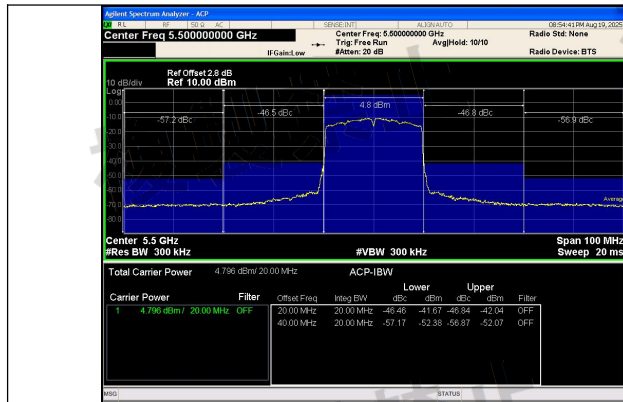
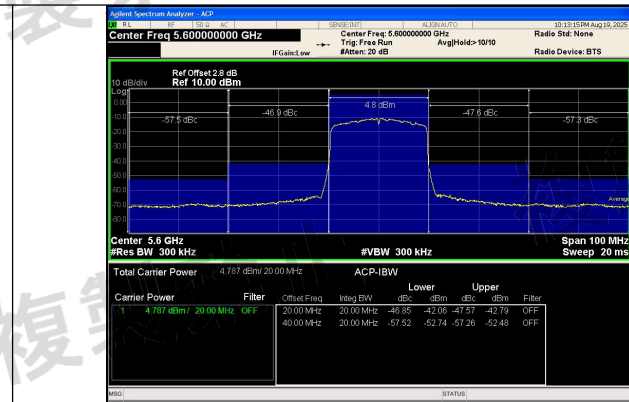
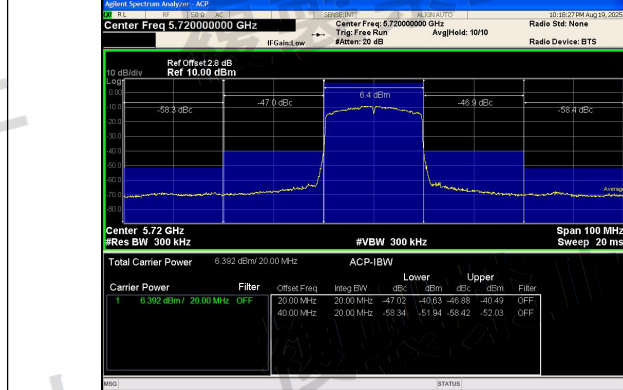




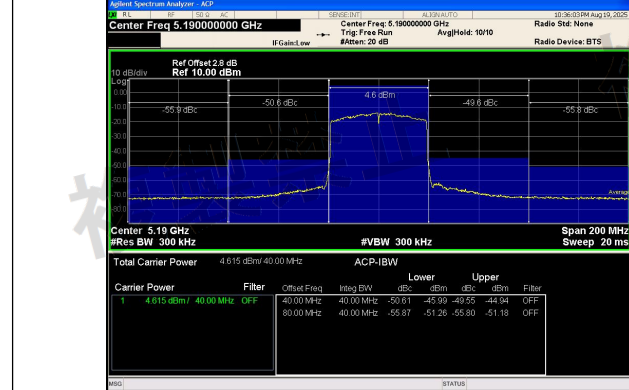
NT/NV_Antenna 1_IEEE 802.11ax_20_Channel 100_SU



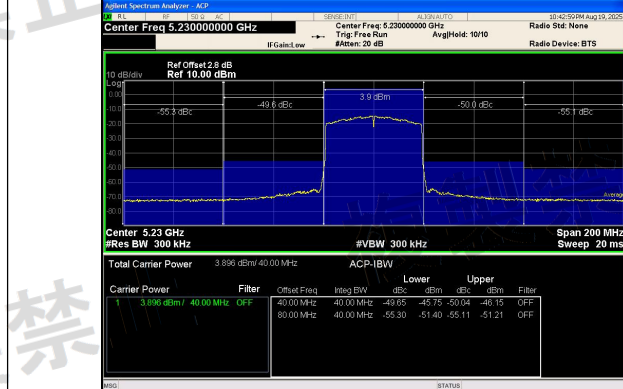
NT/NV_Antenna 1_IEEE 802.11ax_20_Channel 120_SU



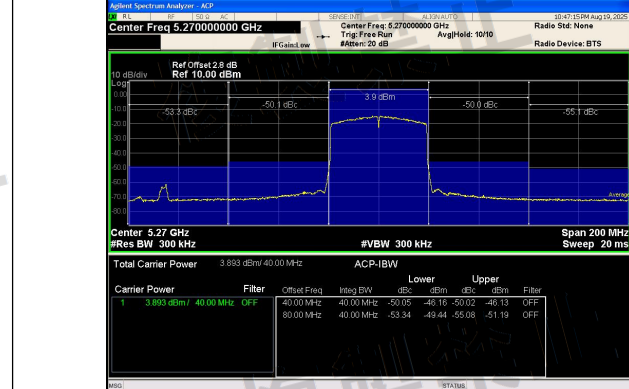
NT/NV_Antenna 1_IEEE 802.11ax_20_Channel 144_SU



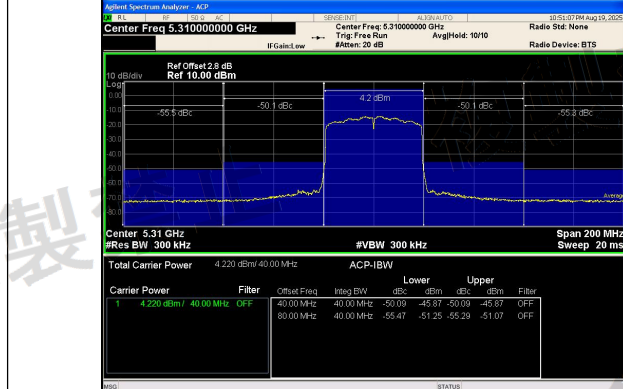
NT/NV_Antenna 1_IEEE 802.11ax_40_Channel 38_SU



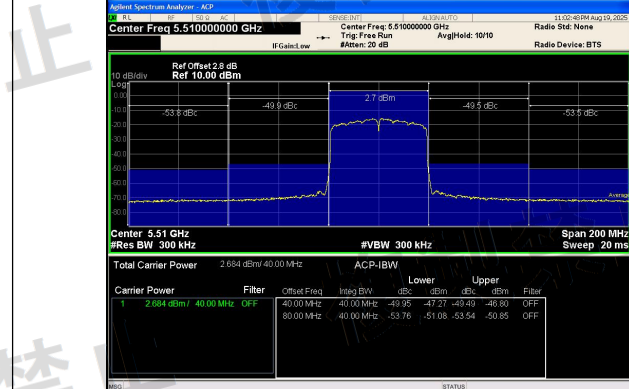
NT/NV_Antenna 1_IEEE 802.11ax_40_Channel 46_SU



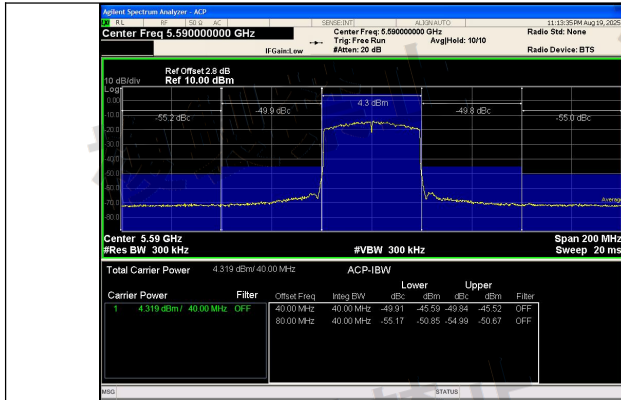
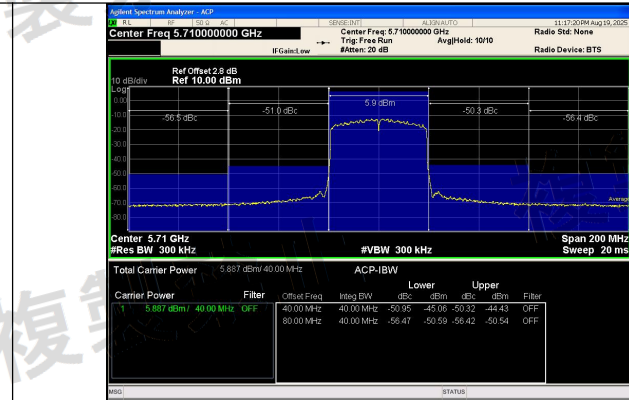
NT/NV_Antenna 1_IEEE 802.11ax_40_Channel 54_SU



NT/NV_Antenna 1_IEEE 802.11ax_40_Channel 62_SU

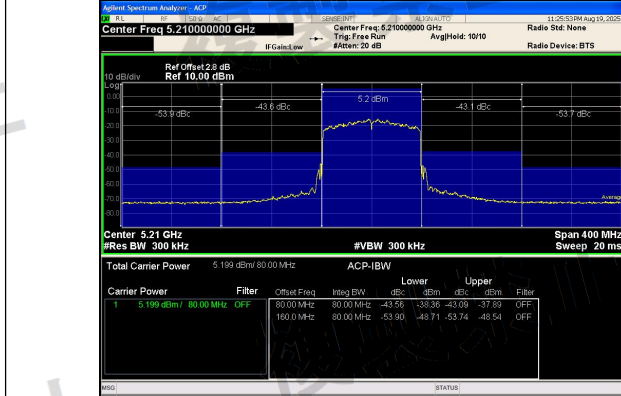
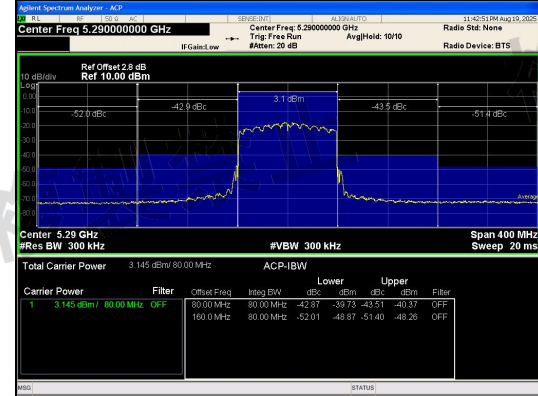


NT/NV_Antenna 1_IEEE 802.11ax_40_Channel 102_SU



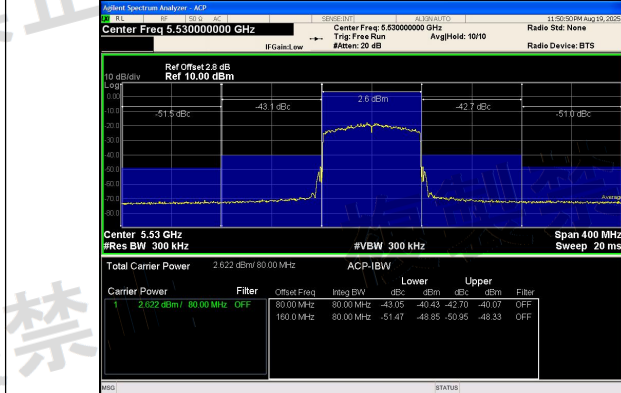
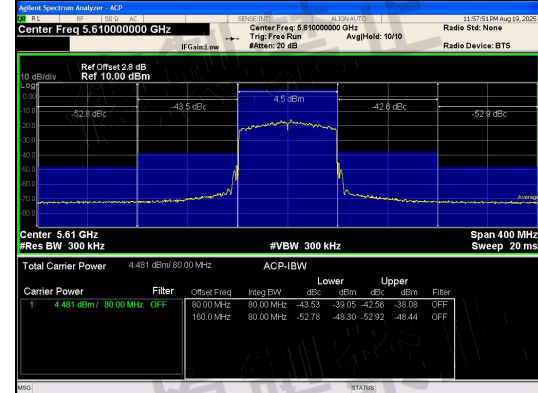
NT/NV_Antenna 1_IEEE 802.11ax_40_Channel 118_SU

NT/NV_Antenna 1_IEEE 802.11ax_40_Channel 142_SU



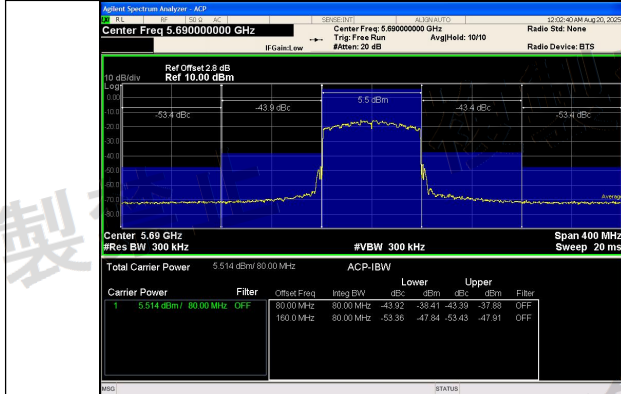
NT/NV_Antenna 1_IEEE 802.11ax_80_Channel 42_SU

NT/NV_Antenna 1_IEEE 802.11ax_80_Channel 58_SU



NT/NV_Antenna 1_IEEE 802.11ax_80_Channel 106_SU

NT/NV_Antenna 1_IEEE 802.11ax_80_Channel 122_SU



NT/NV_Antenna 1_IEEE 802.11ax_80_Channel 138_SU

7.Transmission Burst Length

Test Result

Note:

In the report, only the data from the worst antenna 1 is recorded.

