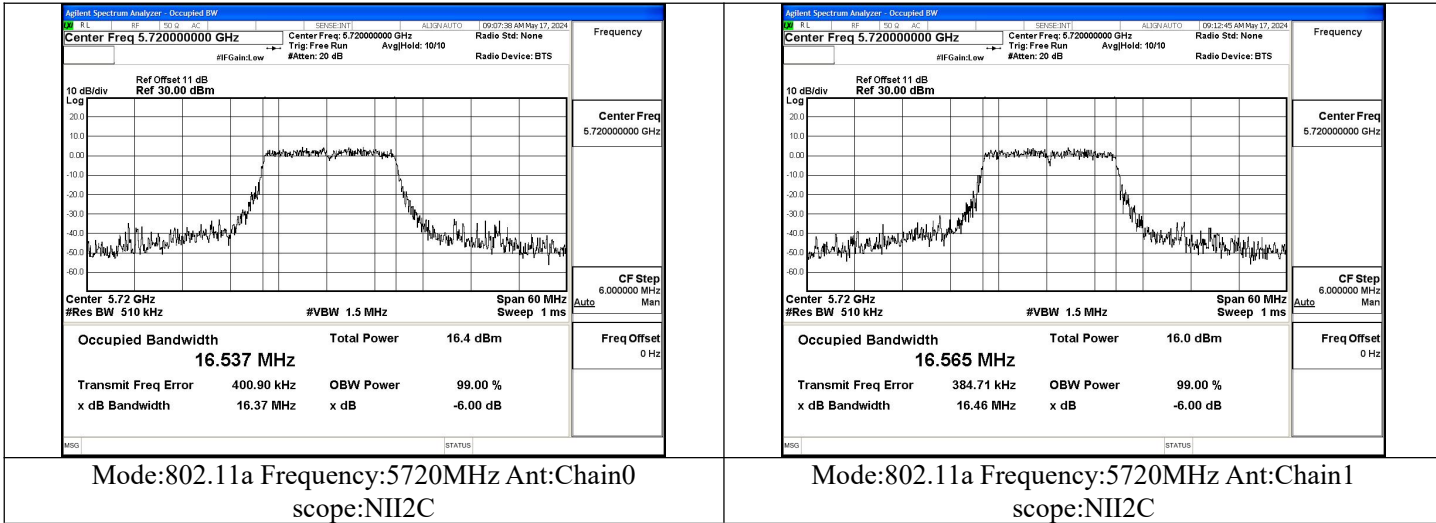
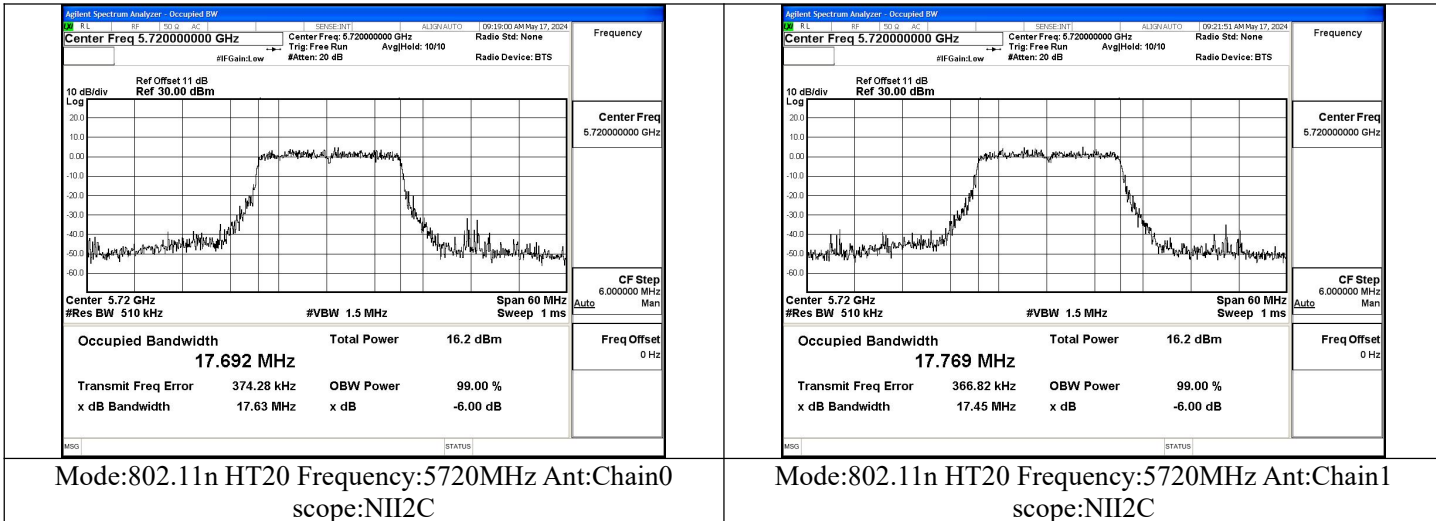


