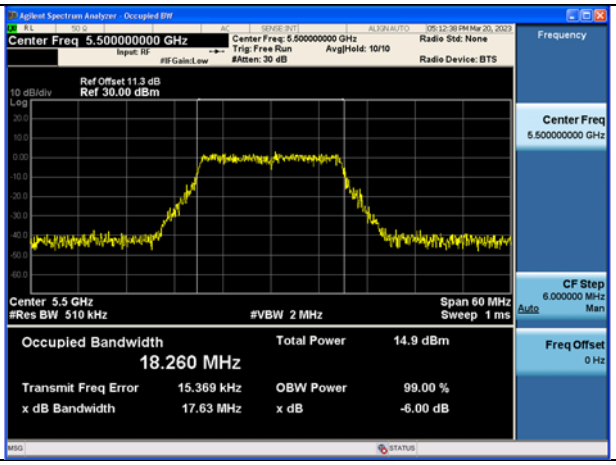
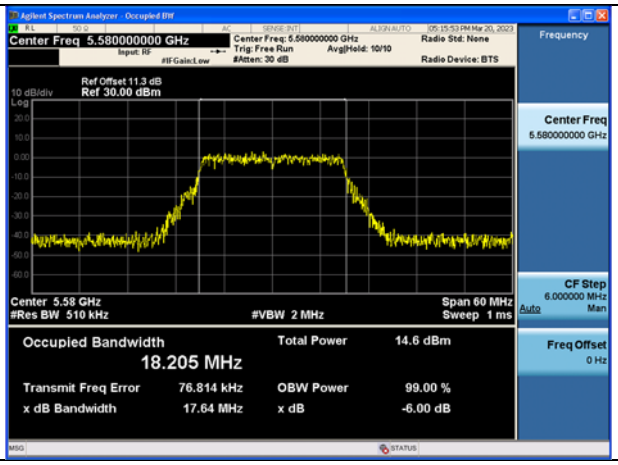
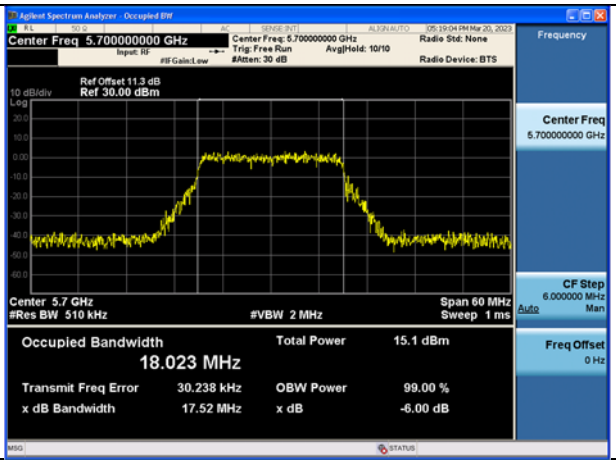
Test Mode: 802.11ac VHT20