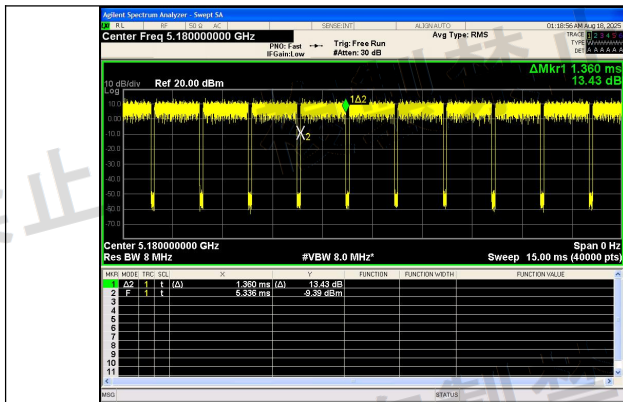
Condition	Mode	Frequency (MHz)	Transmission burst length (ms)	Limit (ms)	Result
			Ant. 0		
NT/NV	IEEE 802.11a	5180	1.36	≤8	PASS
		5200	1.36		PASS
		5240	1.36		PASS
		5260	1.36		PASS
		5300	1.36		PASS
		5320	1.36		PASS
		5500	1.36		PASS
		5600	1.36		PASS
		5720	1.36		PASS
	IEEE 802.11n_20	5180	1.27		PASS
		5200	1.27		PASS
		5240	1.27		PASS
		5260	1.27		PASS
		5300	1.27		PASS
		5320	1.27		PASS
		5500	1.27		PASS
		5600	1.27		PASS
		5720	1.27		PASS
	IEEE 802.11n_40	5190	0.63		PASS
		5230	0.63		PASS
		5270	0.63		PASS
		5310	0.63		PASS
		5510	0.63		PASS
		5590	0.63		PASS
		5710	0.63		PASS
	IEEE 802.11ac_20	5180	1.28		PASS
		5200	1.28		PASS
		5240	1.28		PASS
		5260	1.28		PASS
		5300	1.28		PASS
		5320	1.28		PASS
		5500	1.28		PASS
		5600	1.28		PASS
		5720	1.28		PASS
	IEEE 802.11ac_40	5190	0.64		PASS
		5230	0.64		PASS
		5270	0.64		PASS
		5310	0.64		PASS
		5510	0.64		PASS
		5590	0.64		PASS
		5710	0.64		PASS
		5710	0.64		PASS
	IEEE 802.11ac_80	5210	0.32		PASS
		5290	0.32		PASS
		5530	0.32		PASS
		5610	0.32		PASS
		5690	0.32		PASS
	IEEE 802.11ax_20	5180	0.99		PASS
		5200	0.99		PASS
		5240	0.99		PASS
		5260	0.99		PASS
		5300	0.99		PASS

	IEEE 802.11ax_40	5320	0.99		PASS
		5500	0.99		PASS
		5600	0.99		PASS
		5720	0.99		PASS
		5190	0.52		PASS
		5230	0.52		PASS
		5270	0.52		PASS
		5310	0.52		PASS
	IEEE 802.11ax_80	5510	0.52		PASS
		5590	0.52		PASS
		5710	0.52		PASS
		5210	0.28		PASS
		5290	0.28		PASS
		5530	0.28		PASS
		5610	0.28		PASS
		5690	0.28		PASS

