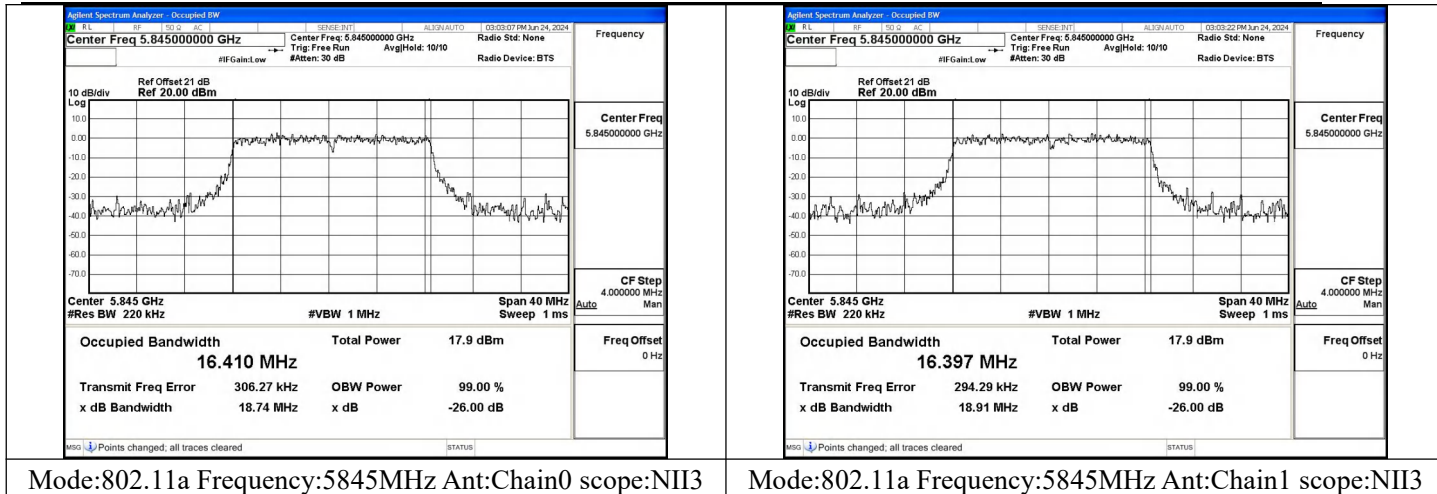
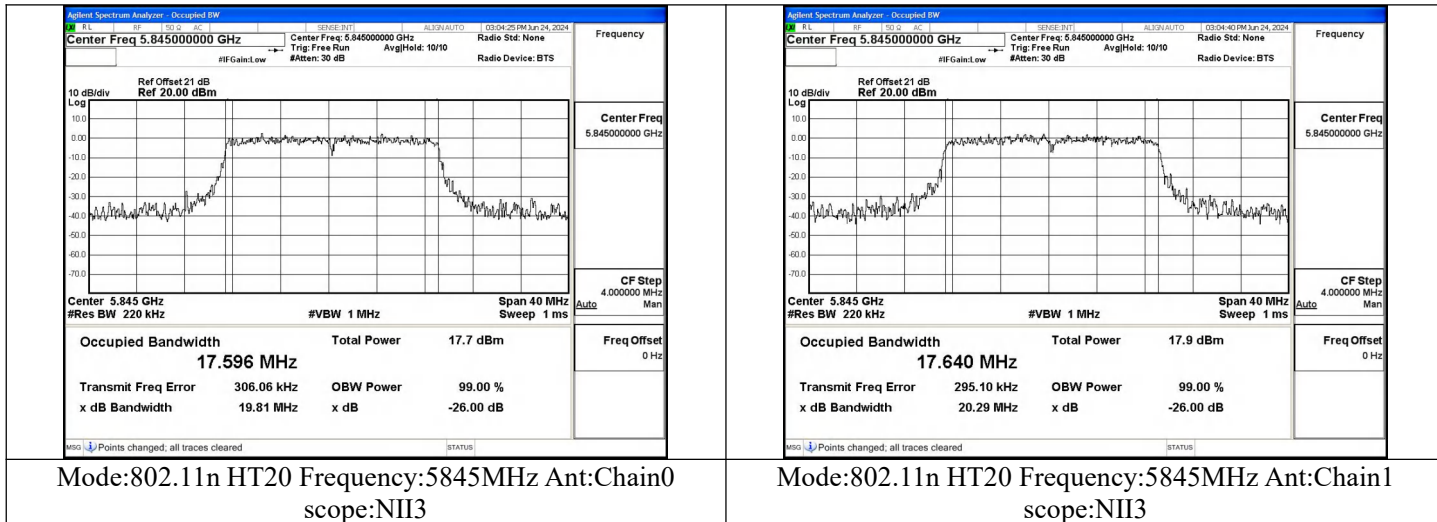
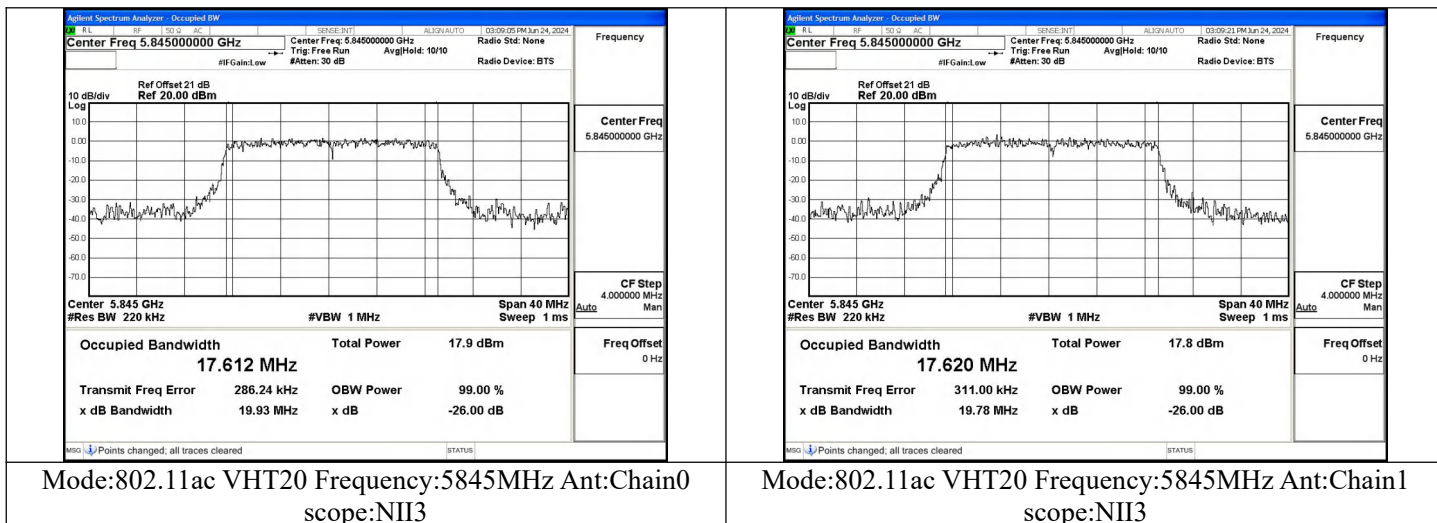




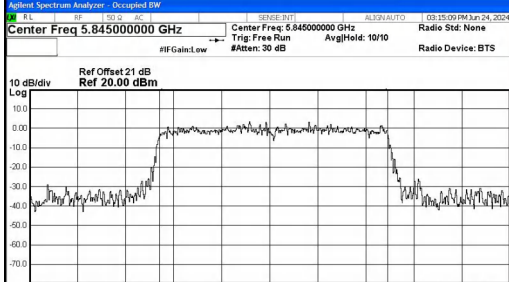
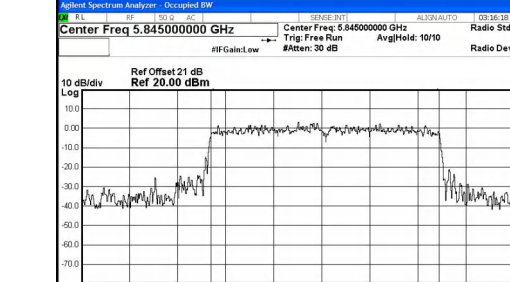
Test Mode: 802.11n HT20



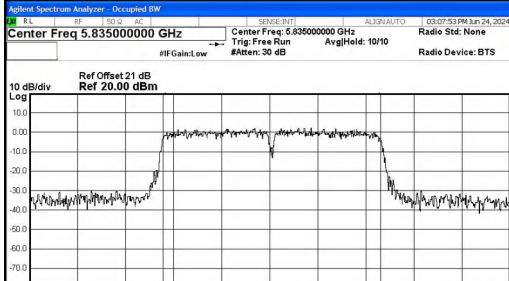
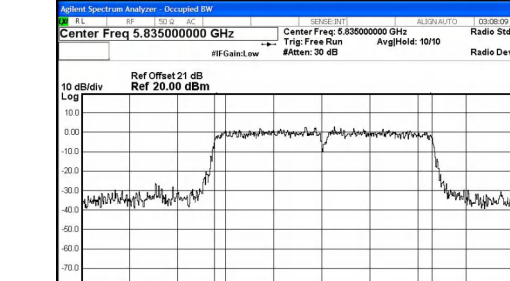
Test Mode: 802.11ac VHT20



Test Mode: 802.11ax HE20

 Agilent Spectrum Analyzer - Occupied BW Center Freq 5.845000000 GHz Ref Offset 21 dB Ref 20.00 dBm Center 5.845 GHz #Res BW 220 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 18.949 MHz Total Power 18.3 dBm Transmit Freq Error 335.65 kHz OBW Power 99.00 % x dB Bandwidth 20.50 MHz x dB -26.00 dB	 Agilent Spectrum Analyzer - Occupied BW Center Freq 5.845000000 GHz Ref Offset 21 dB Ref 20.00 dBm Center 5.845 GHz #Res BW 220 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 18.915 MHz Total Power 18.3 dBm Transmit Freq Error 291.57 kHz OBW Power 99.00 % x dB Bandwidth 20.46 MHz x dB -26.00 dB
Mode:802.11ax HE20 Frequency:5845MHz Ant:Chain0 scope:NII3	Mode:802.11ax HE20 Frequency:5845MHz Ant:Chain1 scope:NII3