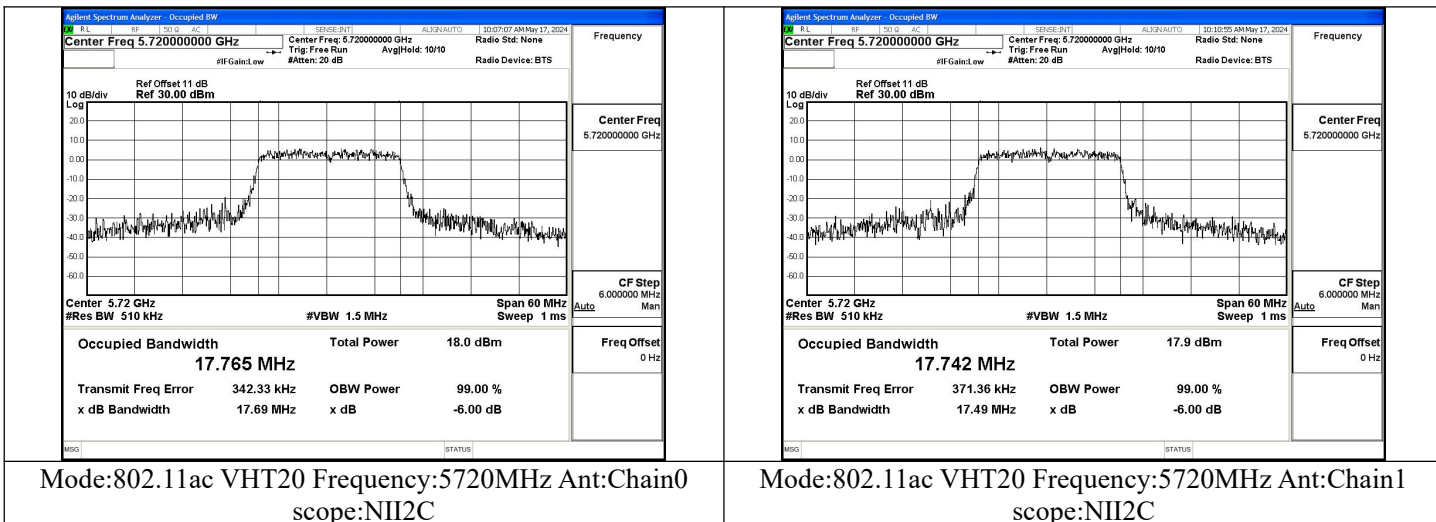
Test Mode: 802.11a



Test Mode: 802.11n HT20



Test Mode: 802.11ac VHT20



Test Mode: 802.11ax HE20

<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.72000000 GHz</p> <p>Center Freq: 5.72000000 GHz</p> <p>Radio Std: None</p> <p>Frequency: 5.72000000 GHz</p> <p>Ref Offset 11 dB Ref 30.00 dBm</p> <p>Center 5.72 GHz</p> <p>#Res BW 510 kHz</p> <p>#VBW 1.5 MHz</p> <p>Span 60 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth: 18.976 MHz</p> <p>Total Power: 16.6 dBm</p> <p>Transmit Freq Error: 350.27 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 18.73 MHz</p> <p>x dB: -6.00 dB</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.72000000 GHz</p> <p>Center Freq: 5.72000000 GHz</p> <p>Radio Std: None</p> <p>Frequency: 5.72000000 GHz</p> <p>Ref Offset 11 dB Ref 30.00 dBm</p> <p>Center 5.72 GHz</p> <p>#Res BW 510 kHz</p> <p>#VBW 1.5 MHz</p> <p>Span 60 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth: 19.116 MHz</p> <p>Total Power: 16.7 dBm</p> <p>Transmit Freq Error: 388.62 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 19.07 MHz</p> <p>x dB: -6.00 dB</p>
<p>Mode:802.11ax HE20 Frequency:5720MHz Ant:Chain0 scope:NI2C</p>	<p>Mode:802.11ax HE20 Frequency:5720MHz Ant:Chain1 scope:NI2C</p>

Test Mode: 802.11n HT40

<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.71000000 GHz</p> <p>Center Freq: 5.71000000 GHz</p> <p>Radio Std: None</p> <p>Frequency: 5.71000000 GHz</p> <p>Ref Offset 11 dB Ref 30.00 dBm</p> <p>Center 5.71 GHz</p> <p>#Res BW 1 MHz</p> <p>#VBW 3 MHz</p> <p>Span 120 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth: 36.430 MHz</p> <p>Total Power: 17.5 dBm</p> <p>Transmit Freq Error: 429.42 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 36.33 MHz</p> <p>x dB: -6.00 dB</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.71000000 GHz</p> <p>Center Freq: 5.71000000 GHz</p> <p>Radio Std: None</p> <p>Frequency: 5.71000000 GHz</p> <p>Ref Offset 11 dB Ref 30.00 dBm</p> <p>Center 5.71 GHz</p> <p>#Res BW 1 MHz</p> <p>#VBW 3 MHz</p> <p>Span 120 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth: 36.396 MHz</p> <p>Total Power: 17.8 dBm</p> <p>Transmit Freq Error: 438.90 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 36.33 MHz</p> <p>x dB: -6.00 dB</p>
<p>Mode:802.11n HT40 Frequency:5710MHz Ant:Chain0 scope:NI2C</p>	<p>Mode:802.11n HT40 Frequency:5710MHz Ant:Chain1 scope:NI2C</p>

Test Mode: 802.11ac VHT40

<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.71000000 GHz</p> <p>Center Freq: 5.71000000 GHz</p> <p>Radio Std: None</p> <p>Frequency: 5.71000000 GHz</p> <p>Ref Offset 11 dB Ref 30.00 dBm</p> <p>Center 5.71 GHz</p> <p>#Res BW 1 MHz</p> <p>#VBW 3 MHz</p> <p>Span 120 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth: 36.426 MHz</p> <p>Total Power: 17.7 dBm</p> <p>Transmit Freq Error: 410.85 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 36.41 MHz</p> <p>x dB: -6.00 dB</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.71000000 GHz</p> <p>Center Freq: 5.71000000 GHz</p> <p>Radio Std: None</p> <p>Frequency: 5.71000000 GHz</p> <p>Ref Offset 11 dB Ref 30.00 dBm</p> <p>Center 5.71 GHz</p> <p>#Res BW 1 MHz</p> <p>#VBW 3 MHz</p> <p>Span 120 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth: 36.331 MHz</p> <p>Total Power: 17.5 dBm</p> <p>Transmit Freq Error: 369.70 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 36.18 MHz</p> <p>x dB: -6.00 dB</p>
<p>Mode:802.11ac VHT40 Frequency:5710MHz Ant:Chain0 scope:NI2C</p>	<p>Mode:802.11ac VHT40 Frequency:5710MHz Ant:Chain1 scope:NI2C</p>

