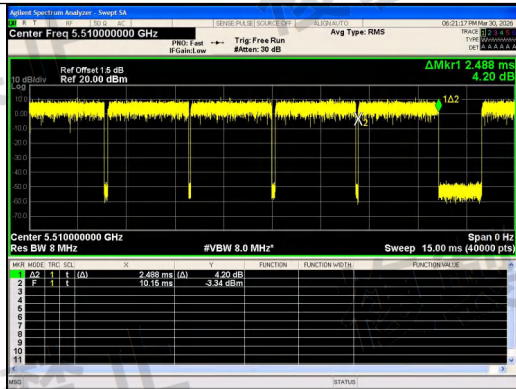


NT/NV_Antenna 0_IEEE 802.11ac_20_Channel 120

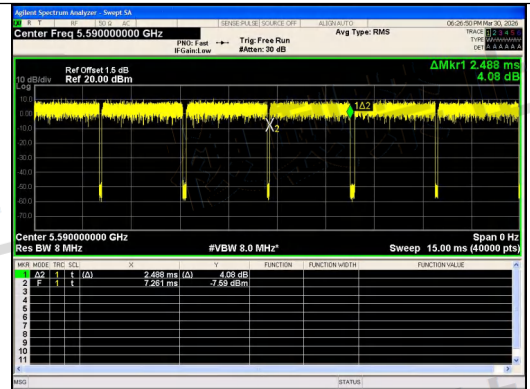


NT/NV_Antenna 0_IEEE 802.11ac_20_Channel 144

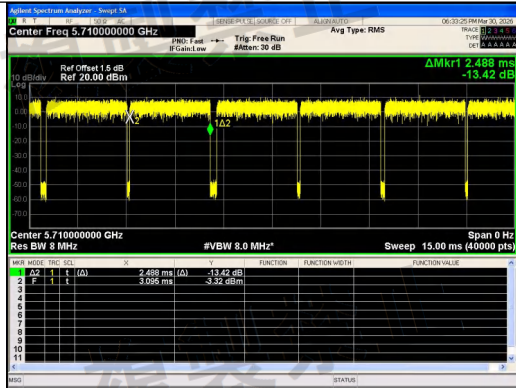
IEEE 802.11ac_40



NT/NV_Antenna 0_IEEE 802.11ac_40_Channel 102

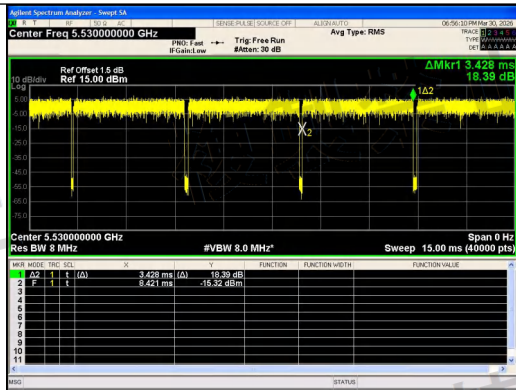


NT/NV_Antenna 0_IEEE 802.11ac_40_Channel 118

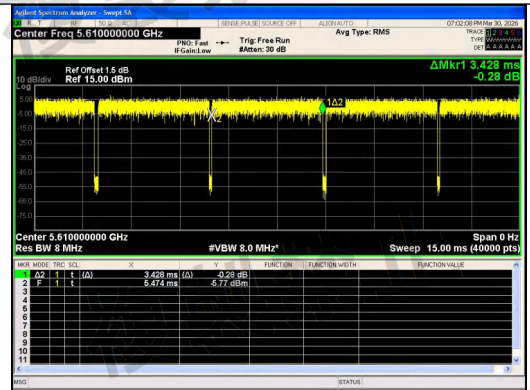


NT/NV_Antenna 0_IEEE 802.11ac_40_Channel 142

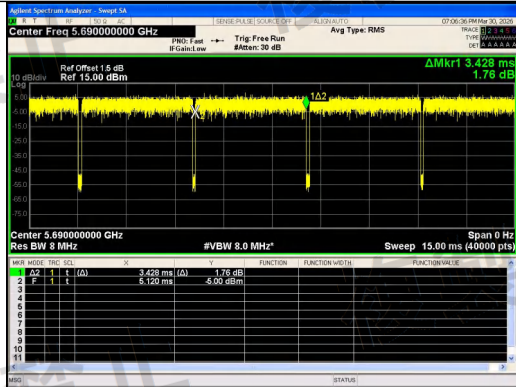
IEEE 802.11ac_80



NT/NV_Antenna 0_IEEE 802.11ac_80_Channel 106

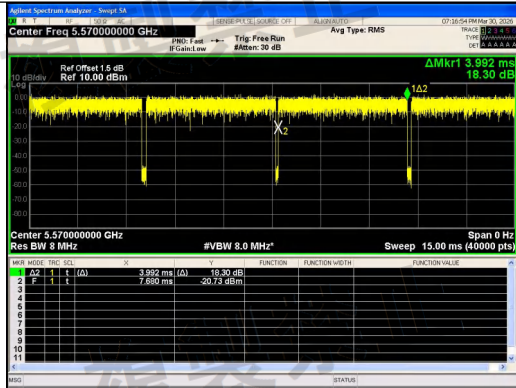


NT/NV_Antenna 0_IEEE 802.11ac_80_Channel 122



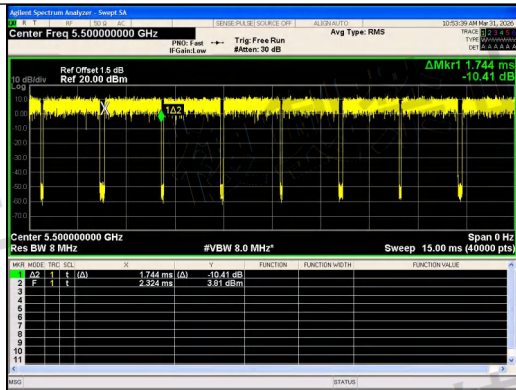
NT/NV_Antenna 0_IEEE 802.11ac_80_Channel 138