Test Mode: 802.11n HT40

 Agilent Spectrum Analyzer - Occupied BW Center Freq 5.835000000 GHz Ref Offset 21 dB Ref 20.00 dBm Center 5.835 GHz #Res BW 430 kHz #VBW 1.6 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 36.143 MHz Total Power 18.4 dBm Transmit Freq Error 366.74 kHz OBW Power 99.00 % x dB Bandwidth 39.29 MHz x dB -26.00 dB	 Agilent Spectrum Analyzer - Occupied BW Center Freq 5.835000000 GHz Ref Offset 21 dB Ref 20.00 dBm Center 5.835 GHz #Res BW 430 kHz #VBW 1.6 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 36.093 MHz Total Power 18.3 dBm Transmit Freq Error 337.69 kHz OBW Power 99.00 % x dB Bandwidth 39.14 MHz x dB -26.00 dB
Mode:802.11n HT40 Frequency:5835MHz Ant:Chain0 scope:NII3	Mode:802.11n HT40 Frequency:5835MHz Ant:Chain1 scope:NII3

Test Mode: 802.11ac VHT40

Agilent Spectrum Analyzer - Occupied BW Center Freq 5.835000000 GHz Ref Offset 21 dB Ref 20.00 dBm Center 5.835 GHz #Res BW 430 kHz #VBW 1.6 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 36.136 MHz Total Power 18.3 dBm Transmit Freq Error 347.90 kHz OBW Power 99.00 % x dB Bandwidth 39.13 MHz x dB -26.00 dB	Agilent Spectrum Analyzer - Occupied BW Center Freq 5.835000000 GHz Ref Offset 21 dB Ref 20.00 dBm Center 5.835 GHz #Res BW 430 kHz #VBW 1.6 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 36.171 MHz Total Power 18.3 dBm Transmit Freq Error 342.32 kHz OBW Power 99.00 % x dB Bandwidth 38.94 MHz x dB -26.00 dB
Mode:802.11ac VHT40 Frequency:5835MHz Ant:Chain0 scope:NII3	Mode:802.11ac VHT40 Frequency:5835MHz Ant:Chain1 scope:NII3

Test Mode: 802.11ax HE40

Agilent Spectrum Analyzer - Occupied BW Center Freq 5.835000000 GHz Ref Offset 21 dB Ref 20.00 dBm Center 5.835 GHz #Res BW 430 kHz #VBW 1.6 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 37.683 MHz Total Power 19.0 dBm Transmit Freq Error 356.94 kHz OBW Power 99.00 % x dB Bandwidth 39.85 MHz x dB -26.00 dB	Agilent Spectrum Analyzer - Occupied BW Center Freq 5.835000000 GHz Ref Offset 21 dB Ref 20.00 dBm Center 5.835 GHz #Res BW 430 kHz #VBW 1.6 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 37.721 MHz Total Power 18.7 dBm Transmit Freq Error 394.29 kHz OBW Power 99.00 % x dB Bandwidth 39.61 MHz x dB -26.00 dB
Mode:802.11ax HE40 Frequency:5835MHz Ant:Chain0 scope:NII3	Mode:802.11ax HE40 Frequency:5835MHz Ant:Chain1 scope:NII3

Test Mode: 802.11ac VHT80

Agilent Spectrum Analyzer - Occupied BW Center Freq 5.855000000 GHz Ref Offset 21 dB Ref 20.00 dBm Center 5.855 GHz #Res BW 820 kHz #VBW 3 MHz Span 160 MHz Sweep 1 ms Occupied Bandwidth 75.589 MHz Total Power 19.2 dBm Transmit Freq Error 384.05 kHz OBW Power 99.00 % x dB Bandwidth 81.32 MHz x dB -26.00 dB	Agilent Spectrum Analyzer - Occupied BW Center Freq 5.855000000 GHz Ref Offset 21 dB Ref 20.00 dBm Center 5.855 GHz #Res BW 820 kHz #VBW 3 MHz Span 160 MHz Sweep 1 ms Occupied Bandwidth 75.410 MHz Total Power 19.1 dBm Transmit Freq Error 409.00 kHz OBW Power 99.00 % x dB Bandwidth 80.55 MHz x dB -26.00 dB
Mode:802.11ac VHT80 Frequency:5855MHz Ant:Chain0 scope:NII3	Mode:802.11ac VHT80 Frequency:5855MHz Ant:Chain1 scope:NII3

Test Mode: 802.11ax HE80

Agilent Spectrum Analyzer - Occupied BW Center Freq 5.855000000 GHz Ref Offset 21 dB Ref 20.00 dBm Log Center 5.855 GHz #Res BW 820 kHz #VBW 3 MHz Span 160 MHz Sweep 1 ms Occupied Bandwidth 77.521 MHz Total Power 19.6 dBm Transmit Freq Error 519.75 kHz OBW Power 99.00 % x dB Bandwidth 81.44 MHz x dB -26.00 dB CF Step 16.000000 MHz Freq Offset 0 Hz MSO Points changed; all traces cleared	Agilent Spectrum Analyzer - Occupied BW Center Freq 5.855000000 GHz Ref Offset 21 dB Ref 20.00 dBm Log Center 5.855 GHz #Res BW 820 kHz #VBW 3 MHz Span 160 MHz Sweep 1 ms Occupied Bandwidth 77.016 MHz Total Power 19.5 dBm Transmit Freq Error 465.97 kHz OBW Power 99.00 % x dB Bandwidth 80.94 MHz x dB -26.00 dB CF Step 16.000000 MHz Freq Offset 0 Hz MSO Points changed; all traces cleared
Mode:802.11ax HE80 Frequency:5855MHz Ant:Chain0 scope:NII3	Mode:802.11ax HE80 Frequency:5855MHz Ant:Chain1 scope:NII3

Test Mode: 802.11ac VHT160

Agilent Spectrum Analyzer - Occupied BW Center Freq 5.815000000 GHz Ref Offset 21 dB Ref 20.00 dBm Log Center 5.815 GHz #Res BW 1.6 MHz #VBW 5 MHz Span 320 MHz Sweep 1 ms Occupied Bandwidth 154.57 MHz Total Power 18.8 dBm Transmit Freq Error 795.61 kHz OBW Power 99.00 % x dB Bandwidth 162.8 MHz x dB -26.00 dB CF Step 32.000000 MHz Freq Offset 0 Hz MSO Points changed; all traces cleared	Agilent Spectrum Analyzer - Occupied BW Center Freq 5.815000000 GHz Ref Offset 21 dB Ref 20.00 dBm Log Center 5.815 GHz #Res BW 1.6 MHz #VBW 5 MHz Span 320 MHz Sweep 1 ms Occupied Bandwidth 154.63 MHz Total Power 19.0 dBm Transmit Freq Error 591.29 kHz OBW Power 99.00 % x dB Bandwidth 163.0 MHz x dB -26.00 dB CF Step 32.000000 MHz Freq Offset 0 Hz MSO Points changed; all traces cleared
Mode:802.11ac VHT160 Frequency:5815MHz Ant:Chain0 scope:NII3	Mode:802.11ac VHT160 Frequency:5815MHz Ant:Chain1 scope:NII3

Test Mode: 802.11ax HE160

Agilent Spectrum Analyzer - Occupied BW Center Freq 5.815000000 GHz Ref Offset 21 dB Ref 20.00 dBm Log Center 5.815 GHz #Res BW 1.6 MHz #VBW 5 MHz Span 320 MHz Sweep 1 ms Occupied Bandwidth 156.06 MHz Total Power 19.4 dBm Transmit Freq Error 655.18 kHz OBW Power 99.00 % x dB Bandwidth 231.0 MHz x dB -26.00 dB CF Step 32.000000 MHz Freq Offset 0 Hz MSO Points changed; all traces cleared	Agilent Spectrum Analyzer - Occupied BW Center Freq 5.815000000 GHz Ref Offset 21 dB Ref 20.00 dBm Log Center 5.815 GHz #Res BW 1.6 MHz #VBW 5 MHz Span 320 MHz Sweep 1 ms Occupied Bandwidth 155.91 MHz Total Power 19.2 dBm Transmit Freq Error 673.67 kHz OBW Power 99.00 % x dB Bandwidth 163.1 MHz x dB -26.00 dB CF Step 32.000000 MHz Freq Offset 0 Hz MSO Points changed; all traces cleared
Mode:802.11ax HE160 Frequency:5815MHz Ant:Chain0 scope:NII3	Mode:802.11ax HE160 Frequency:5815MHz Ant:Chain1 scope:NII3