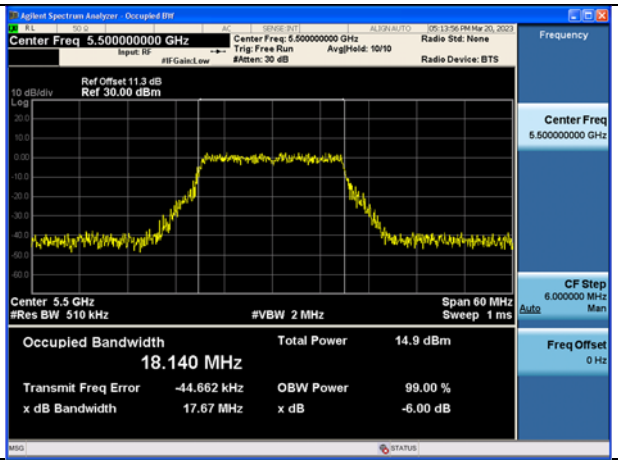
Test Mode:802.11ac VHT20 5500MHz Chain0



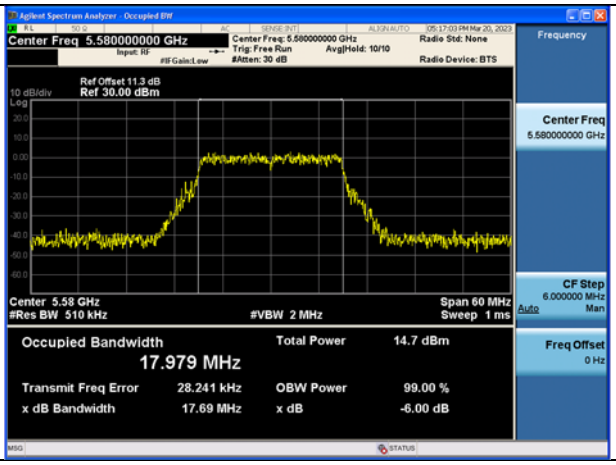
Test Mode:802.11ac VHT20 5580MHz Chain0



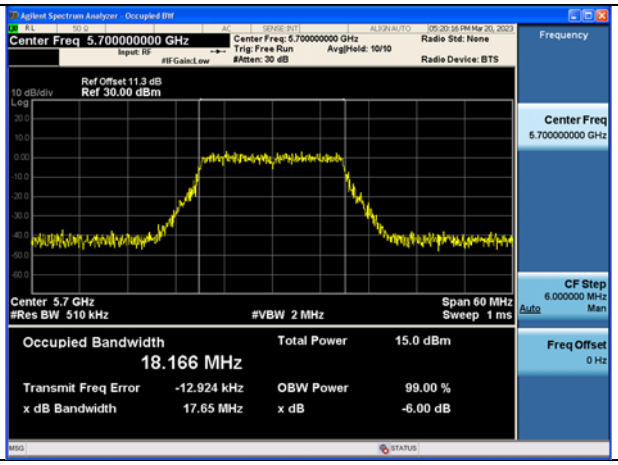
Test Mode:802.11ac VHT20 5700MHz Chain0



Test Mode:802.11ac VHT20 5500MHz Chain1

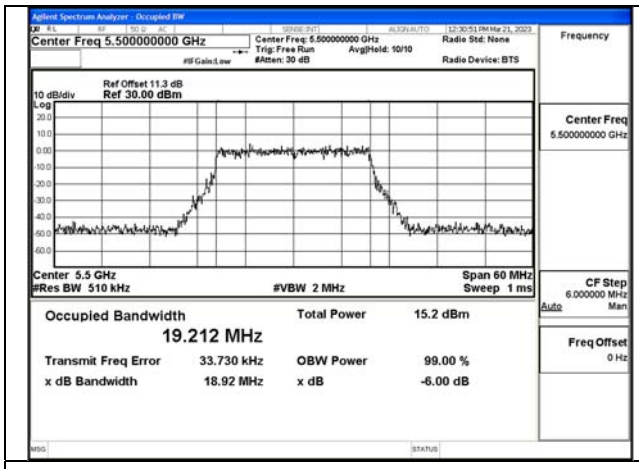


Test Mode:802.11ac VHT20 5580MHz Chain1

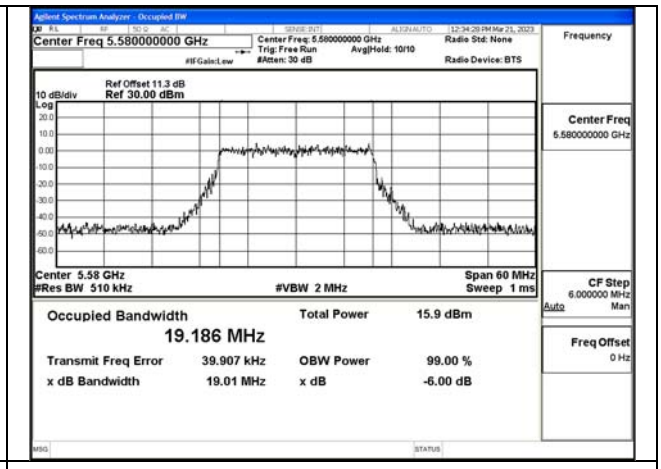


Test Mode:802.11ac VHT20 5700MHz Chain1

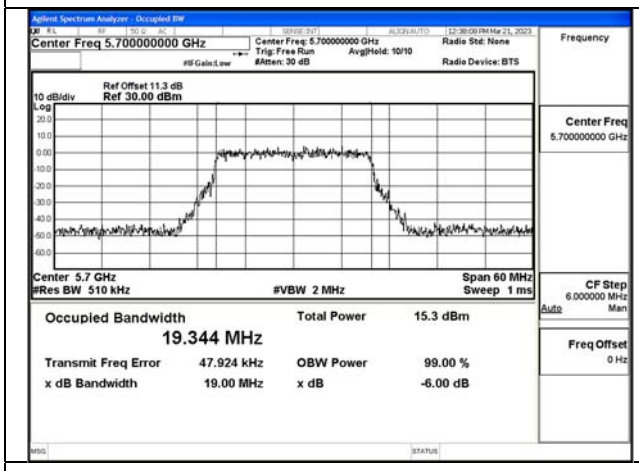
Test Mode: 802.11ax HE20



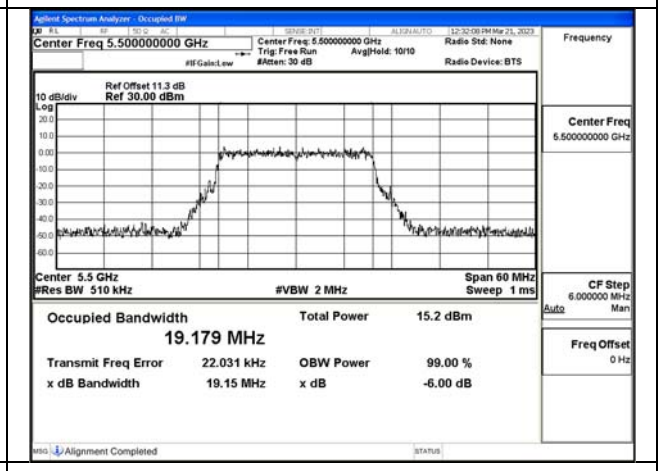
Test Mode:802.11ax HE20 5500MHz Chain0



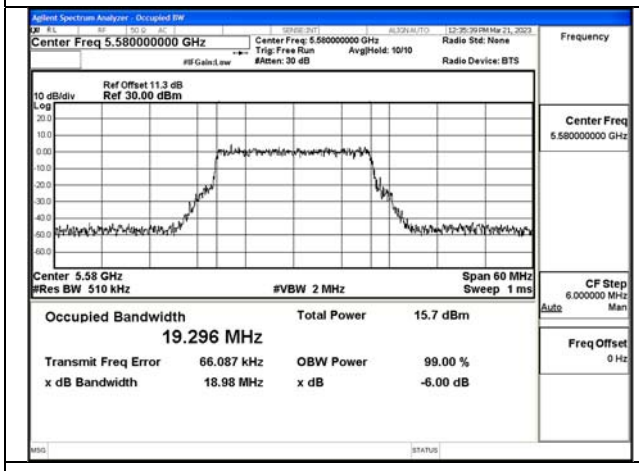
Test Mode:802.11ax HE20 5580MHz Chain0



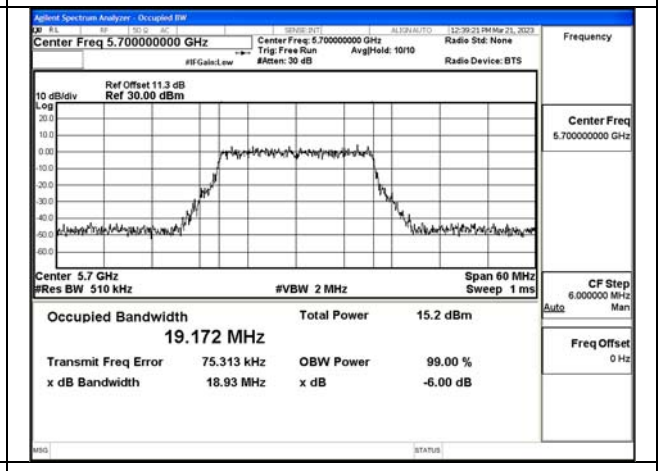
Test Mode:802.11ax HE20 5700MHz Chain0



Test Mode:802.11ax HE20 5500MHz Chain1

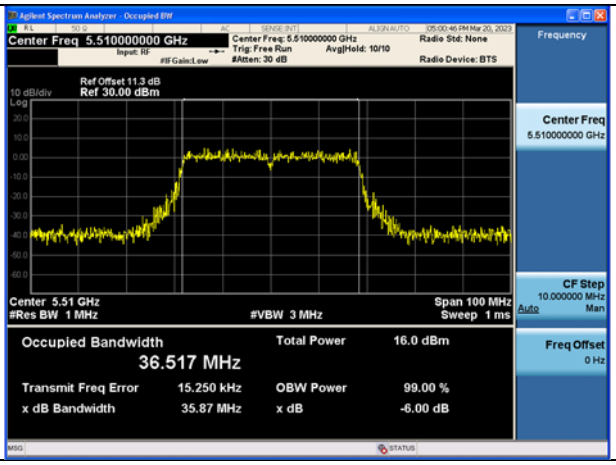


Test Mode:802.11ax HE20 5580MHz Chain1

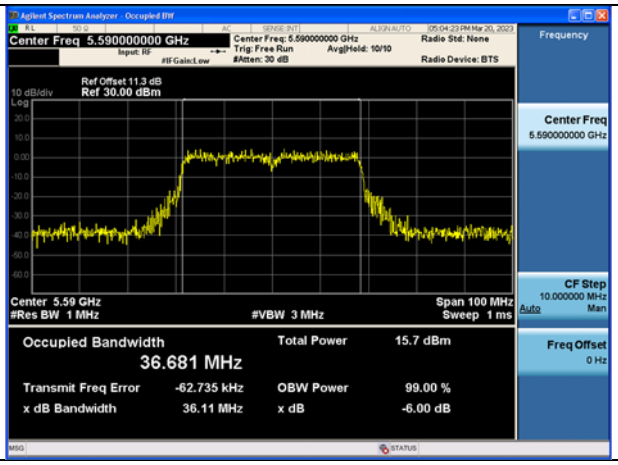


Test Mode:802.11ax HE20 5700MHz Chain1

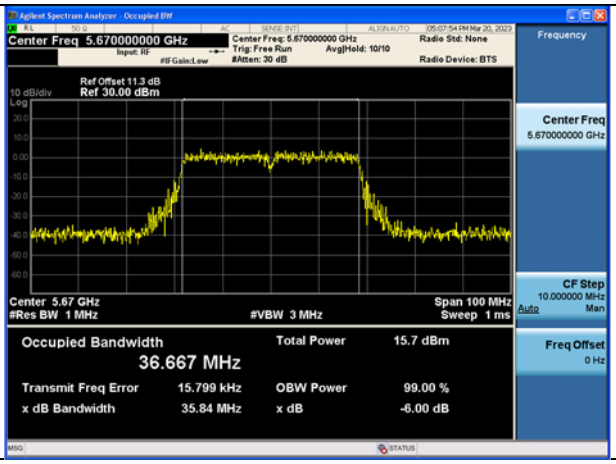
Test Mode: 802.11n HT40



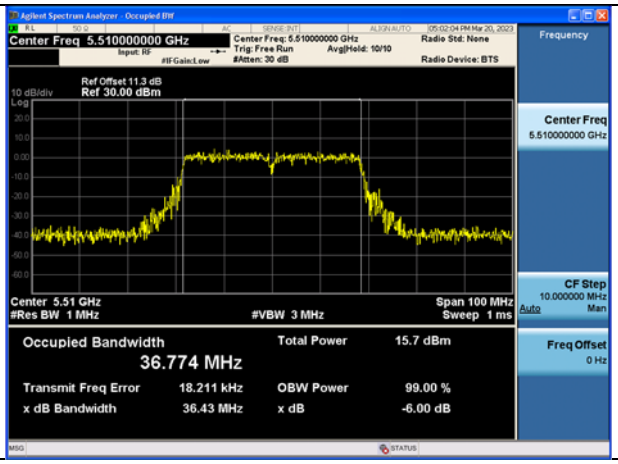
Test Mode:802.11n HT40 5510MHz Chain0



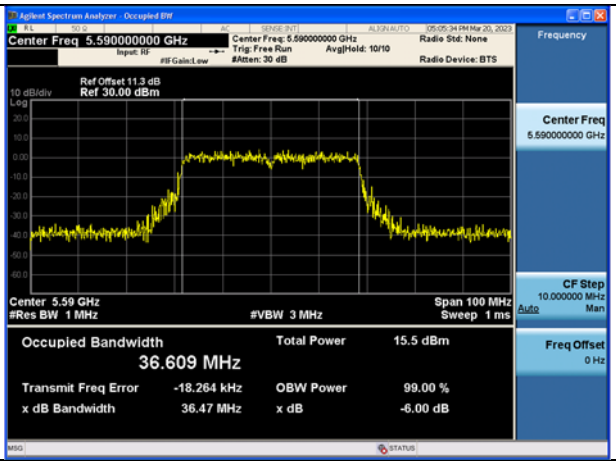
Test Mode:802.11n HT40 5590MHz Chain0



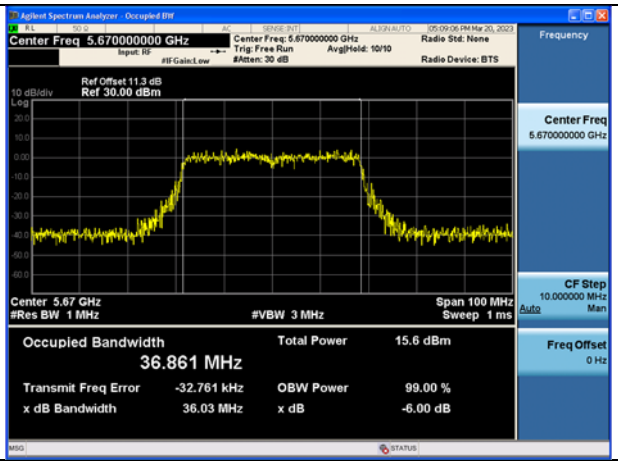
Test Mode:802.11n HT40 5670MHz Chain0



Test Mode:802.11n HT40 5510MHz Chain1

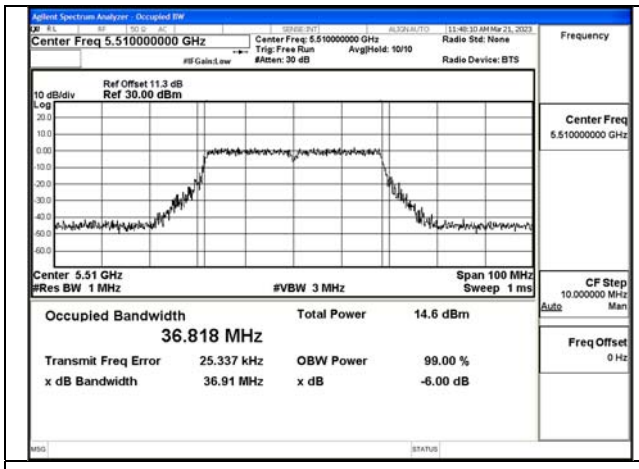


Test Mode:802.11n HT40 5590MHz Chain1

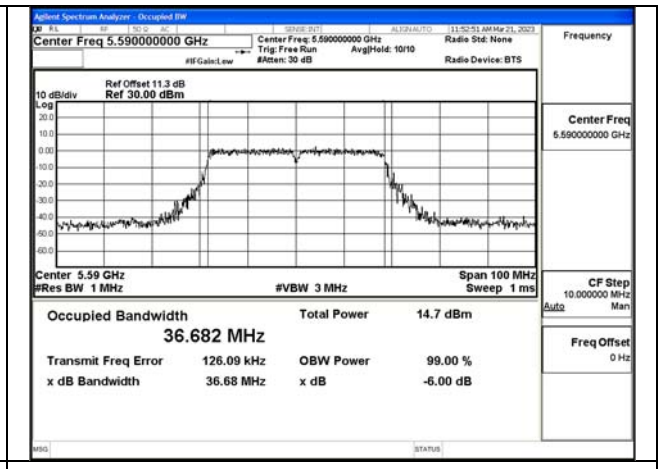


Test Mode:802.11n HT40 5670MHz Chain1

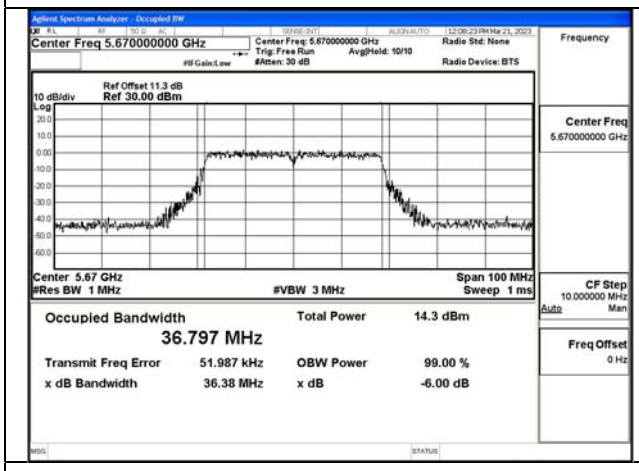
Test Mode: 802.11ac VHT40



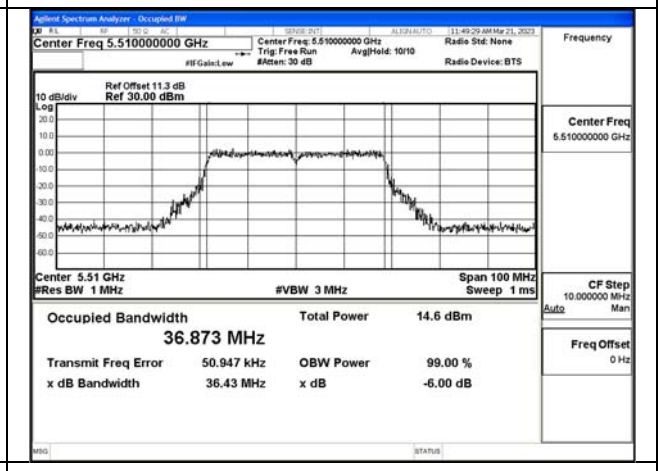
Test Mode:802.11ac VHT40 5510MHz Chain0



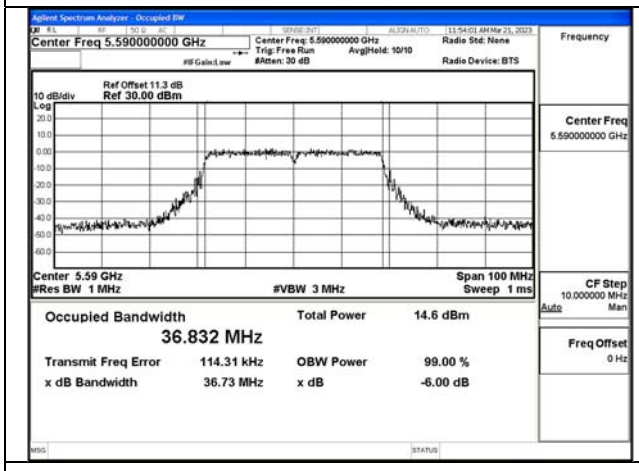
Test Mode:802.11ac VHT40 5590MHz Chain0



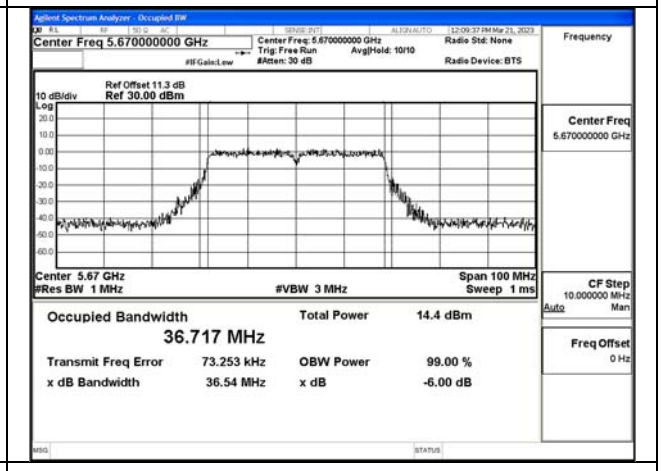
Test Mode:802.11ac VHT40 5670MHz Chain0



Test Mode:802.11ac VHT40 5510MHz Chain1

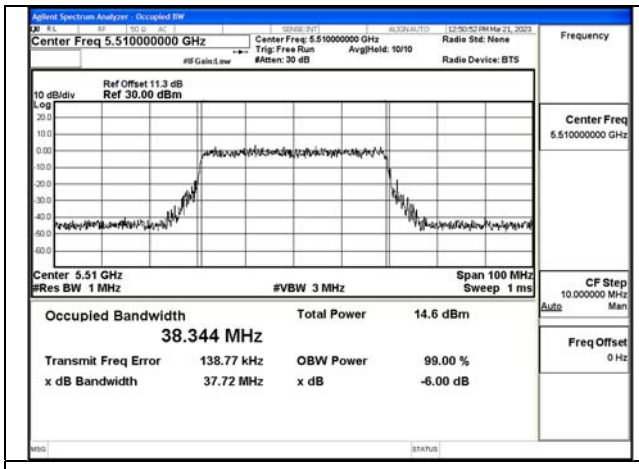


Test Mode:802.11ac VHT40 5590MHz Chain1

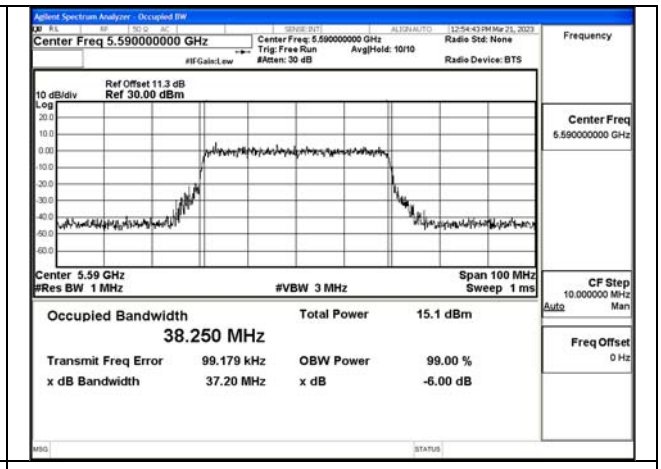


Test Mode:802.11ac VHT40 5670MHz Chain1

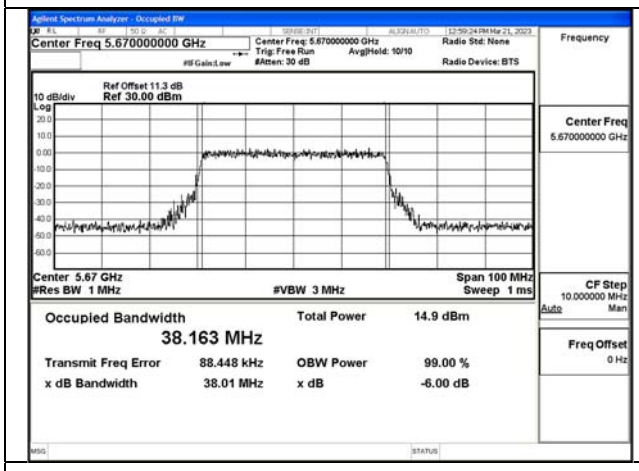
Test Mode: 802.11ax HE40



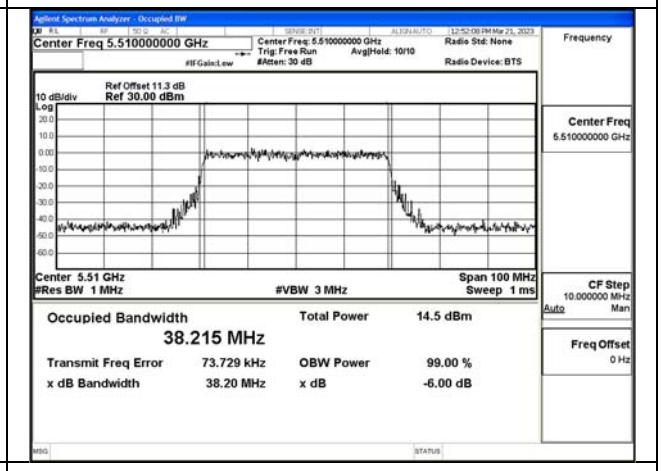
Test Mode:802.11ax HE40 5510MHz Chain0



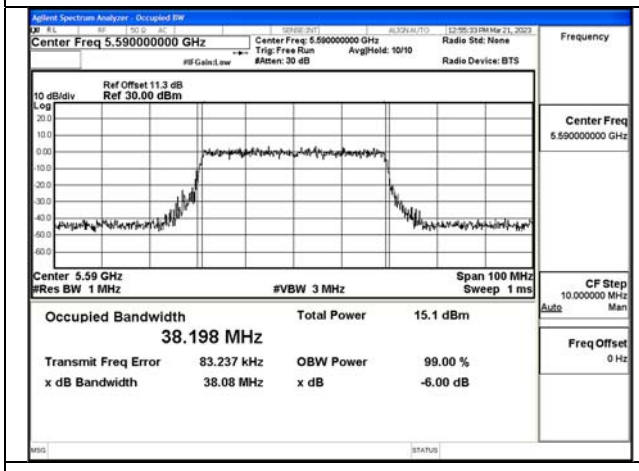
Test Mode:802.11ax HE40 5590MHz Chain0



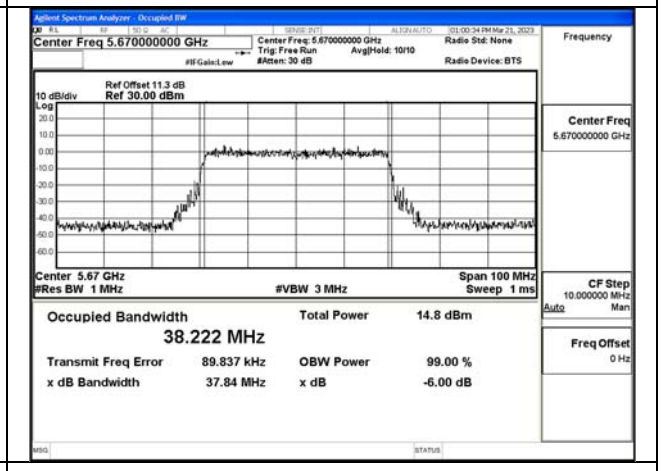
Test Mode:802.11ax HE40 5670MHz Chain0



Test Mode:802.11ax HE40 5510MHz Chain1

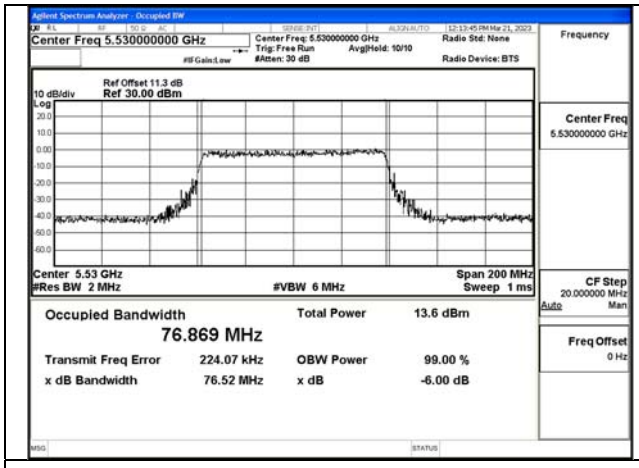


Test Mode:802.11ax HE40 5590MHz Chain1

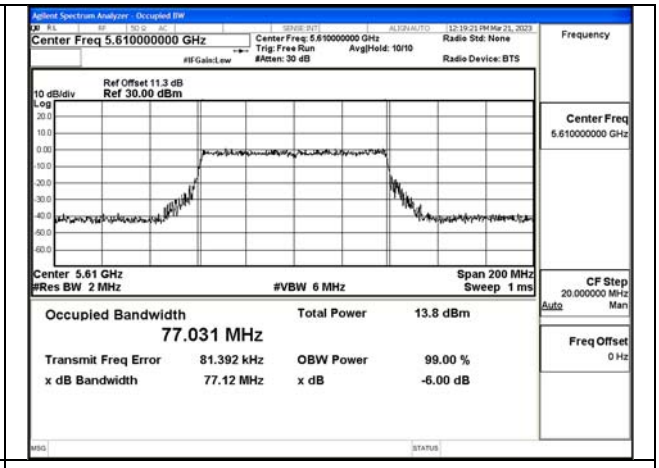


Test Mode:802.11ax HE40 5670MHz Chain1

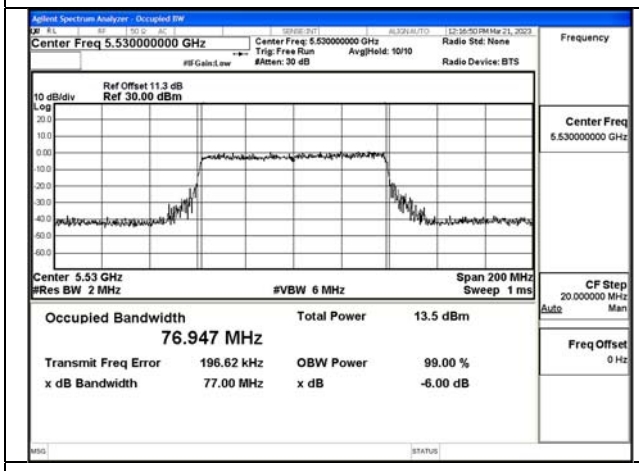
Test Mode: 802.11ac VHT80



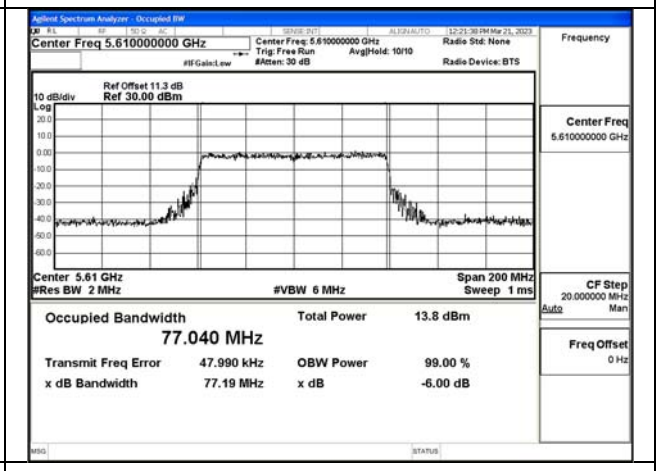
Test Mode:802.11ac VHT80 5530MHz Chain0



Test Mode:802.11ac VHT80 5610MHz Chain0

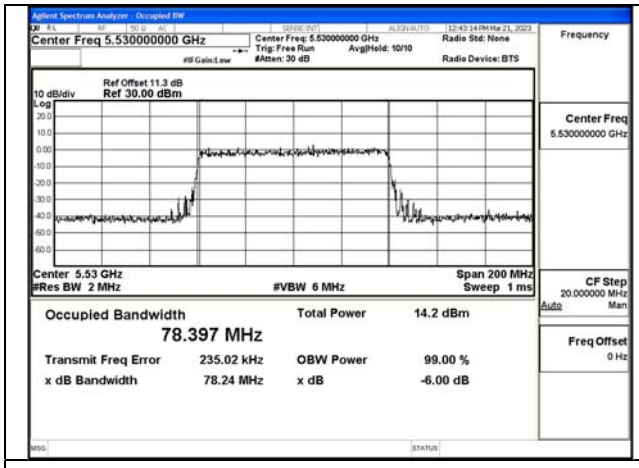


Test Mode:802.11ac VHT80 5530MHz Chain1

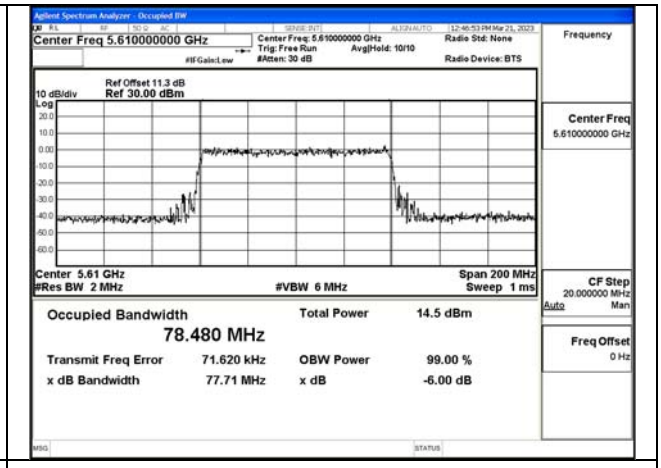


