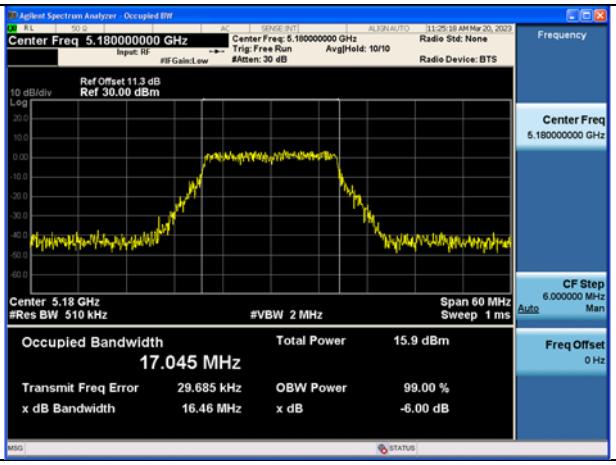
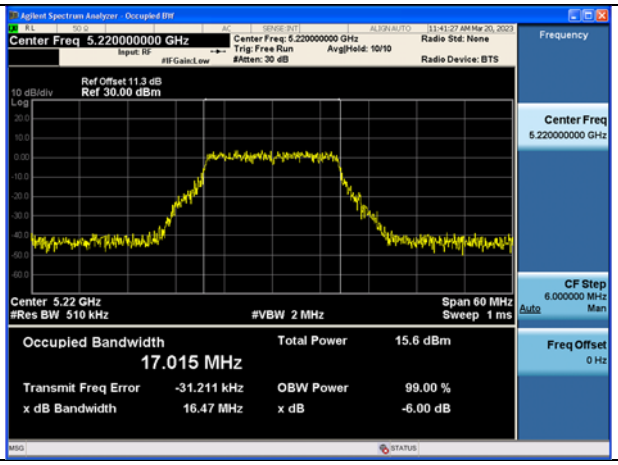
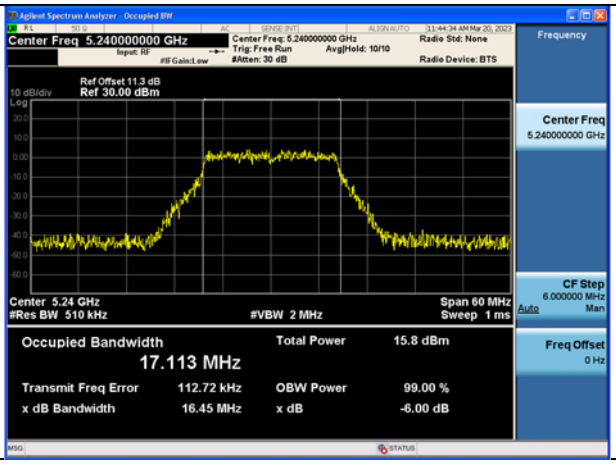
Test Mode: 802.11a