6dB Bandwidth

NII3

Offset 21dB = Attenuator + Temporary antenna connector loss + Cable loss

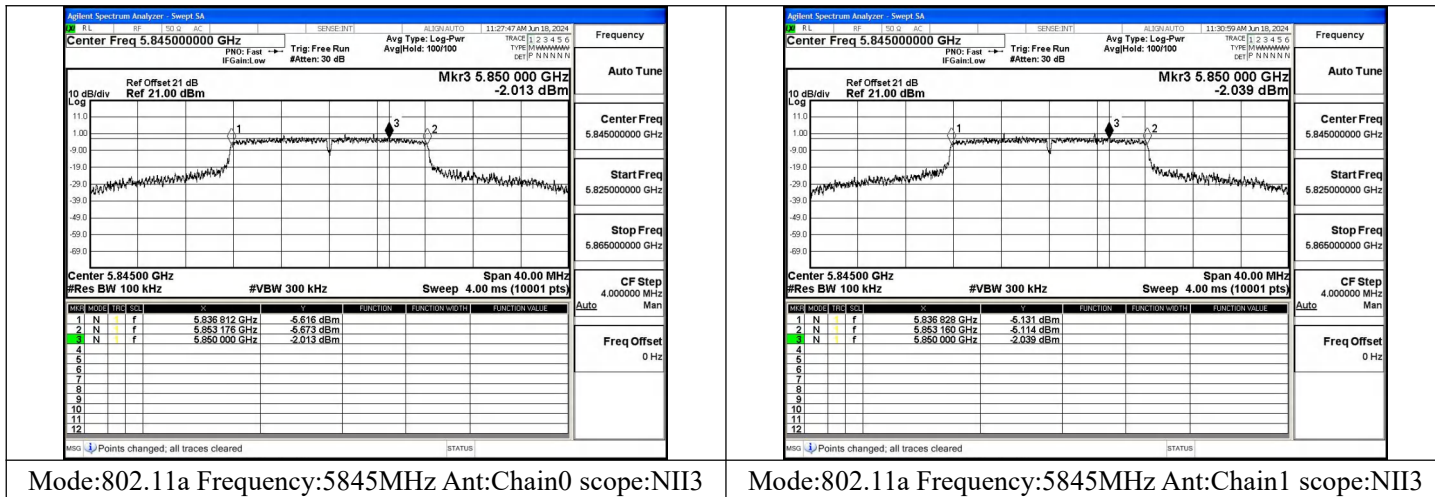
6dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5845MHz
NII3	802.11a	Chain0	13.19
NII3	802.11a	Chain1	13.17
NII3	802.11n HT20	Chain0	13.77
NII3	802.11n HT20	Chain1	13.77
NII3	802.11ac VHT20	Chain0	13.41
NII3	802.11ac VHT20	Chain1	13.40
NII3	802.11ax HE20	Chain0	14.47
NII3	802.11ax HE20	Chain1	14.31

6dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5835MHz
NII3	802.11n HT40	Chain0	33.16
NII3	802.11n HT40	Chain1	32.91
NII3	802.11ac VHT40	Chain0	33.18
NII3	802.11ac VHT40	Chain1	32.74
NII3	802.11ax HE40	Chain0	33.97
NII3	802.11ax HE40	Chain1	33.92

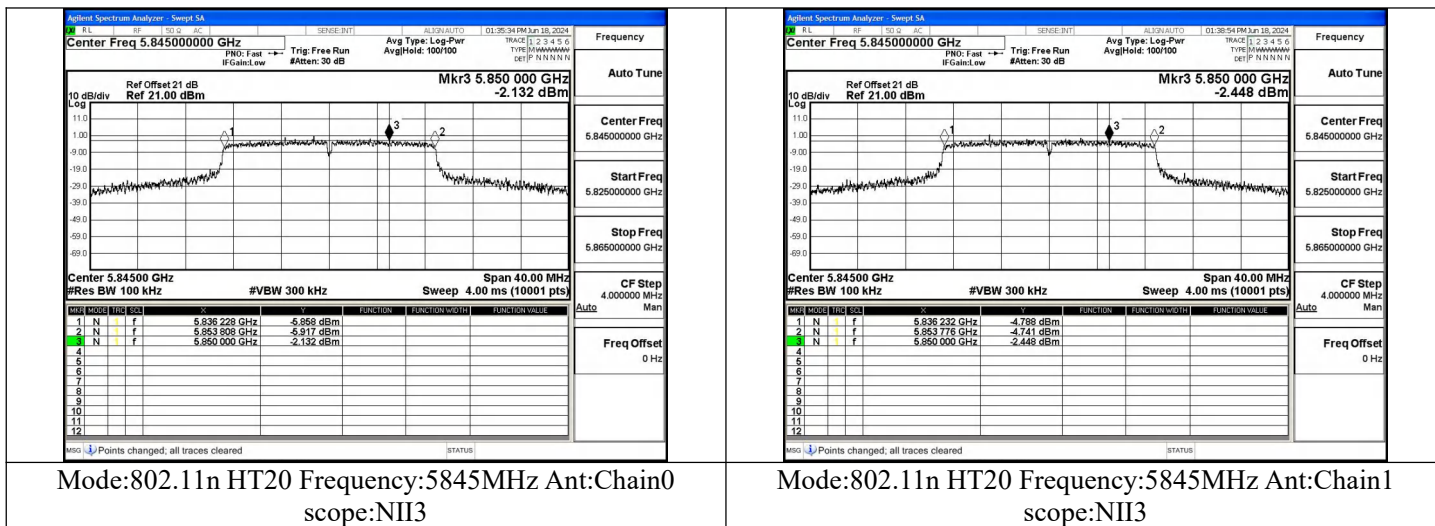
6dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5855MHz
NII3	802.11ac VHT80	Chain0	32.73
NII3	802.11ac VHT80	Chain1	31.26
NII3	802.11ax HE80	Chain0	33.62
NII3	802.11ax HE80	Chain1	33.19

6dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5815MHz
NII3	802.11ac VHT160	Chain0	112.89
NII3	802.11ac VHT160	Chain1	113.05
NII3	802.11ax HE160	Chain0	114.10
NII3	802.11ax HE160	Chain1	113.98