IEEE 802.11ac_160

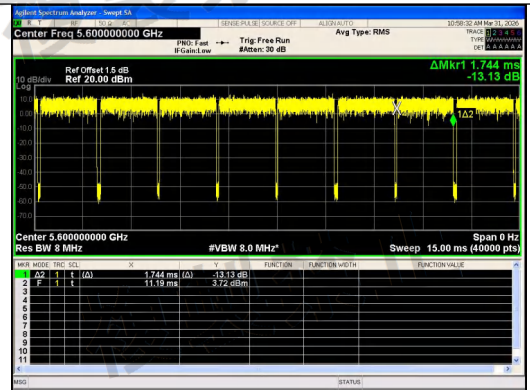


NT/NV_Antenna 0_IEEE 802.11ac_160_Channel 114

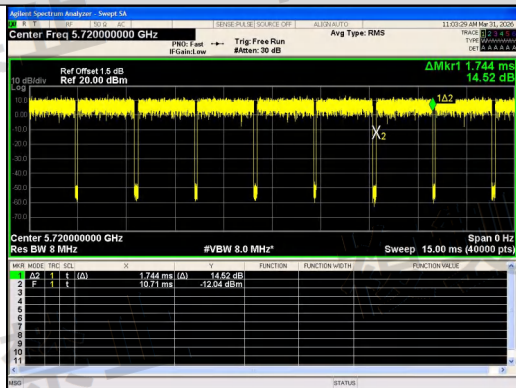
IEEE 802.11ax_20



NT/NV_Antenna 0_IEEE 802.11ax_20_Channel
100_RU&Index SU

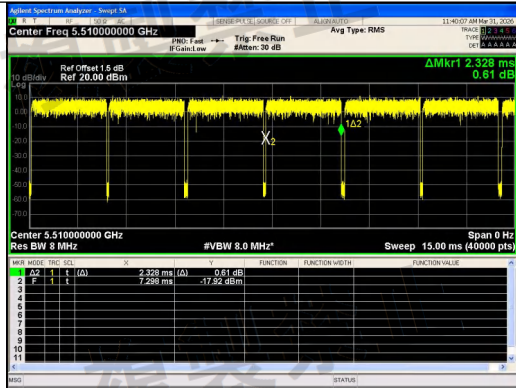


NT/NV_Antenna 0_IEEE 802.11ax_20_Channel
120_RU&Index SU

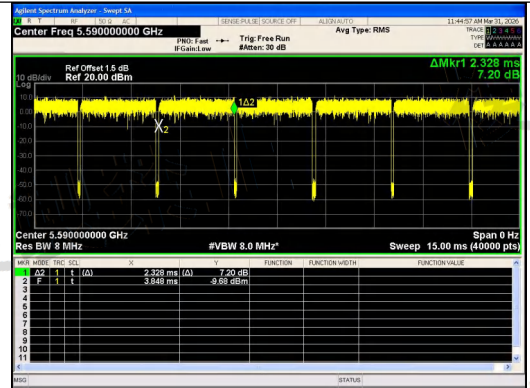


NT/NV_Antenna 0_IEEE 802.11ax_20_Channel
144_RU&Index SU

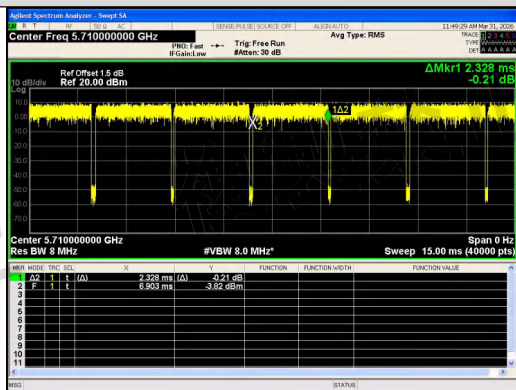
IEEE 802.11ax_20



NT/NV_Antenna 0_IEEE 802.11ax_40_Channel
102_RU&Index SU

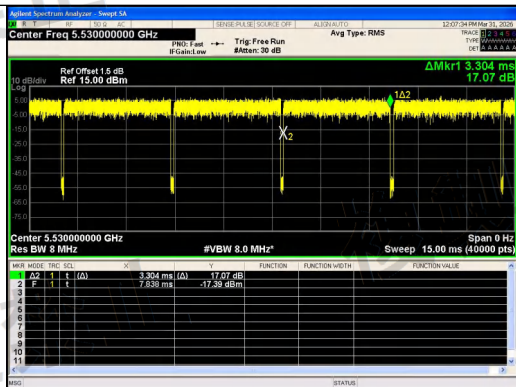


NT/NV_Antenna 0_IEEE 802.11ax_40_Channel
118_RU&Index SU

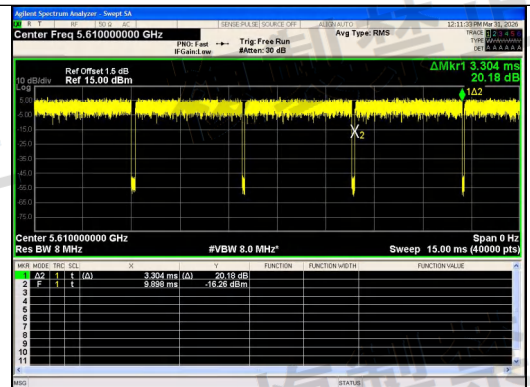


NT/NV_Antenna 0_IEEE 802.11ax_40_Channel
142_RU&Index SU

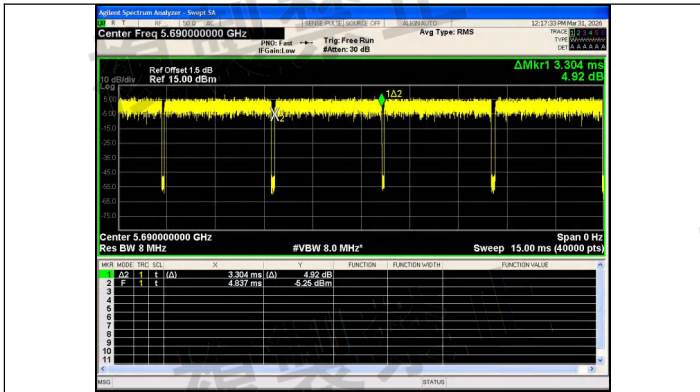
IEEE 802.11ax_80



NT/NV_Antenna 0_IEEE 802.11ax_80_Channel
106_RU&Index SU

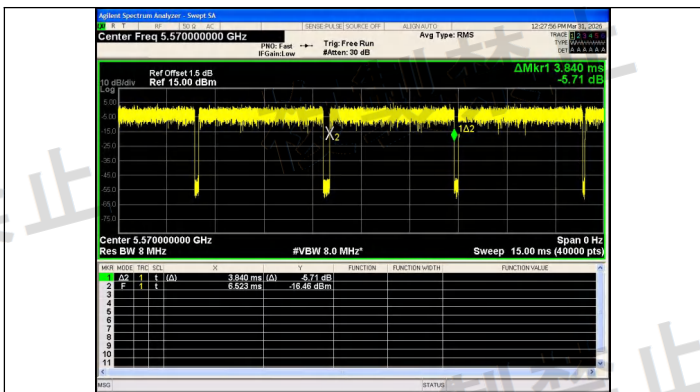


NT/NV_Antenna 0_IEEE 802.11ax_80_Channel
122_RU&Index SU



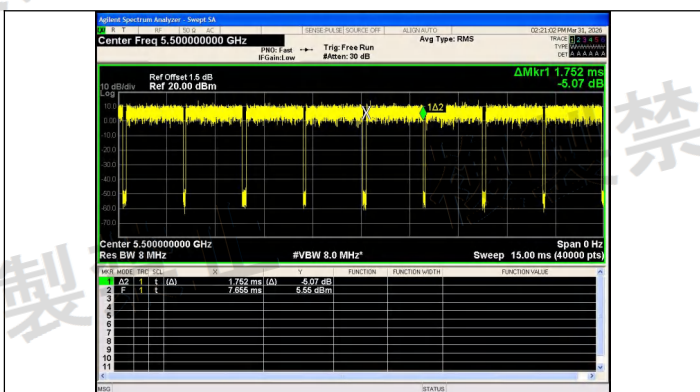
NT/NV_Antenna 0_IEEE 802.11ax_80_Channel
138_RU&Index SU

IEEE 802.11ax_160

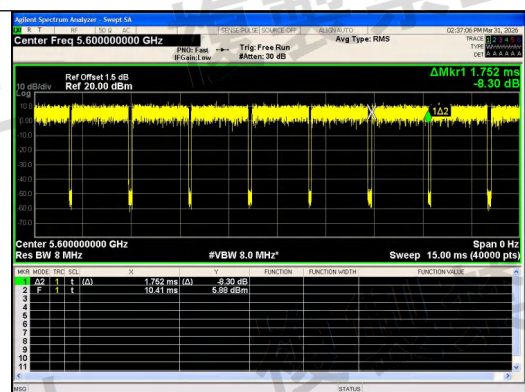


NT/NV_Antenna 0_IEEE 802.11ax_160_Channel
114_RU&Index SU

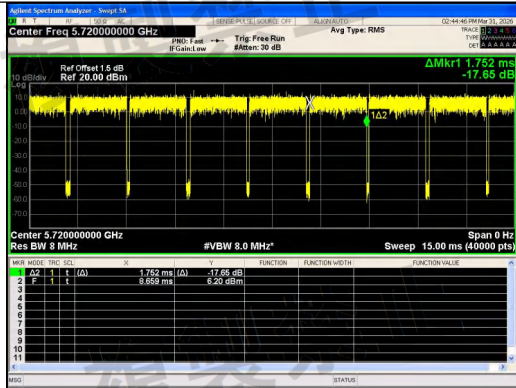
IEEE 802.11be_20



NT/NV_Antenna 0_IEEE 802.11be_20_Channel
100_RU&Index SU



NT/NV_Antenna 0_IEEE 802.11be_20_Channel
120_RU&Index SU

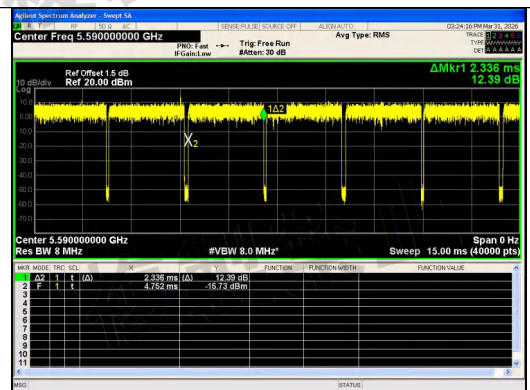


NT/NV_Antenna 0_ IEEE 802.11be_20_Channel
144_RU&Index SU

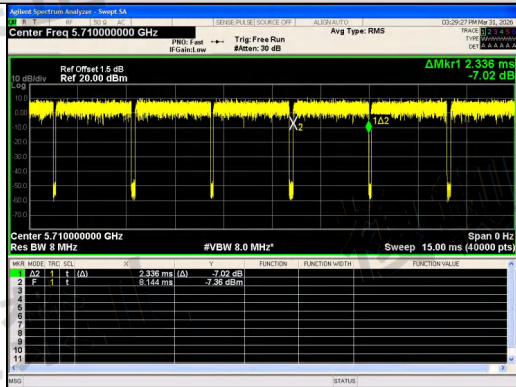
IEEE 802.11be_40



NT/NV_Antenna 0_ IEEE 802.11be_40_Channel
102_RU&Index SU

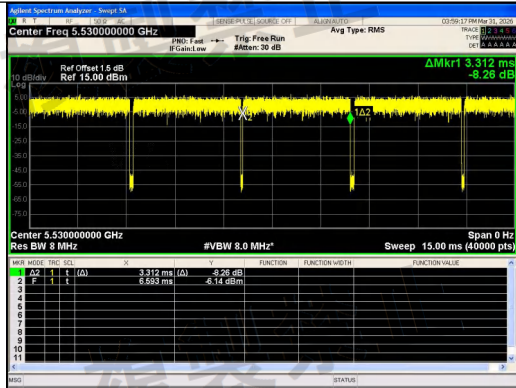
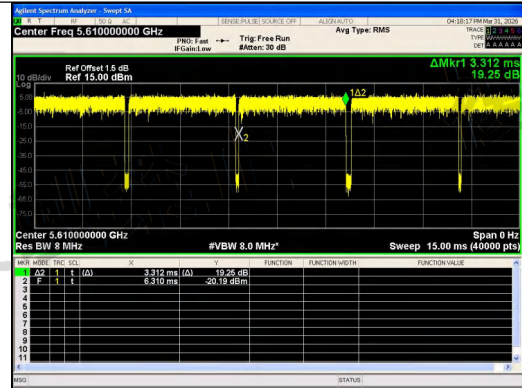
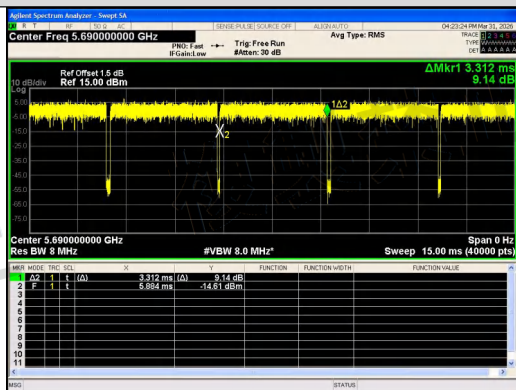


