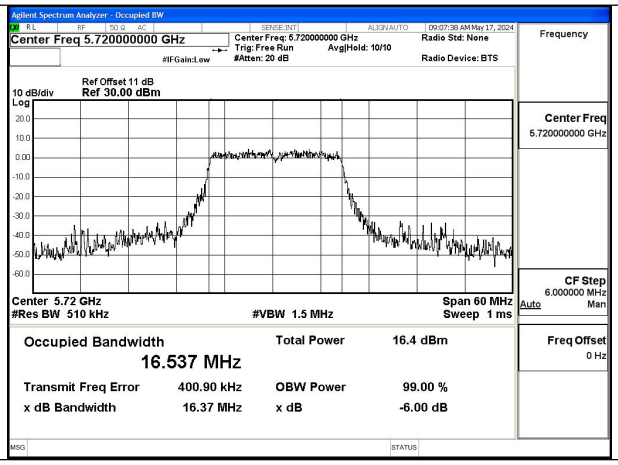
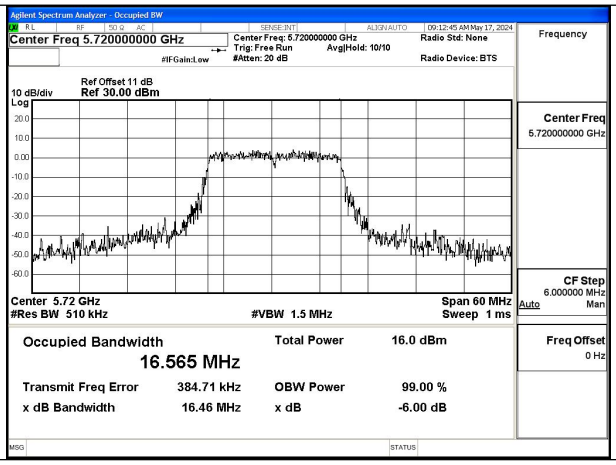
Test Mode: 802.11a