Test Mode:802.11ac VHT80 5610MHz Chain1

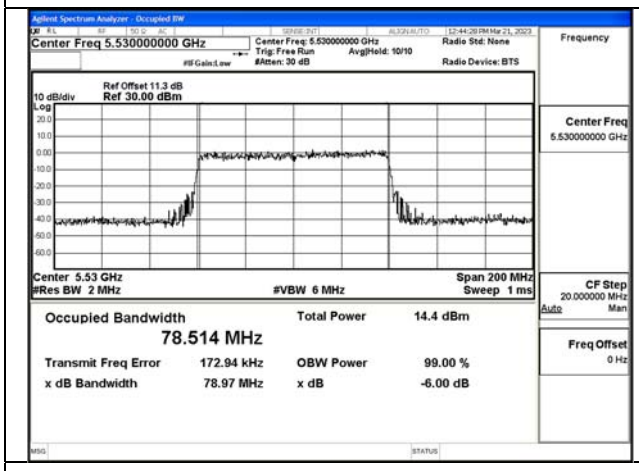
Test Mode: 802.11ax HE80



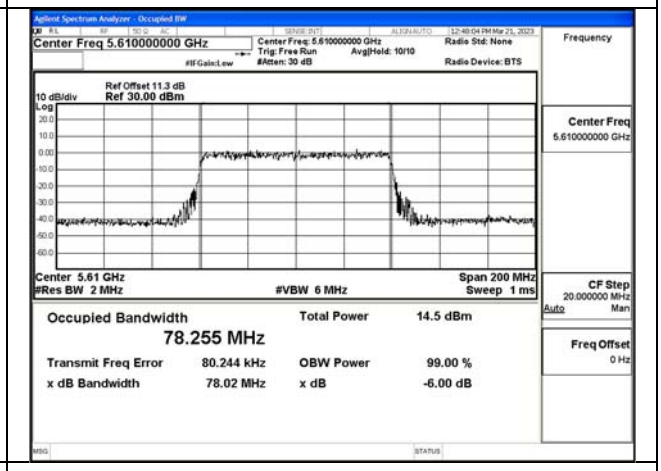
Test Mode:802.11ax HE80 5530MHz Chain0



Test Mode:802.11ax HE80 5610MHz Chain0

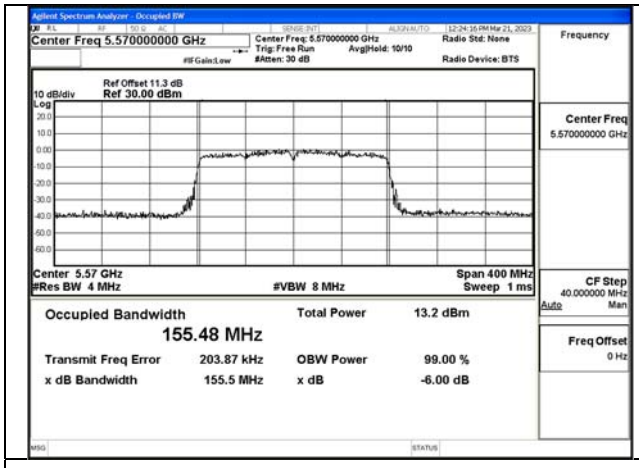


Test Mode:802.11ax HE80 5530MHz Chain1

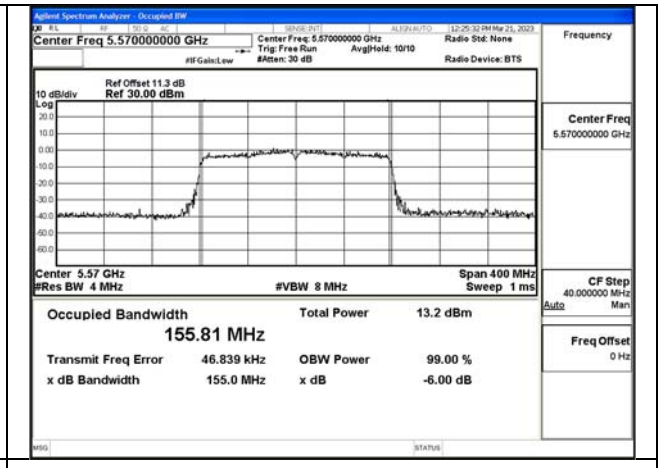


Test Mode:802.11ax HE80 5610MHz Chain1

Test Mode: 802.11ac VHT160

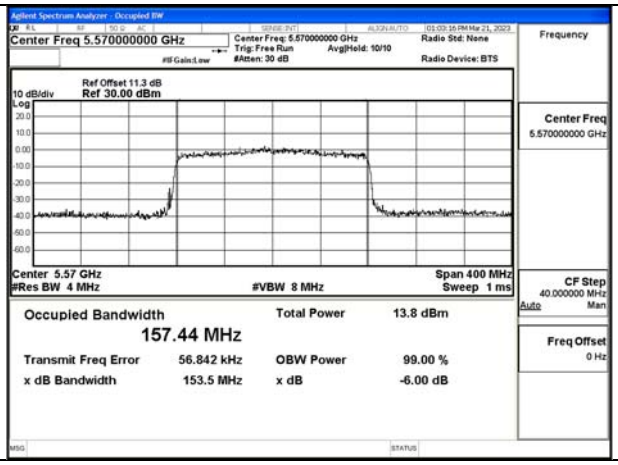
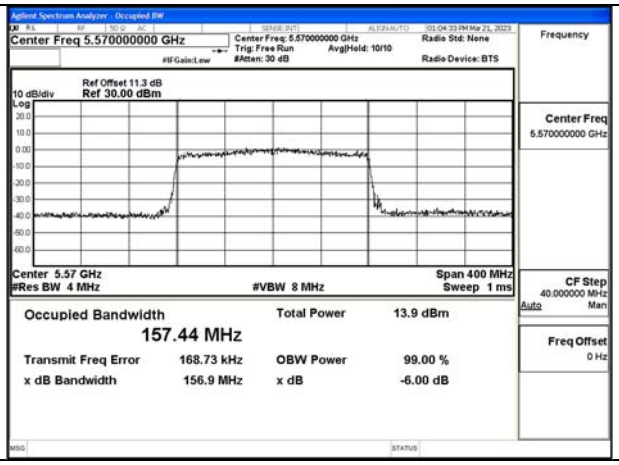


Test Mode:802.11ac VHT160 5570MHz Chain0



Test Mode:802.11ac VHT160 5570MHz Chain1

Test Mode: 802.11ax HE160

	
Test Mode:802.11ax HE160 5570MHz Chain0	Test Mode:802.11ax HE160 5570MHz Chain1

Transmitter Power Spectral Density

Offset 11.3dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Tones	5500MHz		5580MHz		5700MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11a	Chain0	NA	0	-0.627	---	-0.323	---	-0.181
802.11a	Chain1	NA	0	-0.657	---	-0.382	---	-0.214
802.11n HT20	Chain0	NA	0	-0.925	---	-0.627	---	-0.465
802.11n HT20	Chain1	NA	0	-0.914	---	-0.608	---	-0.470
802.11n HT20	MIMO	NA	0	2.091	---	2.393	---	2.543
802.11ac VHT20	Chain0	NA	0	-0.896	---	-1.239	---	-0.940
802.11ac VHT20	Chain1	NA	0	-0.910	---	-1.258	---	-0.937
802.11ac VHT20	MIMO	NA	0	2.107	---	1.762	---	2.072
802.11ax HE20	Chain0	26T	0	4.203	---	4.180	---	4.126
802.11ax HE20	Chain1	26T	0	4.163	---	4.287	---	4.079
802.11ax HE20	MIMO	26T	0	7.193	---	7.244	---	7.113
802.11ax HE20	Chain0	52T	0	1.047	---	1.281	---	1.092
802.11ax HE20	Chain1	52T	0	1.105	---	1.276	---	1.138
802.11ax HE20	MIMO	52T	0	4.086	---	4.289	---	4.125
802.11ax HE20	Chain0	106T	0	-1.878	---	-1.787	---	-1.872
802.11ax HE20	Chain1	106T	0	-1.849	---	-1.761	---	-1.960
802.11ax HE20	MIMO	106T	0	1.147	---	1.236	---	1.095
802.11ax HE20	Chain0	242T	0	-1.088	---	-0.415	---	-0.983
802.11ax HE20	Chain1	242T	0	-1.095	---	-0.398	---	-0.978
802.11ax HE20	MIMO	242T	0	1.919	---	2.604	---	2.030

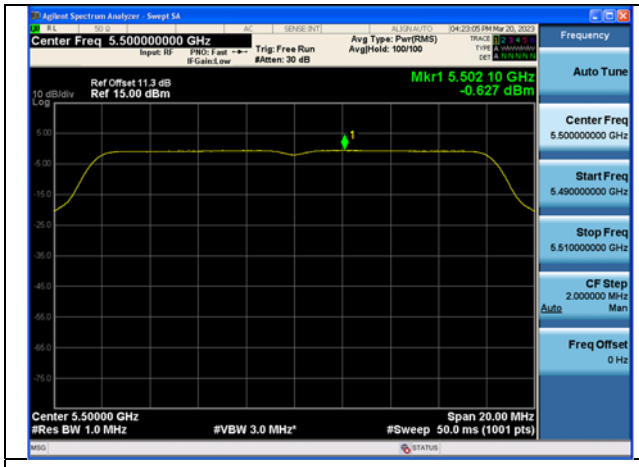
Test Mode	Antenna	Tones	5510MHz		5590MHz		5670MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11n HT40	Chain0	NA	0	-3.647	---	-3.631	---	-3.679
802.11n HT40	Chain1	NA	0	-3.704	---	-3.639	---	-3.660
802.11n HT40	MIMO	NA	0	-0.665	---	-0.625	---	-0.659
802.11ac VHT40	Chain0	NA	0	-3.450	---	-3.290	---	-3.486
802.11ac VHT40	Chain1	NA	0	-3.477	---	-3.287	---	-3.505
802.11ac VHT40	MIMO	NA	0	-0.453	---	-0.278	---	-0.485
802.11ax HE40	Chain0	26T	0	4.828	---	4.843	---	4.771
802.11ax HE40	Chain1	26T	0	4.825	---	4.824	---	4.806
802.11ax HE40	MIMO	26T	0	7.837	---	7.844	---	7.799
802.11ax HE40	Chain0	52T	0	1.730	---	1.713	---	1.809
802.11ax HE40	Chain1	52T	0	1.702	---	1.723	---	1.899
802.11ax HE40	MIMO	52T	0	4.726	---	4.728	---	4.865
802.11ax HE40	Chain0	106T	0	-1.249	---	-1.179	---	-1.098
802.11ax HE40	Chain1	106T	0	-1.252	---	-1.188	---	-1.144
802.11ax HE40	MIMO	106T	0	1.760	---	1.827	---	1.889