Test Mode: 802.11ax HE40

<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.71000000 GHz</p> <p>Ref Offset 11 dB Ref 30.00 dBm</p> <p>Center Freq 5.71000000 GHz</p> <p>Occupied Bandwidth 37.993 MHz</p> <p>Total Power 16.1 dBm</p> <p>Transmit Freq Error 441.81 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 37.85 MHz</p> <p>x dB -6.00 dB</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.71000000 GHz</p> <p>Ref Offset 11 dB Ref 30.00 dBm</p> <p>Center Freq 5.71000000 GHz</p> <p>Occupied Bandwidth 38.041 MHz</p> <p>Total Power 16.3 dBm</p> <p>Transmit Freq Error 454.42 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 37.29 MHz</p> <p>x dB -6.00 dB</p>
<p>Mode:802.11ax HE40 Frequency:5710MHz Ant:Chain0 scope:NI2C</p>	<p>Mode:802.11ax HE40 Frequency:5710MHz Ant:Chain1 scope:NI2C</p>

Test Mode: 802.11ac VHT80

<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.69000000 GHz</p> <p>Ref Offset 11 dB Ref 30.00 dBm</p> <p>Center Freq 5.69000000 GHz</p> <p>Occupied Bandwidth 76.505 MHz</p> <p>Total Power 17.2 dBm</p> <p>Transmit Freq Error 317.34 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 76.68 MHz</p> <p>x dB -6.00 dB</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.69000000 GHz</p> <p>Ref Offset 11 dB Ref 30.00 dBm</p> <p>Center Freq 5.69000000 GHz</p> <p>Occupied Bandwidth 76.316 MHz</p> <p>Total Power 17.1 dBm</p> <p>Transmit Freq Error 302.30 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 76.05 MHz</p> <p>x dB -6.00 dB</p>
<p>Mode:802.11ac VHT80 Frequency:5690MHz Ant:Chain0 scope:NI2C</p>	<p>Mode:802.11ac VHT80 Frequency:5690MHz Ant:Chain1 scope:NI2C</p>

Test Mode: 802.11ax HE80

<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.69000000 GHz</p> <p>Ref Offset 11 dB Ref 30.00 dBm</p> <p>Center Freq 5.69000000 GHz</p> <p>Occupied Bandwidth 77.792 MHz</p> <p>Total Power 16.0 dBm</p> <p>Transmit Freq Error 413.95 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 76.44 MHz</p> <p>x dB -6.00 dB</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.69000000 GHz</p> <p>Ref Offset 11 dB Ref 30.00 dBm</p> <p>Center Freq 5.69000000 GHz</p> <p>Occupied Bandwidth 77.801 MHz</p> <p>Total Power 16.0 dBm</p> <p>Transmit Freq Error 178.15 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 76.49 MHz</p> <p>x dB -6.00 dB</p>
<p>Mode:802.11ax HE80 Frequency:5690MHz Ant:Chain0 scope:NI2C</p>	<p>Mode:802.11ax HE80 Frequency:5690MHz Ant:Chain1 scope:NI2C</p>

NII3

Offset 11dB = Attenuator + Temporary antenna connector loss + Cable loss

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII3	802.11a	Chain0	3.63
NII3	802.11a	Chain1	3.68
NII3	802.11n HT20	Chain0	4.22
NII3	802.11n HT20	Chain1	4.21
NII3	802.11ac VHT20	Chain0	4.21
NII3	802.11ac VHT20	Chain1	4.21
NII3	802.11ax HE20	Chain0	4.89
NII3	802.11ax HE20	Chain1	4.85

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII3	802.11n HT40	Chain0	3.58
NII3	802.11n HT40	Chain1	3.58
NII3	802.11ac VHT40	Chain0	3.60
NII3	802.11ac VHT40	Chain1	3.58
NII3	802.11ax HE40	Chain0	4.37
NII3	802.11ax HE40	Chain1	4.47

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII3	802.11ac VHT80	Chain0	3.45
NII3	802.11ac VHT80	Chain1	3.52
NII3	802.11ax HE80	Chain0	4.13
NII3	802.11ax HE80	Chain1	4.18