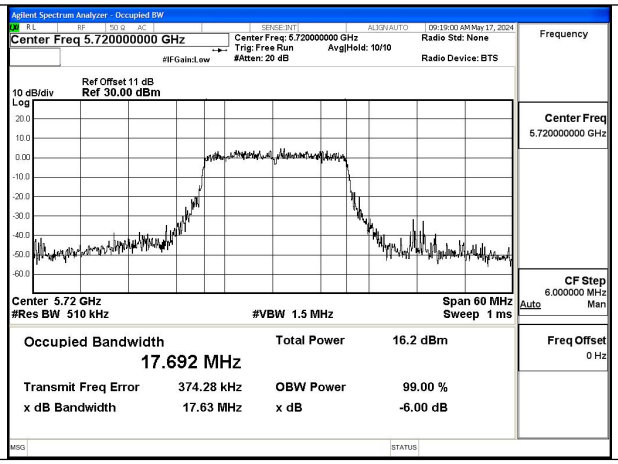


Mode:802.11a Frequency:5720MHz Ant:Chain0 scope:NII2C

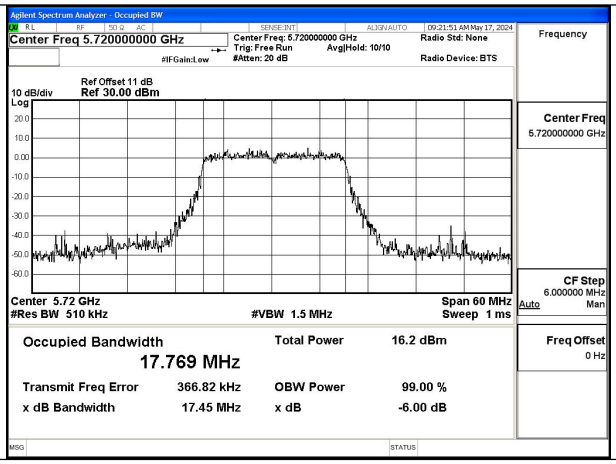


Mode:802.11a Frequency:5720MHz Ant:Chain1 scope:NII2C

Test Mode: 802.11n HT20

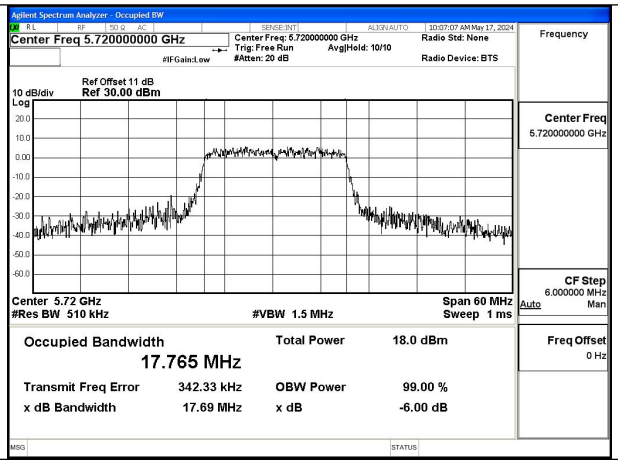


Mode:802.11n HT20 Frequency:5720MHz Ant:Chain0 scope:NII2C

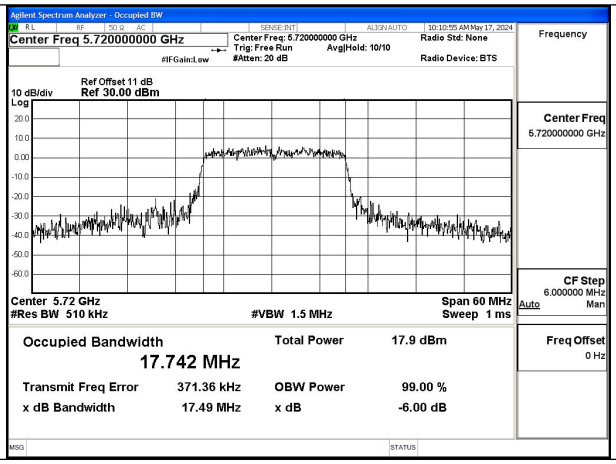


Mode:802.11n HT20 Frequency:5720MHz Ant:Chain1 scope:NII2C

Test Mode: 802.11ac VHT20

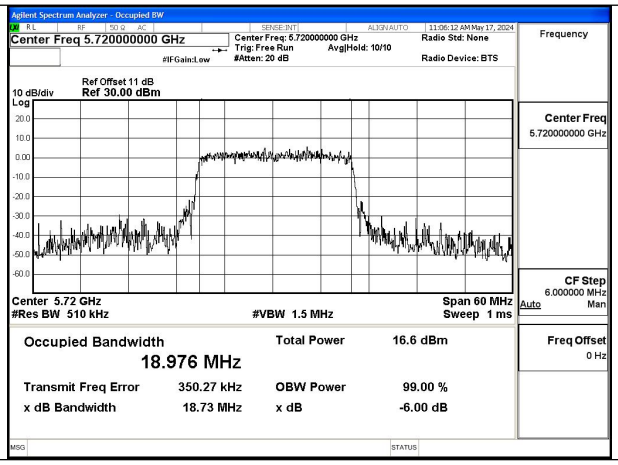


Mode:802.11ac VHT20 Frequency:5720MHz Ant:Chain0 scope:NII2C

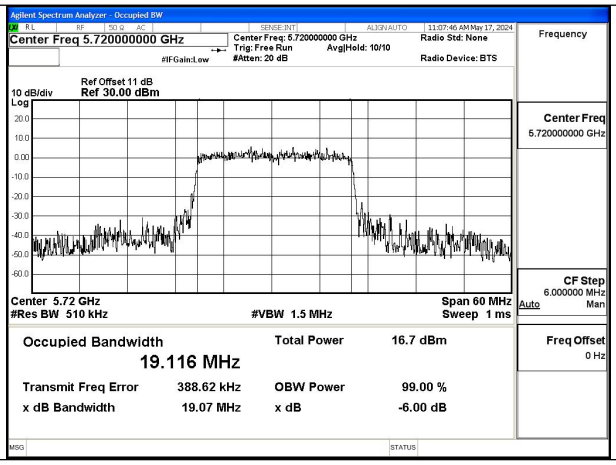