802.11ax HE40	Chain0	242T	0	-5.040	---	-4.906	---	-4.846
802.11ax HE40	Chain1	242T	0	-4.945	---	-4.897	---	-4.811
802.11ax HE40	MIMO	242T	0	-1.982	---	-1.891	---	-1.818
802.11ax HE40	Chain0	484T	0	-4.281	---	-3.509	---	-3.804
802.11ax HE40	Chain1	484T	0	-4.277	---	-3.506	---	-3.809
802.11ax HE40	MIMO	484T	0	-1.269	---	-0.497	---	-0.796

Test Mode	Antenna	Tones	5530MHz		---		5610MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11ac VHT80	Chain0	NA	0	-6.096	---	---	---	-6.363
802.11ac VHT80	Chain1	NA	0	-6.099	---	---	---	-6.355
802.11ac VHT80	MIMO	NA	0	-3.087	---	---	---	-3.349
802.11ax HE80	Chain0	26T	0	4.131	---	---	---	4.513
802.11ax HE80	Chain1	26T	0	4.261	---	---	---	4.426
802.11ax HE80	MIMO	26T	0	7.207	---	---	---	7.480
802.11ax HE80	Chain0	52T	0	1.606	---	---	---	1.728
802.11ax HE80	Chain1	52T	0	1.552	---	---	---	1.632
802.11ax HE80	MIMO	52T	0	4.589	---	---	---	4.691
802.11ax HE80	Chain0	106T	0	-1.358	---	---	---	-1.141
802.11ax HE80	Chain1	106T	0	-1.312	---	---	---	-1.077
802.11ax HE80	MIMO	106T	0	1.675	---	---	---	1.901
802.11ax HE80	Chain0	242T	0	-5.012	---	---	---	-4.794
802.11ax HE80	Chain1	242T	0	-4.964	---	---	---	-4.777
802.11ax HE80	MIMO	242T	0	-1.978	---	---	---	-1.775
802.11ax HE80	Chain0	484T	0	-7.926	---	---	---	-7.630
802.11ax HE80	Chain1	484T	0	-7.889	---	---	---	-7.627
802.11ax HE80	MIMO	484T	0	-4.897	---	---	---	-4.618
802.11ax HE80	Chain0	996T	0	-5.963	---	---	---	-6.219
802.11ax HE80	Chain1	996T	0	-5.922	---	---	---	-6.191
802.11ax HE80	MIMO	996T	0	-2.932	---	---	---	-3.195

Test Mode	Antenna	Tones	5570MHz		---		---	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11ac VHT160	Chain0	NA	0	-8.311	---	---	---	---
802.11ac VHT160	Chain1	NA	0	-8.345	---	---	---	---
802.11ac VHT160	MIMO	NA	0	-5.318	---	---	---	---

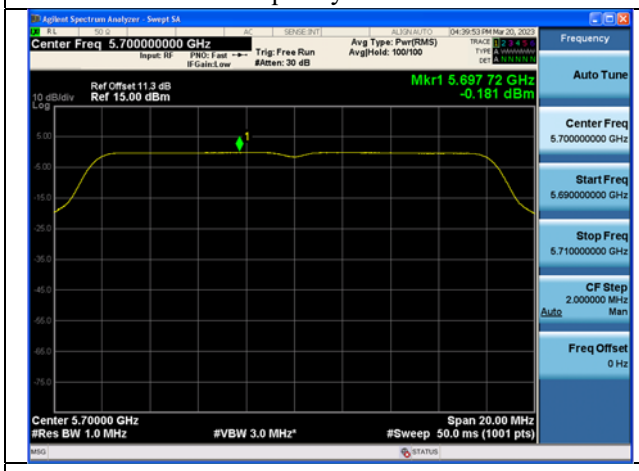
802.11ax HE160	Chain0	26T	0	4.654	---	---	---	---
802.11ax HE160	Chain1	26T	0	4.380	---	---	---	---
802.11ax HE160	MIMO	26T	0	7.529	---	---	---	---
802.11ax HE160	Chain0	52T	0	1.760	---	---	---	---
802.11ax HE160	Chain1	52T	0	1.598	---	---	---	---
802.11ax HE160	MIMO	52T	0	4.690	---	---	---	---
802.11ax HE160	Chain0	106T	0	-1.174	---	---	---	---
802.11ax HE160	Chain1	106T	0	-1.264	---	---	---	---
802.11ax HE160	MIMO	106T	0	1.792	---	---	---	---
802.11ax HE160	Chain0	242T	0	-4.898	---	---	---	---
802.11ax HE160	Chain1	242T	0	-4.894	---	---	---	---
802.11ax HE160	MIMO	242T	0	-1.886	---	---	---	---
802.11ax HE160	Chain0	484T	0	-7.834	---	---	---	---
802.11ax HE160	Chain1	484T	0	-7.748	---	---	---	---
802.11ax HE160	MIMO	484T	0	-4.780	---	---	---	---
802.11ax HE160	Chain0	996T	0	-10.229	---	---	---	---
802.11ax HE160	Chain1	996T	0	-10.240	---	---	---	---
802.11ax HE160	MIMO	996T	0	-7.224	---	---	---	---
802.11ax HE160	Chain0	1992T	0	-7.927	---	---	---	---
802.11ax HE160	Chain1	1992T	0	-7.907	---	---	---	---
802.11ax HE160	MIMO	1992T	0	-4.907	---	---	---	---