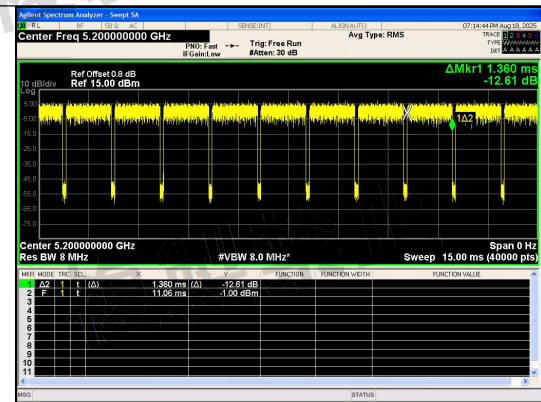
Test Graphs

NT/NV

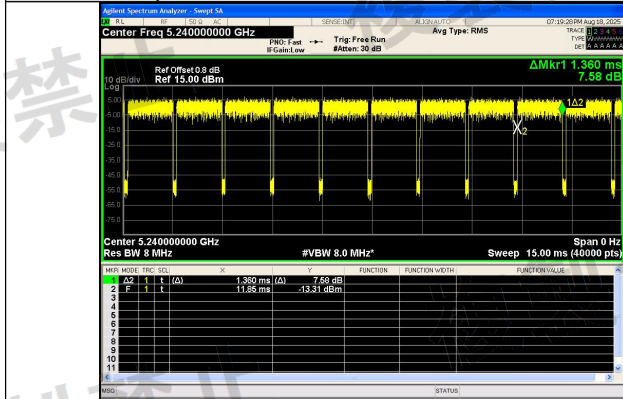
IEEE 802.11a



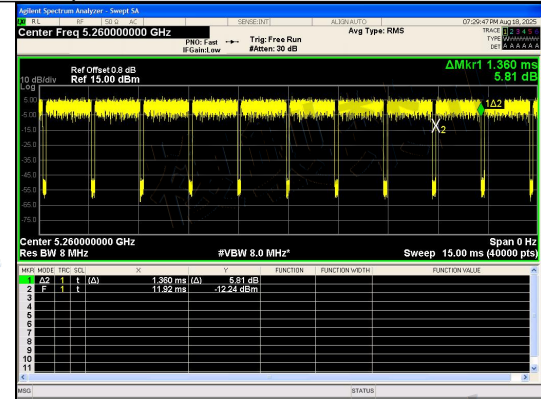
NT/NV_Antenna 1 IEEE 802.11a_Channel 36



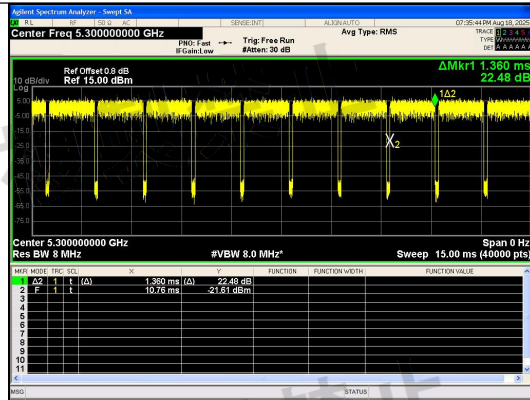
NT/NV_Antenna 1 IEEE 802.11a_Channel 40



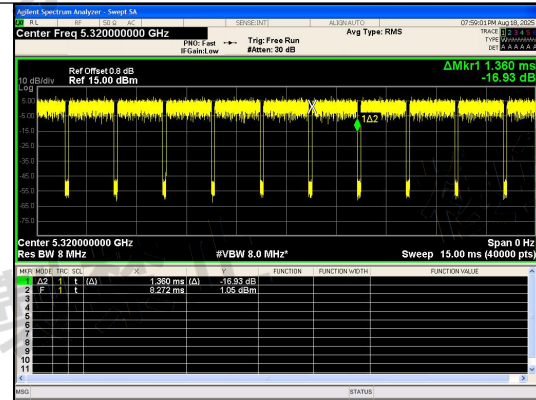
NT/NV_Antenna 1 IEEE 802.11a_Channel 48



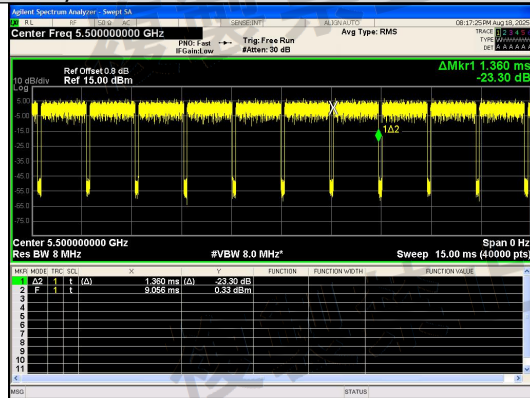
NT/NV_Antenna 1 IEEE 802.11a_Channel 52



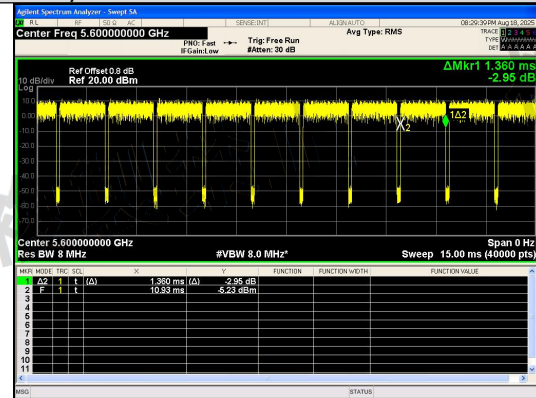
NT/NV_Antenna 1_IEEE 802.11a_Channel 60



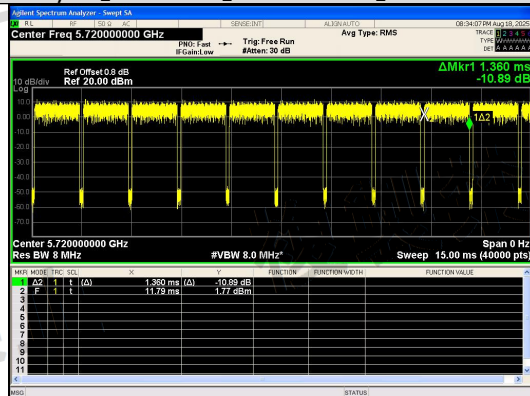
NT/NV_Antenna 1_IEEE 802.11a_Channel 64



NT/NV_Antenna 1_IEEE 802.11a_Channel 100

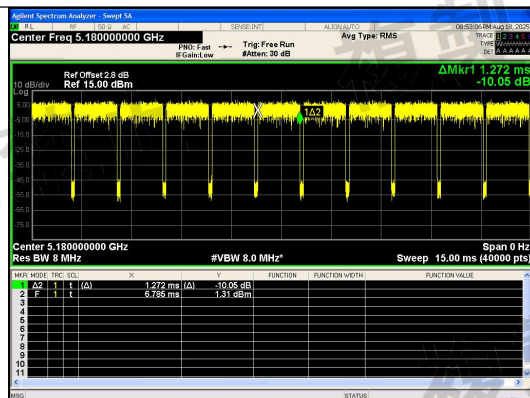


NT/NV_Antenna 1_ IEEE 802.11a_Channel 120

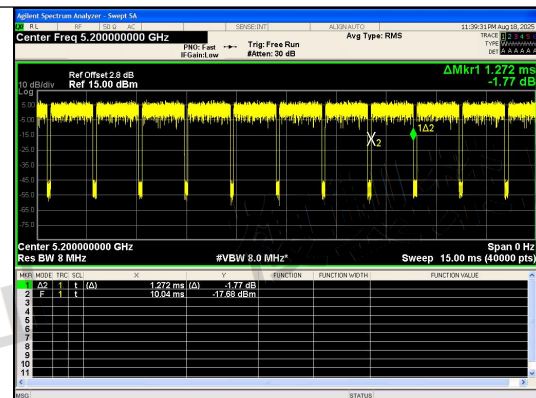


NT/NV_Antenna 1_ IEEE 802.11a_Channel 144

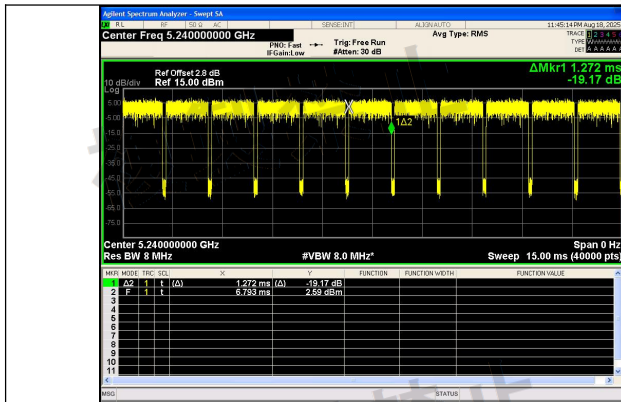
IEEE 802.11n_20



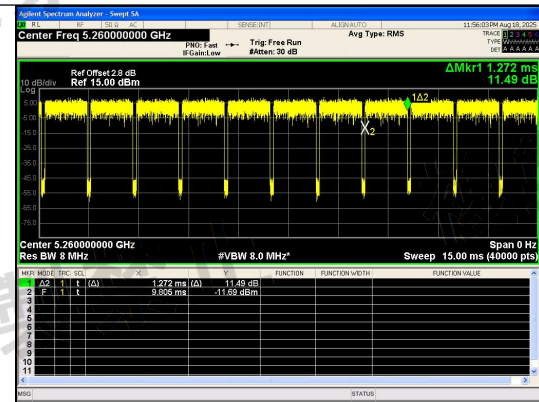
NT/NV_Antenna 1_ IEEE 802.11n_20_Channel 36



NT/NV_Antenna 1_ IEEE 802.11n_20_Channel 40

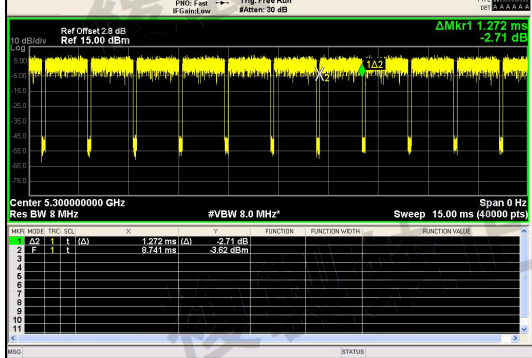


NT/NV_Antenna 1_IEEE 802.11n_20_Channel 48

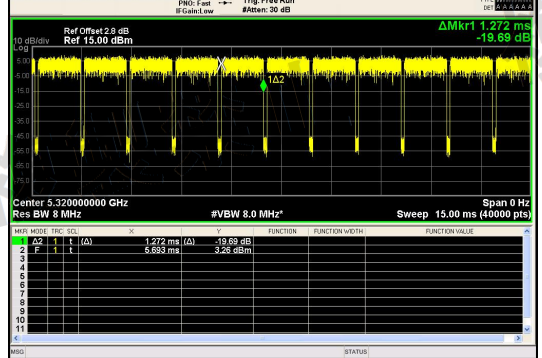


NT/NV_Antenna 1_IEEE 802.11n_20_Channel 52

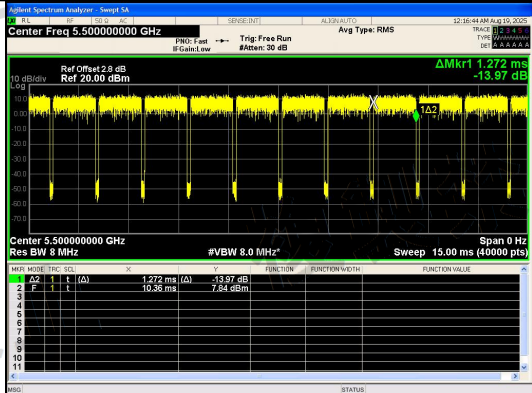
NT/NV_Antenna 1_IEEE 802.11n_20_Channel 48



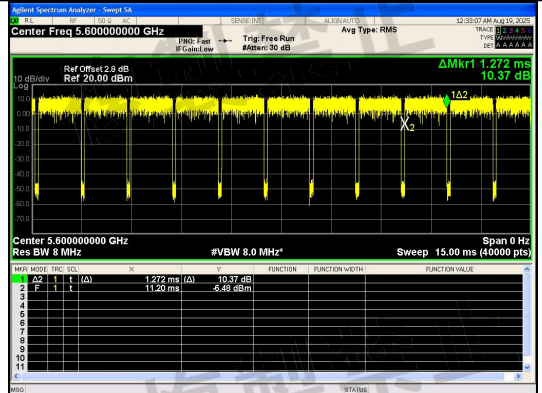
NT/NV_Antenna 1_IEEE 802.11n_20_Channel 52



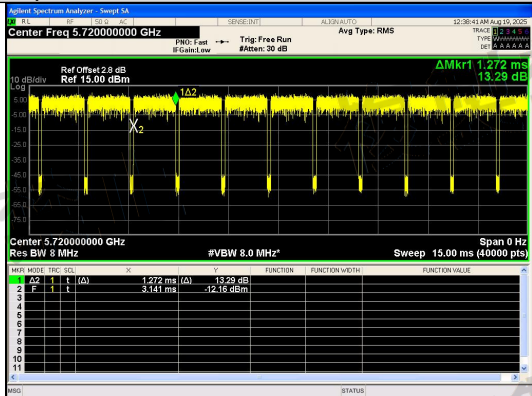
NT/NV_Antenna 1_IEEE 802.11n_20_Channel 60



NT/NV_Antenna 1_IEEE 802.11n_20_Channel 64



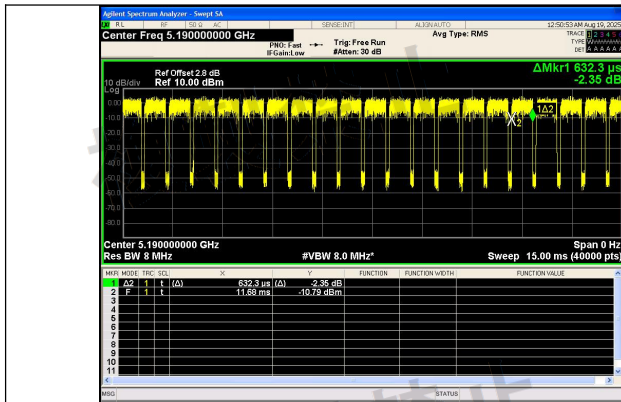
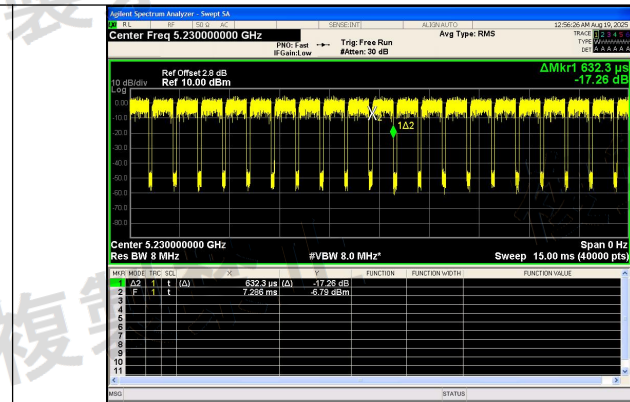
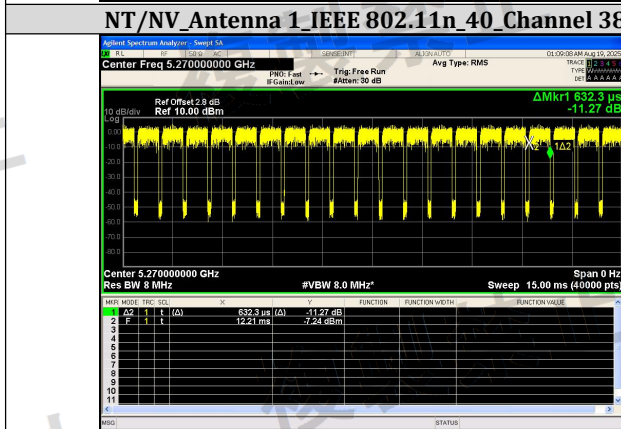
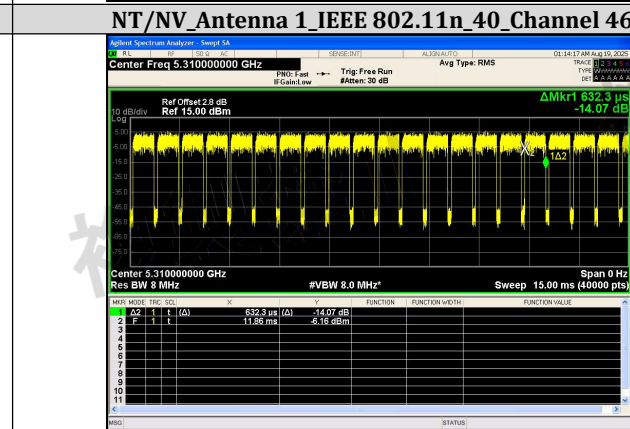
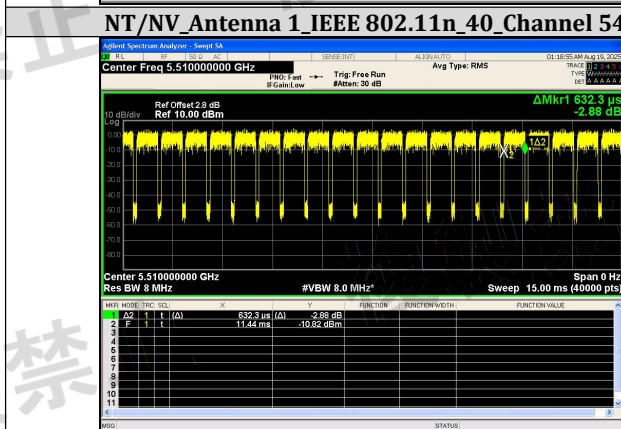
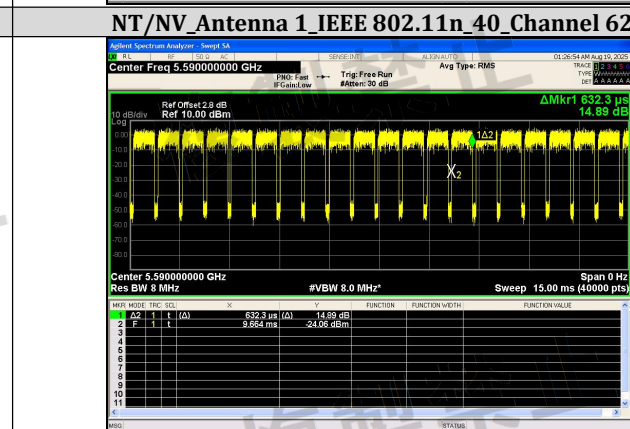
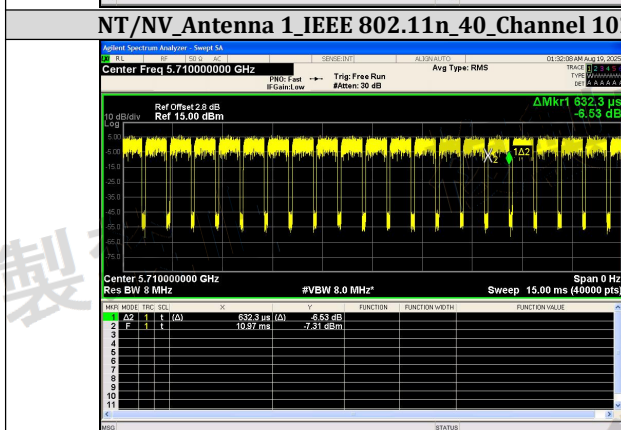
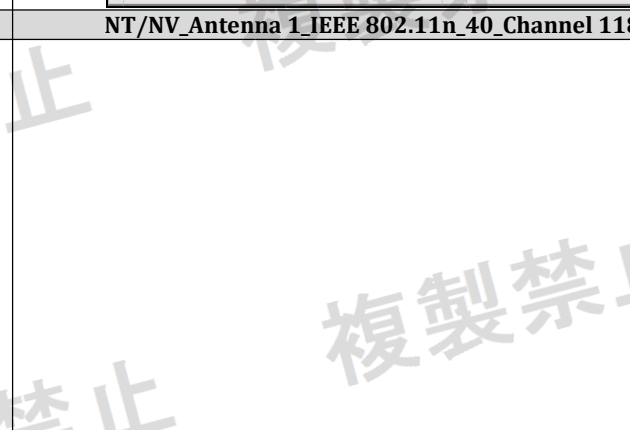
NT/NV_Antenna 1_IEEE 802.11n_20_Channel 100