Mode:802.11ac VHT20 Frequency:5720MHz Ant:Chain1 scope:NII2C

Test Mode: 802.11ax HE20

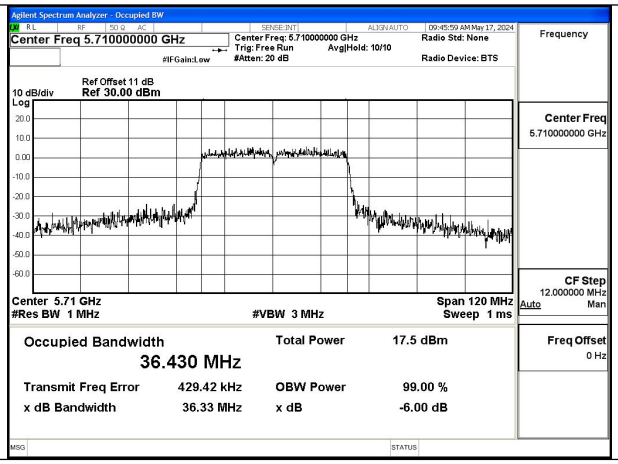


Mode:802.11ax HE20 Frequency:5720MHz Ant:Chain0 scope:NII2C

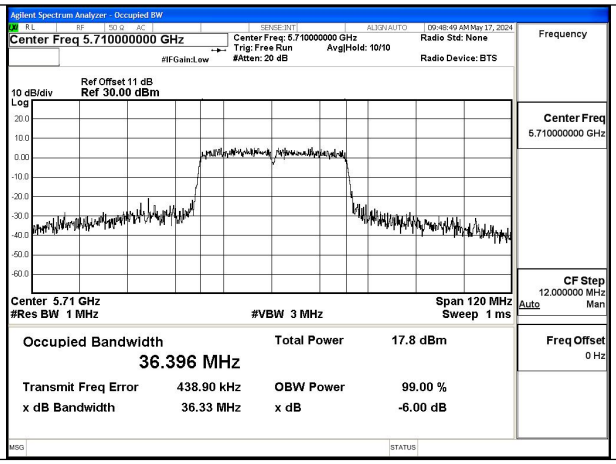


Mode:802.11ax HE20 Frequency:5720MHz Ant:Chain1 scope:NII2C

Test Mode: 802.11n HT40

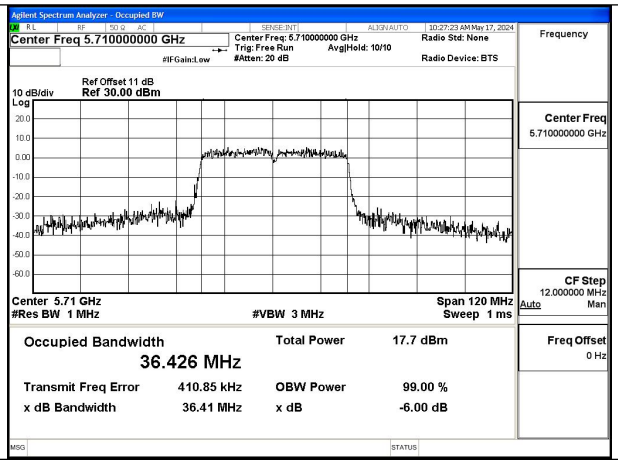


Mode:802.11n HT40 Frequency:5710MHz Ant:Chain0 scope:NII2C

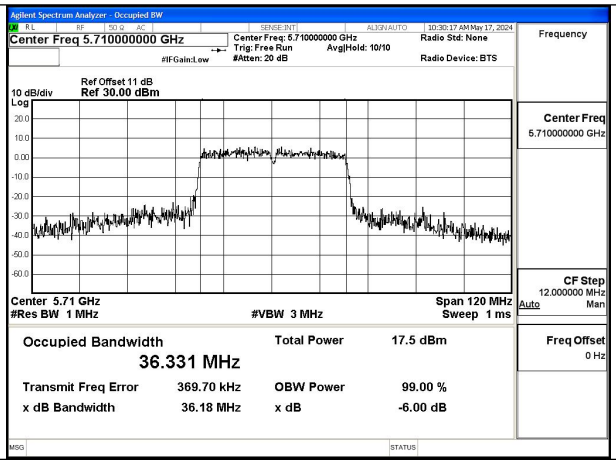


Mode:802.11n HT40 Frequency:5710MHz Ant:Chain1 scope:NII2C

Test Mode: 802.11ac VHT40

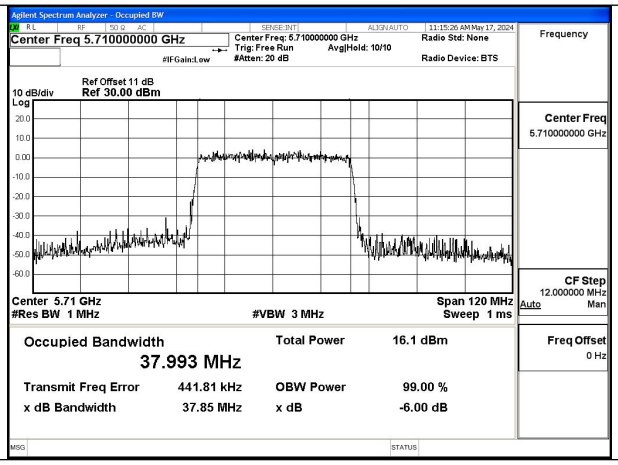


Mode:802.11ac VHT40 Frequency:5710MHz Ant:Chain0 scope:NII2C