Test Mode: 802.11a



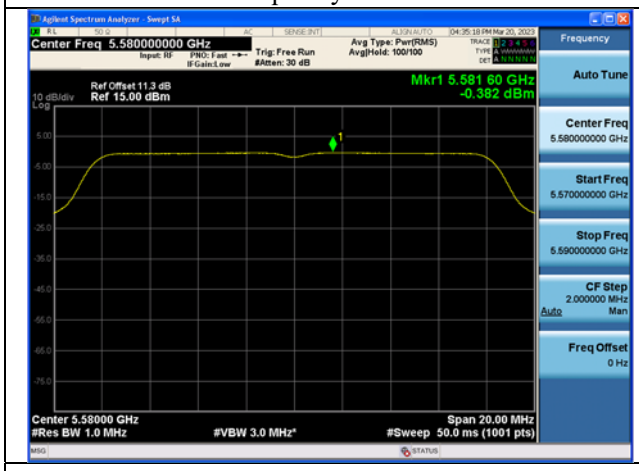
Mode:802.11a Frequency:5500MHz Ant:Chain0

Mode:802.11a Frequency:5580MHz Ant:Chain0

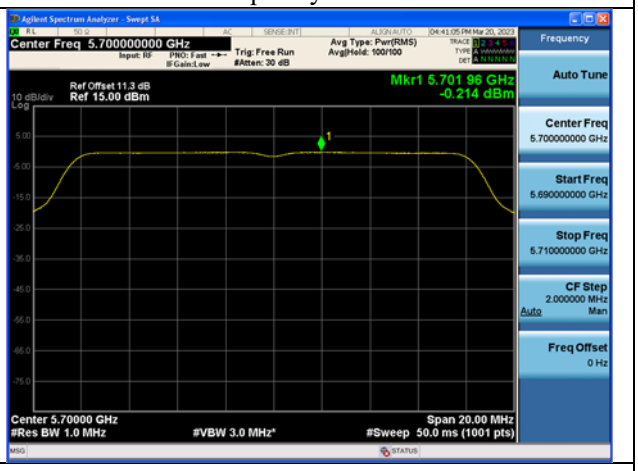


Mode:802.11a Frequency:5700MHz Ant:Chain0

Mode:802.11a Frequency:5500MHz Ant:Chain1

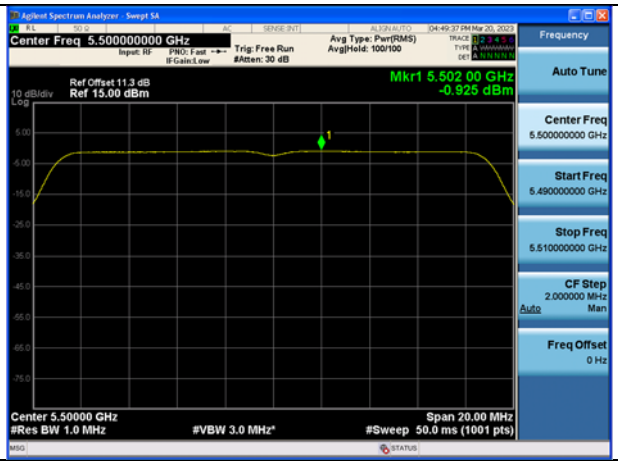


Mode:802.11a Frequency:5580MHz Ant:Chain1

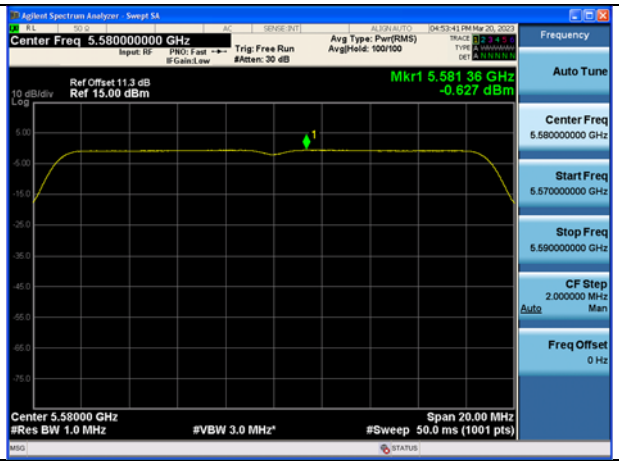


Mode:802.11a Frequency:5700MHz Ant:Chain1

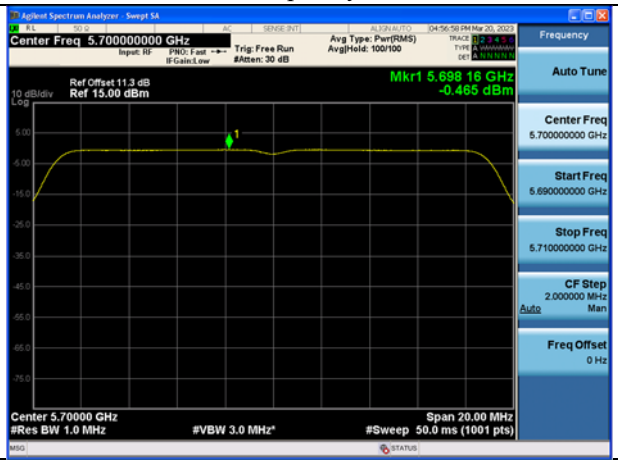
Test Mode: 802.11n HT20



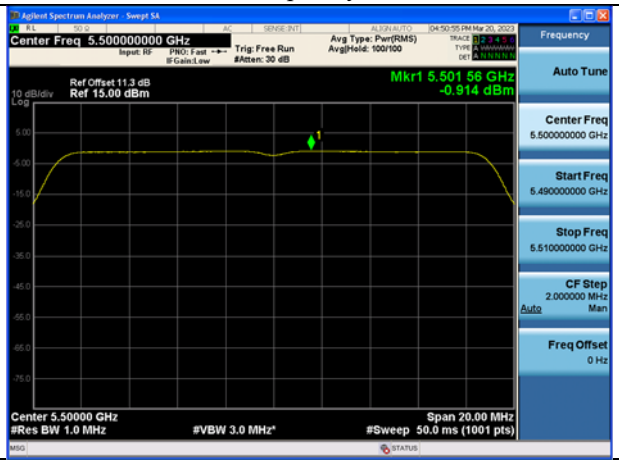
Mode:802.11n HT20 Frequency:5500MHz Ant:Chain0



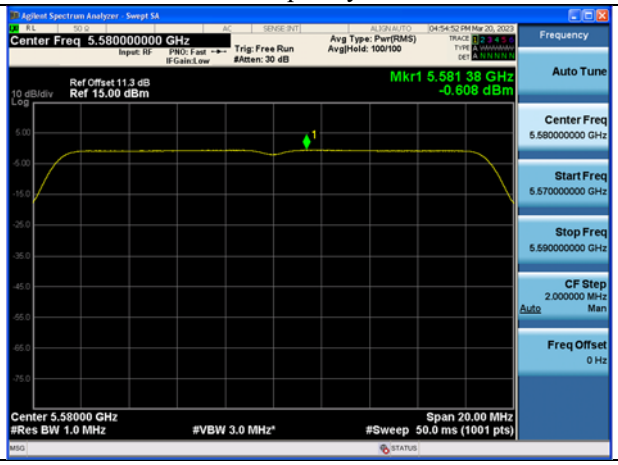
Mode:802.11n HT20 Frequency:5580MHz Ant:Chain0



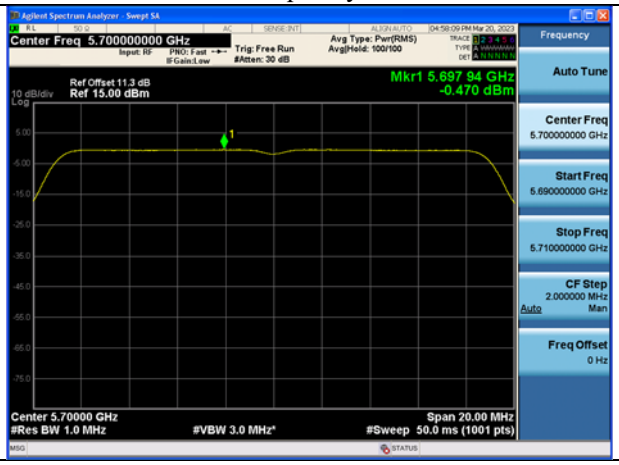
Mode:802.11n HT20 Frequency:5700MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5500MHz Ant:Chain1

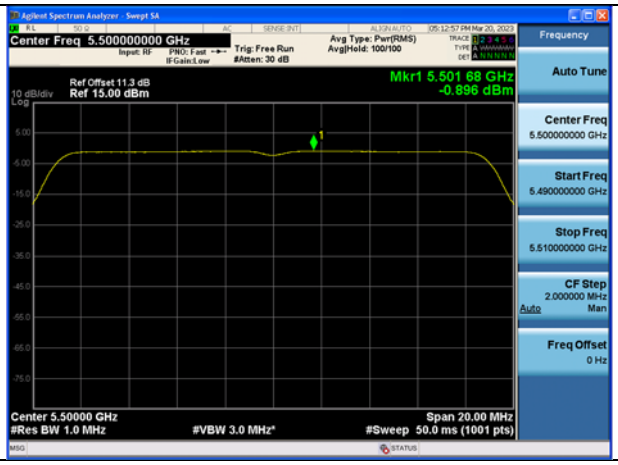


Mode:802.11n HT20 Frequency:5580MHz Ant:Chain1

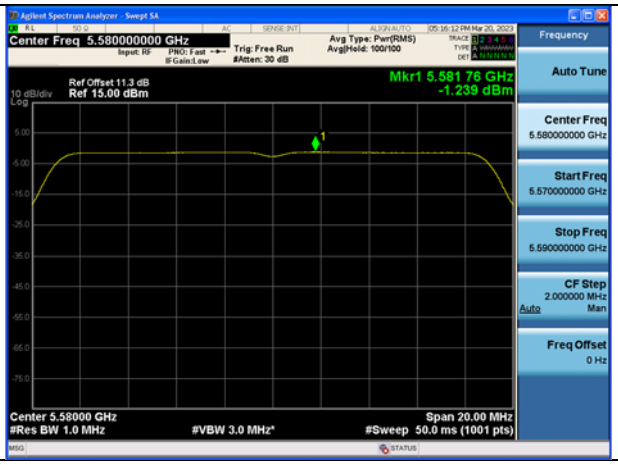


Mode:802.11n HT20 Frequency:5700MHz Ant:Chain1

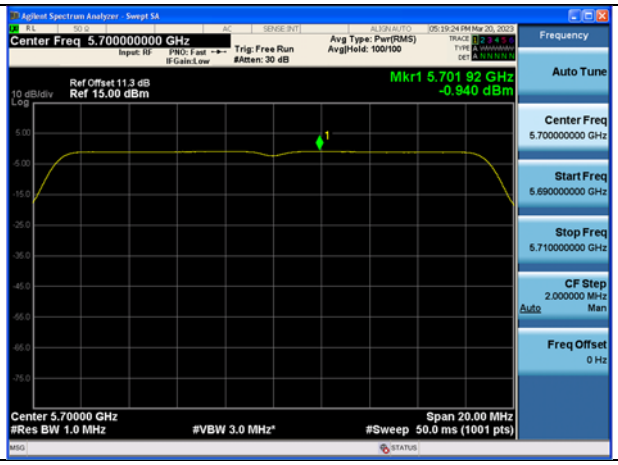
Test Mode: 802.11ac VHT20



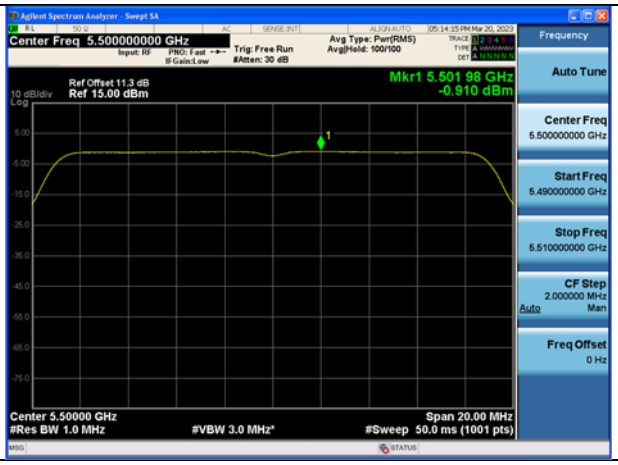
Mode:802.11ac VHT20 Frequency:5500MHz
Ant:Chain0