NT/NV_Antenna 1_IEEE 802.11n_20_Channel 120

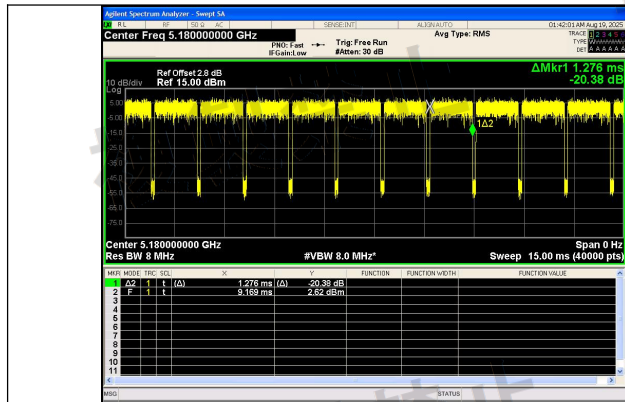
NT/NV_Antenna 1_IEEE 802.11n_20_Channel 144

IEEE 802.11n_40

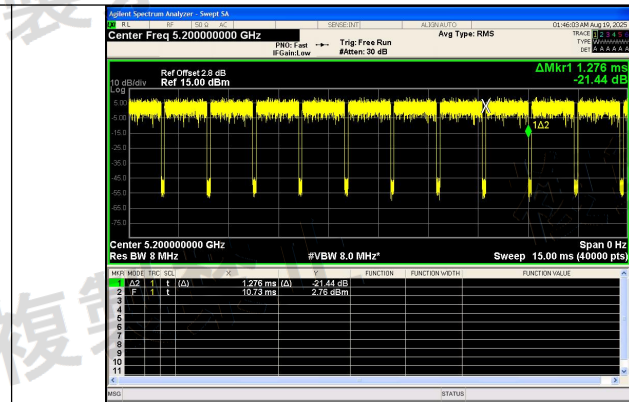


NT/NV_Antenna 1_IEEE 802.11n_40_Channel 142

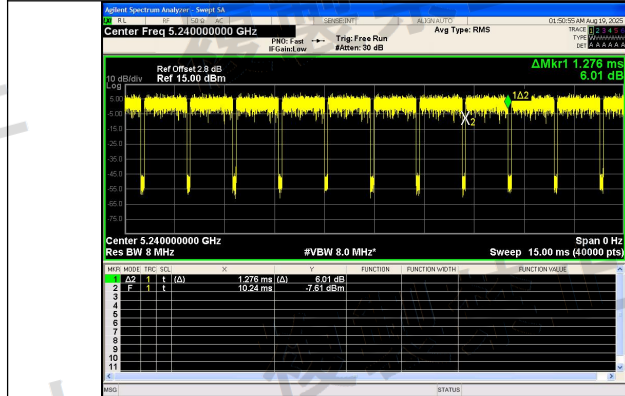
IEEE 802.11ac_20



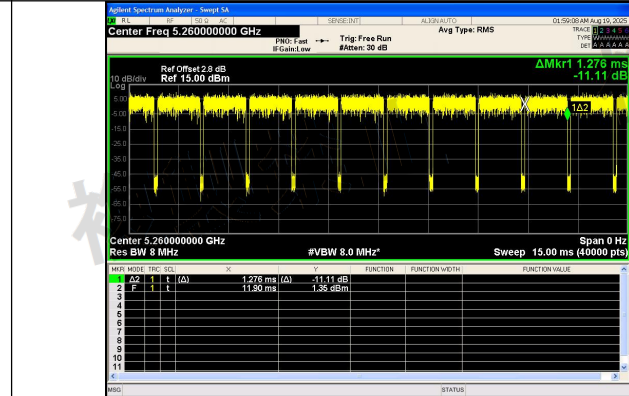
NT/NV_Antenna 1_IEEE 802.11ac_20_Channel 36



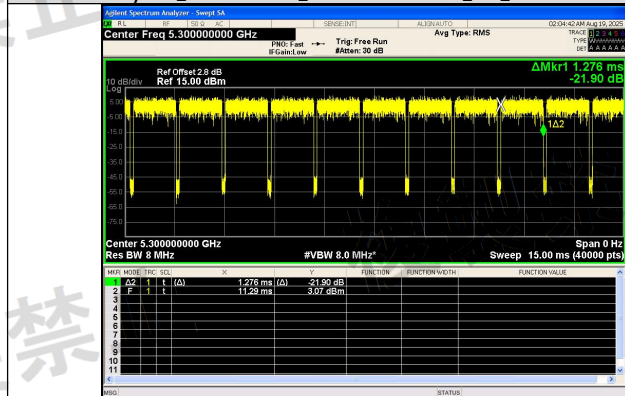
NT/NV_Antenna 1_IEEE 802.11ac_20_Channel 40



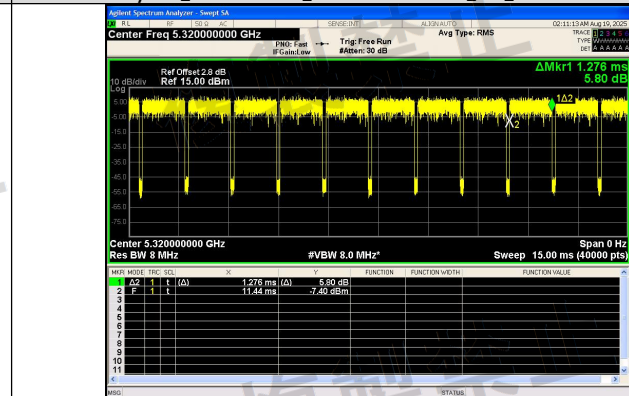
NT/NV_Antenna 1_IEEE 802.11ac_20_Channel 48



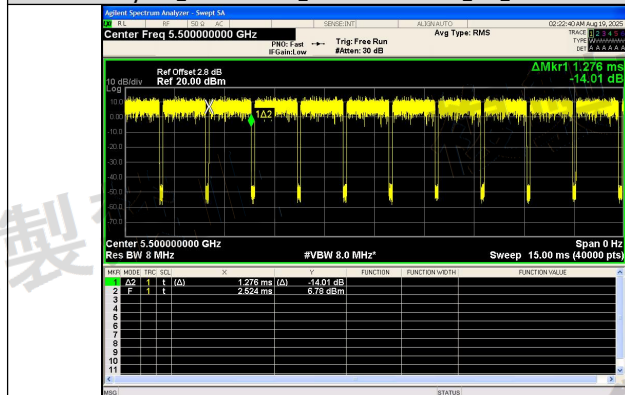
NT/NV_Antenna 1_IEEE 802.11ac_20_Channel 52



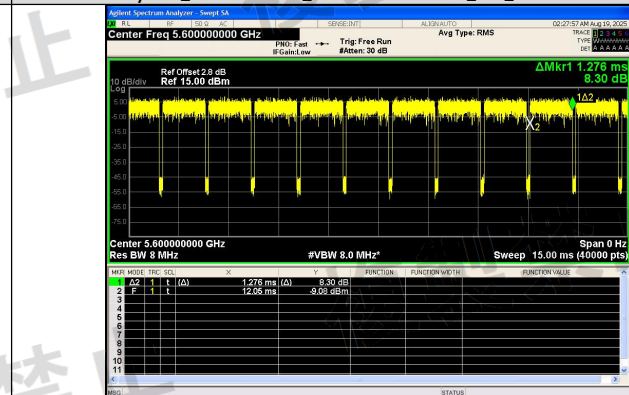
NT/NV_Antenna 1_IEEE 802.11ac_20_Channel 60



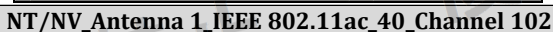
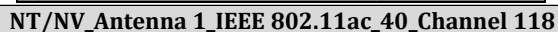
NT/NV_Antenna 1_IEEE 802.11ac_20_Channel 64

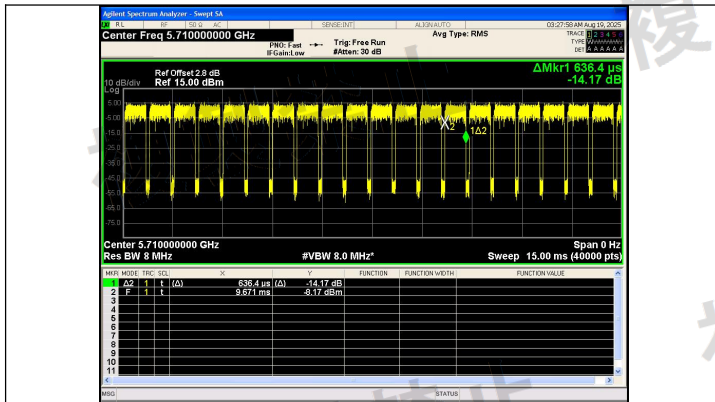


NT/NV_Antenna 1_IEEE 802.11ac_20_Channel 100

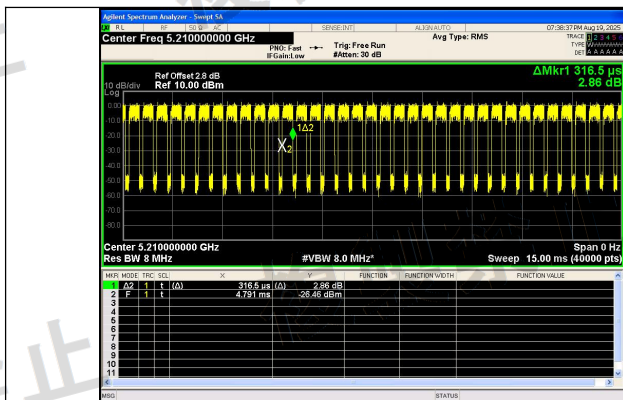


NT/NV_Antenna 1_IEEE 802.11ac_20_Channel 120





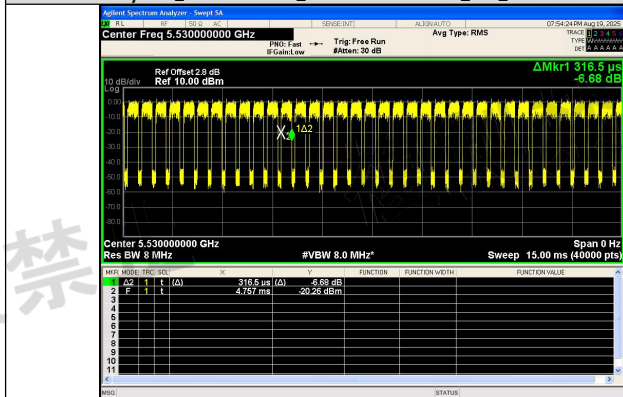
NT/NV_Antenna 1_ IEEE 802.11ac_40_Channel 142
IEEE 802.11ac_80