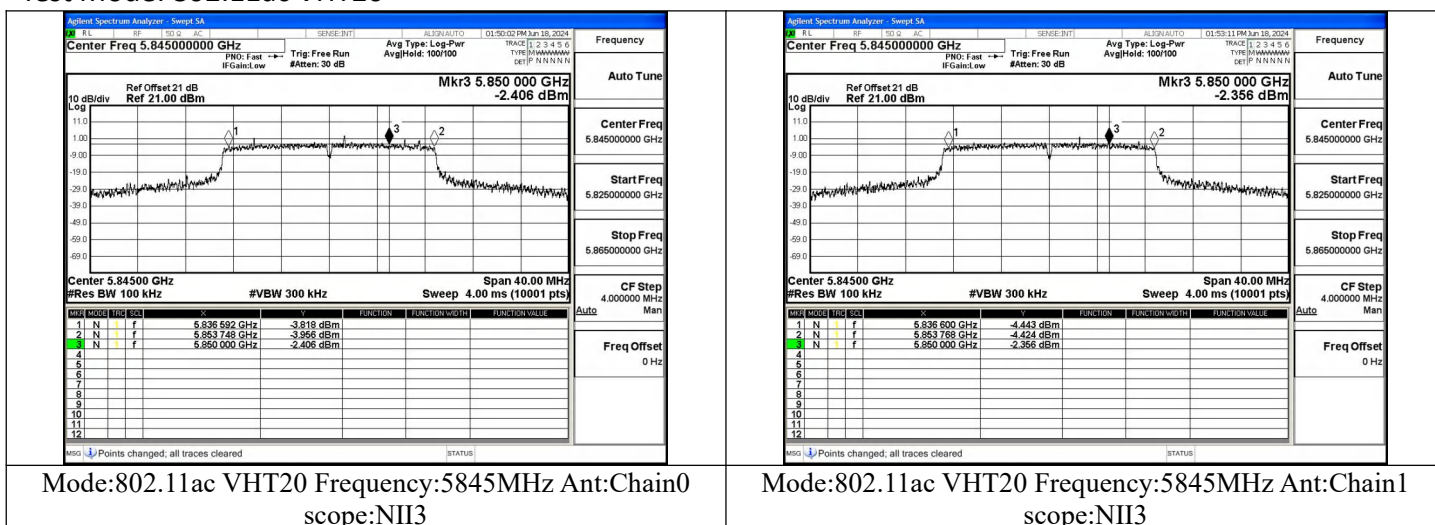
Test Mode: 802.11a



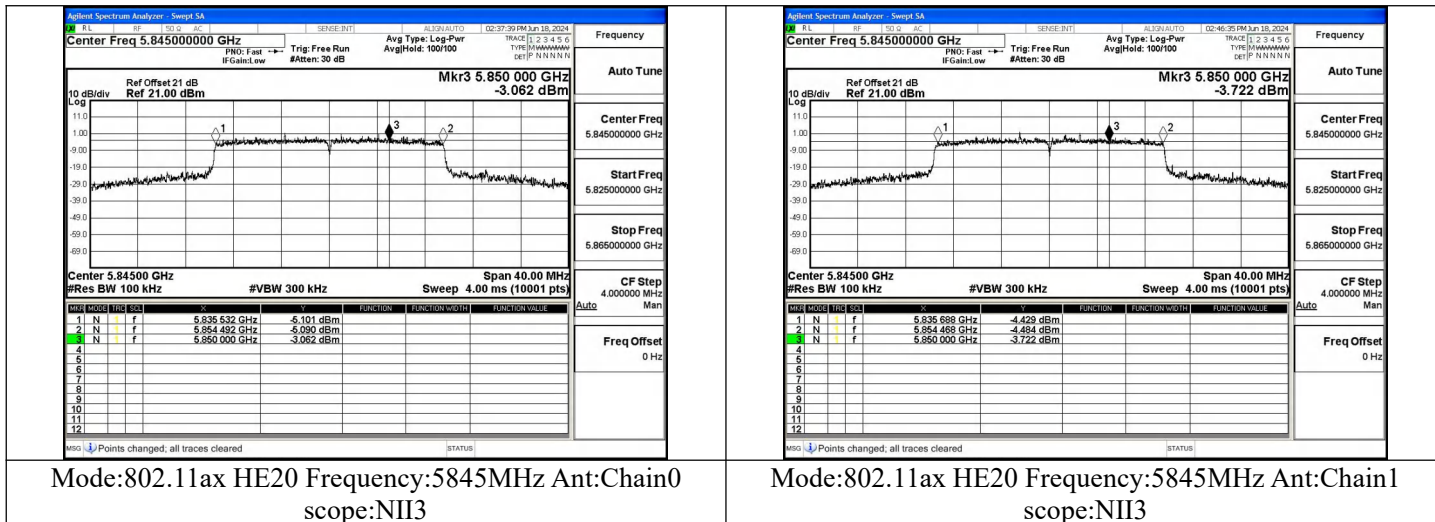
Test Mode: 802.11n HT20



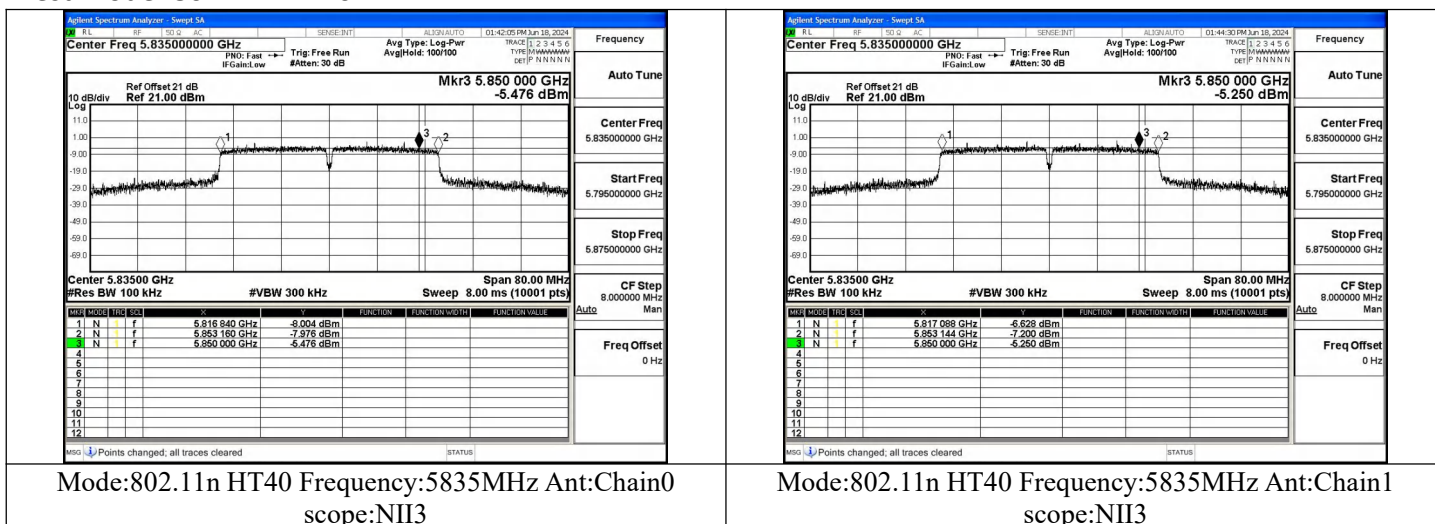
Test Mode: 802.11ac VHT20



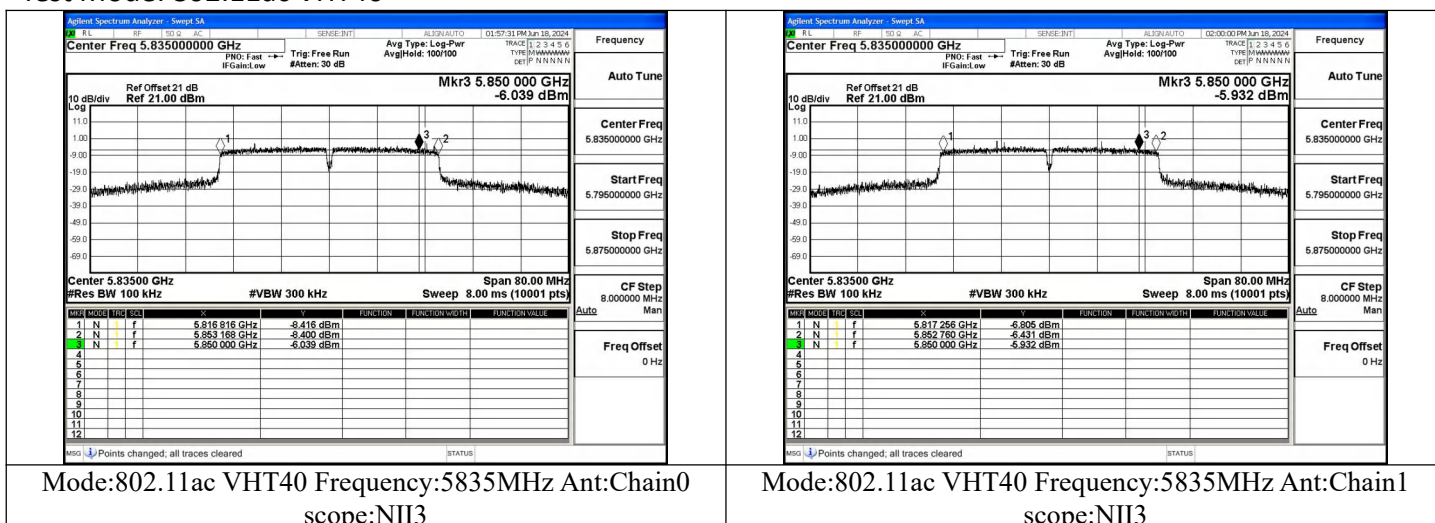
Test Mode: 802.11ax HE20



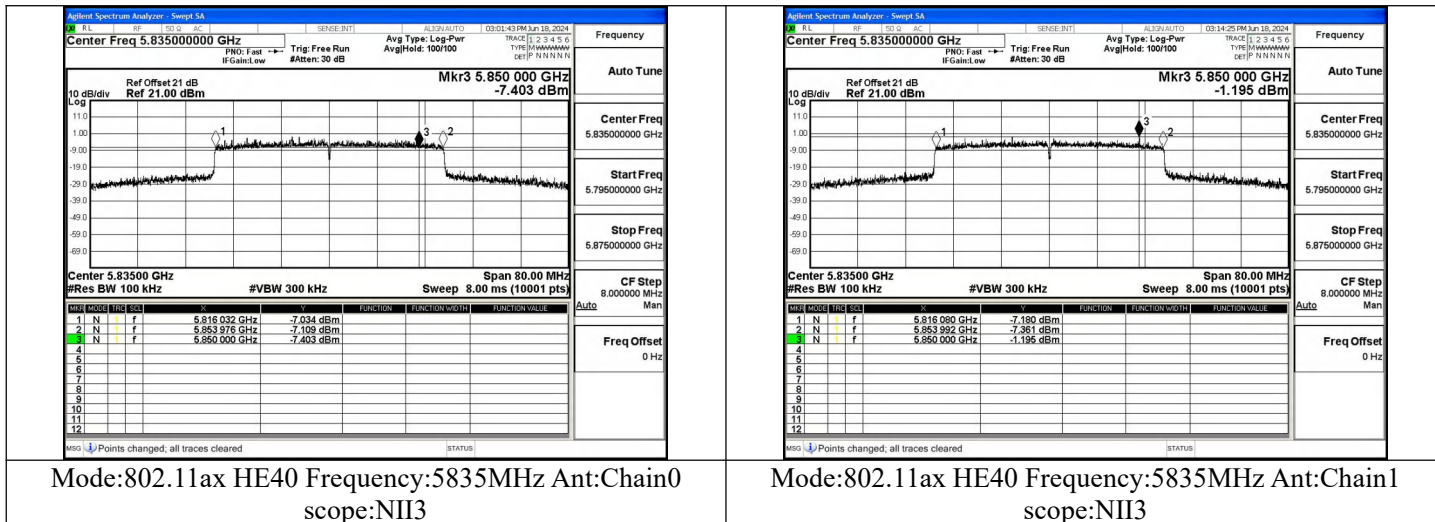
Test Mode: 802.11n HT40



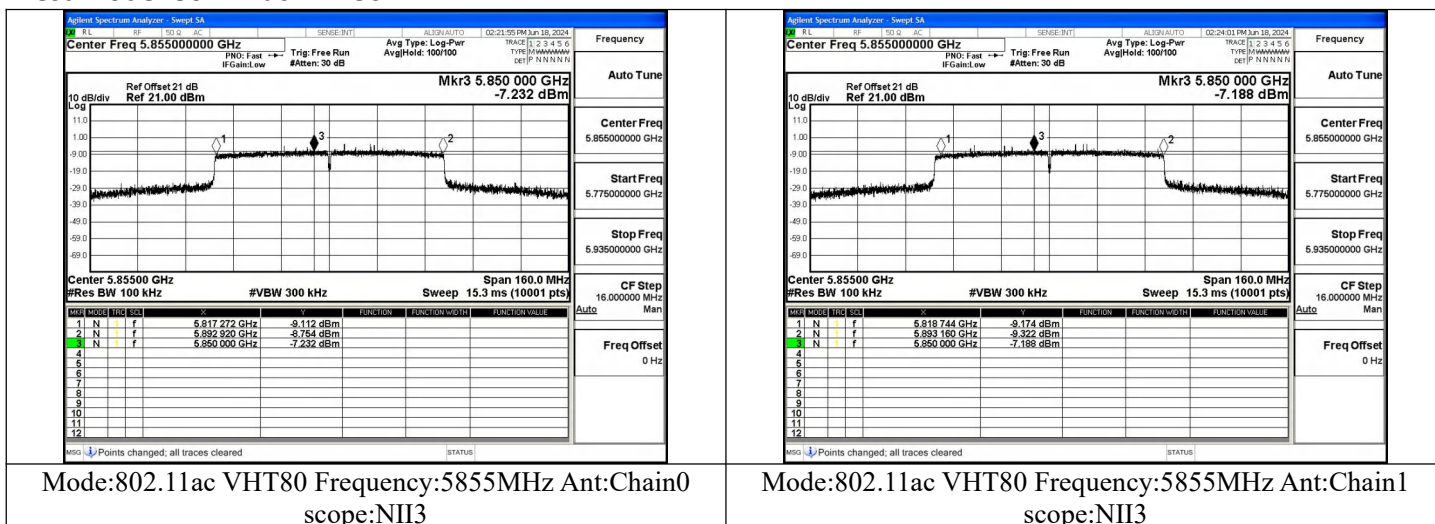
Test Mode: 802.11ac VHT40



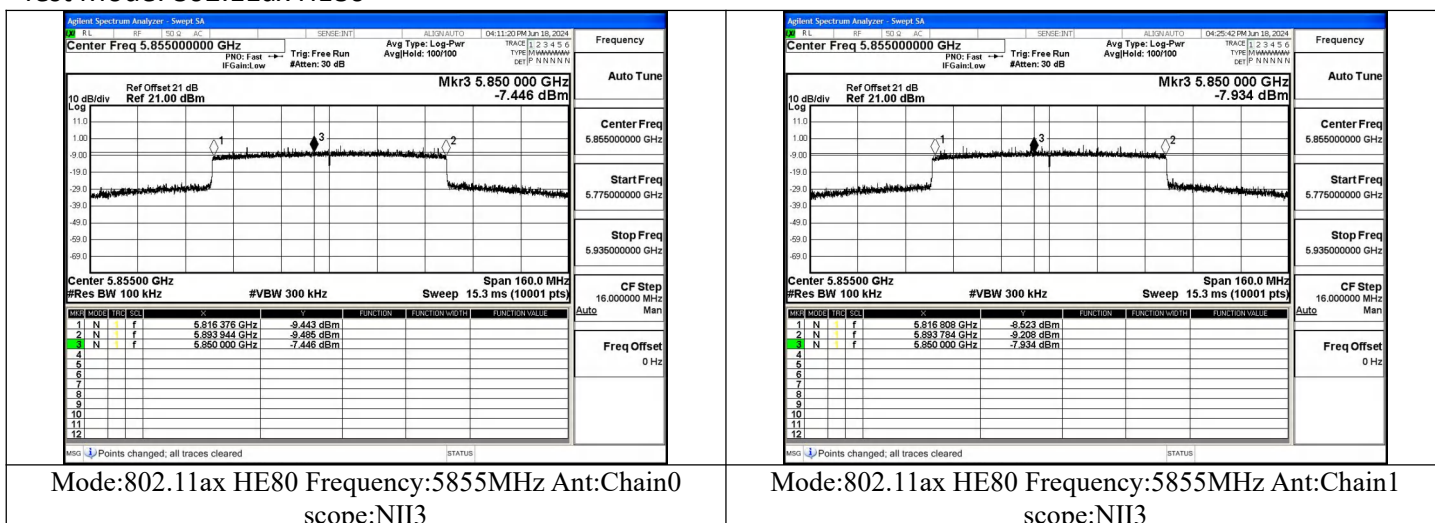
Test Mode: 802.11ax HE40



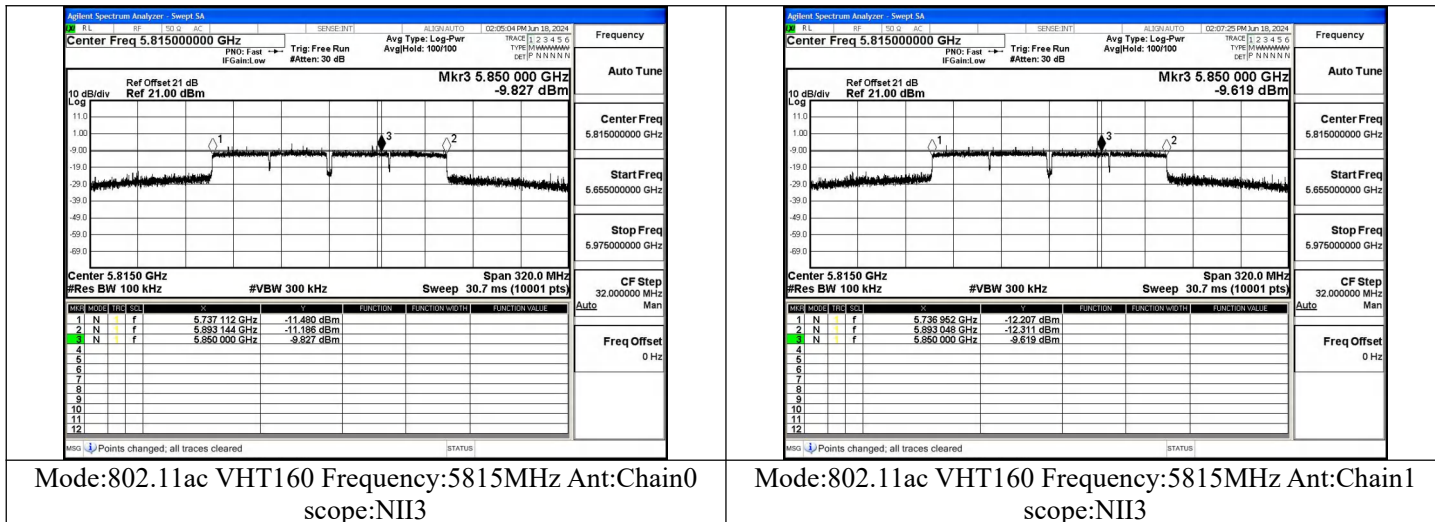
Test Mode: 802.11ac VHT80



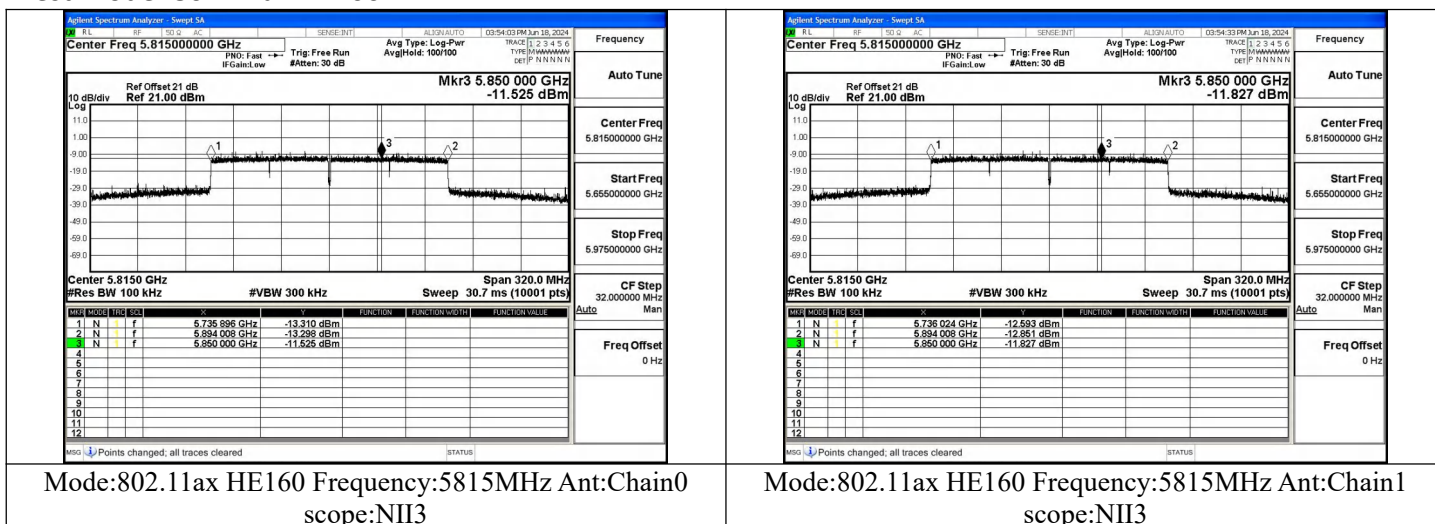
Test Mode: 802.11ax HE80



Test Mode: 802.11ac VHT160



Test Mode: 802.11ax HE160



NII4

Offset 21dB = Attenuator + Temporary antenna connector loss + Cable loss

6dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5845MHz
NII4	802.11a	Chain0	3.18
NII4	802.11a	Chain1	3.16
NII4	802.11n HT20	Chain0	3.81
NII4	802.11n HT20	Chain1	3.78
NII4	802.11ac VHT20	Chain0	3.75
NII4	802.11ac VHT20	Chain1	3.77
NII4	802.11ax HE20	Chain0	4.49
NII4	802.11ax HE20	Chain1	4.47

6dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5835MHz
NII4	802.11n HT40	Chain0	3.16