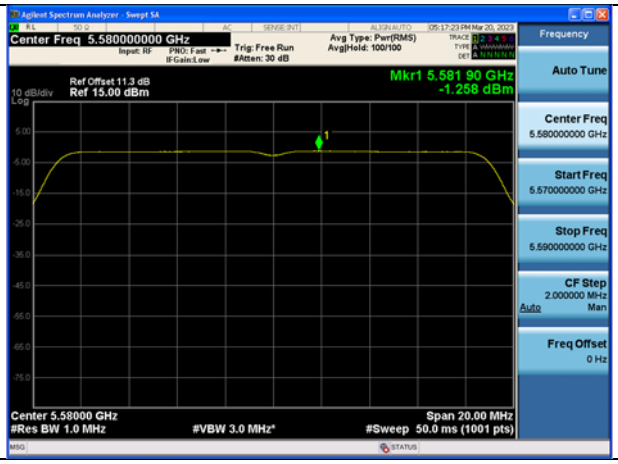
Mode:802.11ac VHT20 Frequency:5580MHz
Ant:Chain0



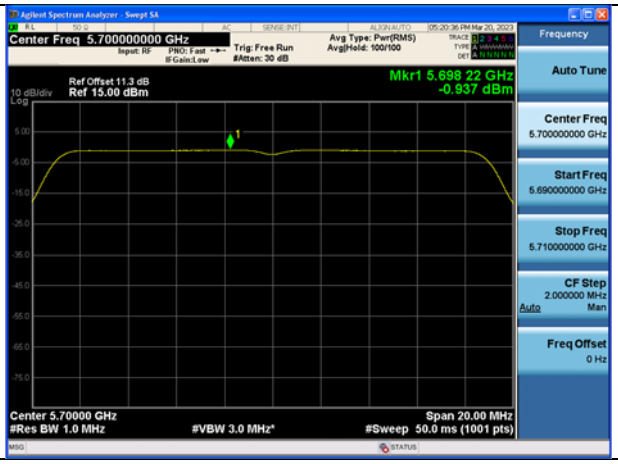
Mode:802.11ac VHT20 Frequency:5700MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5500MHz
Ant:Chain1

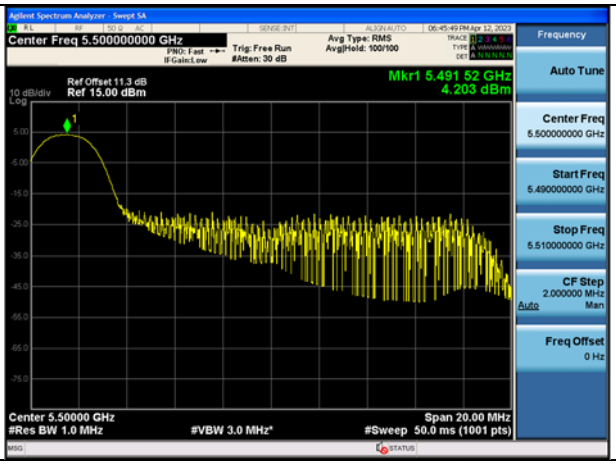


Mode:802.11ac VHT20 Frequency:5580MHz
Ant:Chain1

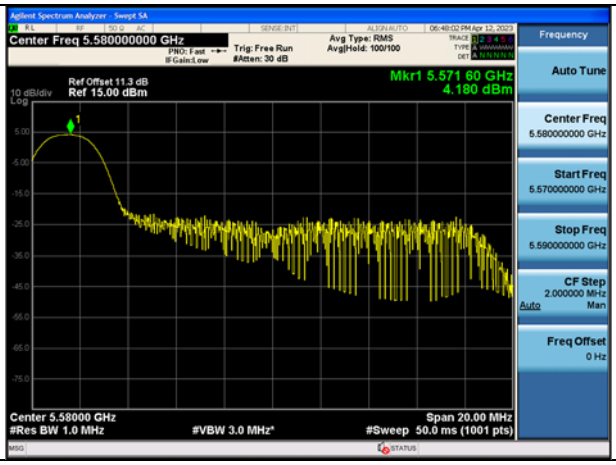


Mode:802.11ac VHT20 Frequency:5700MHz
Ant:Chain1

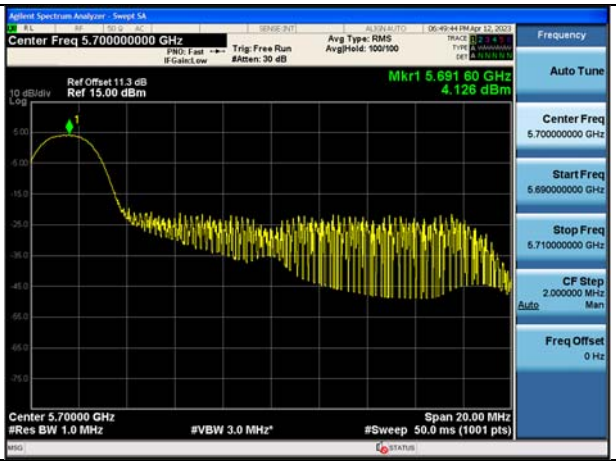
Test Mode: 802.11ax HE20



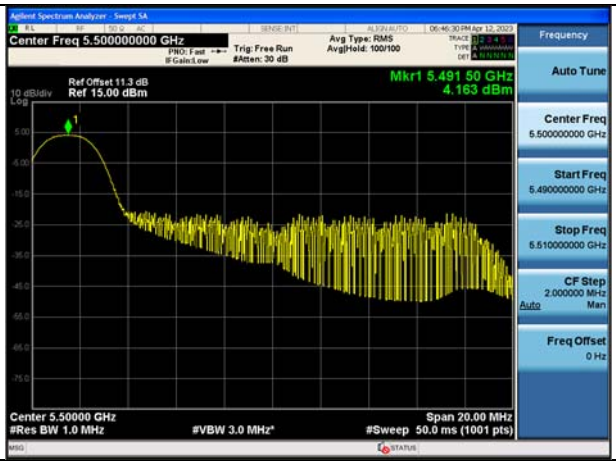
Mode:802.11ax HE20 Tone:26T Frequency:5500MHz
Ant:Chain0



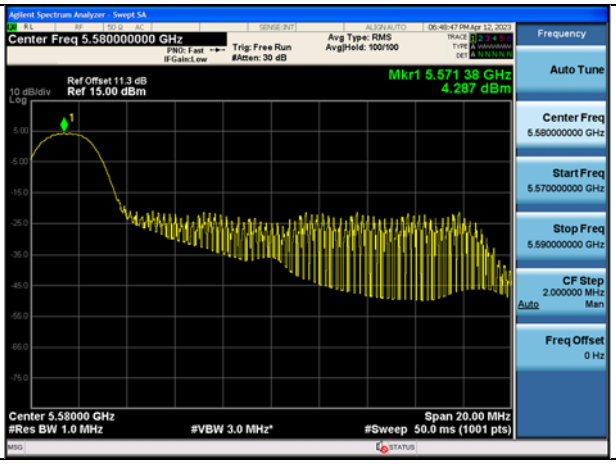
Mode:802.11ax HE20 Tone:26T Frequency:5580MHz
Ant:Chain0



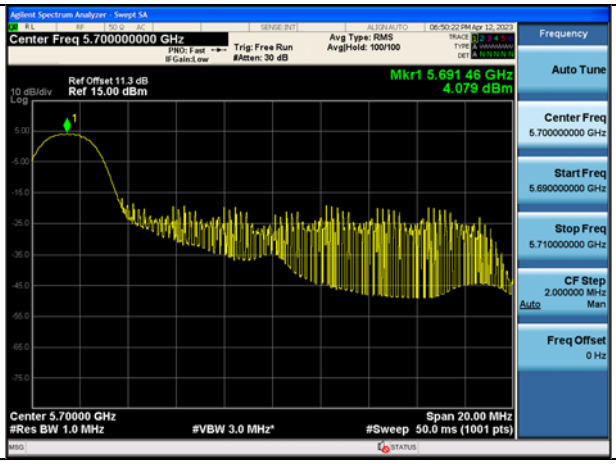
Mode:802.11ax HE20 Tone:26T Frequency:5700MHz
Ant:Chain0



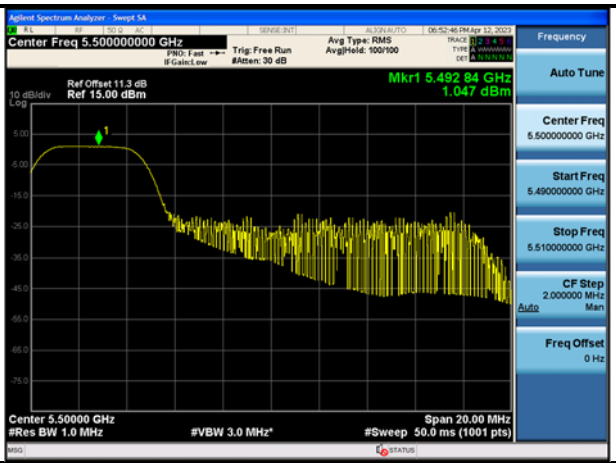
Mode:802.11ax HE20 Tone:26T Frequency:5500MHz
Ant:Chain1



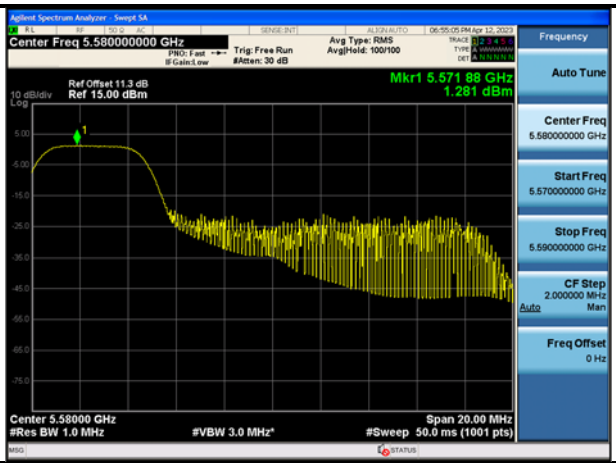
Mode:802.11ax HE20 Tone:26T Frequency:5580MHz
Ant:Chain1



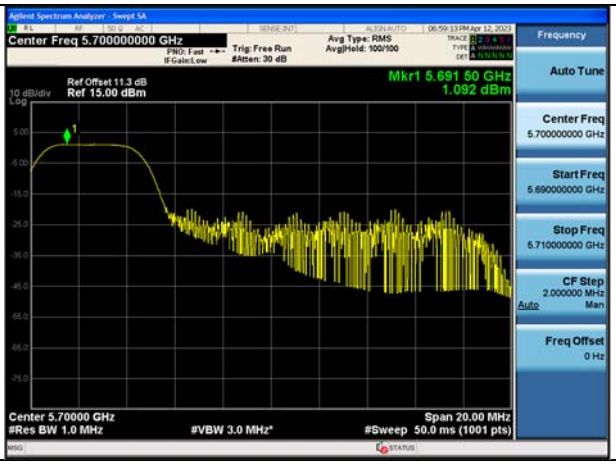
Mode:802.11ax HE20 Tone:26T Frequency:5700MHz
Ant:Chain1



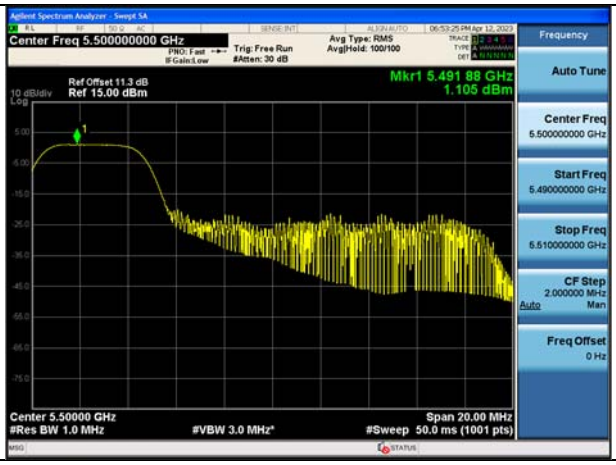
Mode:802.11ax HE20 Tone:52T Frequency:5500MHz
Ant:Chain0



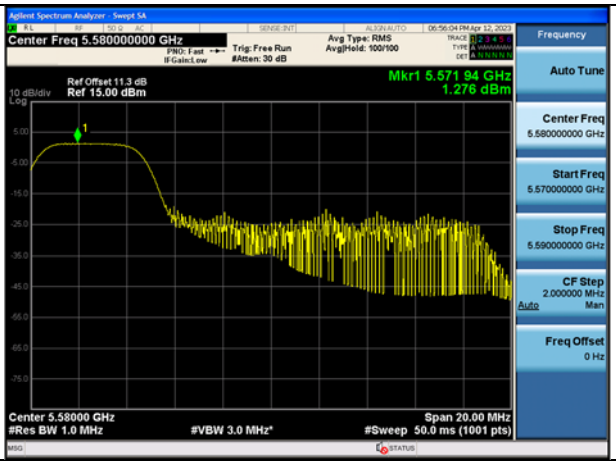
Mode:802.11ax HE20 Tone:52T Frequency:5580MHz
Ant:Chain0