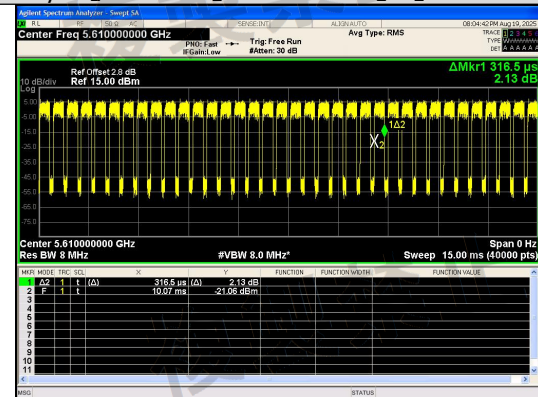
NT/NV_Antenna 1_ IEEE 802.11ac_80_Channel 42



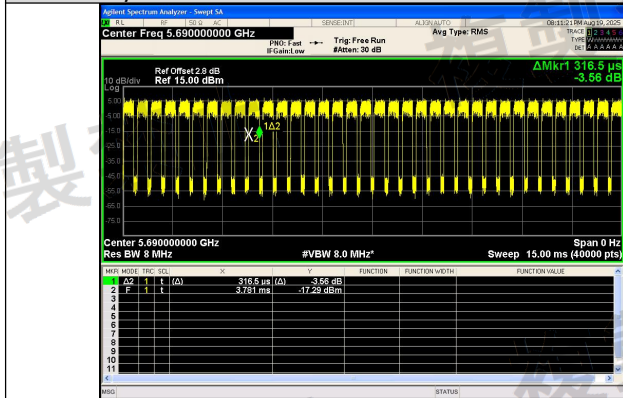
NT/NV_Antenna 1_ IEEE 802.11ac_80_Channel 58



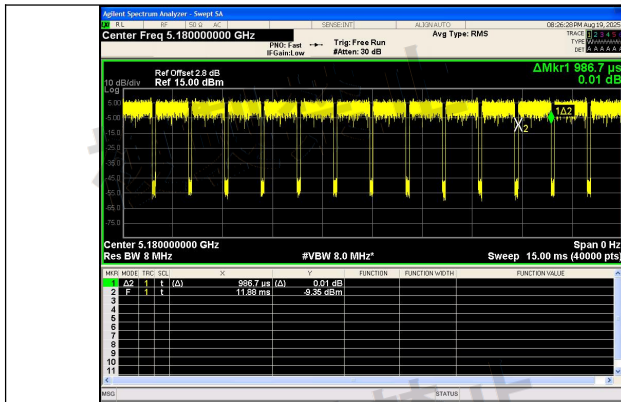
NT/NV_Antenna 1_ IEEE 802.11ac_80_Channel 106



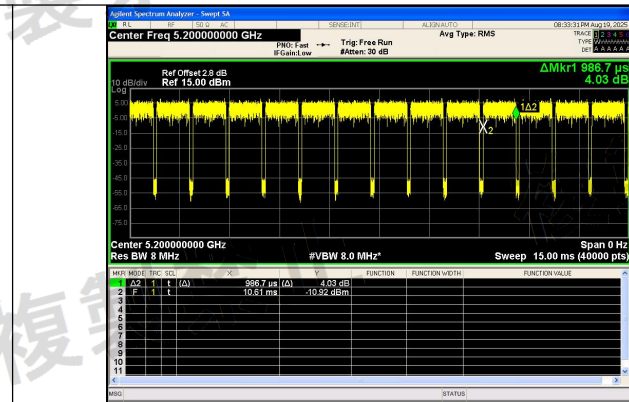
NT/NV_Antenna 1_ IEEE 802.11ac_80_Channel 122



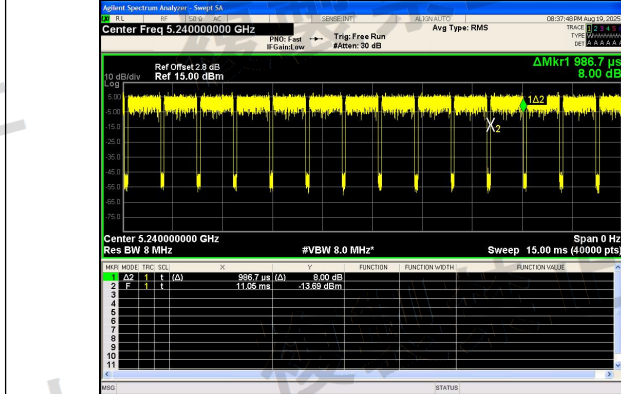
NT/NV_Antenna 1_ IEEE 802.11ac_80_Channel 138
IEEE 802.11ax_20



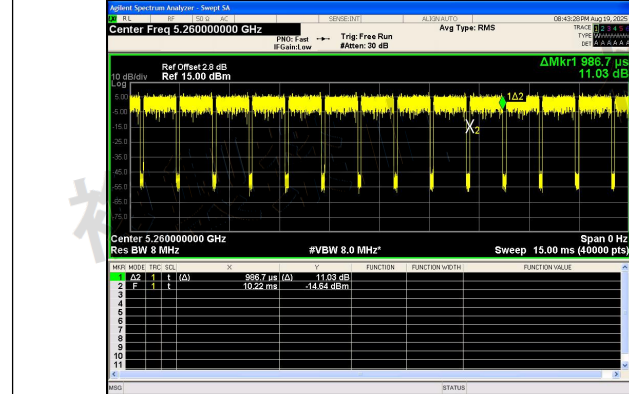
NT/NV_Antenna 1_IEEE 802.11ax_20_Channel 36_-



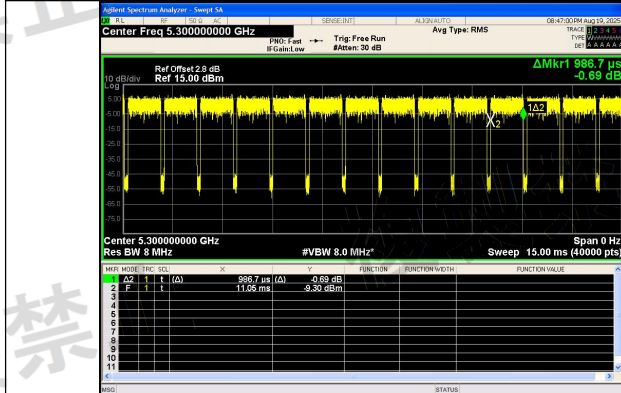
NT/NV_Antenna 1_IEEE 802.11ax_20_Channel 40_-



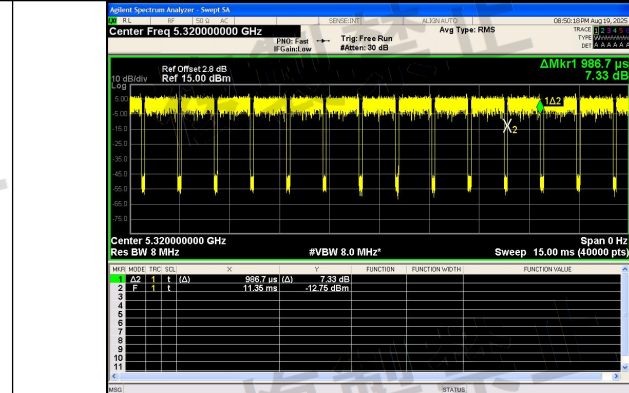
NT/NV_Antenna 1_IEEE 802.11ax_20_Channel 48_-



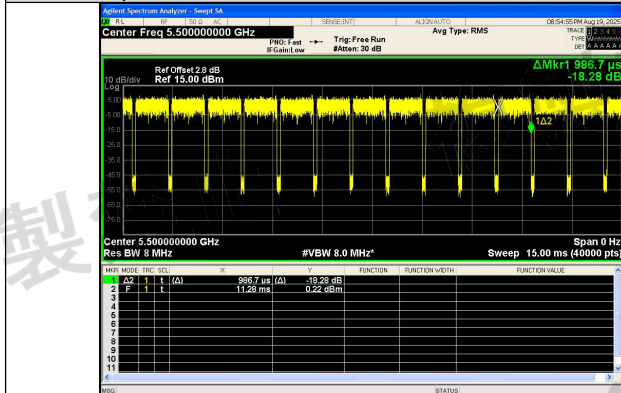
NT/NV_Antenna 1_IEEE 802.11ax_20_Channel 52_-



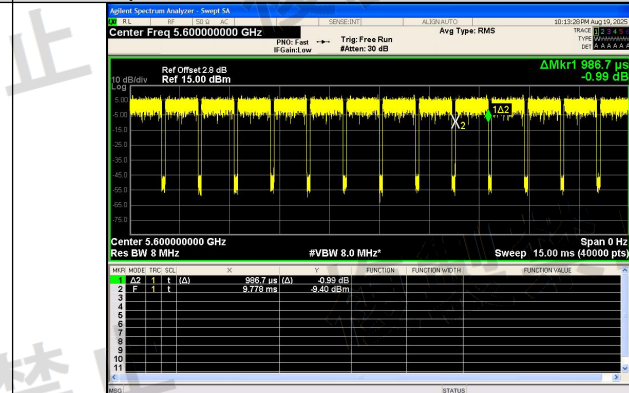
NT/NV_Antenna 1_IEEE 802.11ax_20_Channel 60_-



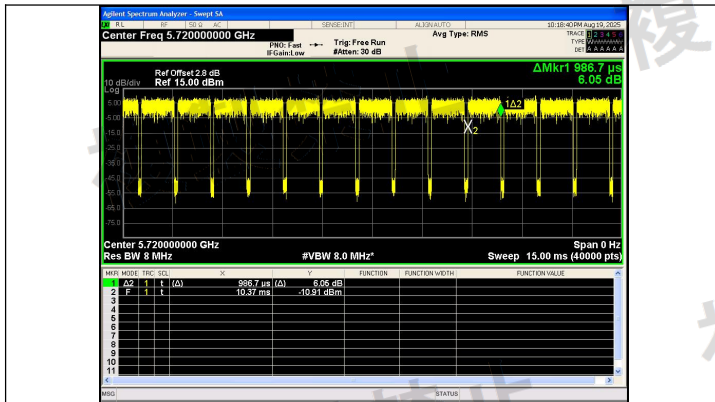
NT/NV_Antenna 1_IEEE 802.11ax_20_Channel 64_-



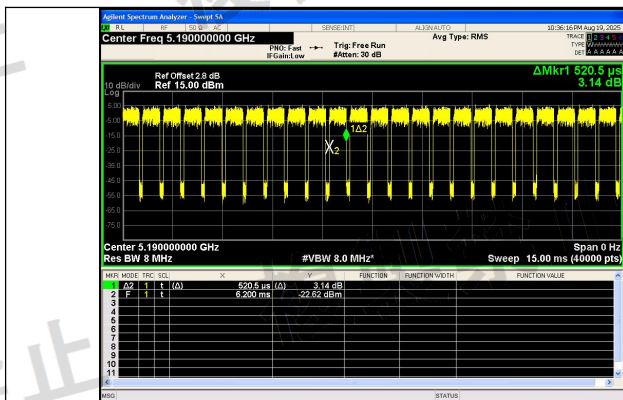
NT/NV_Antenna 1_IEEE 802.11ax_20_Channel 100_-



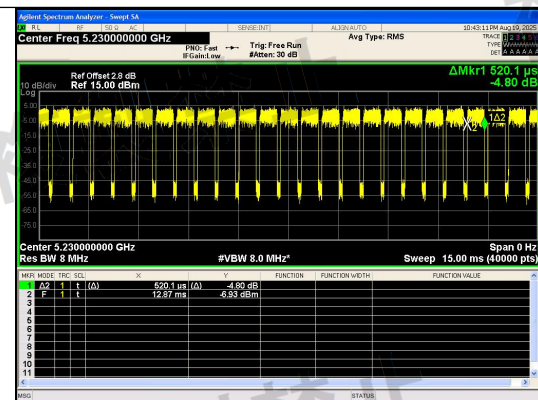
NT/NV_Antenna 1_IEEE 802.11ax_20_Channel 120_-