6dB Bandwidth

NII2C

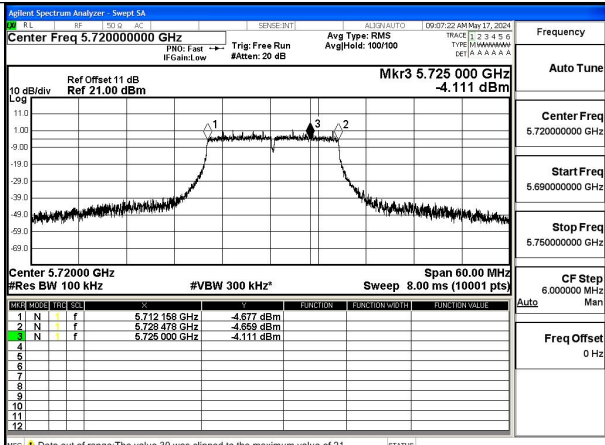
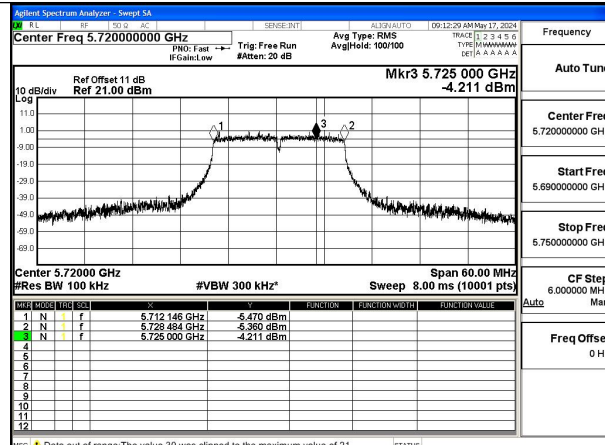
Offset 11dB = Attenuator + Temporary antenna connector loss + Cable loss

6dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII2C	802.11a	Chain0	12.84
NII2C	802.11a	Chain1	12.85
NII2C	802.11n HT20	Chain0	13.47
NII2C	802.11n HT20	Chain1	13.46
NII2C	802.11ac VHT20	Chain0	13.47
NII2C	802.11ac VHT20	Chain1	13.47
NII2C	802.11ax HE20	Chain0	14.20
NII2C	802.11ax HE20	Chain1	14.04

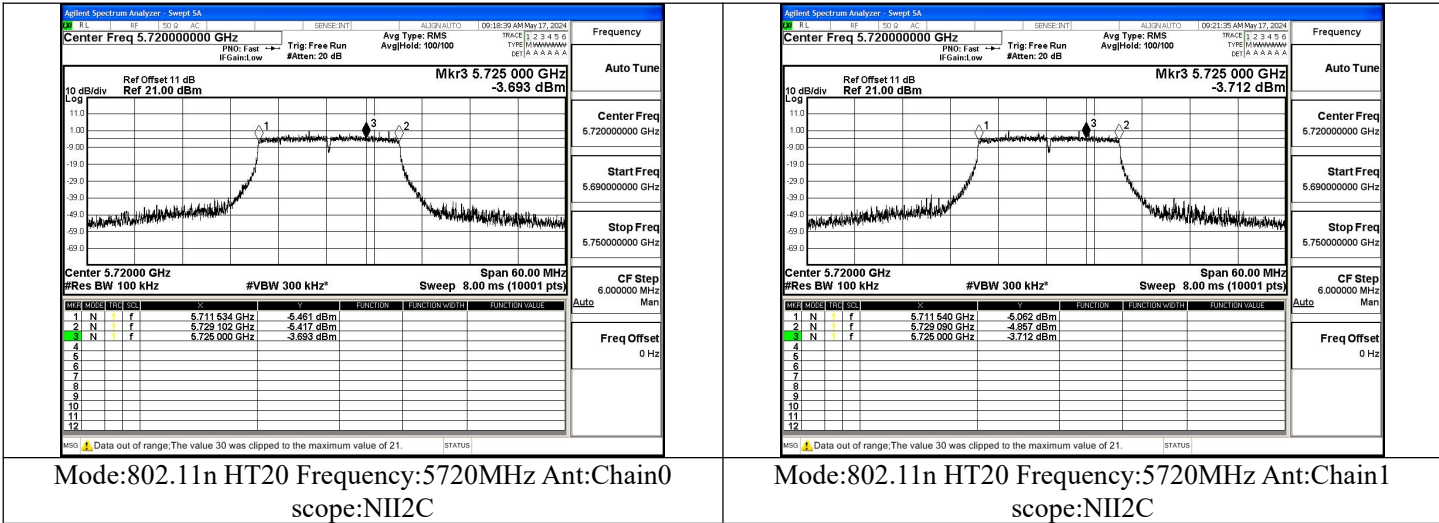
6dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII2C	802.11n HT40	Chain0	32.86
NII2C	802.11n HT40	Chain1	32.84
NII2C	802.11ac VHT40	Chain0	32.84
NII2C	802.11ac VHT40	Chain1	32.84
NII2C	802.11ax HE40	Chain0	33.73
NII2C	802.11ax HE40	Chain1	33.66

6dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII2C	802.11ac VHT80	Chain0	72.85
NII2C	802.11ac VHT80	Chain1	72.78
NII2C	802.11ax HE80	Chain0	73.54
NII2C	802.11ax HE80	Chain1	73.74