NII4	802.11n HT40	Chain1	3.14
NII4	802.11ac VHT40	Chain0	3.17
NII4	802.11ac VHT40	Chain1	2.76
NII4	802.11ax HE40	Chain0	3.98
NII4	802.11ax HE40	Chain1	3.99

6dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5855MHz
NII4	802.11ac VHT80	Chain0	42.92
NII4	802.11ac VHT80	Chain1	43.16
NII4	802.11ax HE80	Chain0	43.94
NII4	802.11ax HE80	Chain1	43.78

6dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5815MHz
NII4	802.11ac VHT160	Chain0	43.14
NII4	802.11ac VHT160	Chain1	43.05
NII4	802.11ax HE160	Chain0	44.01
NII4	802.11ax HE160	Chain1	44.01

Transmitter Power Spectral Density

NII3

Offset 21dB = Attenuator + Temporary antenna connector loss + Cable loss

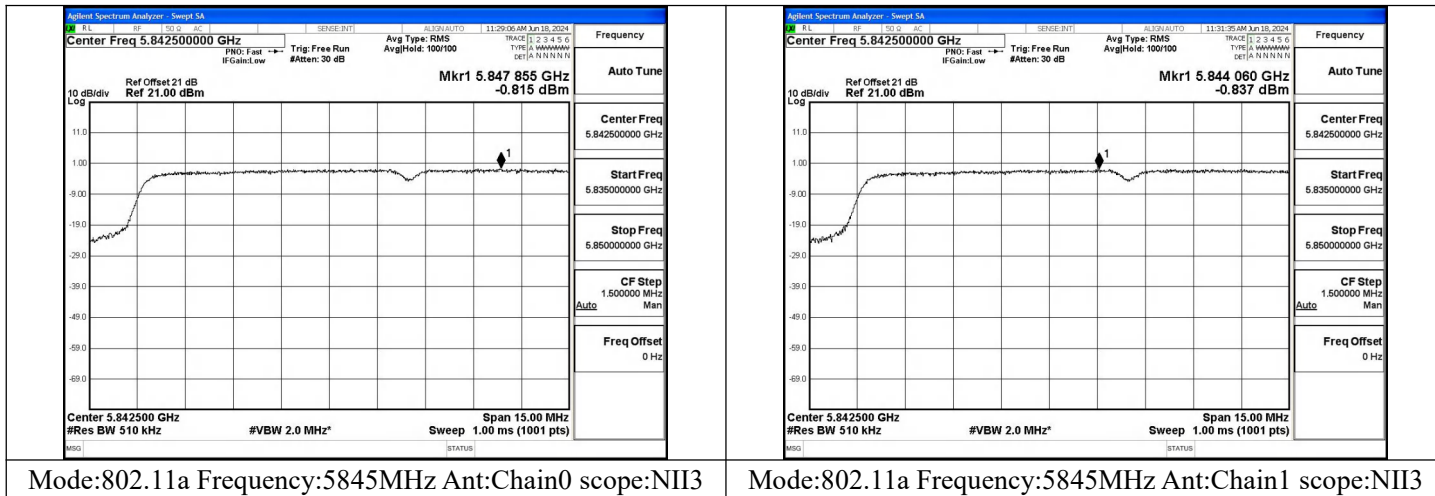
Title	Test Mode	Antenna	5845MHz	
			Correction Factor(dB)	Power Density (dBm/500KHz)
NII3	802.11a	Chain0	0	-0.815
NII3	802.11a	Chain1	0	-0.837
NII3	802.11n HT20	Chain0	0	-0.904
NII3	802.11n HT20	Chain1	0	-1.188
NII3	802.11n HT20	MIMO	0.000	1.967
NII3	802.11ac VHT20	Chain0	0	-0.931
NII3	802.11ac VHT20	Chain1	0	-1.235
NII3	802.11ac VHT20	MIMO	0.000	1.930
NII3	802.11ax HE20	Chain0	0	-0.284
NII3	802.11ax HE20	Chain1	0	-0.236
NII3	802.11ax HE20	MIMO	0.000	2.750