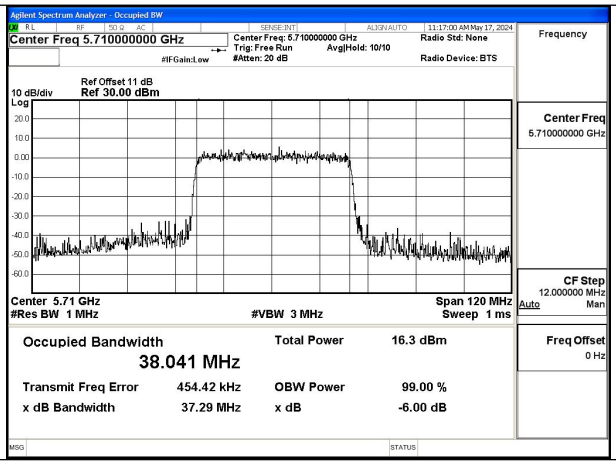


Mode:802.11ac VHT40 Frequency:5710MHz Ant:Chain1 scope:NII2C

Test Mode: 802.11ax HE40

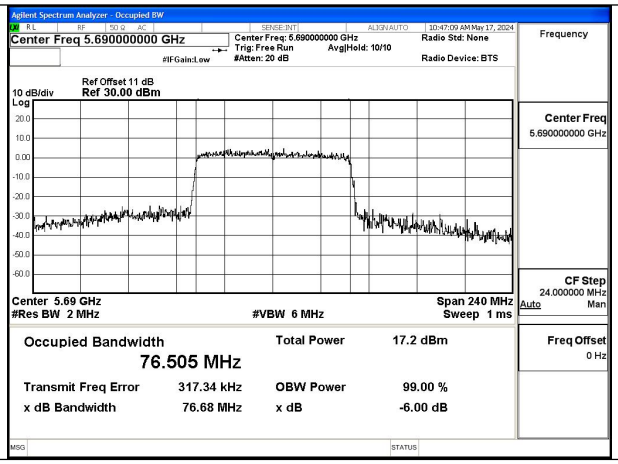


Mode:802.11ax HE40 Frequency:5710MHz Ant:Chain0 scope:NII2C

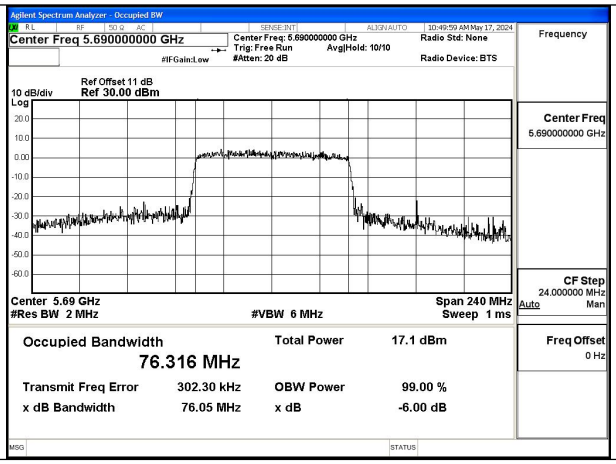


Mode:802.11ax HE40 Frequency:5710MHz Ant:Chain1 scope:NII2C

Test Mode: 802.11ac VHT80

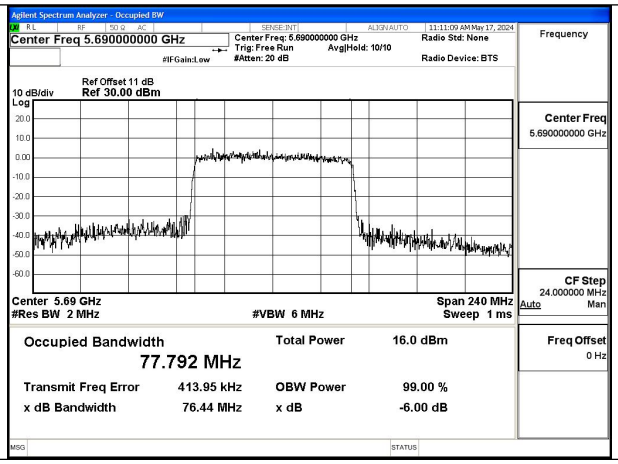


Mode:802.11ac VHT80 Frequency:5690MHz Ant:Chain0 scope:NII2C

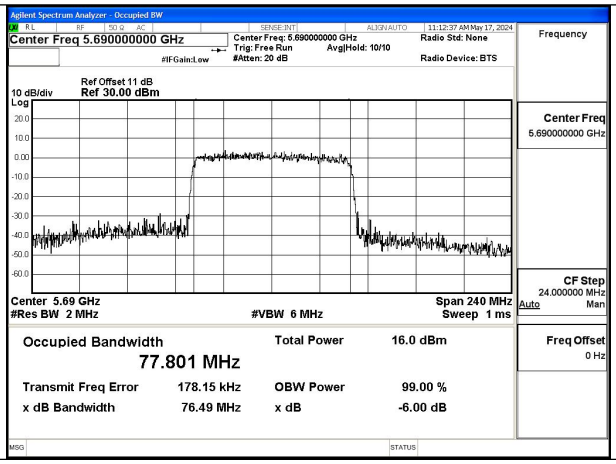


Mode:802.11ac VHT80 Frequency:5690MHz Ant:Chain1 scope:NII2C

Test Mode: 802.11ax HE80