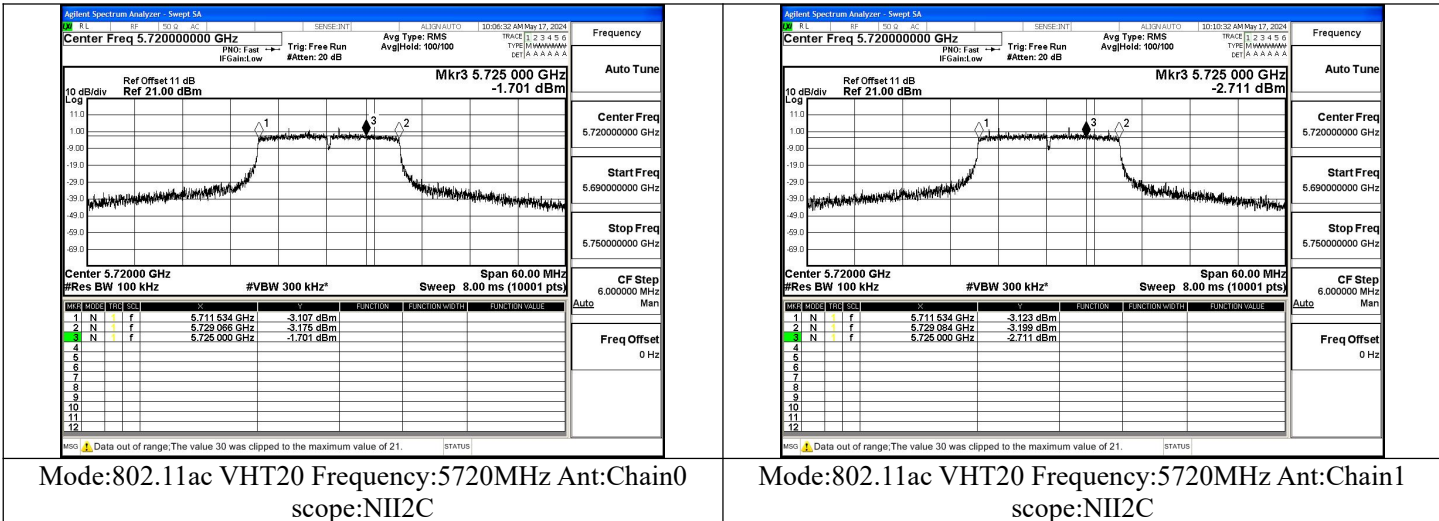
Test Mode: 802.11a

 <p>Agilent Spectrum Analyzer - Swept SA Center Freq 5.72000000 GHz Ref Offset 11 dB Ref 21.00 dBm Mkr3 5.725 000 GHz -4.111 dBm Span 60.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 8.00 ms (10001 pts) CF Step 6.000000 MHz Auto Tune Center Freq 5.72000000 GHz Start Freq 5.69000000 GHz Stop Freq 5.75000000 GHz CF Step 6.000000 MHz Auto Freq Offset 0 Hz</p> <table border="1"> <thead> <tr> <th>MN</th> <th>MODE</th> <th>FREQ</th> <th>SPAN</th> <th>Y</th> <th>FUNCTION</th> <th>FUNCTION WIDTH</th> <th>FUNCTION VALUE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N</td> <td>f</td> <td>5.712 168 GHz</td> <td>-4.677 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>f</td> <td>5.728 478 GHz</td> <td>-4.689 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>f</td> <td>5.725 000 GHz</td> <td>-4.111 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Mode:802.11a Frequency:5720MHz Ant:Chain0 scope:NII2C</p>	MN	MODE	FREQ	SPAN	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	f	5.712 168 GHz	-4.677 dBm				2	N	f	5.728 478 GHz	-4.689 dBm				3	N	f	5.725 000 GHz	-4.111 dBm				 <p>Agilent Spectrum Analyzer - Swept SA Center Freq 5.72000000 GHz Ref Offset 11 dB Ref 21.00 dBm Mkr3 5.725 000 GHz -4.211 dBm Span 60.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 8.00 ms (10001 pts) CF Step 6.000000 MHz Auto Tune Center Freq 5.72000000 GHz Start Freq 5.69000000 GHz Stop Freq 5.75000000 GHz CF Step 6.000000 MHz Auto Freq Offset 0 Hz</p> <table border="1"> <thead> <tr> <th>MN</th> <th>MODE</th> <th>FREQ</th> <th>SPAN</th> <th>Y</th> <th>FUNCTION</th> <th>FUNCTION WIDTH</th> <th>FUNCTION VALUE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N</td> <td>f</td> <td>5.712 146 GHz</td> <td>-5.470 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>f</td> <td>5.728 484 GHz</td> <td>-5.380 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>f</td> <td>5.725 000 GHz</td> <td>-4.211 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Mode:802.11a Frequency:5720MHz Ant:Chain1 scope:NII2C</p>	MN	MODE	FREQ	SPAN	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	f	5.712 146 GHz	-5.470 dBm				2	N	f	5.728 484 GHz	-5.380 dBm				3	N	f	5.725 000 GHz	-4.211 dBm			
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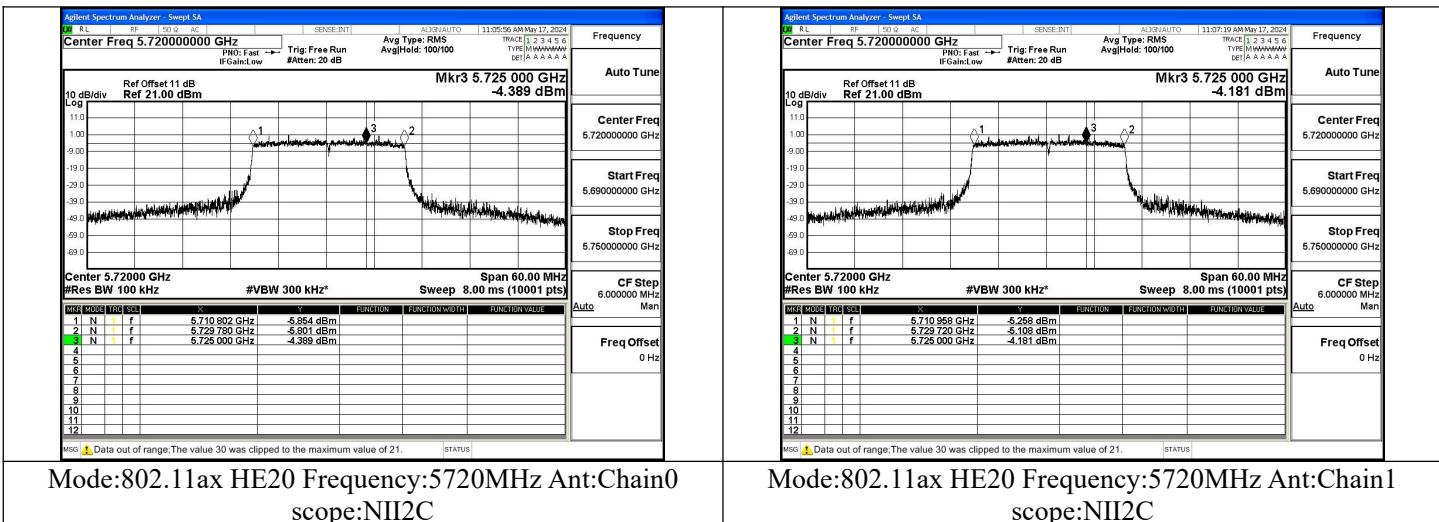
Test Mode: 802.11n HT20