NT/NV_Antenna 0_ IEEE 802.11be_40_Channel
118_RU&Index SU

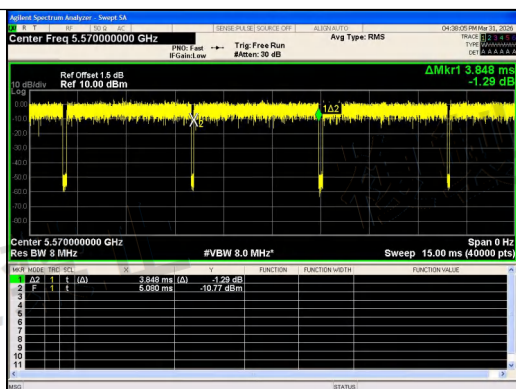


NT/NV_Antenna 0_ IEEE 802.11be_40_Channel
142_RU&Index SU

IEEE 802.11be_80


NT/NV_Antenna 0_ IEEE 802.11be_80_Channel
106_RU&Index SU

NT/NV_Antenna 0_ IEEE 802.11be_80_Channel
122_RU&Index SU

NT/NV_Antenna 0_ IEEE 802.11be_80_Channel
138_RU&Index SU

IEEE 802.11be_160


NT/NV_Antenna 0_ IEEE 802.11be_160_Channel
114_RU&Index SU

9. Radio Interference Prevention Capability

Test Results:

Test result of radio interference prevention capability		
Item	MAC address	Test result
Identification code	F0:C8:B5:FC:91:F4	Good

as following picture shows:

```
WAP>
Last login: User:Eproot IP:192.168.18.2 Time:1981-01-01 00:46:34
display wifi information
SSID number:2
-----
SSID Index          :1
SSID                :HUAWEI-2.4G
BSSID               :F0:C8:B5:FC:91:F0
Enable              :Enabled
Status              :Up
Authentication Mode  :WPA/WPA2-PSK
Encryption Mode      :TKIPandAESEncryption
Channel              :5(auto)
Channel bandwidth    :Auto 20/40 MHz
Standard             :11be
Supported Max Rate    :688 M
Country Code         :GB
Current Tx-Power Level :100%
-----
SSID Index          :5
SSID                :HUAWEI-5G
BSSID               :F0:C8:B5:FC:91:F4
Enable              :Enabled
Status              :Up
Authentication Mode  :WPA/WPA2-PSK
Encryption Mode      :TKIPandAESEncryption
Channel              :36(auto)
Channel bandwidth    :20 MHz
Standard             :11a
Supported Max Rate    :54 M
Country Code         :GB
Current Tx-Power Level :100%
-----
```

10. Carrier Sense Function

Test Results:

Test Mode:		IEEE 802.11be 20			
Test Voltage		Normal Voltage			Remarks
Test Frequency	MHz	5500	5600	5720	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	$\text{Pin} = 22.79 + \text{Gr} - 20 \cdot \log(\text{freq_MHz})$ [dBm]

Test Mode:		IEEE 802.11be 40			
Test Voltage		Normal Voltage			Remarks
Carrier Sense (100mV/m)	OK / NG	OK	OK	--	$\text{Pin} = 22.79 + \text{Gr} - 20 \cdot \log(\text{freq_MHz})$ [dBm]
Test Frequency	MHz	5510	5710	--	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	--	$\text{Pin} = 22.79 + \text{Gr} - 20 \cdot \log(\text{freq_MHz})$ [dBm]

Test Mode:		IEEE 802.11be 80			
Test Voltage		Normal Voltage			Remarks
Test Frequency	MHz	5690	--	--	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	--	--	$\text{Pin} = 22.79 + \text{Gr} - 20 \cdot \log(\text{freq_MHz})$ [dBm]

Test Mode:		IEEE 802.11be 160			
Test Voltage		Normal Voltage			Remarks
Test Frequency	MHz	5570	--	--	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	--	--	$\text{Pin} = 22.79 + \text{Gr} - 20 \cdot \log(\text{freq_MHz})$ [dBm]

11.Dynamic Frequency Selection

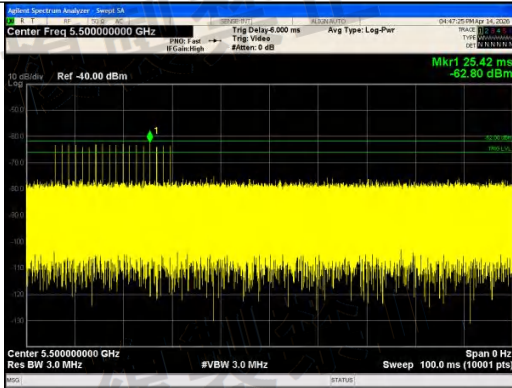
Test Results:

Calibration of Radar Waveform

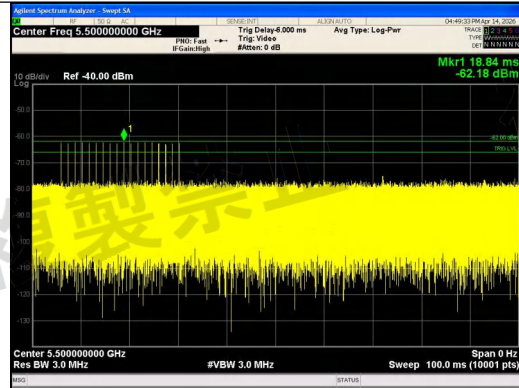
Radar Test Signal

Channel/Frequency	Bandwidth	Radar Type	Level (dBm)	Limit (dBm)	Result
100/5500MHz	20	W56 Type 1	-62.8	-62	PASS
		W56 Type 2	-62.18	-62	PASS
		W56 Type 3	-62.45	-62	PASS
		W56 Type 4	-62.19	-62	PASS
		W56 Type 5	-62.35	-62	PASS
		W56 Type 6	-62.19	-62	PASS
		W56 Chirp	-62.31	-62	PASS
		W56 Hopping	-62.76	-62	PASS
102/5510MHz	40	W56 Type 1	-62.89	-62	PASS
		W56 Type 2	-62.9	-62	PASS
		W56 Type 3	-62.08	-62	PASS
		W56 Type 4	-62.71	-62	PASS
		W56 Type 5	-62.47	-62	PASS
		W56 Type 6	-62.34	-62	PASS
		W56 Chirp	-62.21	-62	PASS
		W56 Hopping	-62.2	-62	PASS
106/5530MHz	80	W56 Type 1	-62.8	-62	PASS
		W56 Type 2	-62.18	-62	PASS
		W56 Type 3	-62.31	-62	PASS
		W56 Type 4	-62.53	-62	PASS
		W56 Type 5	-62.97	-62	PASS
		W56 Type 6	-62.38	-62	PASS
		W56 Chirp	-62.45	-62	PASS
		W56 Hopping	-62.04	-62	PASS
114/5570MHz	160	W56 Type 1	-62.47	-62	PASS
		W56 Type 2	-63.08	-62	PASS
		W56 Type 3	-63.01	-62	PASS
		W56 Type 4	-62.57	-62	PASS
		W56 Type 5	-62.57	-62	PASS
		W56 Type 6	-62.76	-62	PASS
		W56 Chirp	-62.88	-62	PASS
		W56 Hopping	-62.55	-62	PASS