Mode:802.11ax HE80 Frequency:5690MHz Ant:Chain0 scope:NII2C



Mode:802.11ax HE80 Frequency:5690MHz Ant:Chain1 scope:NII2C

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

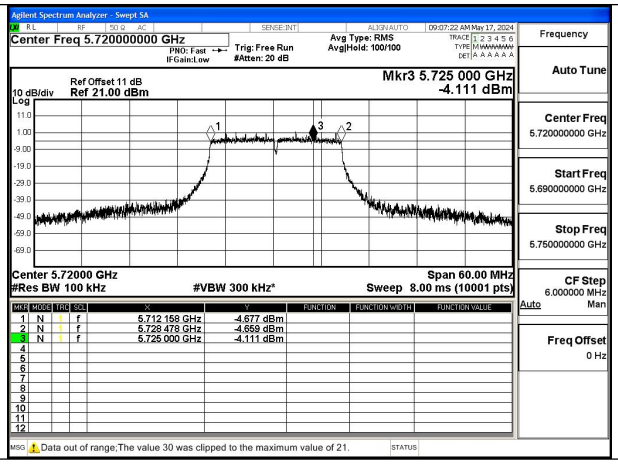
Offset 11dB = Attenuator + Temporary antenna connector loss + Cable loss

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

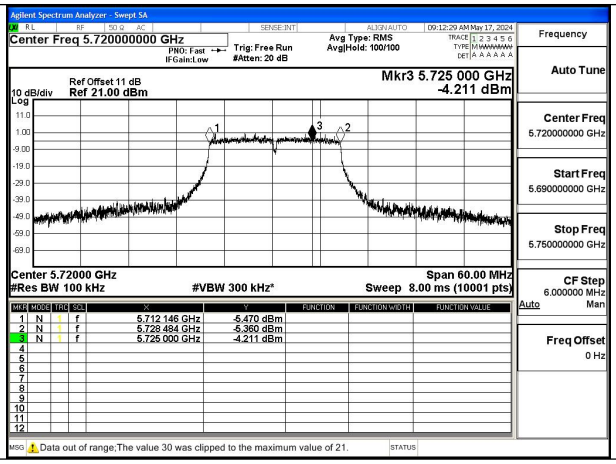
6dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII2C	802.11n HT40	Chain0	32.86
NII2C	802.11n HT40	Chain1	32.84
NII2C	802.11ac VHT40	Chain0	32.84
NII2C	802.11ac VHT40	Chain1	32.84
NII2C	802.11ax HE40	Chain0	33.73
NII2C	802.11ax HE40	Chain1	33.66