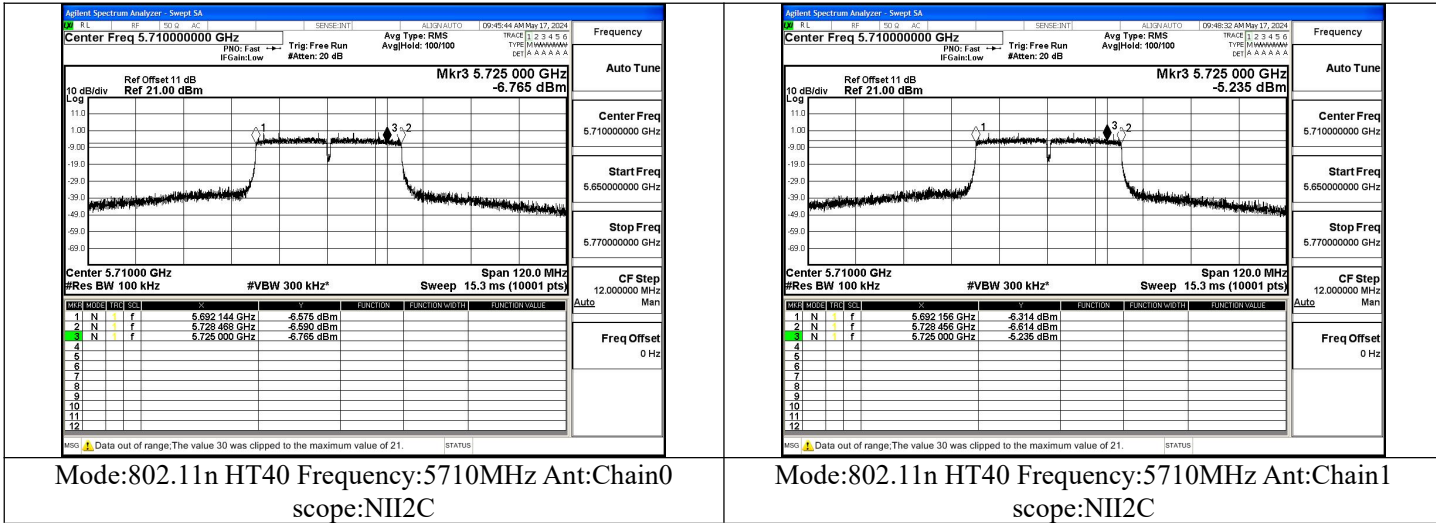
Test Mode: 802.11ac VHT20



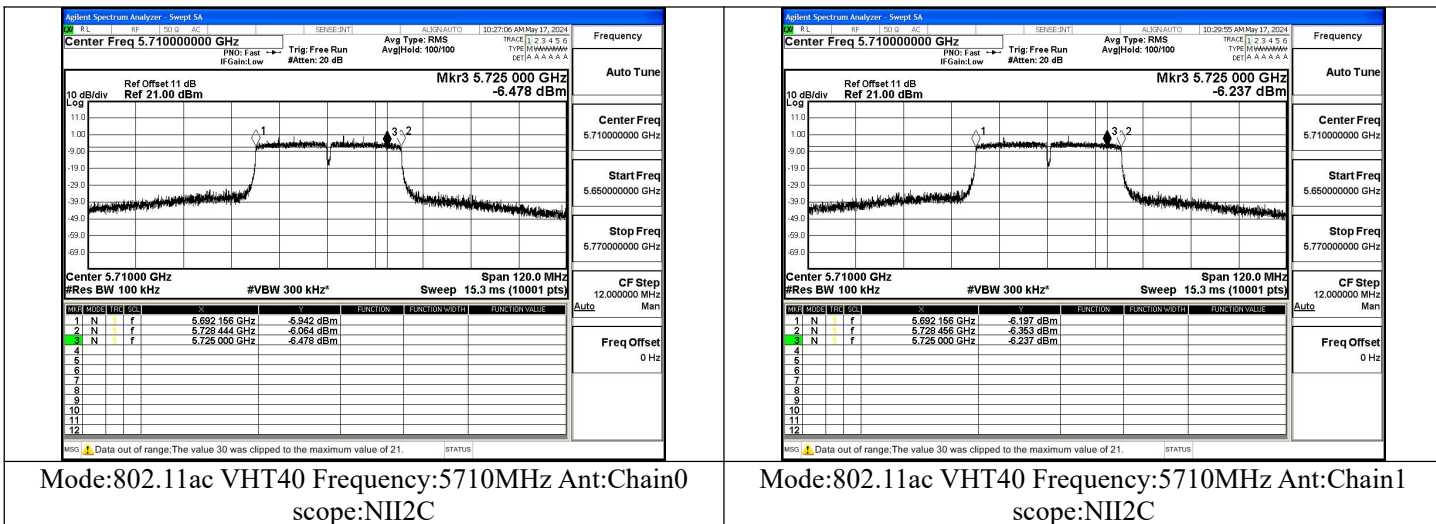
Test Mode: 802.11ax HE20



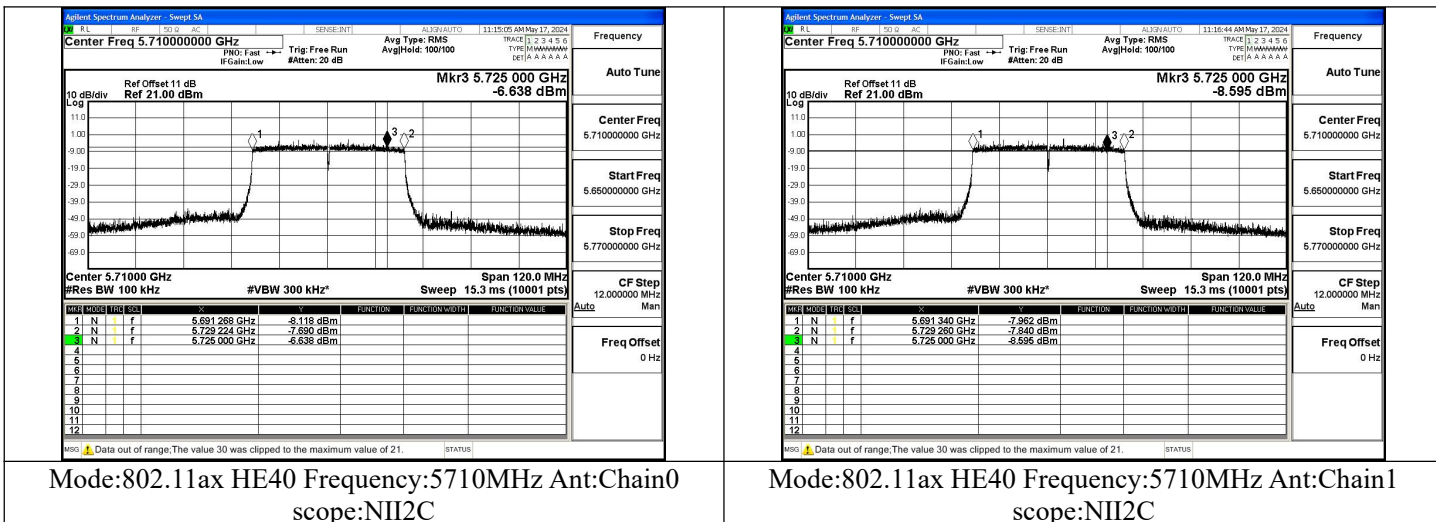
Test Mode: 802.11n HT40



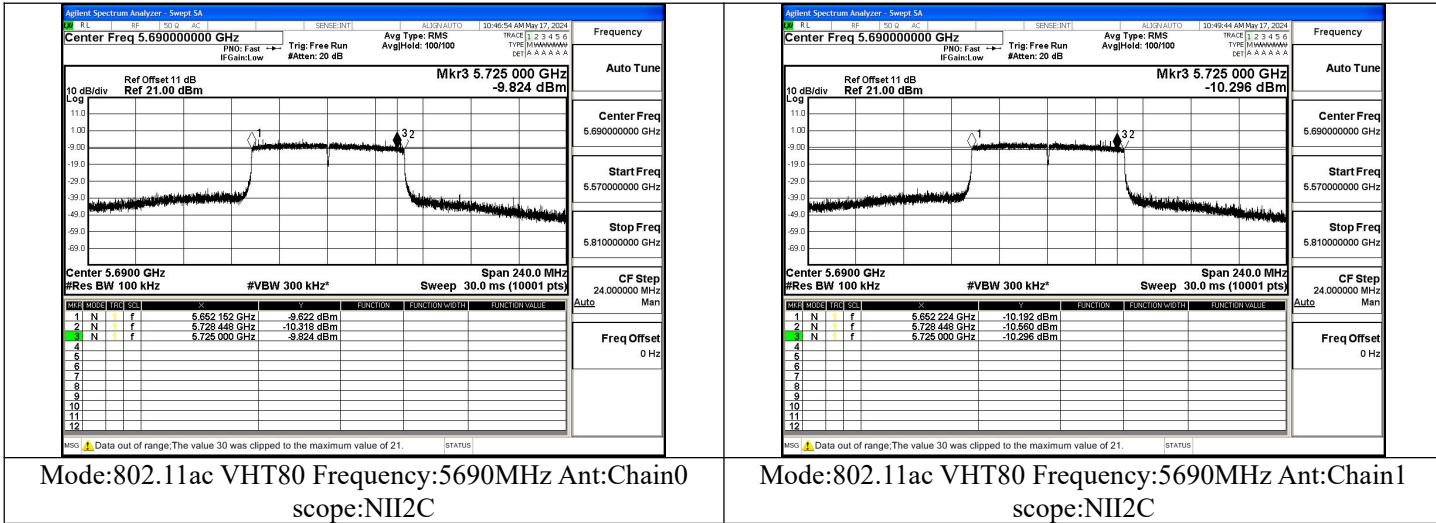
Test Mode: 802.11ac VHT40



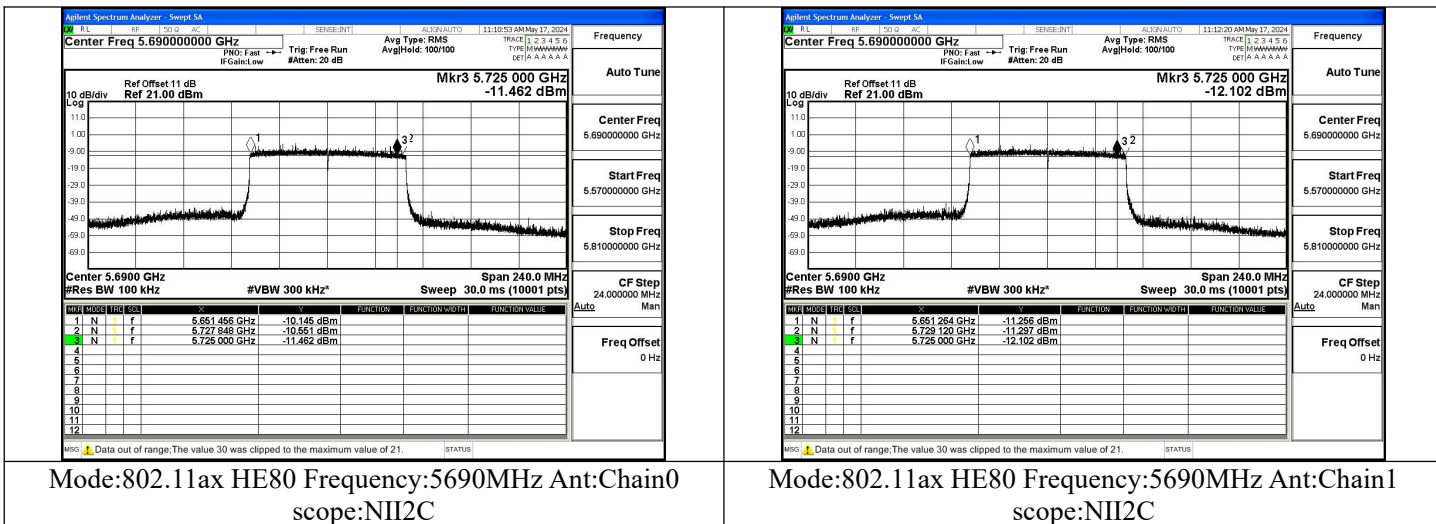
Test Mode: 802.11ax HE40



Test Mode: 802.11ac VHT80



Test Mode: 802.11ax HE80



NII3

Offset 11dB = Attenuator + Temporary antenna connector loss + Cable loss

6dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII3	802.11a	Chain0	3.48
NII3	802.11a	Chain1	3.48
NII3	802.11n HT20	Chain0	4.10
NII3	802.11n HT20	Chain1	4.09
NII3	802.11ac VHT20	Chain0	4.07
NII3	802.11ac VHT20	Chain1	4.08
NII3	802.11ax HE20	Chain0	4.78
NII3	802.11ax HE20	Chain1	4.72

6dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII3	802.11n HT40	Chain0	3.47