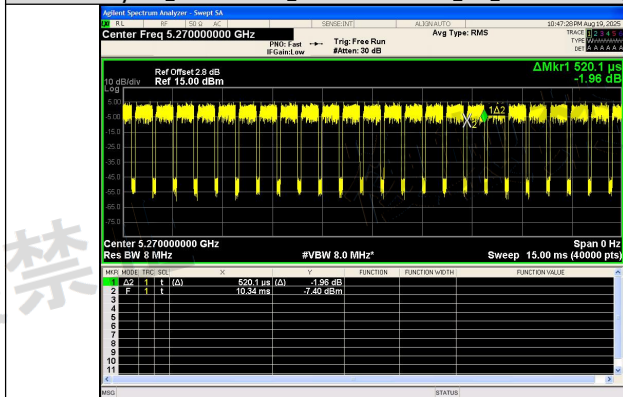
NT/NV_Antenna 1_ IEEE 802.11ax_20_Channel 144_-
IEEE 802.11ax_40



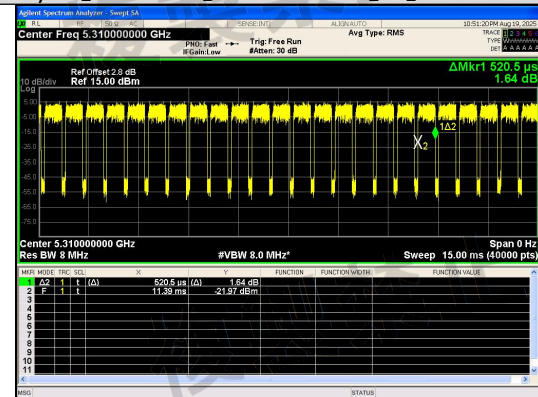
NT/NV_Antenna 1_ IEEE 802.11ax_40_Channel 38 -



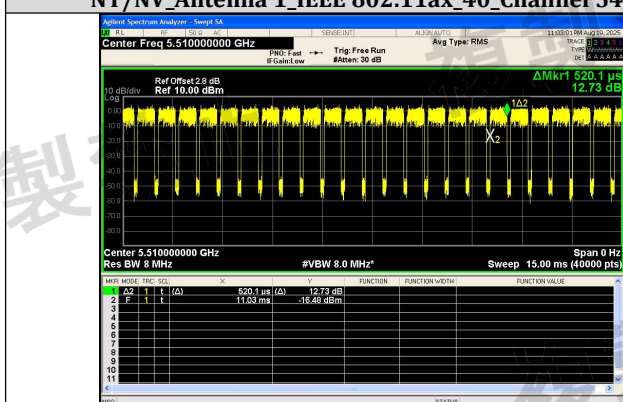
NT/NV_Antenna 1_ IEEE 802.11ax_40_Channel 46 -



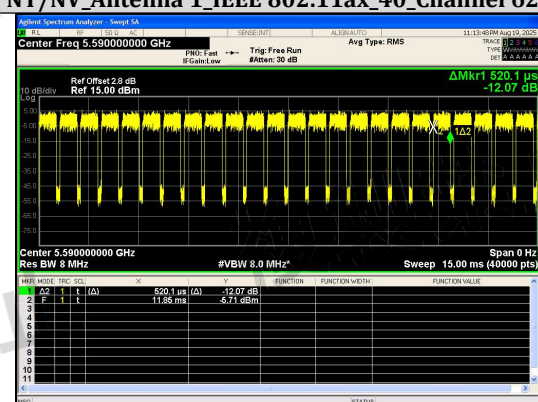
NT/NV_Antenna 1_ IEEE 802.11ax_40_Channel 54 -



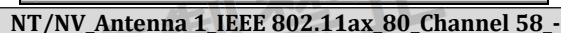
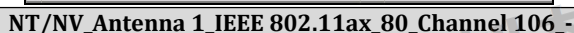
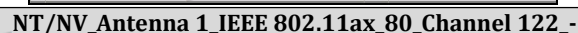
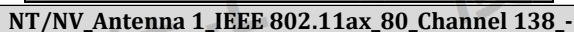
NT/NV_Antenna 1_ IEEE 802.11ax_40_Channel 62 -



NT/NV_Antenna 1_ IEEE 802.11ax_40_Channel 102 -



NT/NV_Antenna 1_ IEEE 802.11ax_40_Channel 118 -



8.Radio Interference Prevention Capability

Test Results:

Test result of radio interference prevention capability		
Item	MAC address	Test result
Identification code	18:8B:15:D7:25:85	Good

as following picture shows:

Identifying Code:18:8b:15:d7:25:85

Disable Wireless LAN Interface: ☐

Country: JAPAN

Band: 5 GHz (A+N+AC+AX)

Mode: AP Guest Wi-Fi

Network Type: Infrastructure

SSID: PrismPulse

Channel Width: 80MHz

Control Sideband: Auto

Channel Number: Auto(DFS) (Current:36)

Broadcast SSID: Enabled

WMM: Enabled

Data Rate: Auto

TX restrict: 0 Mbps (0:no restrict)

RX restrict: 0 Mbps (0:no restrict)

Associated Clients: Show Active Clients

Enable Universal Repeater Mode: ☐

Internet

P1431

Connected Clients: 3

Internet

IPv4		IPv6	
MAC Address	Connection Type	Network Status	Connection Uptime
18:8b:15:57:25:85	DHCP Client	Connected	0 Day 23:35:28
IP Address	Default Gateway	Primary DNS Server	Secondary DNS Server
192.168.1.43	192.168.1.1	192.168.1.1	

Communication condition of connection:

9.Carrier Sense Function

Test Results:

Test Mode:		IEEE 802.11a			
Test Voltage		Normal Voltage			Remarks
Test Frequency	MHz	5180	5200	5240	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Pin = 22.79+Gr-20*log(freq_MHz) [dBm]
Test Frequency	MHz	5260	5300	5320	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Pin = 22.79+Gr-20*log(freq_MHz) [dBm]
Test Frequency	MHz	5500	5600	5720	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Pin = 22.79+Gr-20*log(freq_MHz) [dBm]

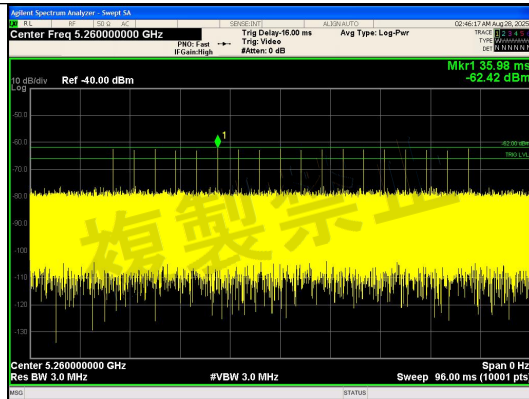
Test Mode:		IEEE 802.11n20			
Test Voltage		Normal Voltage			Remarks
Test Frequency	MHz	5180	5200	5240	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Pin = 22.79+Gr-20*log(freq_MHz) [dBm]
Test Frequency	MHz	5260	5300	5320	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Pin = 22.79+Gr-20*log(freq_MHz) [dBm]
Test Frequency	MHz	5500	5600	5720	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Pin = 22.79+Gr-20*log(freq_MHz) [dBm]

10.Dynamic Frequency Selection

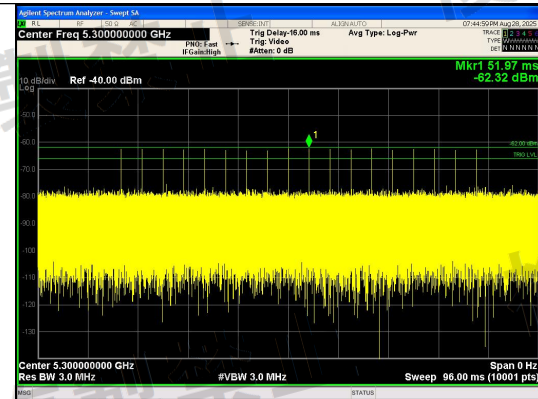
Test Results:

Calibration of Radar Waveform

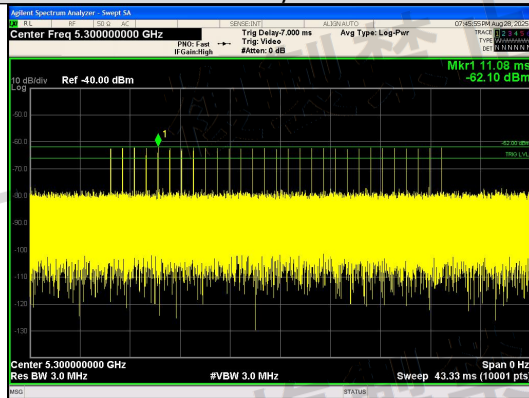
Radar Test Signal



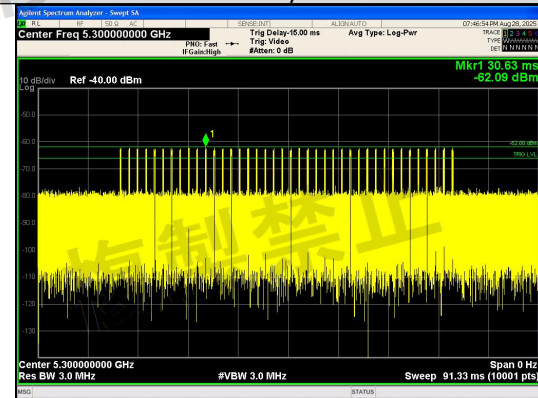
W53 Type 1
5260MHz/20MHz



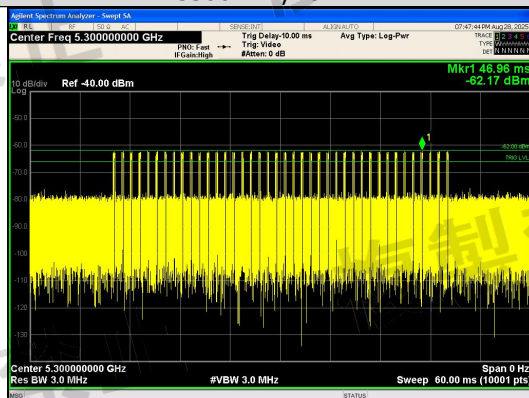
W53 Type 1
5300MHz/20MHz



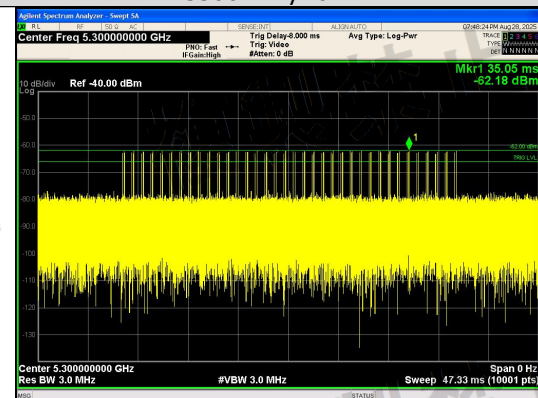
W53 Type 2
5300MHz/20MHz



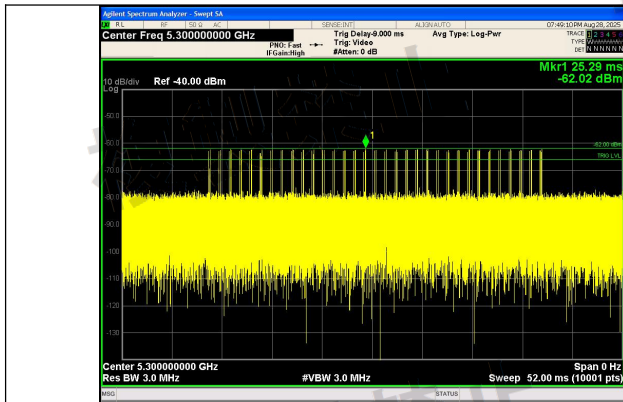
W53 Type 3
5300MHz/20MHz



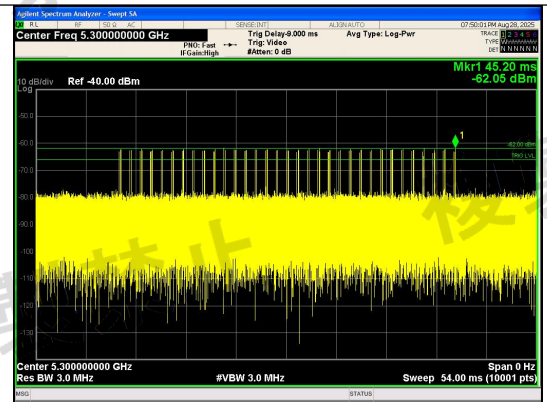
W53 Type 4
5300MHz/20MHz



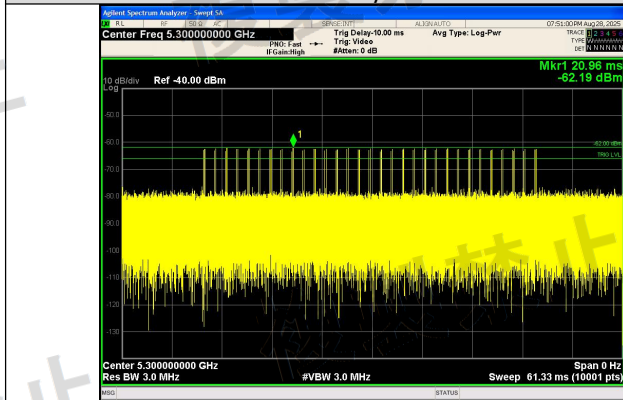
W53 Type 5
5300MHz/20MHz



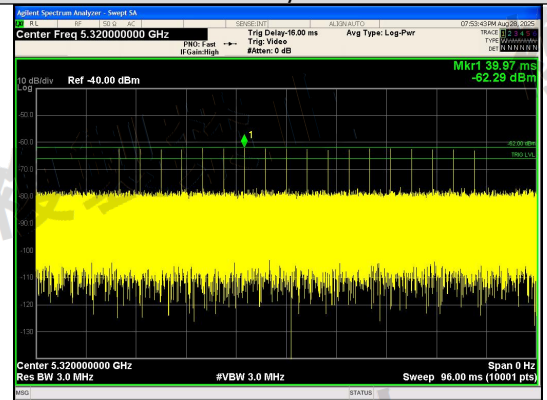
W53 Type 6
5300MHz/20MHz



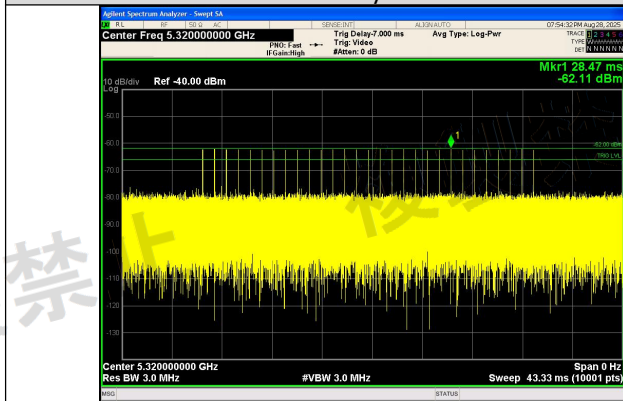
W53 Type 7
5300MHz/20MHz



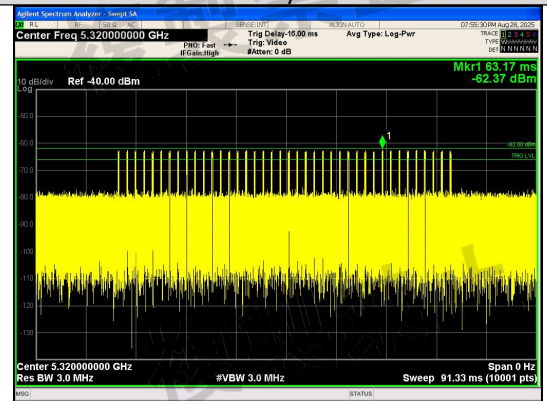
W53 Type 8
5300MHz/20MHz



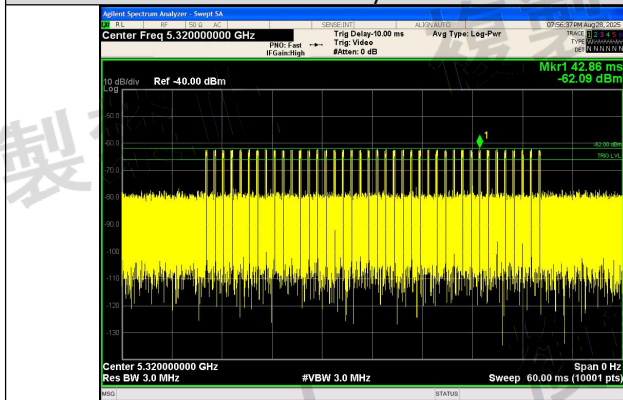
W53 Type 1
5320MHz/20MHz



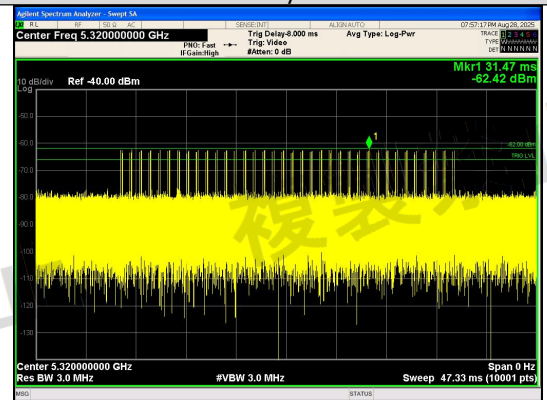
W53 Type 2
5320MHz/20MHz



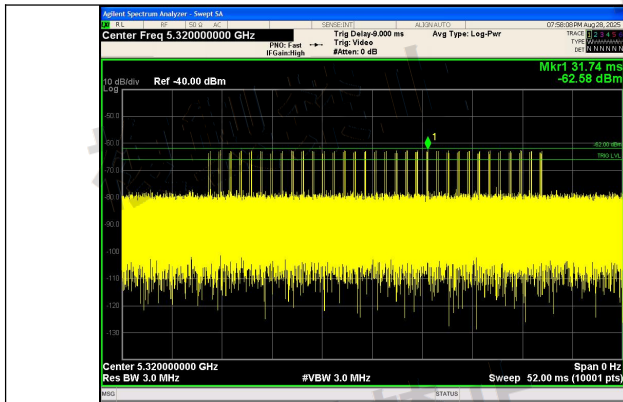
W53 Type 3
5320MHz/20MHz



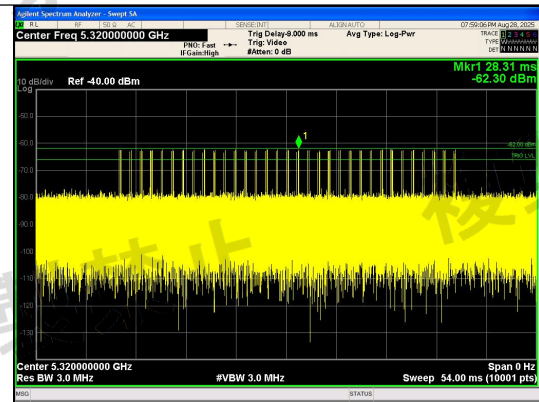
W53 Type 4
5320MHz/20MHz



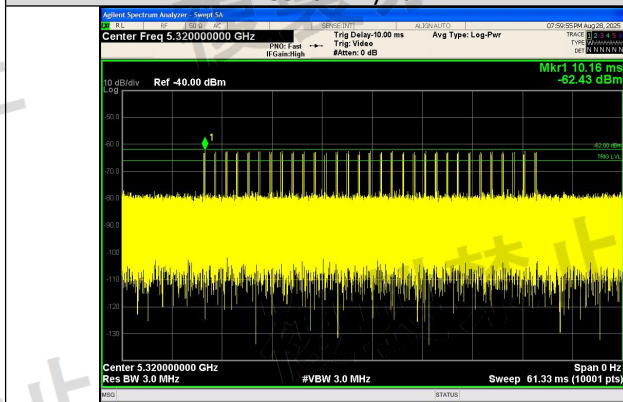
W53 Type 5
5320MHz/20MHz



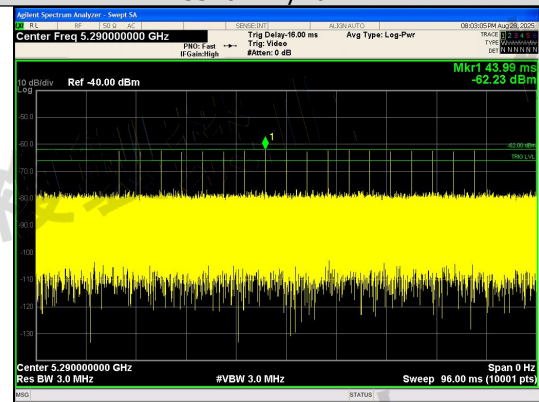
W53 Type 6
5320MHz/20MHz



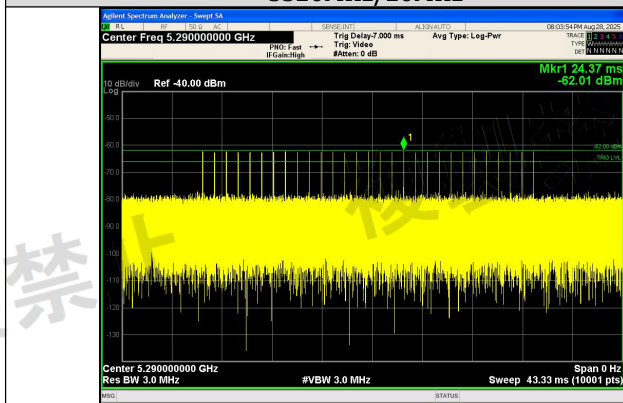
W53 Type 7
5320MHz/20MHz



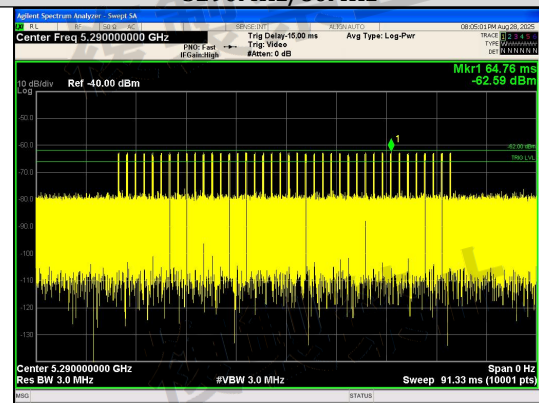