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

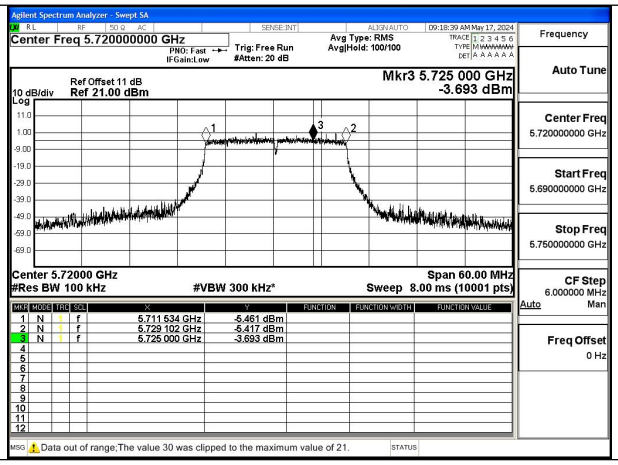


Mode:802.11a Frequency:5720MHz Ant:Chain0
scope:NII2C

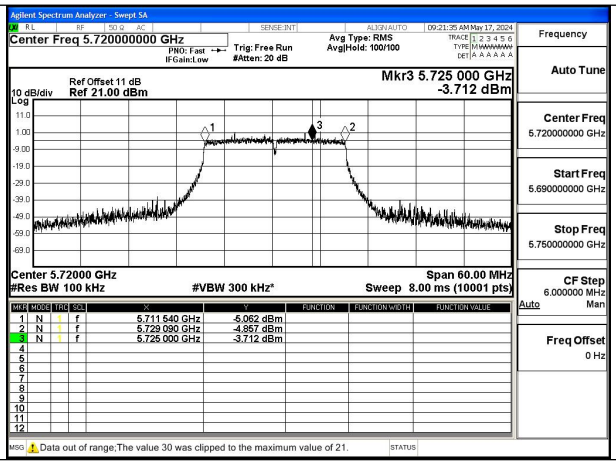


Mode:802.11a Frequency:5720MHz Ant:Chain1
scope:NII2C

Test Mode: 802.11n HT20

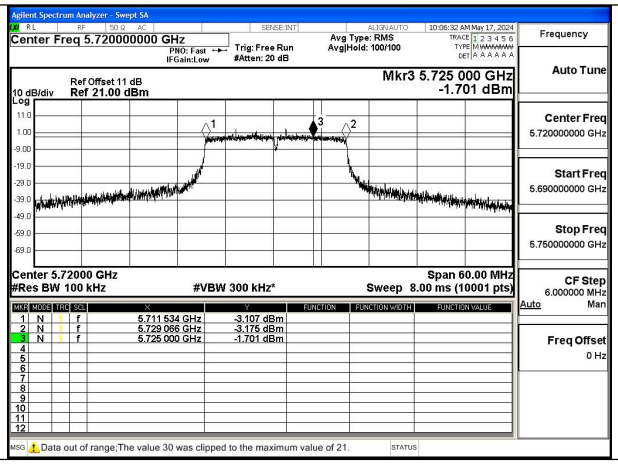


Mode:802.11n HT20 Frequency:5720MHz Ant:Chain0
scope:NII2C

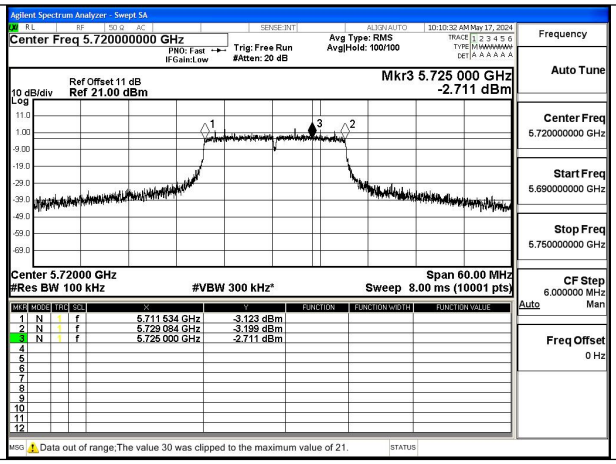


Mode:802.11n HT20 Frequency:5720MHz Ant:Chain1
scope:NII2C

Test Mode: 802.11ac VHT20

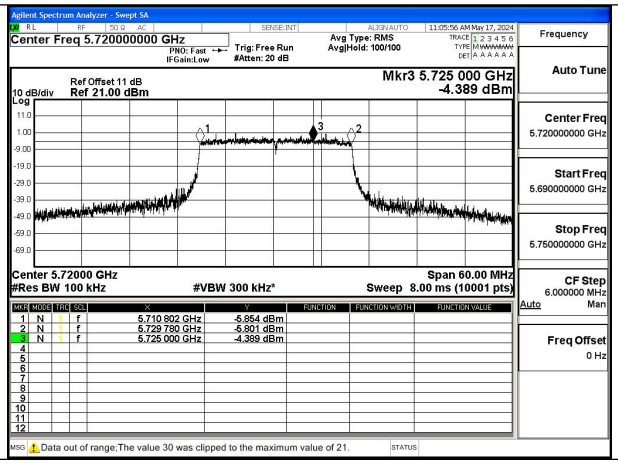


Mode:802.11ac VHT20 Frequency:5720MHz Ant:Chain0
scope:NII2C

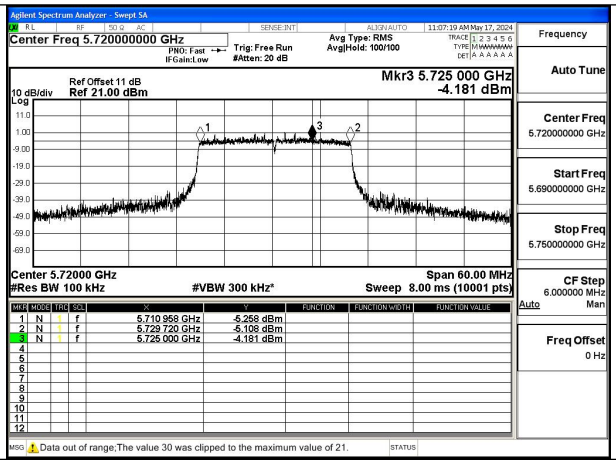


Mode:802.11ac VHT20 Frequency:5720MHz Ant:Chain1
scope:NII2C