NII3	802.11n HT40	Chain1	3.46
NII3	802.11ac VHT40	Chain0	3.44
NII3	802.11ac VHT40	Chain1	3.46
NII3	802.11ax HE40	Chain0	4.22
NII3	802.11ax HE40	Chain1	4.26

6dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII3	802.11ac VHT80	Chain0	3.45
NII3	802.11ac VHT80	Chain1	3.45
NII3	802.11ax HE80	Chain0	2.85
NII3	802.11ax HE80	Chain1	4.12

Transmitter Power Spectral Density

NII2C

Offset 11dB = Attenuator + Temporary antenna connector loss + Cable loss

Title	Test Mode	Antenna	5720MHz	
			Correction Factor(dB)	Power Density (dBm/500KHz)
NII2C	802.11a	Chain0	0	-1.529
NII2C	802.11a	Chain1	0	-1.410
NII2C	802.11n HT20	Chain0	0	-1.807
NII2C	802.11n HT20	Chain1	0	-1.804
NII2C	802.11n HT20	MIMO	0.000	1.205
NII2C	802.11ac VHT20	Chain0	0	-0.145
NII2C	802.11ac VHT20	Chain1	0	-0.111
NII2C	802.11ac VHT20	MIMO	0.000	2.882
NII2C	802.11ax HE20	Chain0	0	-1.681