Title	Test Mode	Antenna	5835MHz	
			Correction Factor(dB)	Power Density (dBm/500KHz)
NII3	802.11n HT40	Chain0	0	-3.762
NII3	802.11n HT40	Chain1	0	-3.611
NII3	802.11n HT40	MIMO	0.000	-0.676
NII3	802.11ac VHT40	Chain0	0	-3.607
NII3	802.11ac VHT40	Chain1	0	-3.437
NII3	802.11ac VHT40	MIMO	0.000	-0.511
NII3	802.11ax HE40	Chain0	0	-0.234
NII3	802.11ax HE40	Chain1	0	-0.309
NII3	802.11ax HE40	MIMO	0.000	2.739

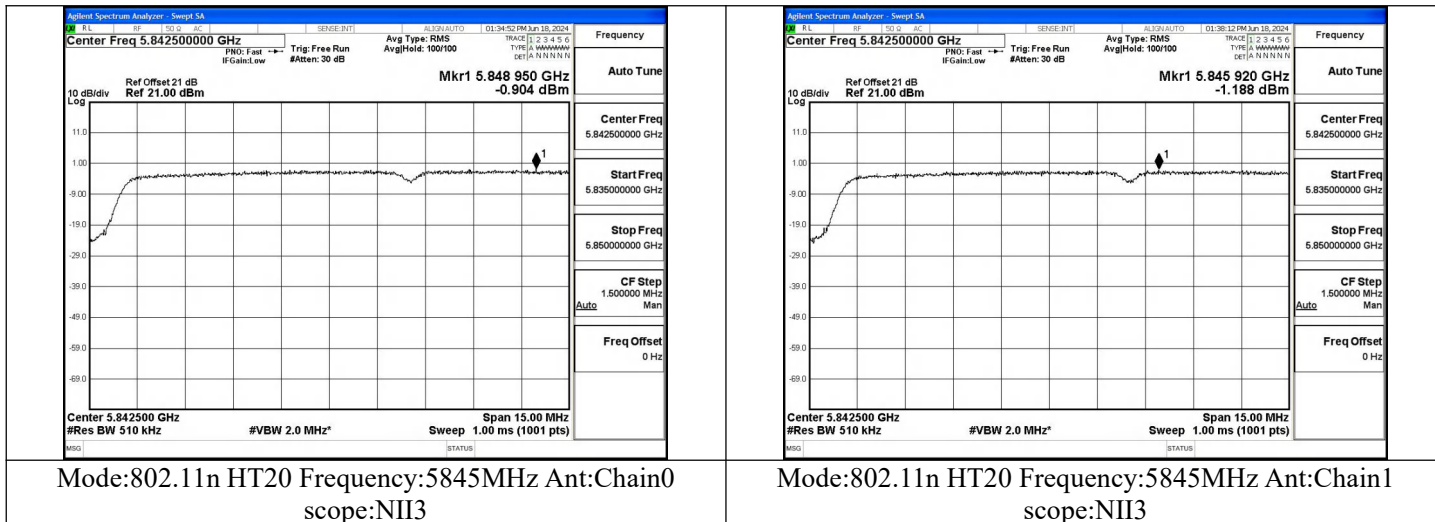
Title	Test Mode	Antenna	5855MHz	
			Correction Factor(dB)	Power Density (dBm/500KHz)
NII3	802.11ac VHT80	Chain0	0	-6.506
NII3	802.11ac VHT80	Chain1	0	-6.609
NII3	802.11ac VHT80	MIMO	0.000	-3.547
NII3	802.11ax HE80	Chain0	0	5.277
NII3	802.11ax HE80	Chain1	0	5.380
NII3	802.11ax HE80	MIMO	0.000	8.339

Title	Test Mode	Antenna	5815MHz	
			Correction Factor(dB)	Power Density (dBm/500KHz)
NII3	802.11ac VHT160	Chain0	0	-8.998
NII3	802.11ac VHT160	Chain1	0	-9.052
NII3	802.11ac VHT160	MIMO	0.000	-6.015
NII3	802.11ax HE160	Chain0	0	6.625
NII3	802.11ax HE160	Chain1	0	7.038
NII3	802.11ax HE160	MIMO	0.000	9.847