Test Mode: 802.11ax HE20

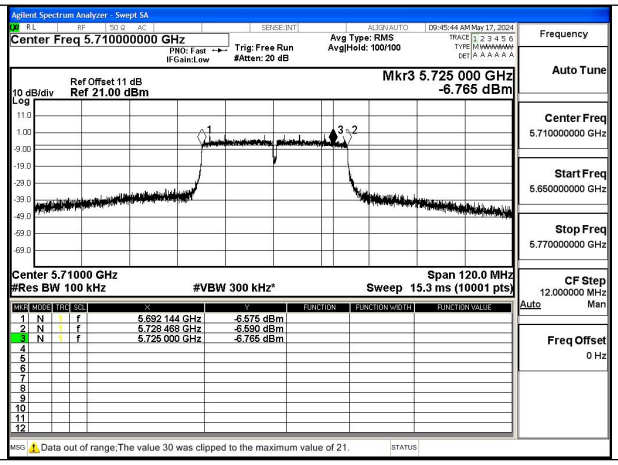


Mode:802.11ax HE20 Frequency:5720MHz Ant:Chain0
scope:NII2C

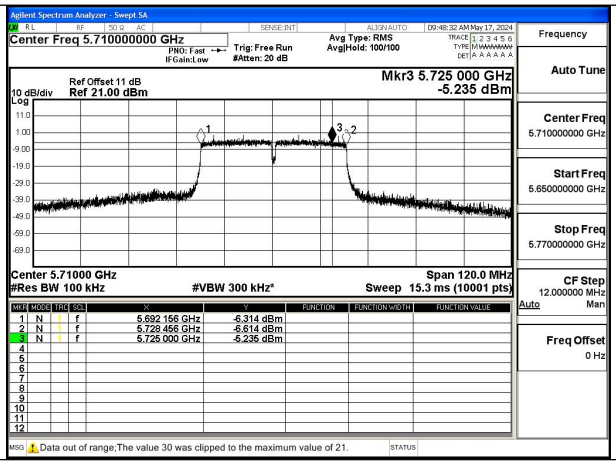


Mode:802.11ax HE20 Frequency:5720MHz Ant:Chain1
scope:NII2C

Test Mode: 802.11n HT40

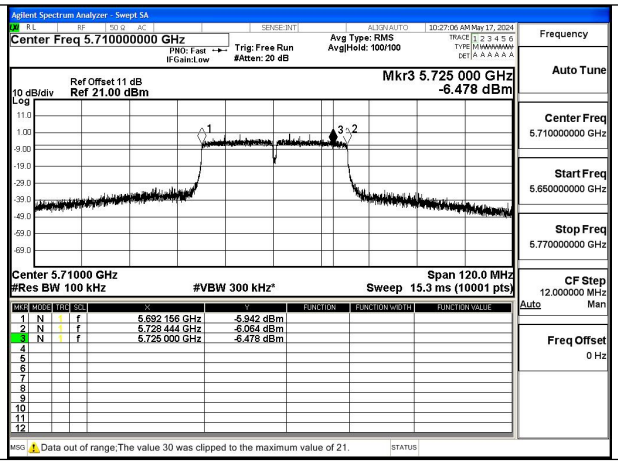


Mode:802.11n HT40 Frequency:5710MHz Ant:Chain0 scope:NII2C

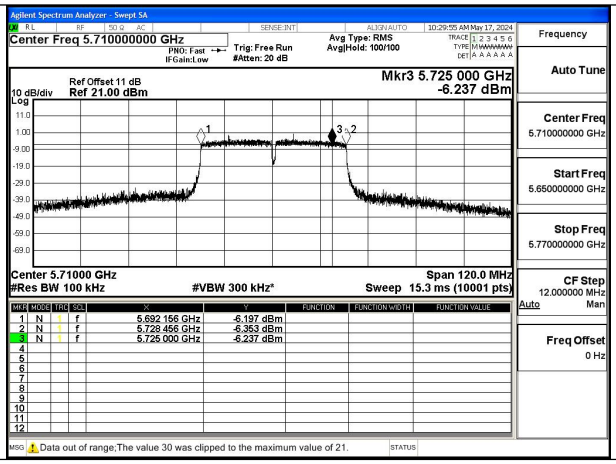


Mode:802.11n HT40 Frequency:5710MHz Ant:Chain1 scope:NII2C

Test Mode: 802.11ac VHT40

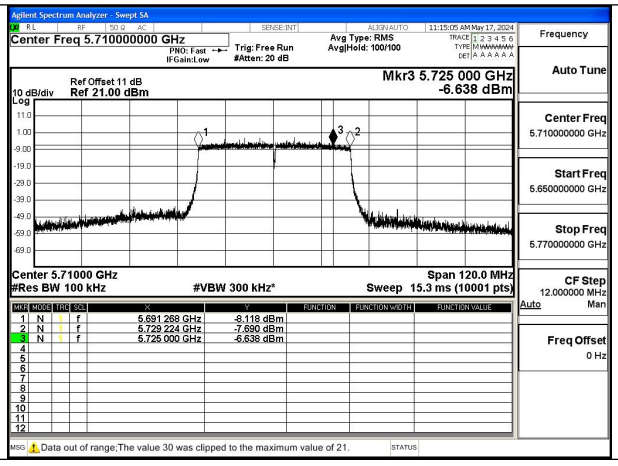


Mode:802.11ac VHT40 Frequency:5710MHz Ant:Chain0 scope:NII2C

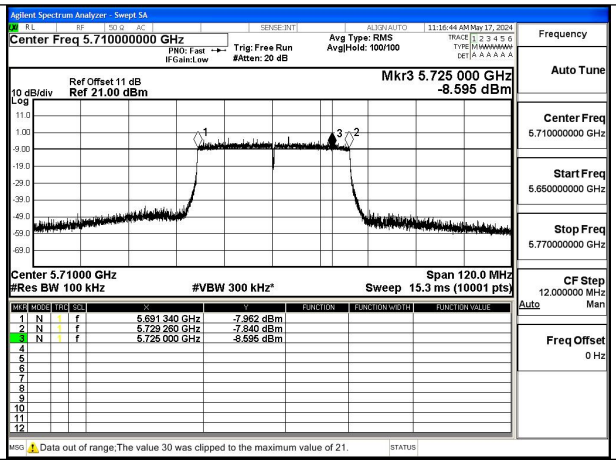


Mode:802.11ac VHT40 Frequency:5710MHz Ant:Chain1 scope:NII2C