NII2C	802.11ax HE20	Chain1	0	-1.684
NII2C	802.11ax HE20	MIMO	0.000	1.328

Title	Test Mode	Antenna	5710MHz	
			Correction Factor(dB)	Power Density (dBm/500KHz)
NII2C	802.11n HT40	Chain0	0	-2.927
NII2C	802.11n HT40	Chain1	0	-2.965
NII2C	802.11n HT40	MIMO	0.000	0.064
NII2C	802.11ac VHT40	Chain0	0	-2.953
NII2C	802.11ac VHT40	Chain1	0	-2.961
NII2C	802.11ac VHT40	MIMO	0.000	0.053
NII2C	802.11ax HE40	Chain0	0	-1.825
NII2C	802.11ax HE40	Chain1	0	-1.778
NII2C	802.11ax HE40	MIMO	0.000	1.209

Title	Test Mode	Antenna	5690MHz	
			Correction Factor(dB)	Power Density (dBm/500KHz)
NII2C	802.11ac VHT80	Chain0	0	-6.145
NII2C	802.11ac VHT80	Chain1	0	-6.026
NII2C	802.11ac VHT80	MIMO	0.000	-3.075
NII2C	802.11ax HE80	Chain0	0	4.498
NII2C	802.11ax HE80	Chain1	0	4.544
NII2C	802.11ax HE80	MIMO	0.000	7.531

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