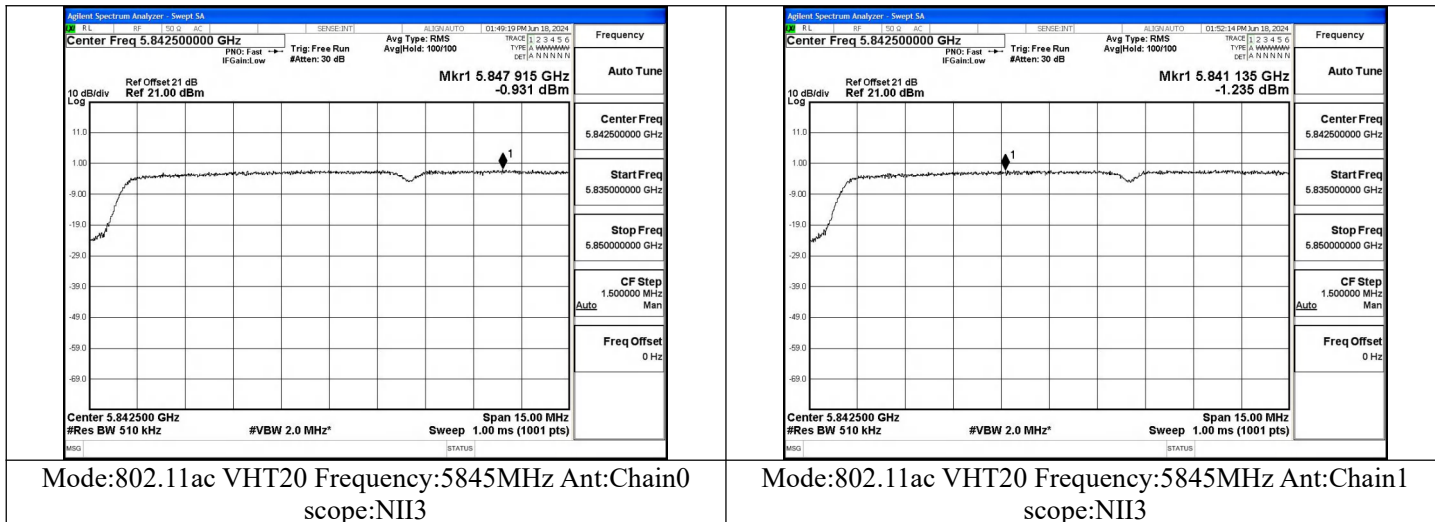
Test Mode: 802.11a



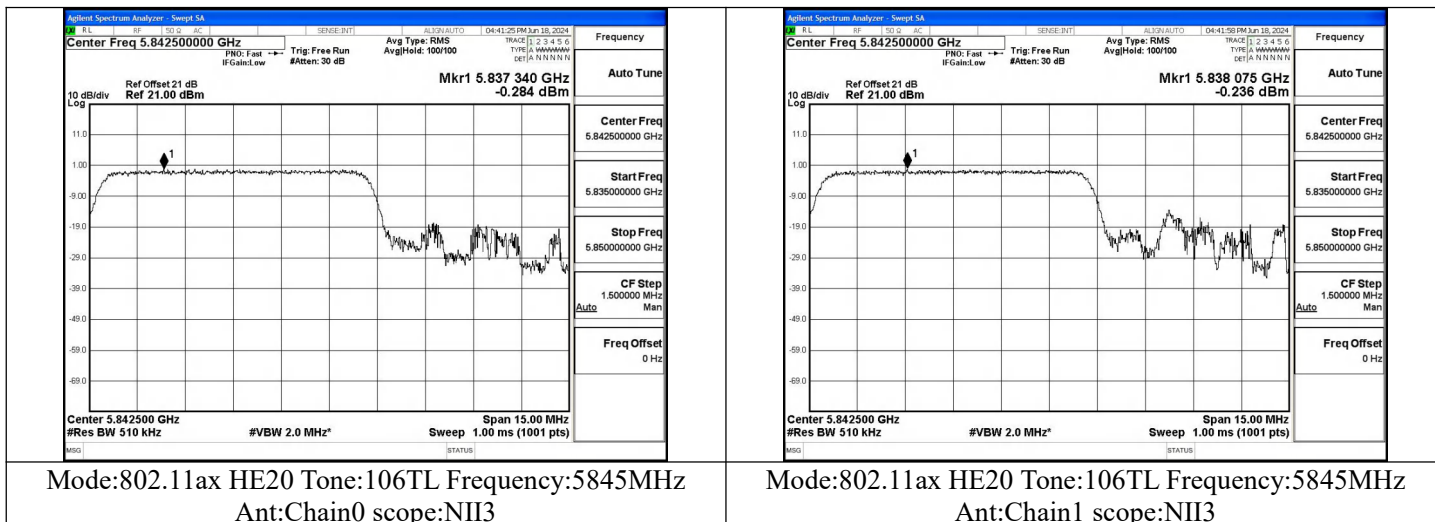
Test Mode: 802.11n HT20



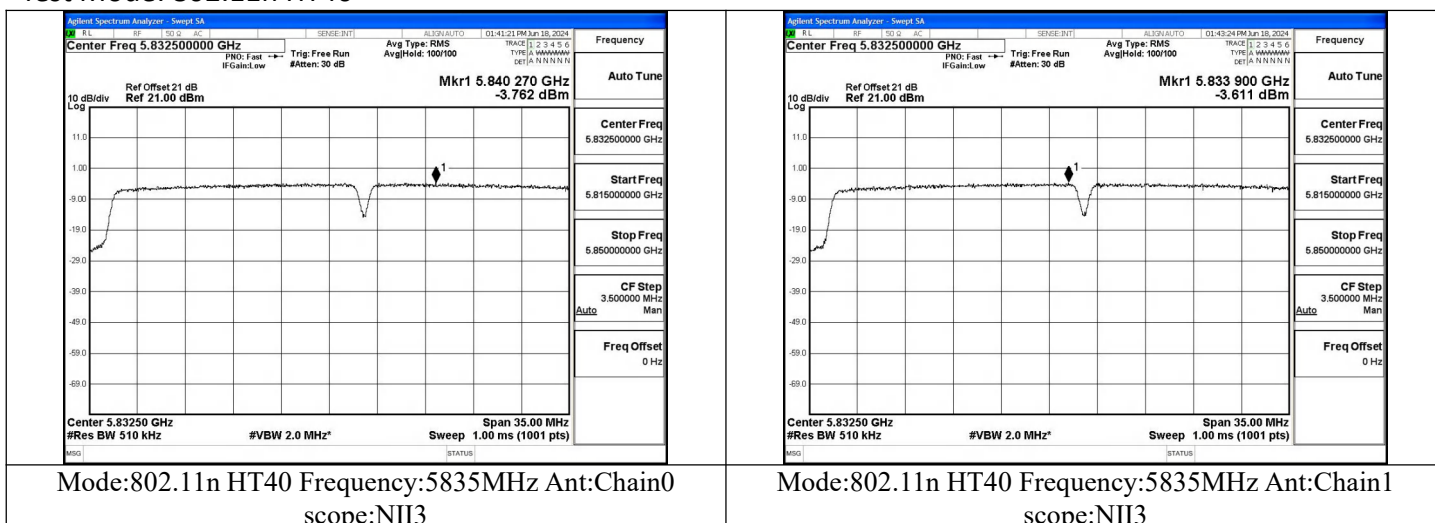
Test Mode: 802.11ac VHT20



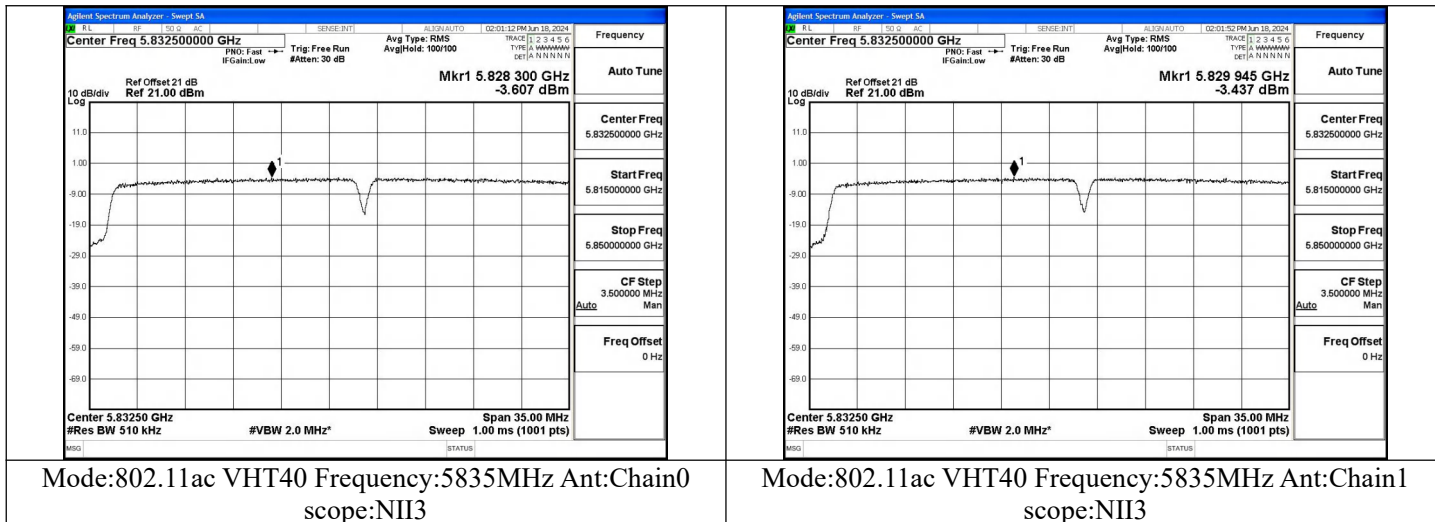
Test Mode: 802.11ax HE20



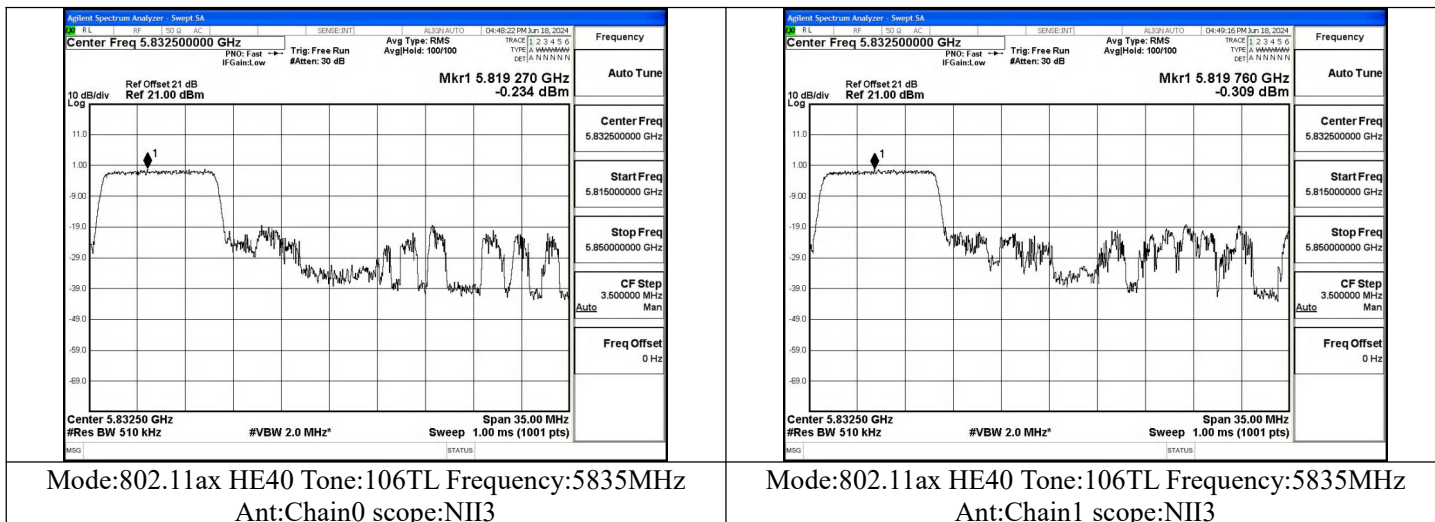
Test Mode: 802.11n HT40



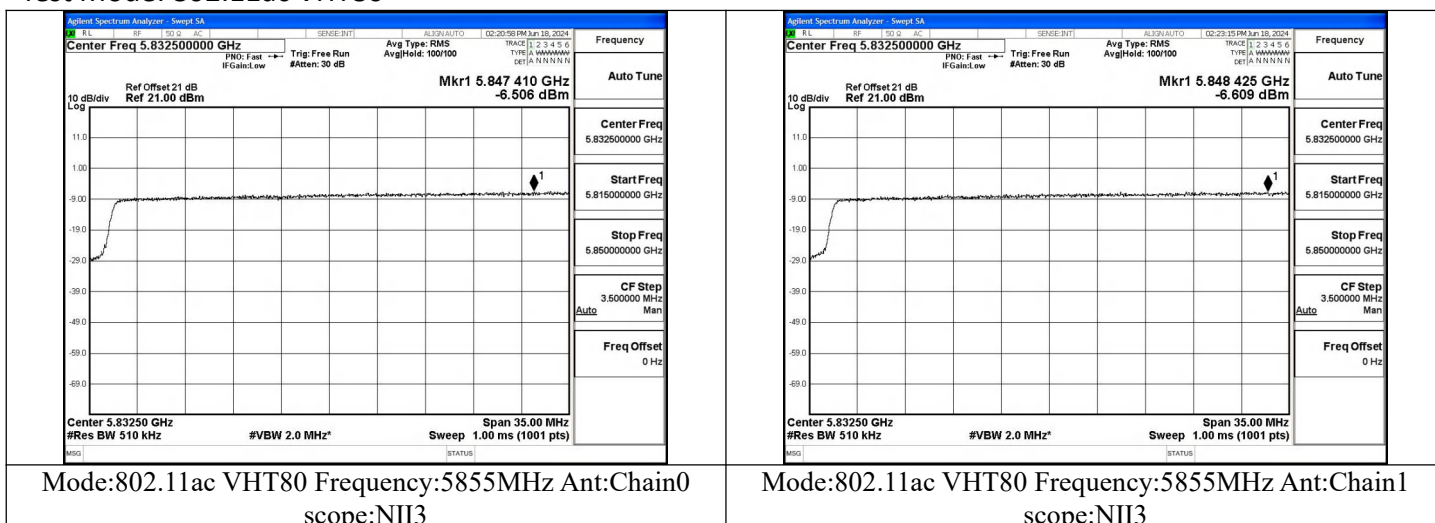
Test Mode: 802.11ac VHT40



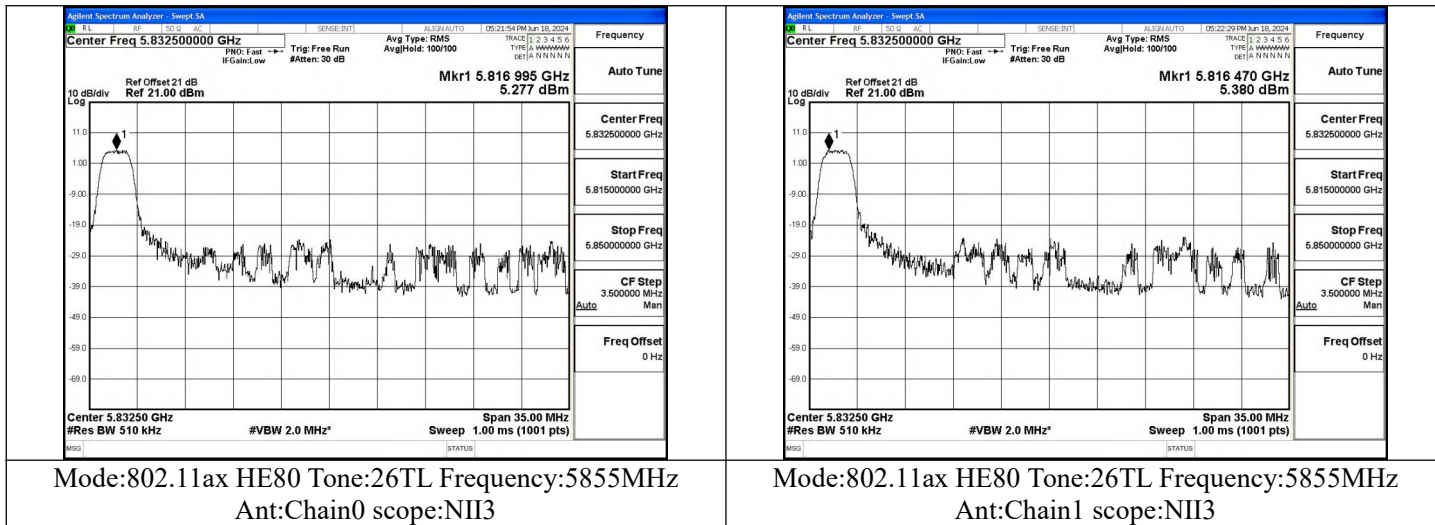
Test Mode: 802.11ax HE40



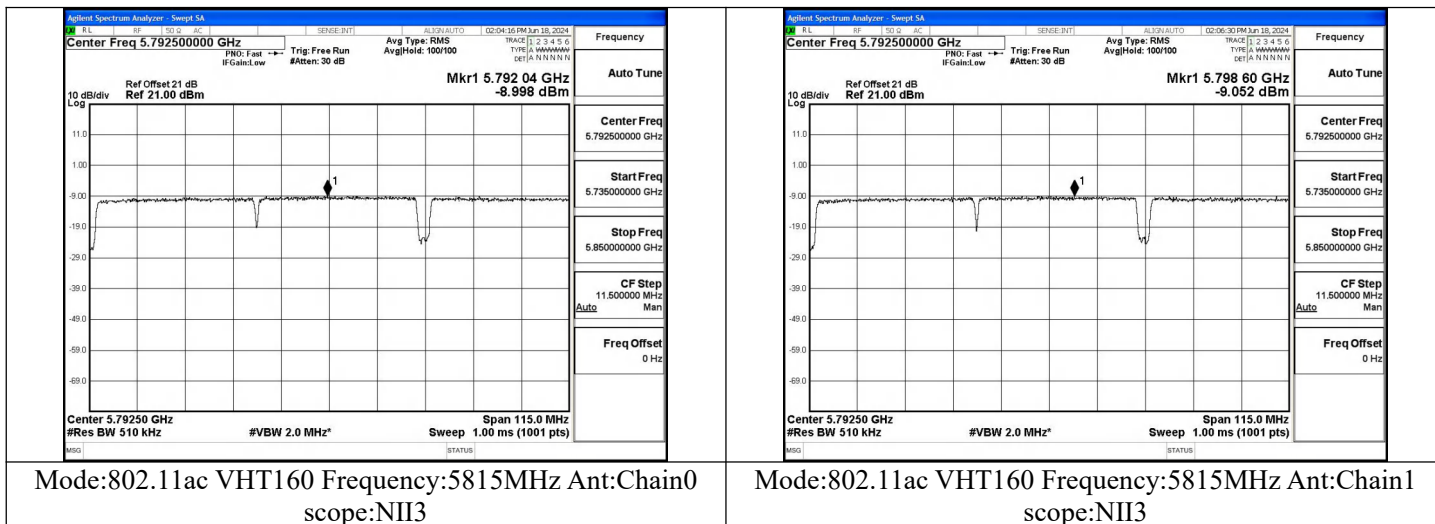
Test Mode: 802.11ac VHT80



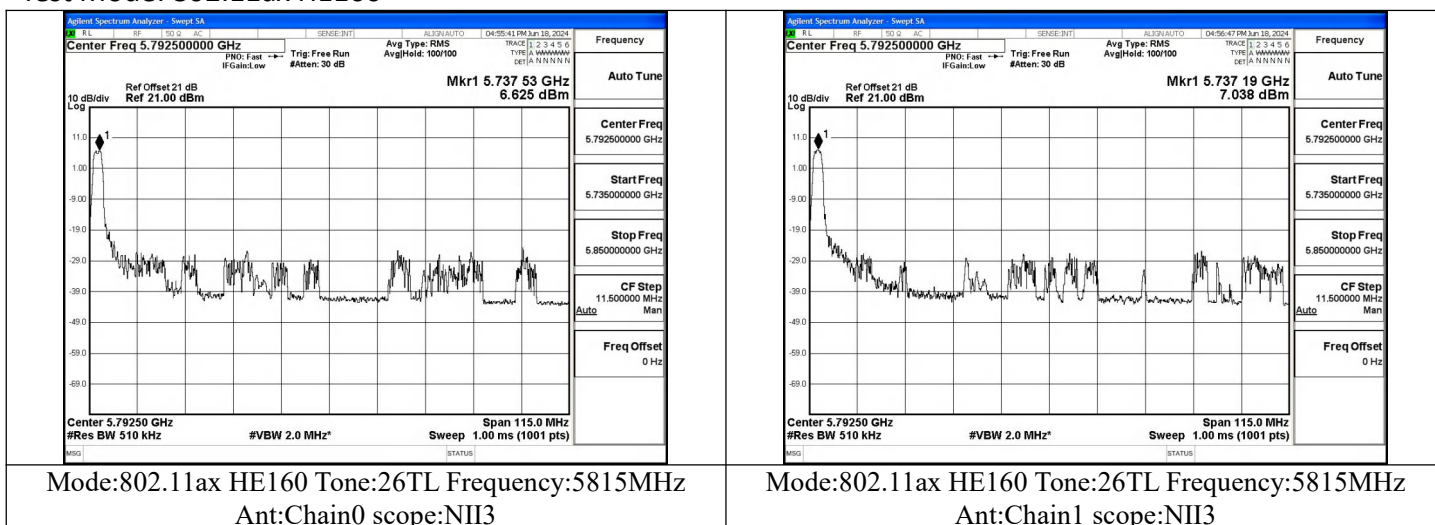
Test Mode: 802.11ax HE80



Test Mode: 802.11ac VHT160



Test Mode: 802.11ax HE160



NII4

Offset 21dB = Attenuator + Temporary antenna connector loss + Cable loss

Title	Test Mode	Antenna	5845MHz	
			Correction Factor(dB)	Power Density (dBm/500KHz)
NII4	802.11a	Chain0	0	-3.884
NII4	802.11a	Chain1	0	-3.983
NII4	802.11n HT20	Chain0	0	-4.292
NII4	802.11n HT20	Chain1	0	-4.403
NII4	802.11n HT20	MIMO	0.000	-1.337
NII4	802.11ac VHT20	Chain0	0	-4.411
NII4	802.11ac VHT20	Chain1	0	-4.186
NII4	802.11ac VHT20	MIMO	0.000	-1.287