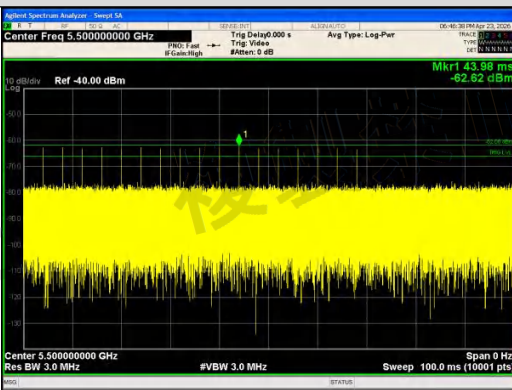
Radar Test Signal



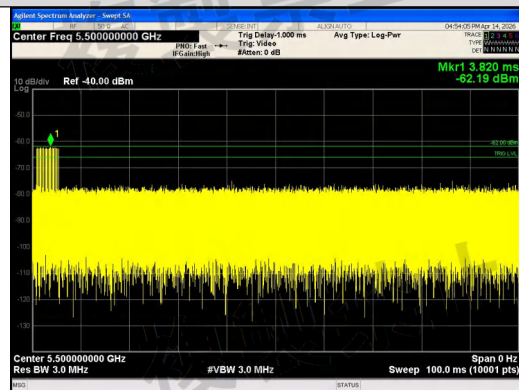
W56 Type 1
5500MHz/20MHz



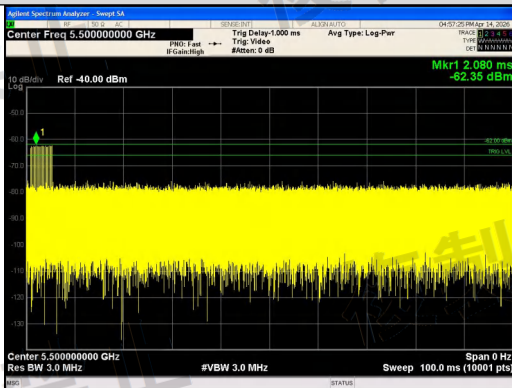
W56 Type 2
5500MHz/20MHz



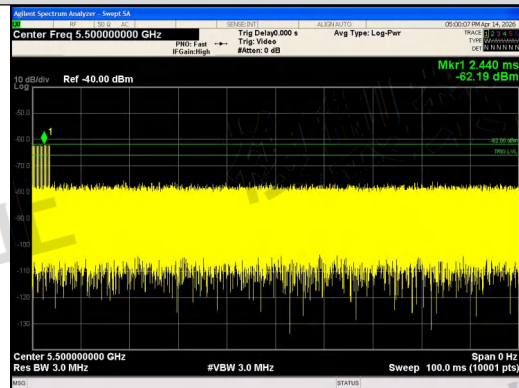
W56 Type 3
5500MHz/20MHz



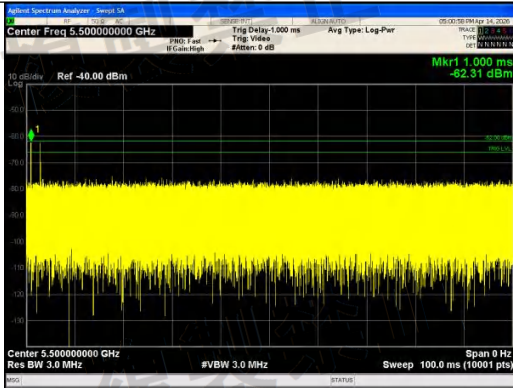
W56 Type 4
5500MHz/20MHz



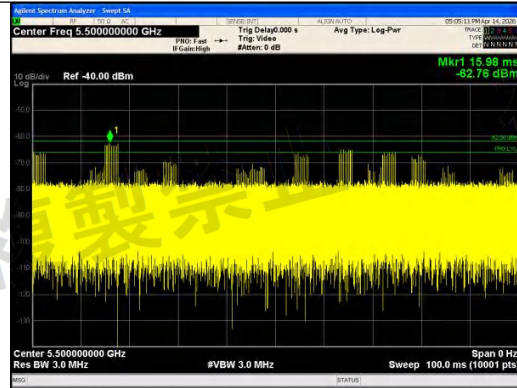
W56 Type 5
5500MHz/20MHz



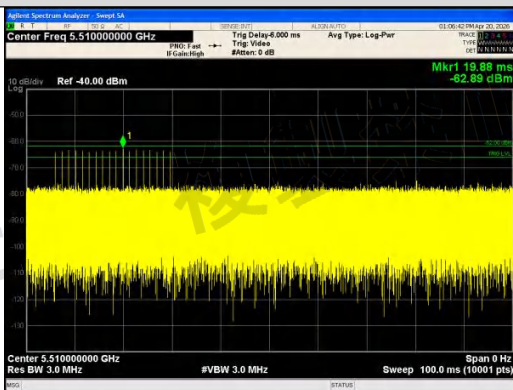
W56 Type 6
5500MHz/20MHz



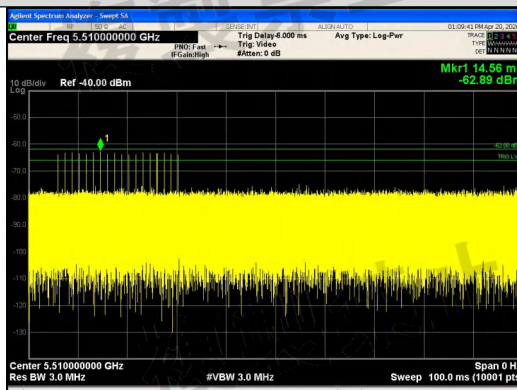
W56 Chirp
5500MHz/20MHz



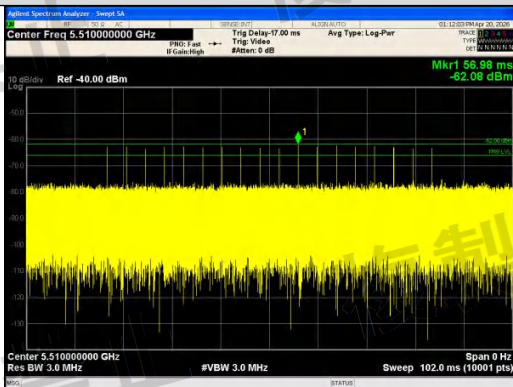
W56 Hopping
5500MHz/20MHz



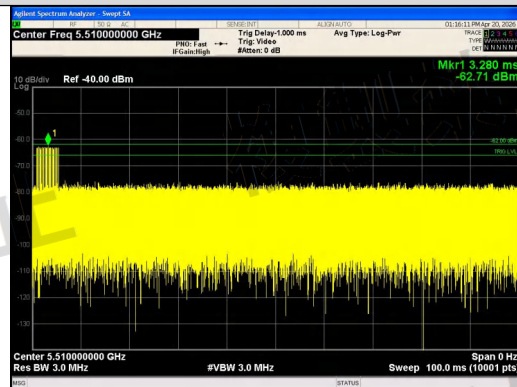
W56 Type 1
5510MHz/40MHz



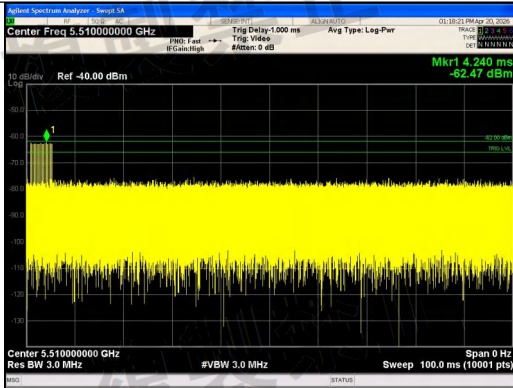
W56 Type 2
5510MHz/40MHz



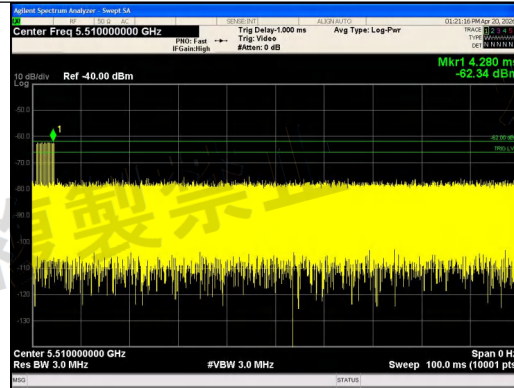
W56 Type 3
5510MHz/40MHz



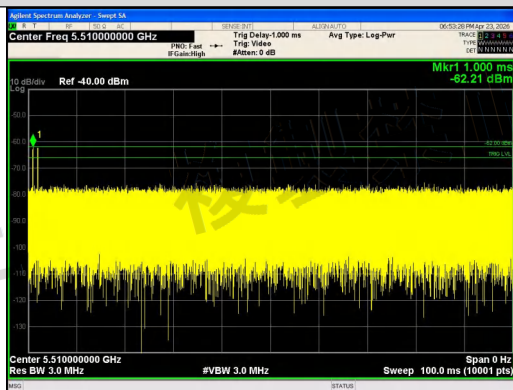
W56 Type 4
5510MHz/40MHz



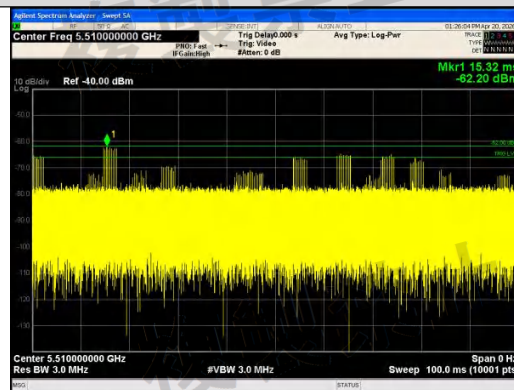
W56 Type 5
5510MHz/40MHz



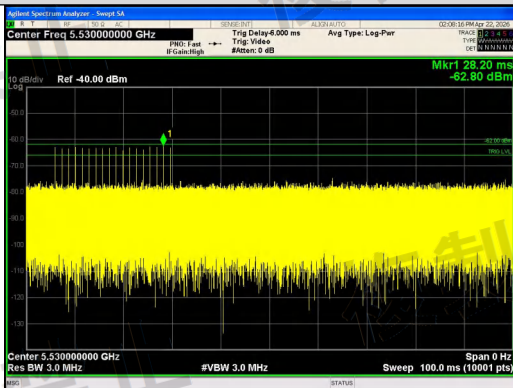
W56 Type 6
5510MHz/40MHz



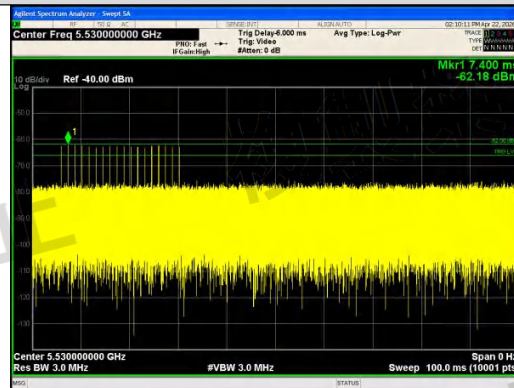
W56 Chirp
5510MHz/40MHz



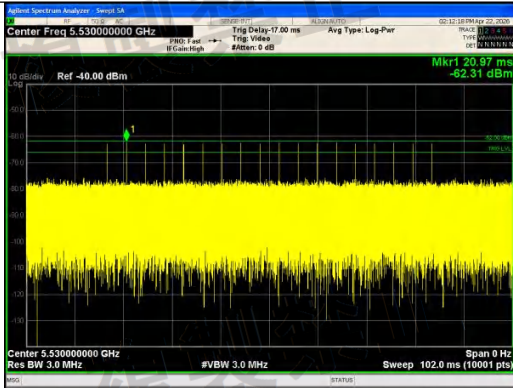
W56 Hopping
5510MHz/40MHz



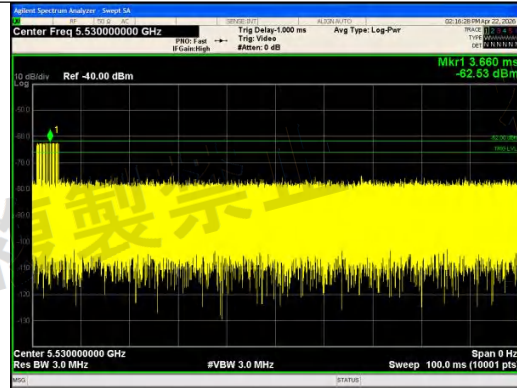
W56 Type 1
5530MHz/80MHz



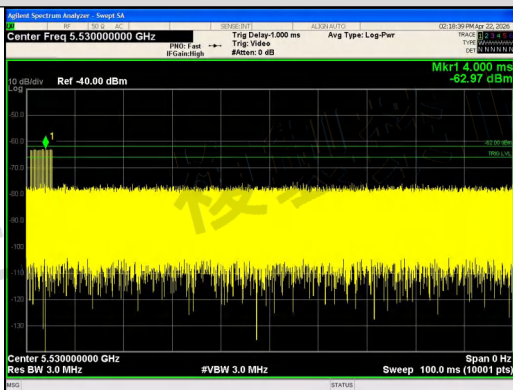
W56 Type 2
5530MHz/80MHz



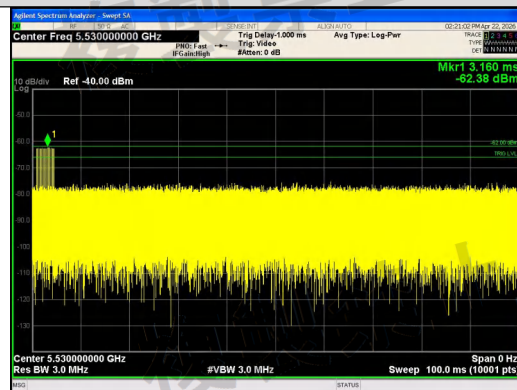
W56 Type 3
5530MHz/80MHz



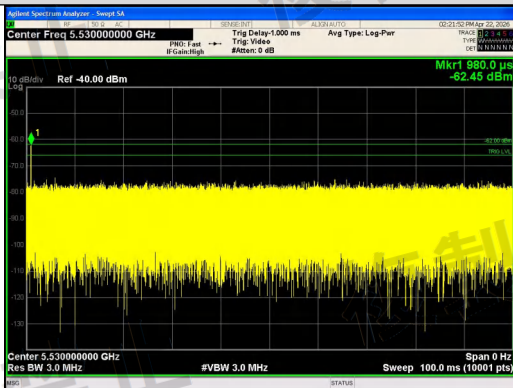
W56 Type 4
5530MHz/80MHz



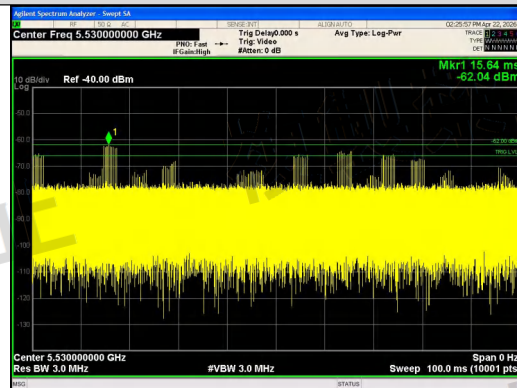
W56 Type 5
5530MHz/80MHz



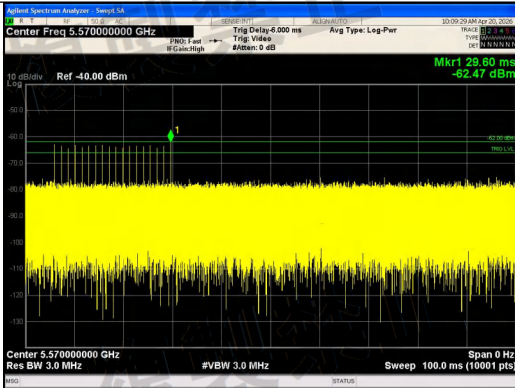
W56 Type 6
5530MHz/80MHz



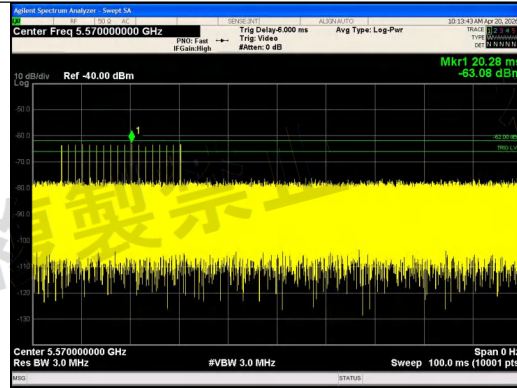
W56 Chirp
5530MHz/80MHz



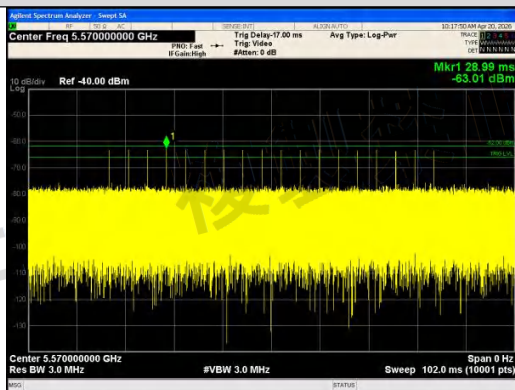
W56 Hopping
5530MHz/80MHz



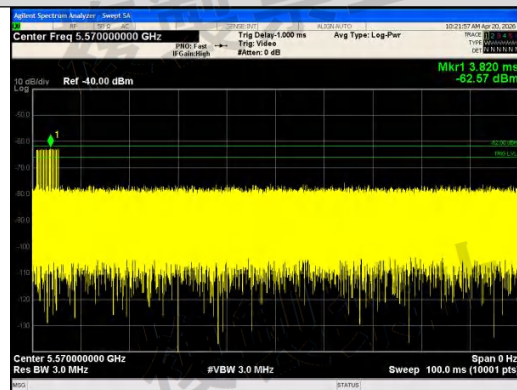
W56 Type 1
5570MHz/160MHz



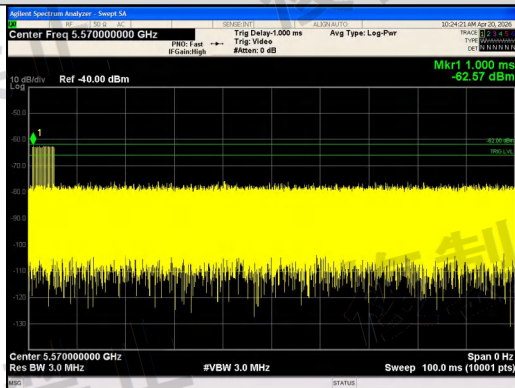
W56 Type 2
5570MHz/160MHz



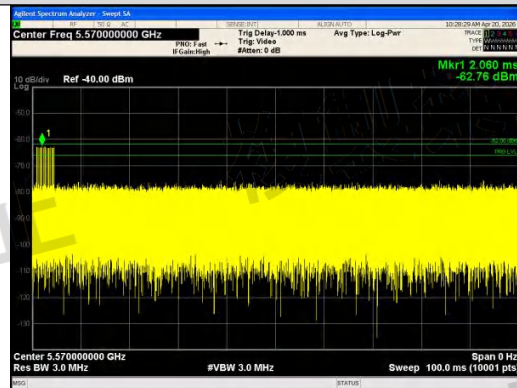
W56 Type 3
5570MHz/160MHz



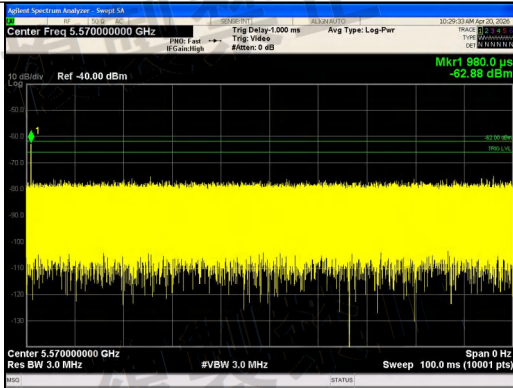
W56 Type 4
5570MHz/160MHz



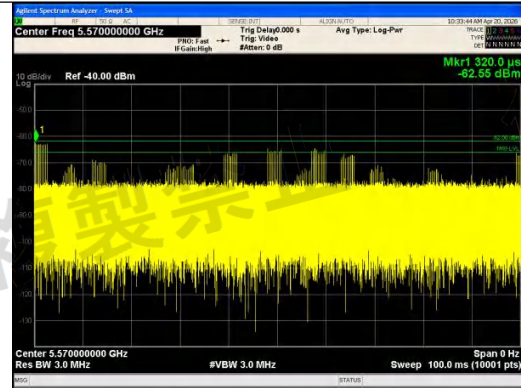
W56 Type 5
5570MHz/160MHz



W56 Type 6
5570MHz/160MHz



W56 Chirp
5570MHz/160MHz



W56 Hopping
5570MHz/160MHz

Channel Availability Check

Test Mode	Frequency[MHz]	Radar Type	Pass Times	Fail Times	Probability (%)	Limit (%)	Verdict
11be_20M	5500	W53_Type1	4	0	100	100	PASS
		W53_Type2	4	0	100	100	PASS
		W53_Type3	4	0	100	100	PASS
		W53_Type4	4	0	100	100	PASS
		W53_Type5	4	0	100	100	PASS
		W53_Type6	4	0	100	100	PASS
		W53_Type7	4	0	100	100	PASS
		W53_Type8	4	0	100	100	PASS
	5600	W53_Type1	4	0	100	100	PASS
		W53_Type2	4	0	100	100	PASS
		W53_Type3	4	0	100	100	PASS