W53 Type 8
5320MHz/20MHz



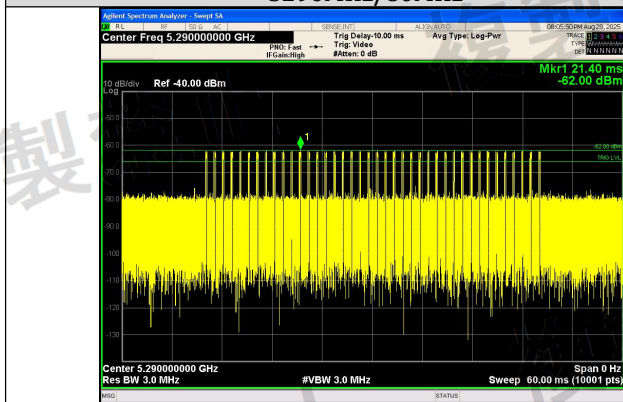
W53 Type 1
5290MHz/80MHz



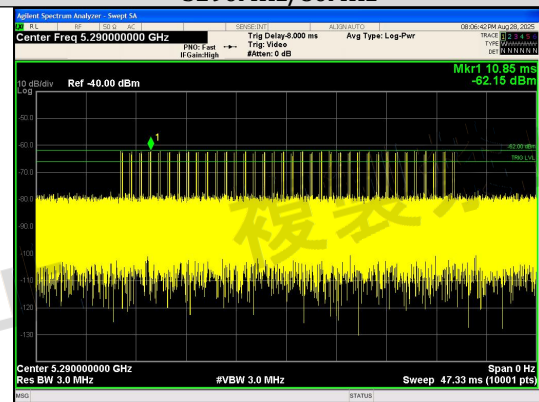
W53 Type 2
5290MHz/80MHz



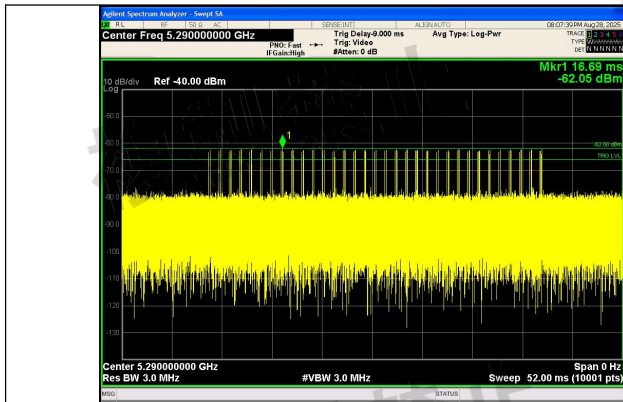
W53 Type 3
5290MHz/80MHz



W53 Type 4
5290MHz/80MHz



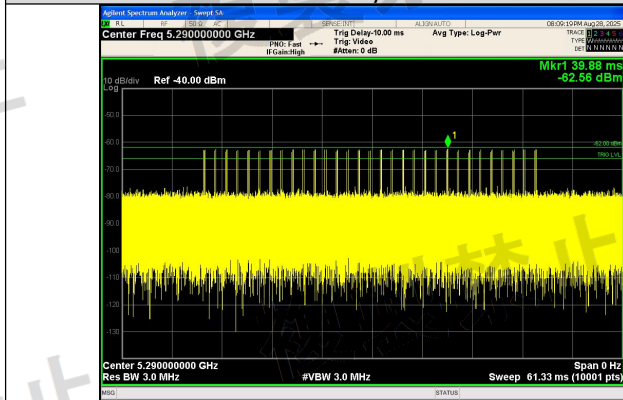
W53 Type 5
5290MHz/80MHz



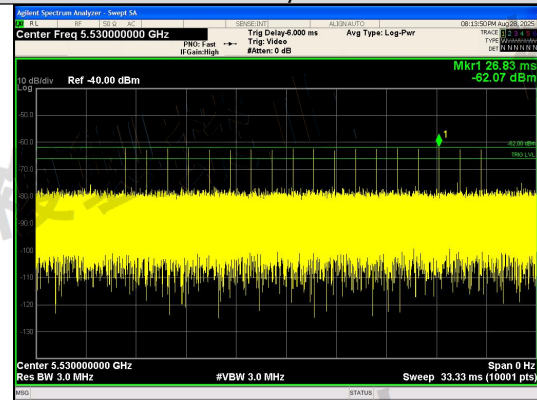
W53 Type 6
5290MHz/80MHz



W53 Type 7
5290MHz/80MHz



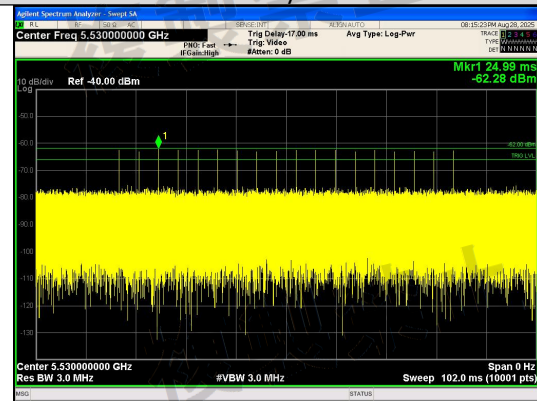
W53 Type 8
5290MHz/80MHz



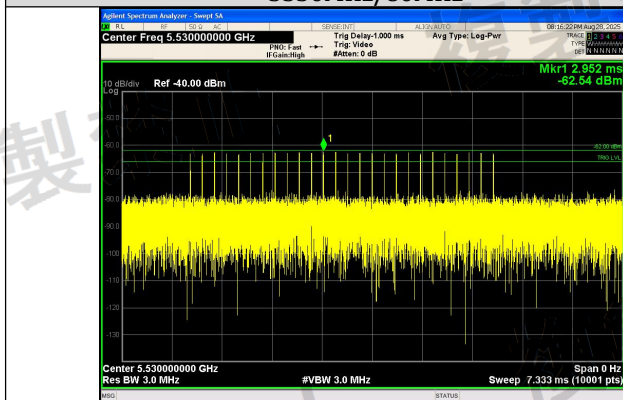
W56 Type 1
5530MHz/80MHz



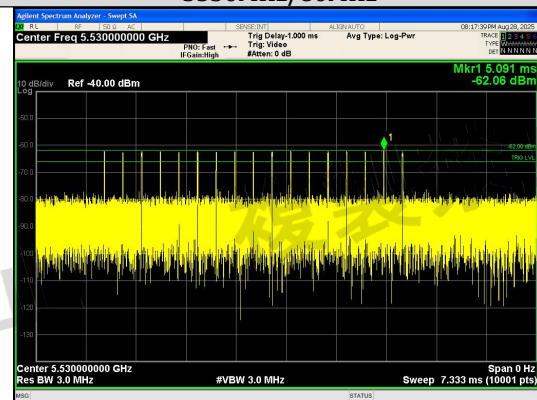
W56 Type 2
5530MHz/80MHz



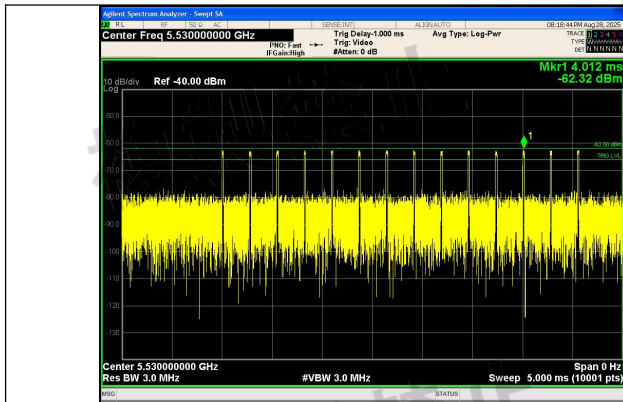
W56 Type 3
5530MHz/80MHz



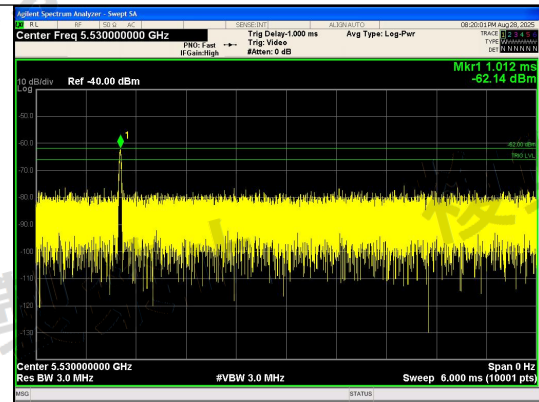
W56 Type 4
5530MHz/80MHz



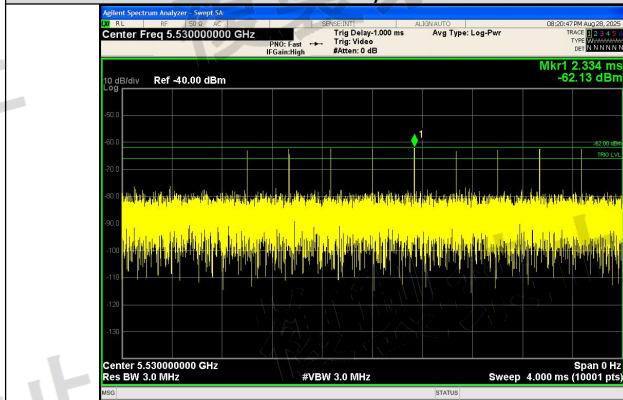
W56 Type 5
5530MHz/80MHz



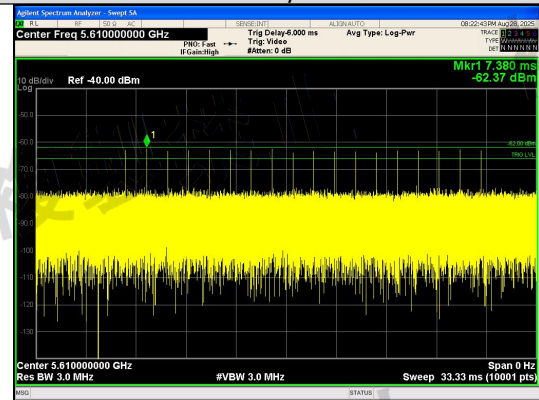
W56 Type 6
5530MHz/80MHz



W56 Chirp
5530MHz/80MHz



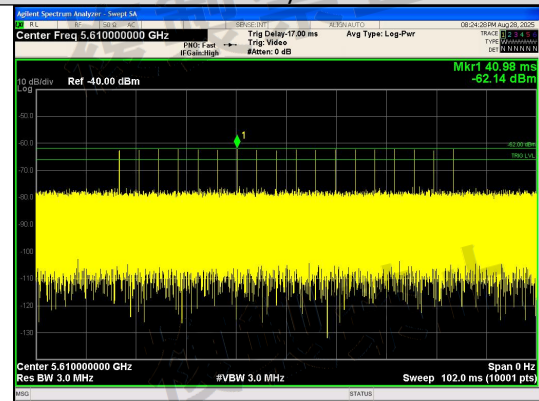
W56 Hopping
5530MHz/80MHz



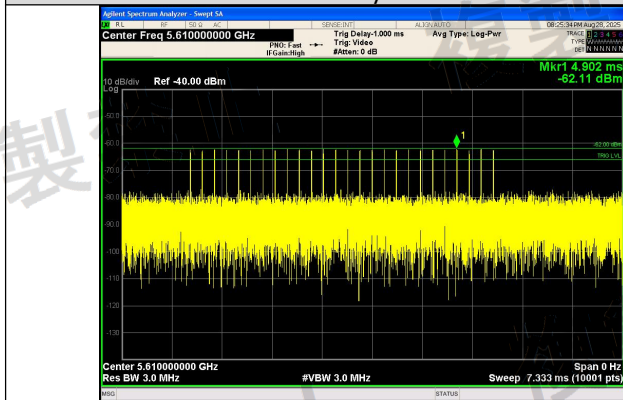
W56 Type 1
5610MHz/80MHz



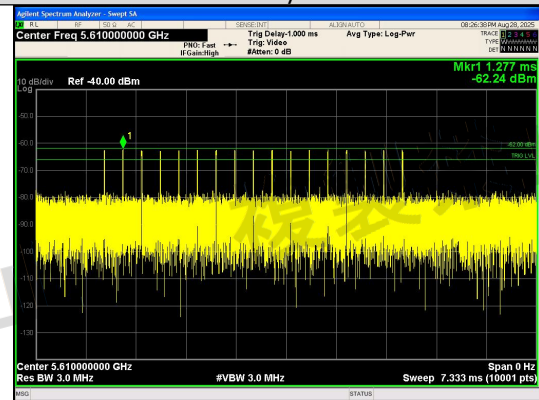
W56 Type 2
5610MHz/80MHz



W56 Type 3
5610MHz/80MHz



W56 Type 4
5610MHz/80MHz



W56 Type 5
5610MHz/80MHz