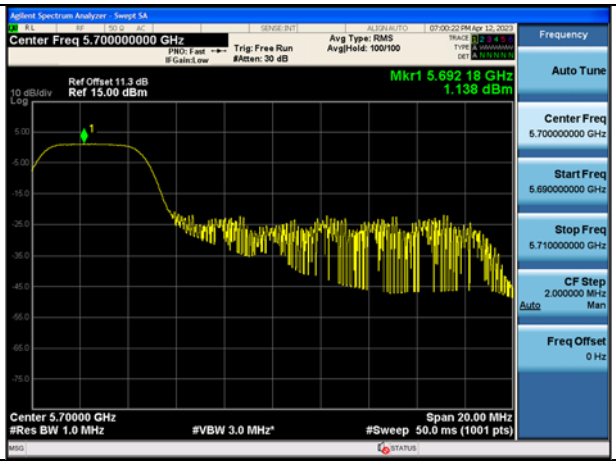
Mode:802.11ax HE20 Tone:52T Frequency:5700MHz
Ant:Chain0



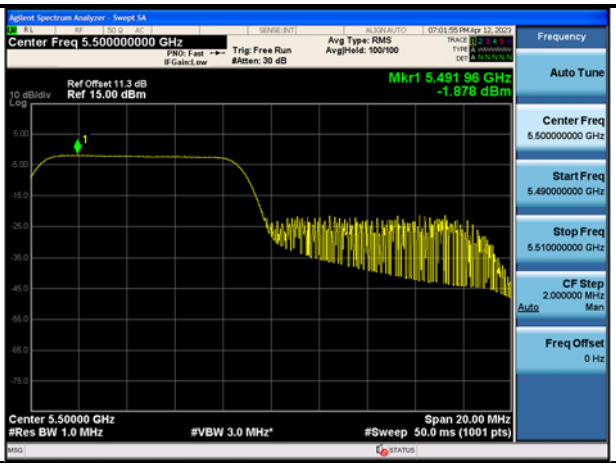
Mode:802.11ax HE20 Tone:52T Frequency:5500MHz
Ant:Chain1



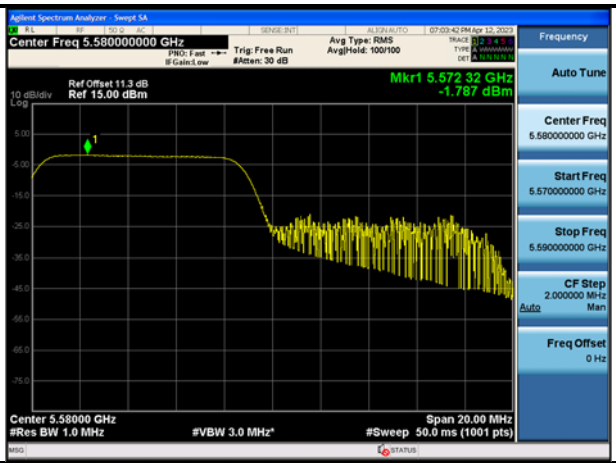
Mode:802.11ax HE20 Tone:52T Frequency:5580MHz
Ant:Chain1



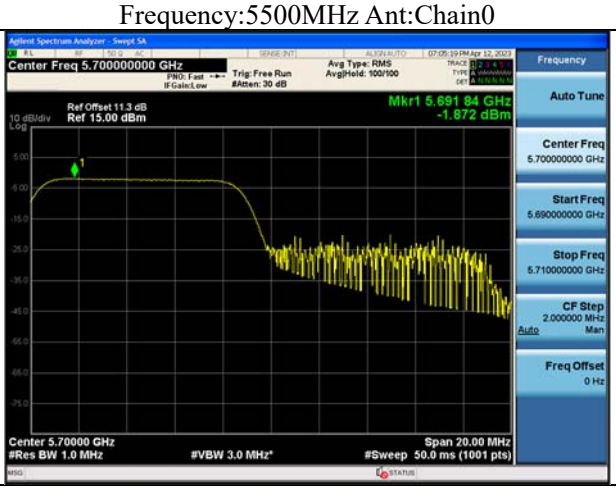
Mode:802.11ax HE20 Tone:52T Frequency:5700MHz
Ant:Chain1



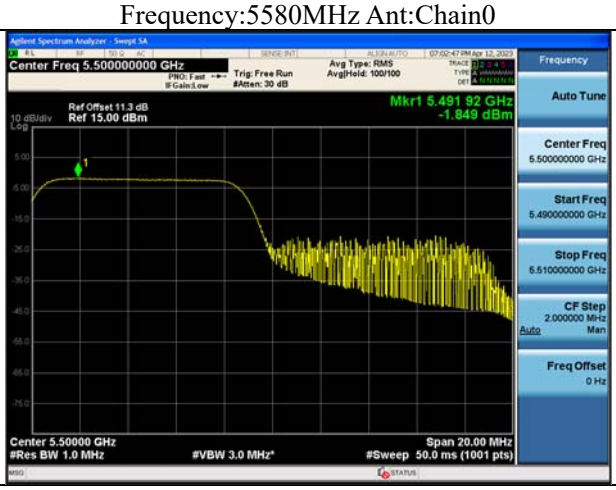
Mode:802.11ax HE20 Tone:106T
Frequency:5500MHz Ant:Chain0



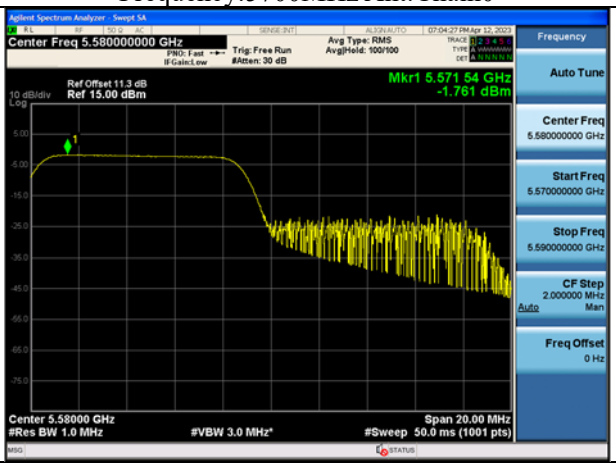
Mode:802.11ax HE20 Tone:106T
Frequency:5580MHz Ant:Chain0



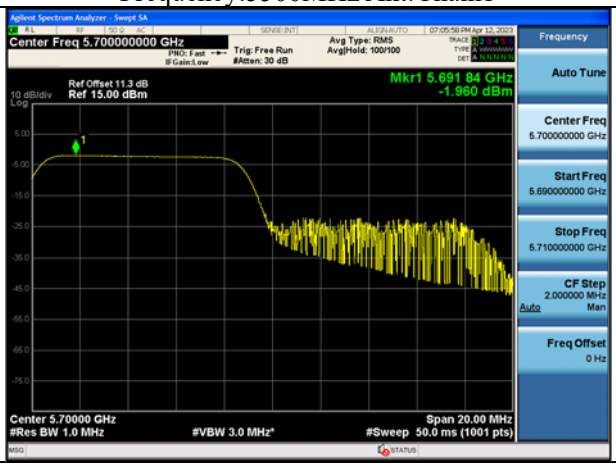
Mode:802.11ax HE20 Tone:106T
Frequency:5700MHz Ant:Chain0



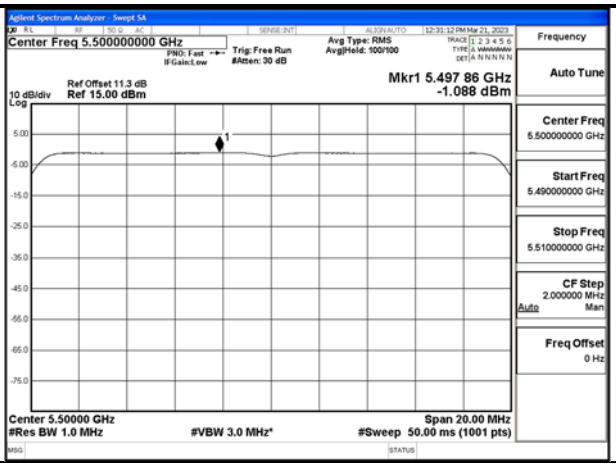
Mode:802.11ax HE20 Tone:106T
Frequency:5500MHz Ant:Chain1



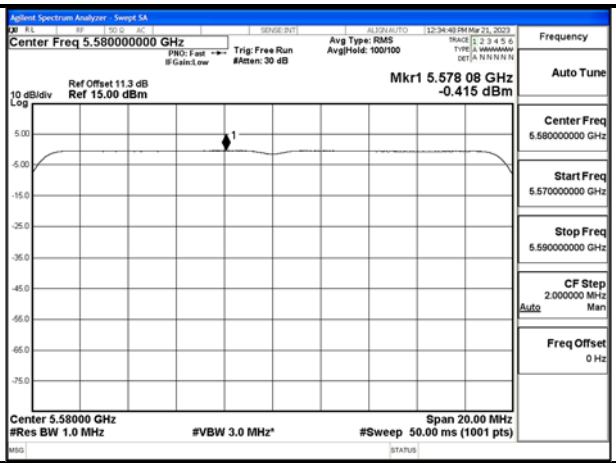
Mode:802.11ax HE20 Tone:106T
Frequency:5580MHz Ant:Chain1



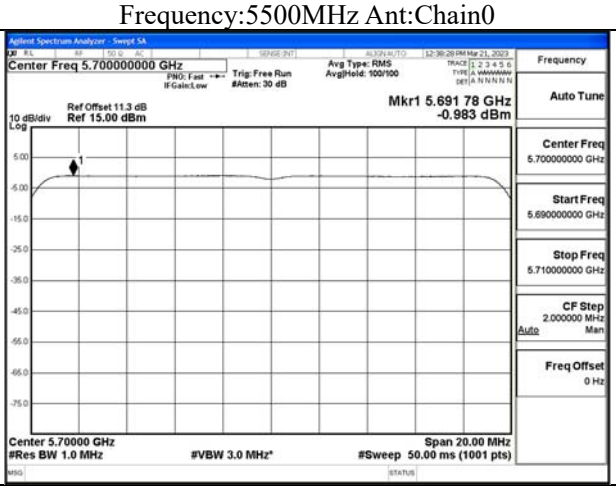
Mode:802.11ax HE20 Tone:106T
Frequency:5700MHz Ant:Chain1



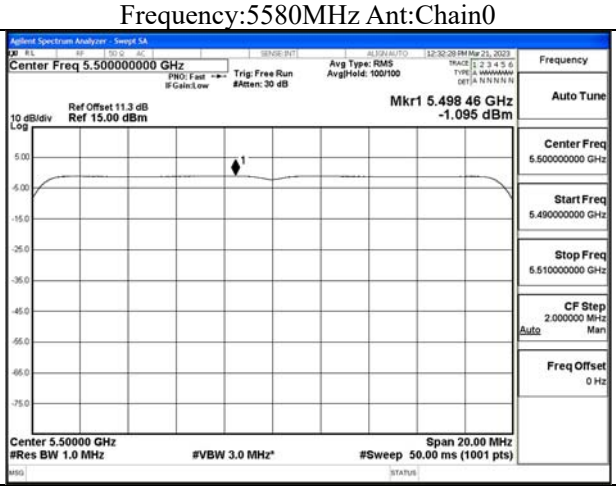
Mode:802.11ax HE20 Tone:242T
Frequency:5500MHz Ant:Chain0



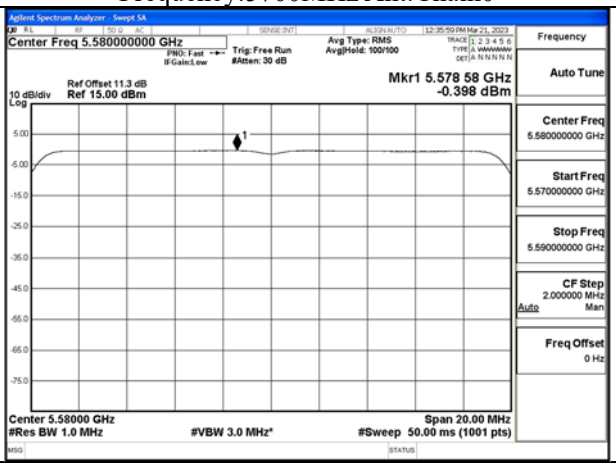
Mode:802.11ax HE20 Tone:242T
Frequency:5580MHz Ant:Chain0