		W53_Type4	4	0	100	100	PASS
		W53_Type5	4	0	100	100	PASS
		W53_Type6	4	0	100	100	PASS
		W53_Type7	4	0	100	100	PASS
		W53_Type8	4	0	100	100	PASS
	5720	W53_Type1	4	0	100	100	PASS
		W53_Type2	4	0	100	100	PASS
		W53_Type3	4	0	100	100	PASS
		W53_Type4	4	0	100	100	PASS
		W53_Type5	4	0	100	100	PASS
		W53_Type6	4	0	100	100	PASS
		W53_Type7	4	0	100	100	PASS
		W53_Type8	4	0	100	100	PASS
11be_40M	5510	W56_Type1	4	0	100	100	PASS
		W56_Type2	4	0	100	100	PASS
		W56_Type3	4	0	100	100	PASS
		W56_Type4	4	0	100	100	PASS
		W56_Type5	4	0	100	100	PASS
		W56_Type6	4	0	100	100	PASS
		W56_Chirp	4	0	100	100	PASS
		W56_Hopping	4	0	100	100	PASS
	5590	W56_Type1	4	0	100	100	PASS
		W56_Type2	4	0	100	100	PASS
		W56_Type3	4	0	100	100	PASS
		W56_Type4	4	0	100	100	PASS
		W56_Type5	4	0	100	100	PASS
		W56_Type6	4	0	100	100	PASS
		W56_Chirp	4	0	100	100	PASS
		W56_Hopping	4	0	100	100	PASS

	5710	W56_Type1	4	0	100	100	PASS
		W56_Type2	4	0	100	100	PASS
		W56_Type3	4	0	100	100	PASS
		W56_Type4	4	0	100	100	PASS
		W56_Type5	4	0	100	100	PASS
		W56_Type6	4	0	100	100	PASS
		W56_Chirp	4	0	100	100	PASS
		W56_Hopping	4	0	100	100	PASS
11be_80M	5530	W56_Type1	4	0	100	100	PASS
		W56_Type2	4	0	100	100	PASS
		W56_Type3	4	0	100	100	PASS
		W56_Type4	4	0	100	100	PASS
		W56_Type5	4	0	100	100	PASS
		W56_Type6	4	0	100	100	PASS
		W56_Chirp	4	0	100	100	PASS
		W56_Hopping	4	0	100	100	PASS
	5610	W56_Type1	4	0	100	100	PASS
		W56_Type2	4	0	100	100	PASS
		W56_Type3	4	0	100	100	PASS
		W56_Type4	4	0	100	100	PASS
		W56_Type5	4	0	100	100	PASS
		W56_Type6	4	0	100	100	PASS
		W56_Chirp	4	0	100	100	PASS
		W56_Hopping	4	0	100	100	PASS
11be_160M	5570	W56_Type1	4	0	100	100	PASS
		W56_Type2	4	0	100	100	PASS
		W56_Type3	4	0	100	100	PASS
		W56_Type4	4	0	100	100	PASS
		W56_Type5	4	0	100	100	PASS
		W56_Type6	4	0	100	100	PASS
		W56_Chirp	4	0	100	100	PASS
		W56_Hopping	4	0	100	100	PASS

In-Service Monitoring

802.11be_20MHz_5500MHz

Radar test signal	Nr of Times Triggered	Total Trial	Detection Probability	Limit	Result
W53_Type 1	15	15	100.0%	60%	PASS
W53_Type 2	15	15	100.0%	60%	PASS
W53_Type 3	15	15	100.0%	60%	PASS
W53_Type 4	15	15	100.0%	60%	PASS
W53_Type 5	15	15	100.0%	60%	PASS
W53_Type 6	15	15	100.0%	60%	PASS
W53_Type 7	15	15	100.0%	60%	PASS
W53_Type 8	15	15	100.0%	60%	PASS

802.11be_20MHz_5600MHz

Radar test signal	Nr of Times Triggered	Total Trial	Detection Probability	Limit	Result
W56_Type 1	15	15	100.0%	60%	PASS
W56_Type 2	15	15	100.0%	60%	PASS
W56_Type 3	15	15	100.0%	60%	PASS
W56_Type 4	15	15	100.0%	60%	PASS
W56_Type 5	15	15	100.0%	60%	PASS
W56_Type 6	15	15	100.0%	60%	PASS
W56_Chirp	15	15	100.0%	60%	PASS
W56_Hopping	15	15	100.0%	60%	PASS

802.11be_20MHz_5720MHz