Test Mode: 802.11ax HE40

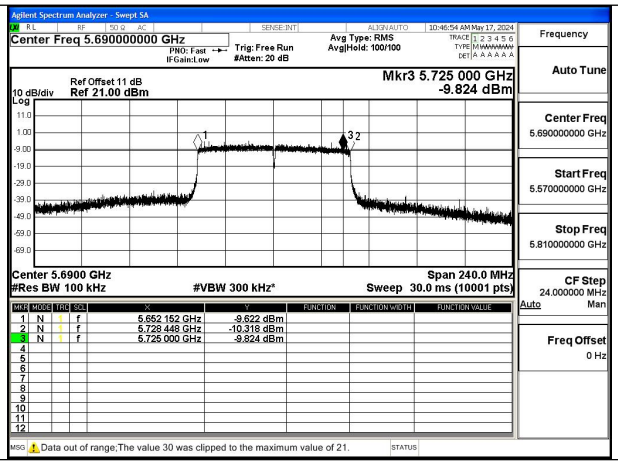


Mode:802.11ax HE40 Frequency:5710MHz Ant:Chain0 scope:NII2C

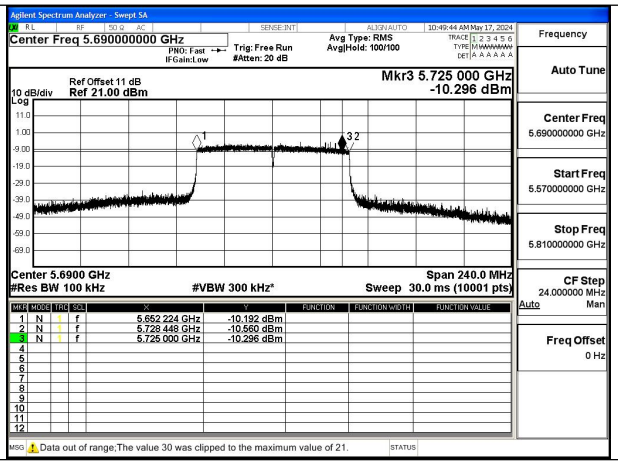


Mode:802.11ax HE40 Frequency:5710MHz Ant:Chain1 scope:NII2C

Test Mode: 802.11ac VHT80

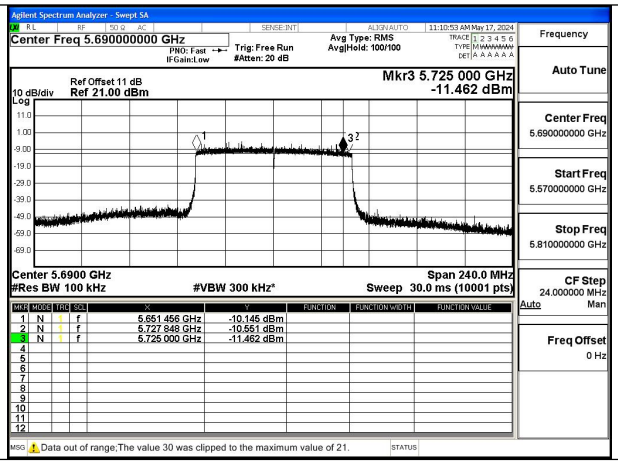


Mode:802.11ac VHT80 Frequency:5690MHz Ant:Chain0 scope:NII2C

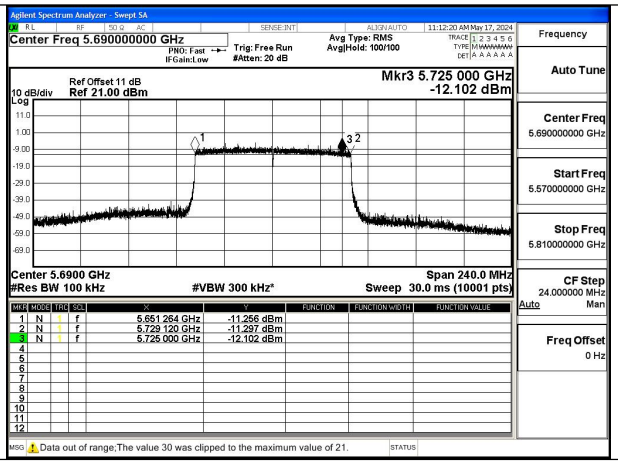


Mode:802.11ac VHT80 Frequency:5690MHz Ant:Chain1 scope:NII2C

Test Mode: 802.11ax HE80



Mode:802.11ax HE80 Frequency:5690MHz Ant:Chain0 scope:NII2C



Mode:802.11ax HE80 Frequency:5690MHz Ant:Chain1 scope:NII2C

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 10log(500kHz/RBW) to the measured result.