NII4	802.11ax HE20	Chain0	0	-18.727
NII4	802.11ax HE20	Chain1	0	-19.192
NII4	802.11ax HE20	MIMO	0.000	-15.943

Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/\text{RBW})$ to the measured result.

Title	Test Mode	Antenna	5835MHz	
			Correction Factor(dB)	Power Density (dBm/500KHz)
NII4	802.11n HT40	Chain0	0	-7.703
NII4	802.11n HT40	Chain1	0	-7.466
NII4	802.11n HT40	MIMO	0.000	-4.573
NII4	802.11ac VHT40	Chain0	0	-7.706
NII4	802.11ac VHT40	Chain1	0	-7.640
NII4	802.11ac VHT40	MIMO	0.000	-4.663
NII4	802.11ax HE40	Chain0	0	-23.307
NII4	802.11ax HE40	Chain1	0	-22.424
NII4	802.11ax HE40	MIMO	0.000	-19.833

Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/\text{RBW})$ to the measured result.

Title	Test Mode	Antenna	5855MHz	
			Correction Factor(dB)	Power Density (dBm/500KHz)
NII4	802.11ac VHT80	Chain0	0	-9.233
NII4	802.11ac VHT80	Chain1	0	-9.241
NII4	802.11ac VHT80	MIMO	0.000	-6.227
NII4	802.11ax HE80	Chain0	0	-24.566
NII4	802.11ax HE80	Chain1	0	-26.512
NII4	802.11ax HE80	MIMO	0.000	-22.421

Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/\text{RBW})$ to the measured result.