Radar test signal	Nr of Times Triggered	Total Trial	Detection Probability	Limit	Result
W56_Type 1	15	15	100.0%	60%	PASS
W56_Type 2	15	15	100.0%	60%	PASS
W56_Type 3	15	15	100.0%	60%	PASS
W56_Type 4	15	15	100.0%	60%	PASS
W56_Type 5	15	15	100.0%	60%	PASS
W56_Type 6	15	15	100.0%	60%	PASS
W56_Chirp	15	15	100.0%	60%	PASS
W56_Hopping	15	15	100.0%	60%	PASS

802.11be_40MHz_5510MHz

Radar test signal	Nr of Times Triggered	Total Trial	Detection Probability	Limit	Result
W53_Type 1	15	15	100.0%	60%	PASS
W53_Type 2	15	15	100.0%	60%	PASS
W53_Type 3	15	15	100.0%	60%	PASS
W53_Type 4	15	15	100.0%	60%	PASS
W53_Type 5	15	15	100.0%	60%	PASS
W53_Type 6	15	15	100.0%	60%	PASS
W53_Type 7	15	15	100.0%	60%	PASS
W53_Type 8	15	15	100.0%	60%	PASS

802.11be_40MHz_5590MHz

Radar test signal	Nr of Times Triggered	Total Trial	Detection Probability	Limit	Result
W56_Type 1	15	15	100.0%	60%	PASS
W56_Type 2	15	15	100.0%	60%	PASS
W56_Type 3	15	15	100.0%	60%	PASS
W56_Type 4	15	15	100.0%	60%	PASS

W56_Type 5	15	15	100.0%	60%	PASS
W56_Type 6	15	15	100.0%	60%	PASS
W56_Chirp	15	15	100.0%	60%	PASS
W56_Hopping	15	15	100.0%	60%	PASS

802.11be_40MHz_5710MHz

Radar test signal	Nr of Times Triggered	Total Trial	Detection Probability	Limit	Result
W56_Type 1	15	15	100.0%	60%	PASS
W56_Type 2	15	15	100.0%	60%	PASS
W56_Type 3	15	15	100.0%	60%	PASS
W56_Type 4	15	15	100.0%	60%	PASS
W56_Type 5	15	15	100.0%	60%	PASS
W56_Type 6	15	15	100.0%	60%	PASS
W56_Chirp	15	15	100.0%	60%	PASS
W56_Hopping	15	15	100.0%	60%	PASS

802.11be_80MHz_5530MHz

Radar test signal	Nr of Times Triggered	Total Trial	Detection Probability	Limit	Result
W56_Type 1	15	15	100.0%	60%	PASS
W56_Type 2	15	15	100.0%	60%	PASS
W56_Type 3	14	15	93.33%	60%	PASS
W56_Type 4	15	15	100.0%	60%	PASS
W56_Type 5	15	15	100.0%	60%	PASS
W56_Type 6	15	15	100.0%	60%	PASS
W56_Chirp	15	15	100.0%	60%	PASS
W56_Hopping	13	15	86.67%	60%	PASS

802.11be_80MHz_5610MHz

Radar test signal	Nr of Times Triggered	Total Trial	Detection Probability	Limit	Result
W56_Type 1	15	15	100.0%	60%	PASS
W56_Type 2	15	15	100.0%	60%	PASS
W56_Type 3	14	15	93.33%	60%	PASS
W56_Type 4	15	15	100.0%	60%	PASS
W56_Type 5	15	15	100.0%	60%	PASS
W56_Type 6	15	15	100.0%	60%	PASS
W56_Chirp	15	15	100.0%	60%	PASS
W56_Hopping	14	15	93.33%	60%	PASS

802.11be_80MHz_5570MHz

Radar test signal	Nr of Times Triggered	Total Trial	Detection Probability	Limit	Result
W56_Type 1	14	15	93.0%	60%	PASS
W56_Type 2	15	15	100.0%	60%	PASS
W56_Type 3	13	15	86.67%	60%	PASS
W56_Type 4	15	15	100.0%	60%	PASS
W56_Type 5	15	15	100.0%	60%	PASS
W56_Type 6	14	15	93.33%	60%	PASS
W56_Chirp	15	15	100.0%	60%	PASS
W56_Hopping	14	15	93.33%	60%	PASS