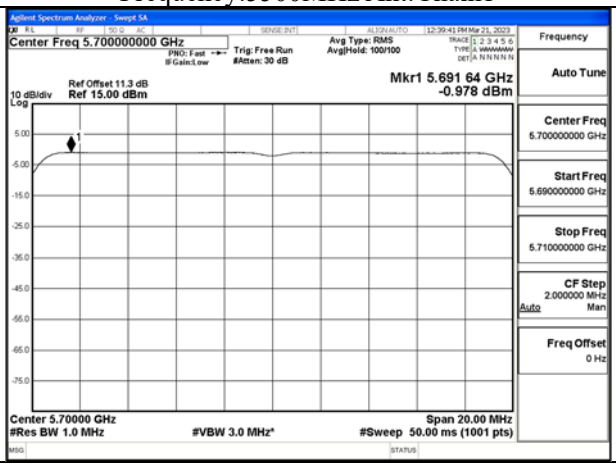
Mode:802.11ax HE20 Tone:242T
Frequency:5700MHz Ant:Chain0



Mode:802.11ax HE20 Tone:242T
Frequency:5500MHz Ant:Chain1

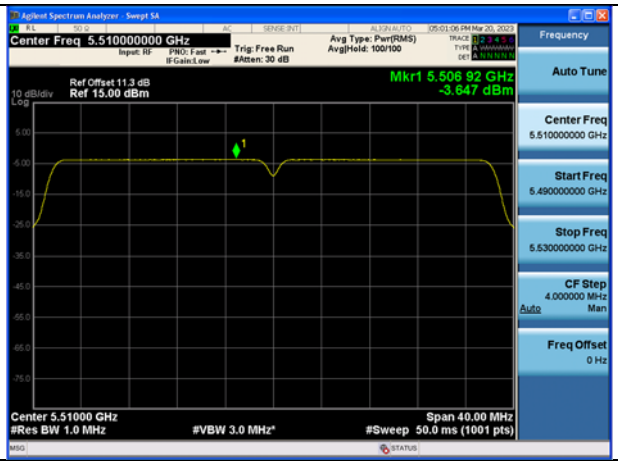


Mode:802.11ax HE20 Tone:242T
Frequency:5580MHz Ant:Chain1

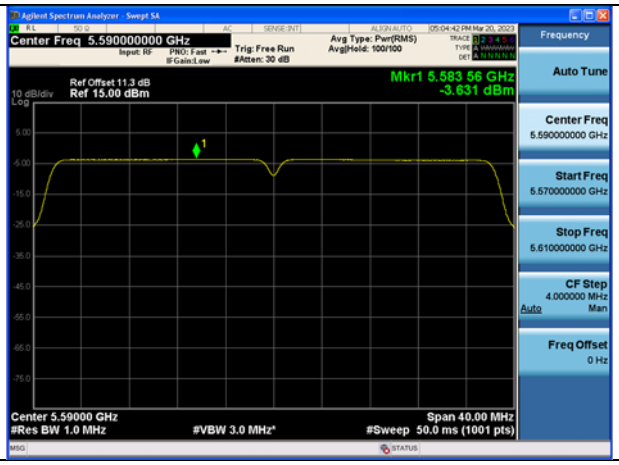


Mode:802.11ax HE20 Tone:242T
Frequency:5700MHz Ant:Chain1

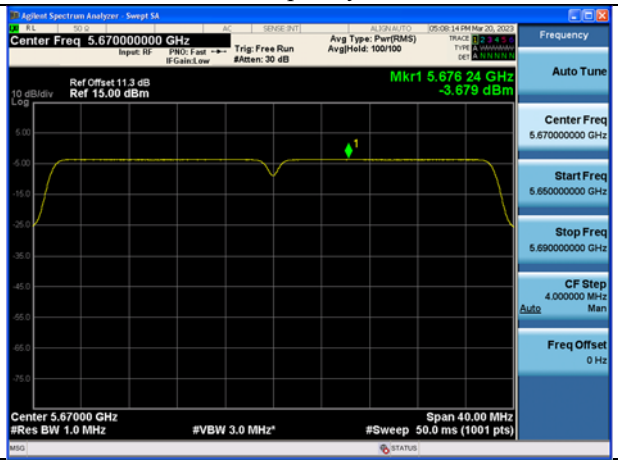
Test Mode: 802.11n HT40



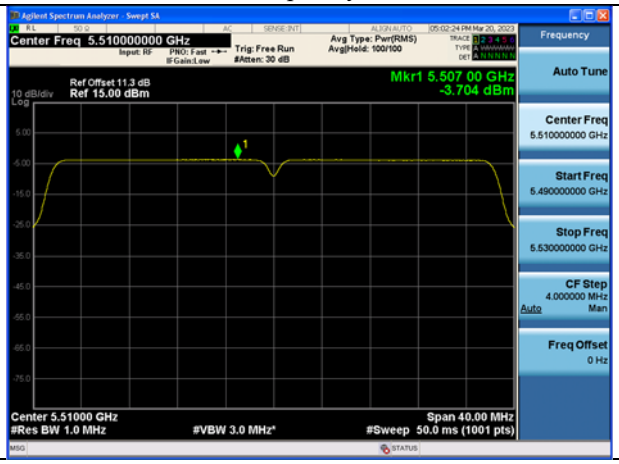
Mode:802.11n HT40 Frequency:5510MHz Ant:Chain0



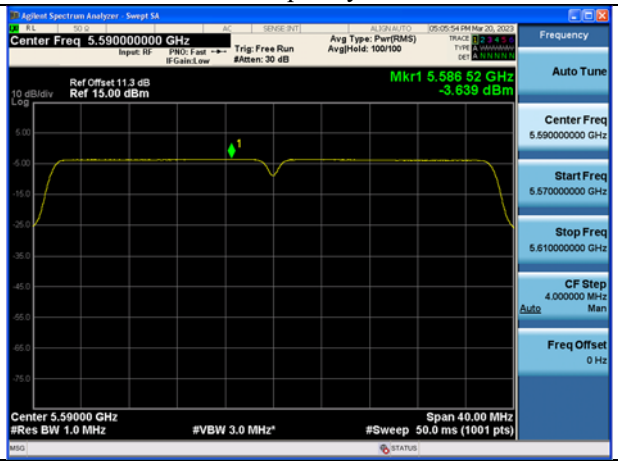
Mode:802.11n HT40 Frequency:5590MHz Ant:Chain0



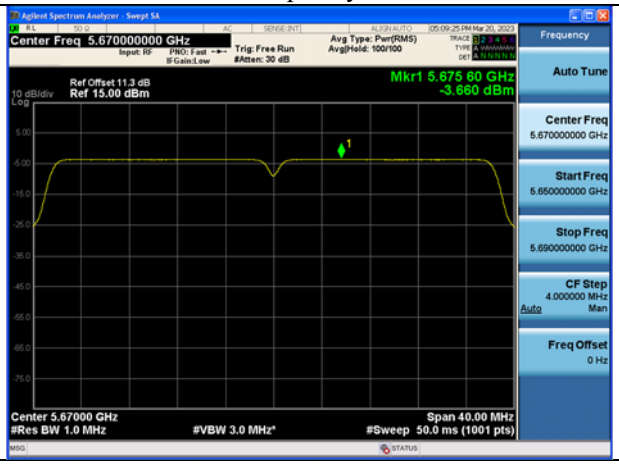
Mode:802.11n HT40 Frequency:5670MHz Ant:Chain0



Mode:802.11n HT40 Frequency:5510MHz Ant:Chain1

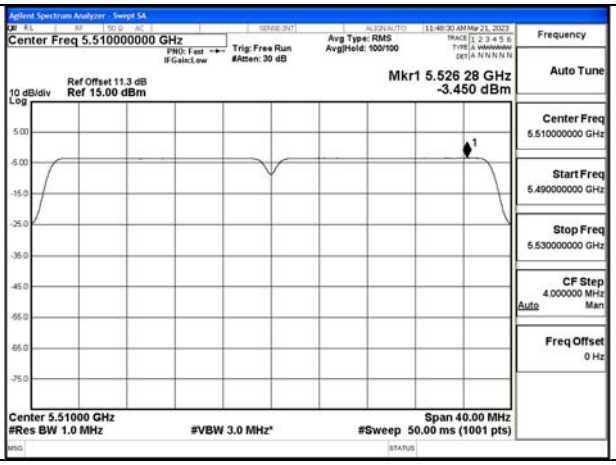


Mode:802.11n HT40 Frequency:5590MHz Ant:Chain1

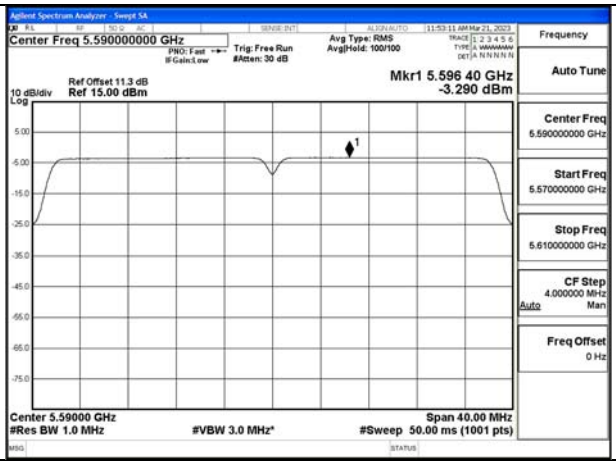


Mode:802.11n HT40 Frequency:5670MHz Ant:Chain1

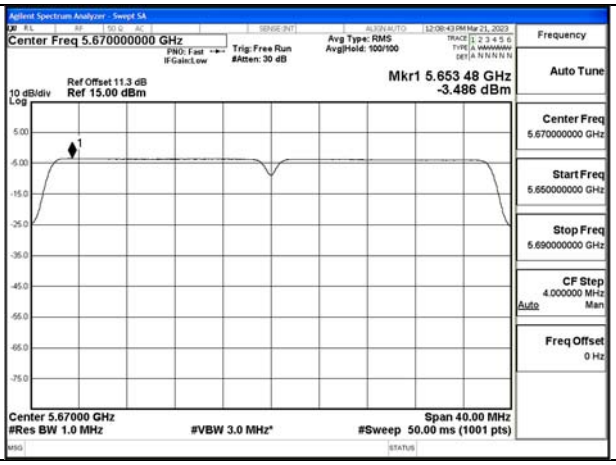
Test Mode: 802.11ac VHT40



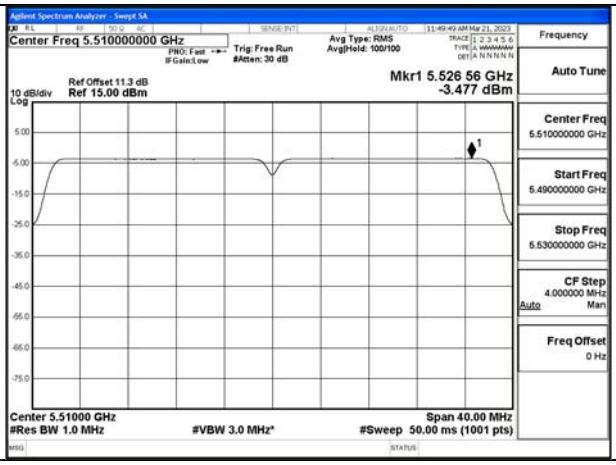
Mode:802.11ac VHT40 Frequency:5510MHz
Ant:Chain0



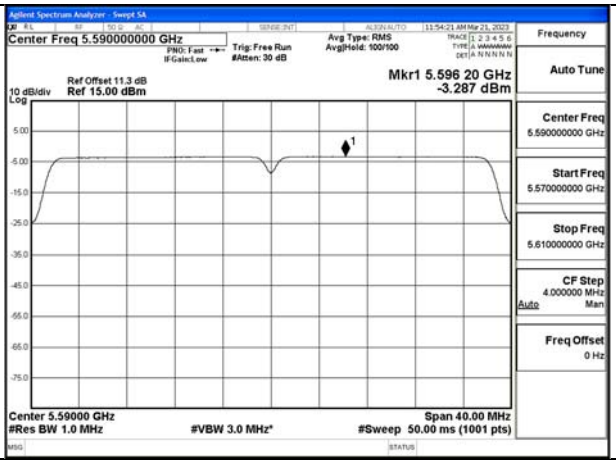
Mode:802.11ac VHT40 Frequency:5590MHz
Ant:Chain0



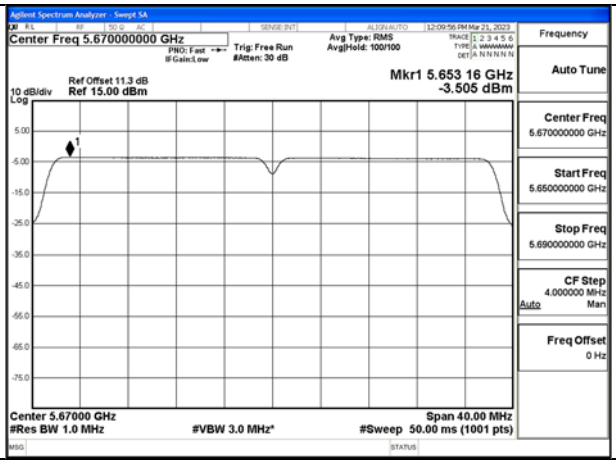
Mode:802.11ac VHT40 Frequency:5670MHz
Ant:Chain0



Mode:802.11ac VHT40 Frequency:5510MHz
Ant:Chain1



Mode:802.11ac VHT40 Frequency:5590MHz
Ant:Chain1



Mode:802.11ac VHT40 Frequency:5670MHz
Ant:Chain1