Channel Shutdown

Test Result of Channel Shutdown

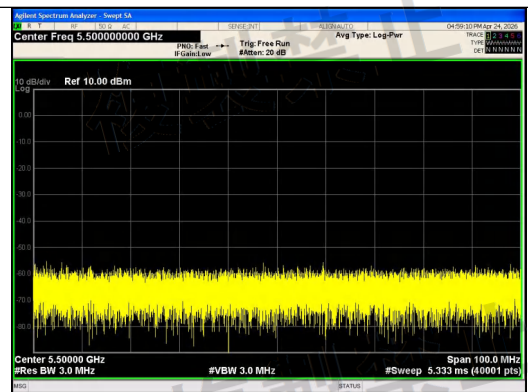
IEEE 802.11be

BW/Frequency	Test Item	Test Result(ms)	Limit(ms)	Result
20MHz/5500MHz	Channel Move Time	0.23	10	PASS
	Channel Closing			
	Transmission Time	11.2	<200+60ms	PASS
40MHz/5510MHz	Channel Move Time	0.23	10	PASS
	Channel Closing			
	Transmission Time	6.8	<200+60ms	PASS
80MHz/5530MHz	Channel Move Time	0.2	10	PASS
	Channel Closing			
	Transmission Time	0.4	<200+60ms	PASS
160MHz/5570MHz	Channel Move Time	0.21	10	PASS
	Channel Closing			
	Transmission Time	4.8	<200+60ms	PASS

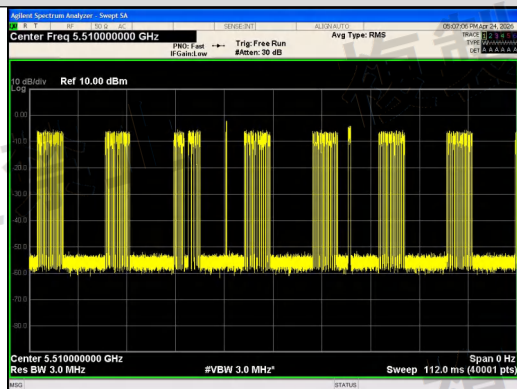
Data Traffic



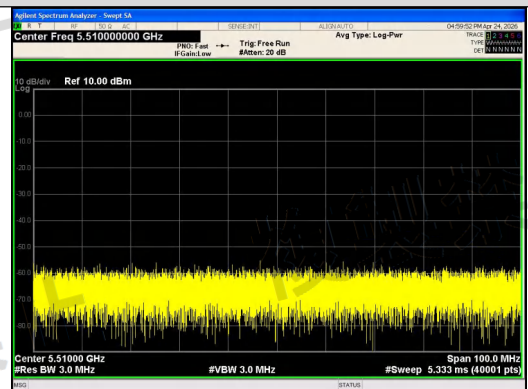
Data Traffic Plot(28.17%)



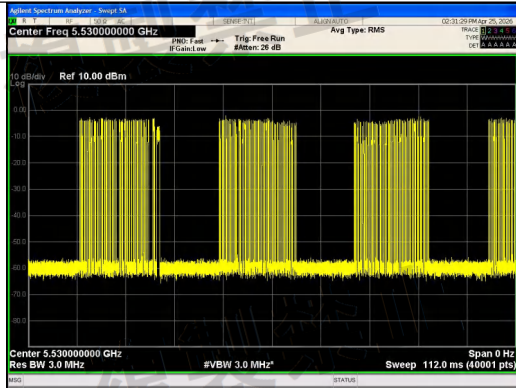
Noise Floor(No transmission)



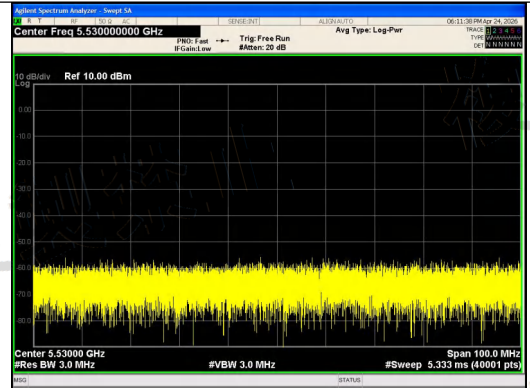
Data Traffic Plot(22.98%)



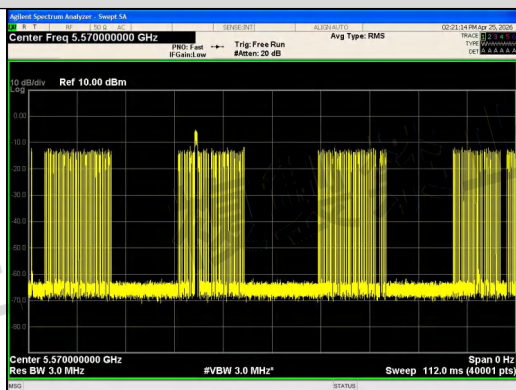
Noise Floor(No transmission)



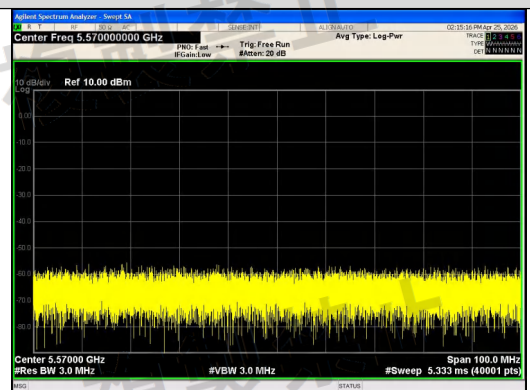
Data Traffic Plot(18.83%)



Noise Floor(No transmission)



Data Traffic Plot(19.23%)



Noise Floor(No transmission)

IEEE 802.11be

20MHz/5500MHz



Note:

- 1) Mark1 Time: 5000ms, Mark2 Time:15000ms, On time Points:28
- 2) Dwell = Sweep Time/Sweep Points = 0.4ms, C = N x Dwell = 28 x 0.4 = 11.2 ms

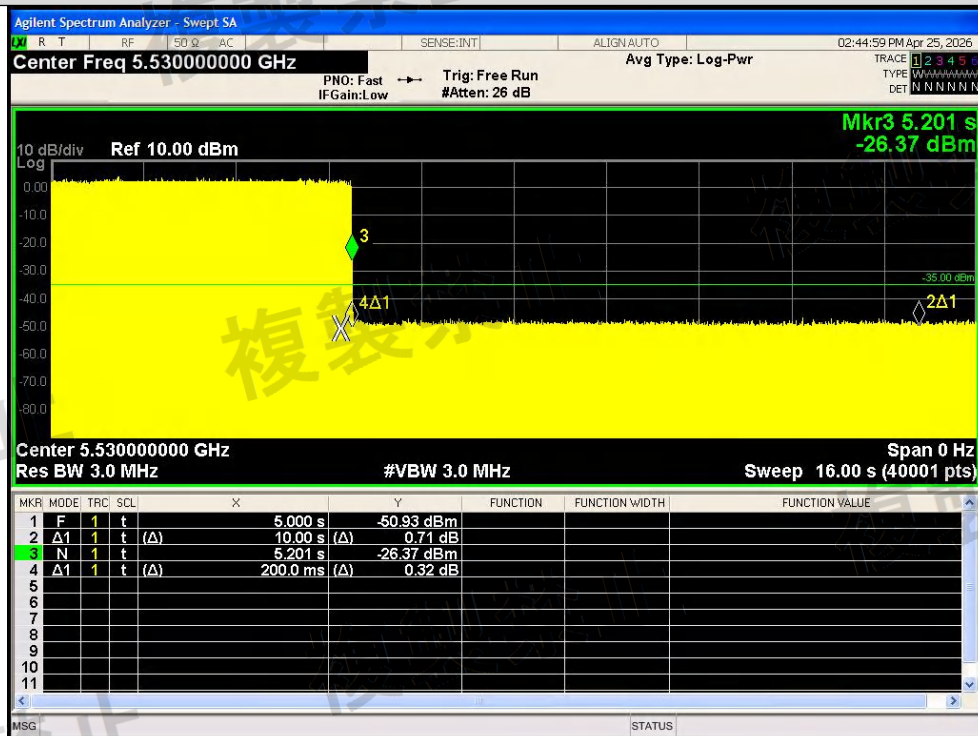
40MHz/5510MHz



Note:

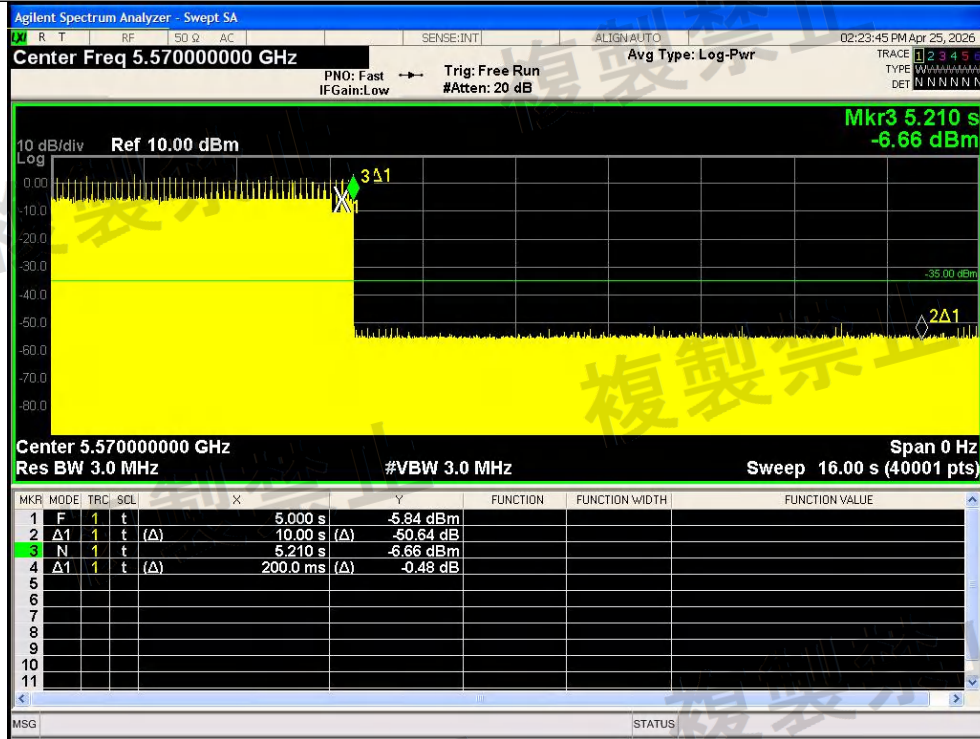
- 1) Mark1 Time: 5000ms, Mark2 Time:15000ms, On time Points:17
- 2) Dwell = Sweep Time/Sweep Points = 0.4ms, C = N x Dwell = 17 x 0.4 = 6.8 ms

80MHz/5530MHz



Note:

- 1) Mark1 Time: 5000ms, Mark2 Time:15000ms, On time Points:1
2) Dwell = Sweep Time/Sweep Points = 0.4ms, C = N x Dwell = 1 x 0.4 = 0.4 ms

160MHz/5570MHz

Note:

- 1) Mark1 Time: 5000ms, Mark2 Time:15000ms, On time Points:12
2) Dwell = Sweep Time/Sweep Points = 0.4ms, C = N x Dwell = 12 x 0.4 = 4.8 ms

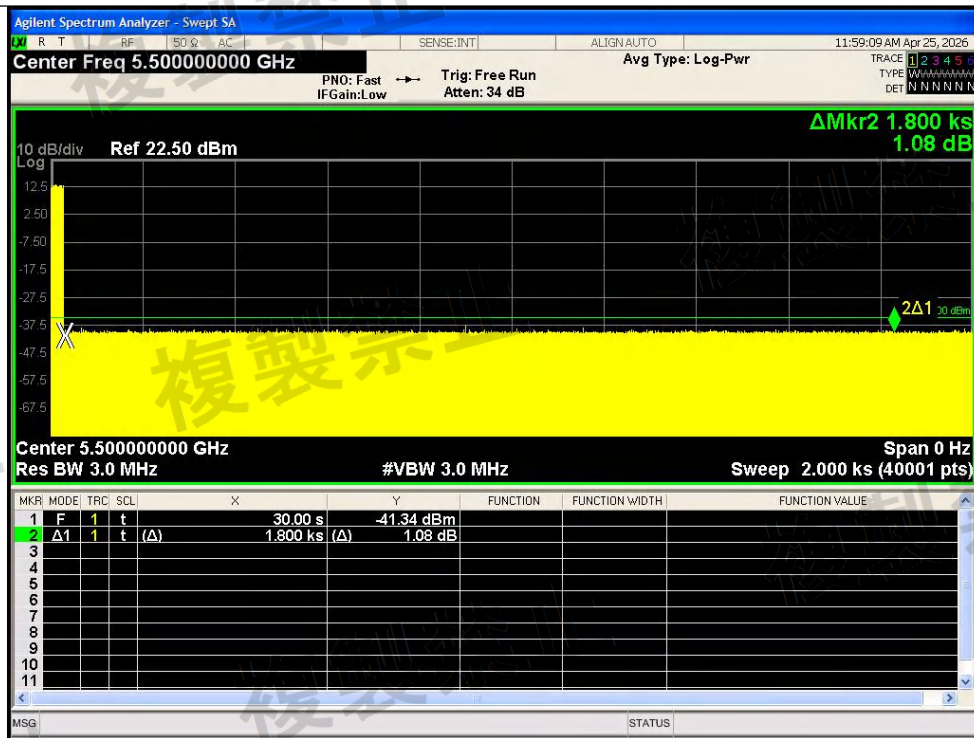
Non-Occupancy Period Test Result of Non-Occupancy Period

IEEE 802.11be

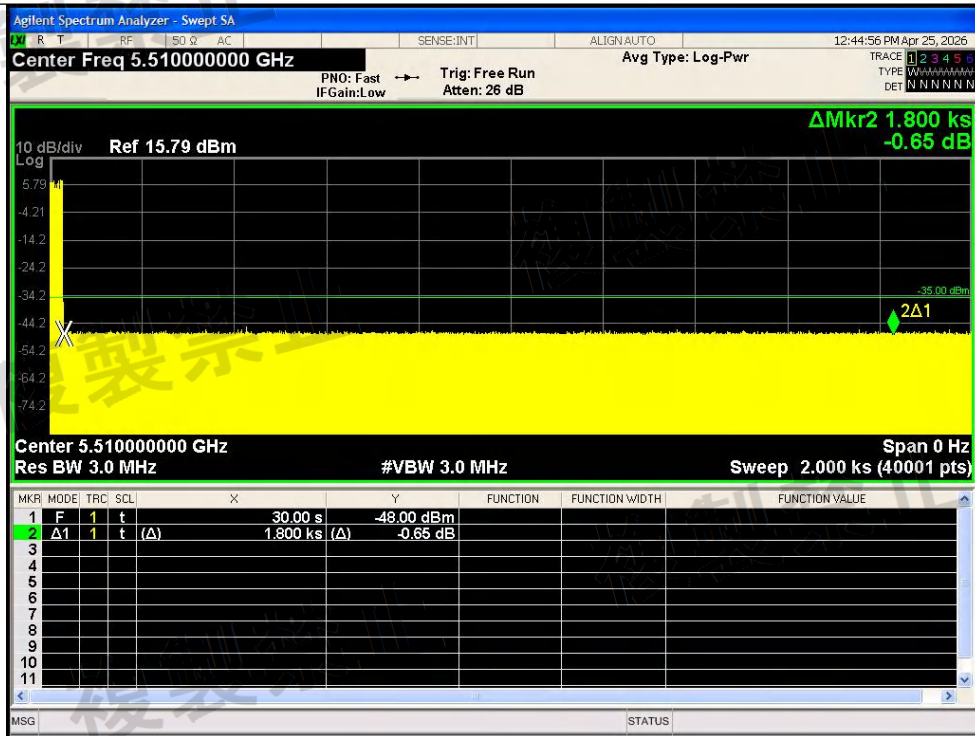
BW/Frequency	Test Item	Test Result	Limit	Result
20MHz/5500MHz	Non-Occupancy Period	No transmission	30 minutes	PASS
40MHz/5510MHz	Non-Occupancy Period	No transmission	30 minutes	PASS
80MHz/5530MHz	Non-Occupancy Period	No transmission	30 minutes	PASS
160MHz/5570MHz	Non-Occupancy Period	No transmission	30 minutes	PASS

Test Plots of Non-Occupancy Period

IEEE 802.11be



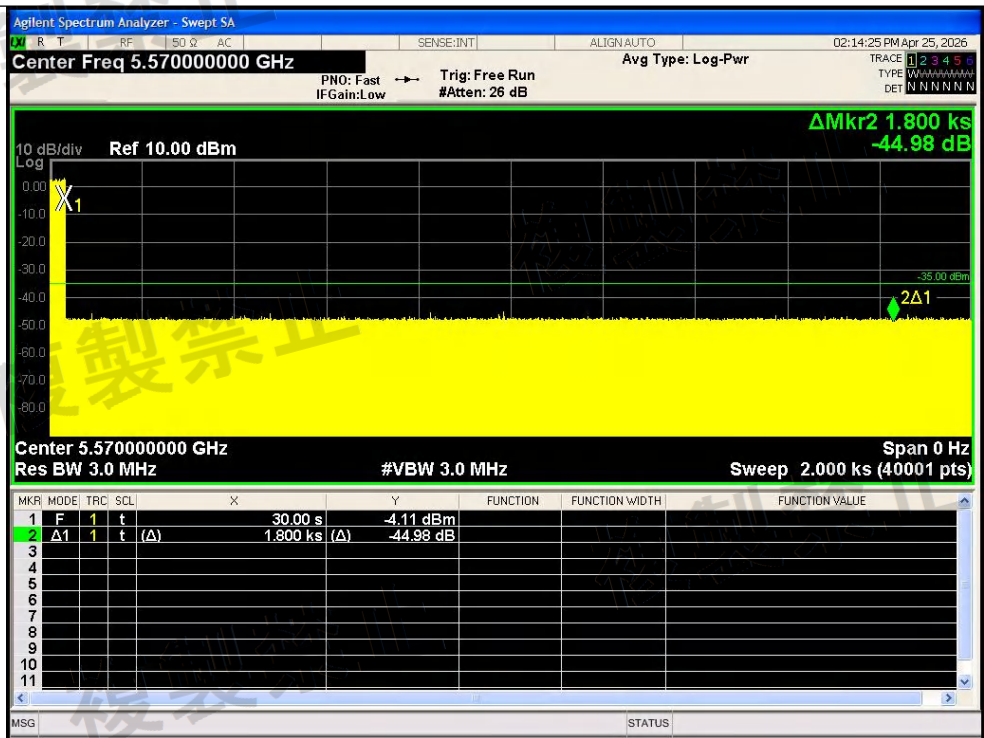
Non-Occupancy Period
IEEE 802.11be_20 Channel 100



Non-Occupancy Period
IEEE 802.11be_40 Channel 102



Non-Occupancy Period
IEEE 802.11be_80 Channel 106



Non-Occupancy Period
IEEE 802.11be_160 Channel 114

-----END OF THE REPORT-----