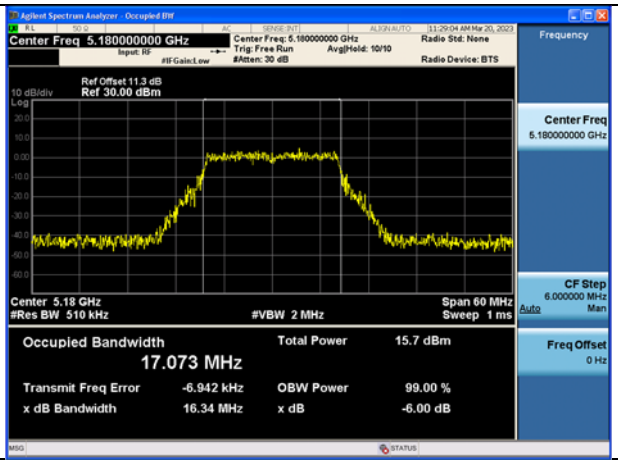
Test Mode:802.11a 5180MHz Chain0



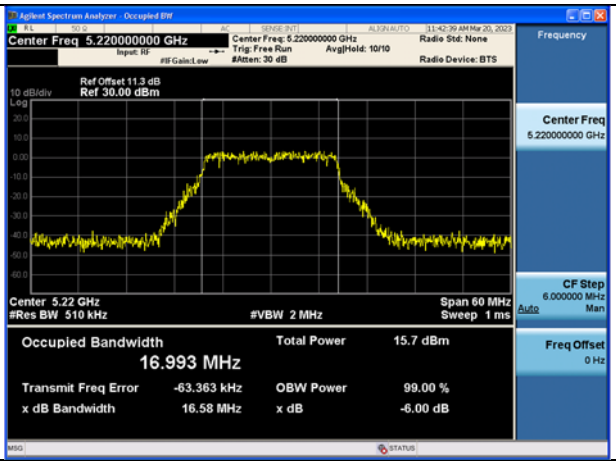
Test Mode:802.11a 5220MHz Chain0



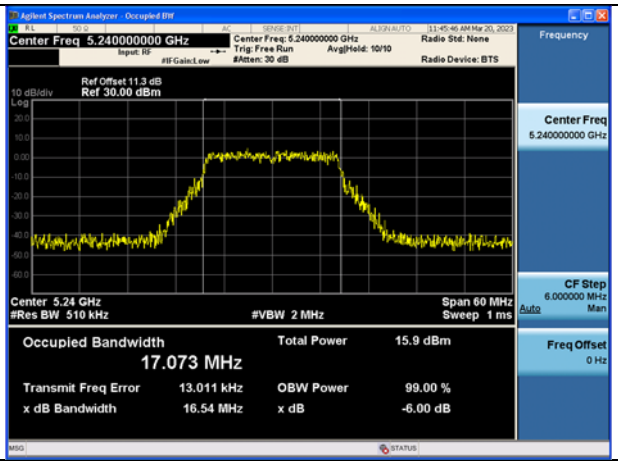
Test Mode:802.11a 5240MHz Chain0



Test Mode:802.11a 5180MHz Chain1

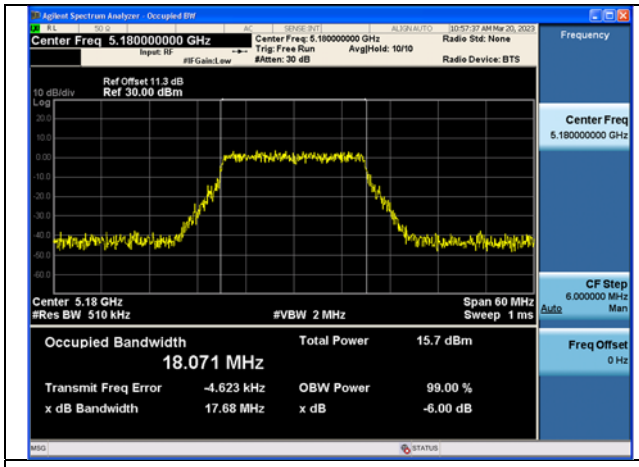


Test Mode:802.11a 5220MHz Chain1

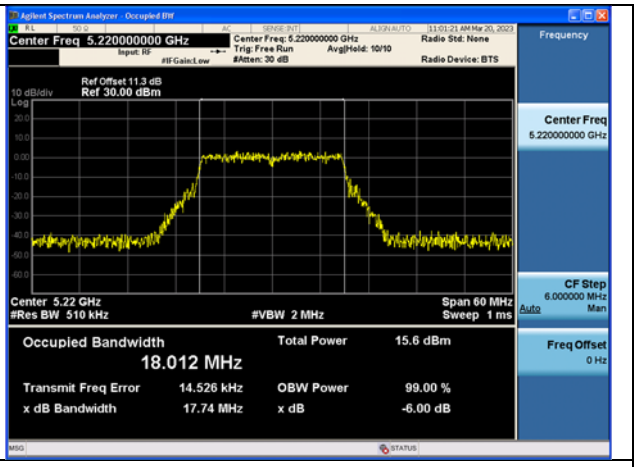


Test Mode:802.11a 5240MHz Chain1

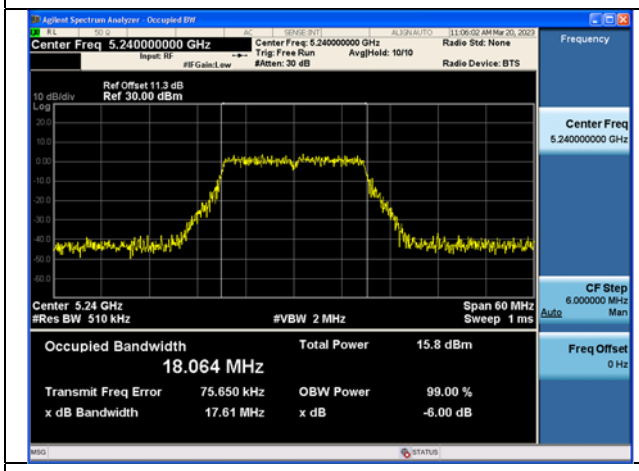
Test Mode: 802.11n HT20



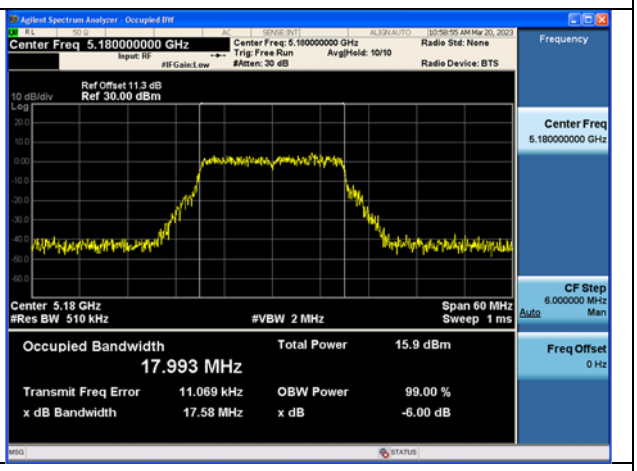
Test Mode:802.11n HT20 5180MHz Chain0



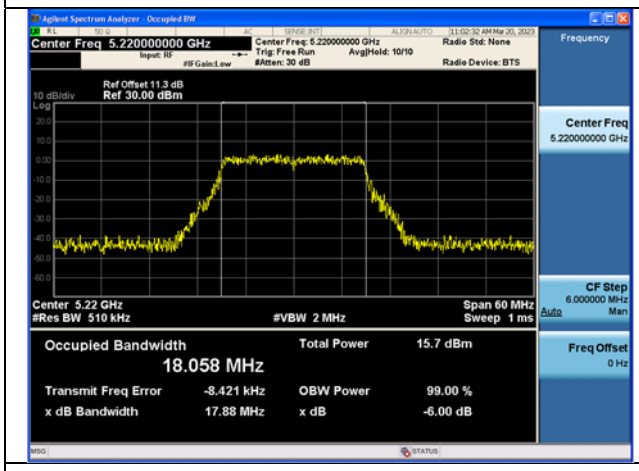
Test Mode:802.11n HT20 5220MHz Chain0



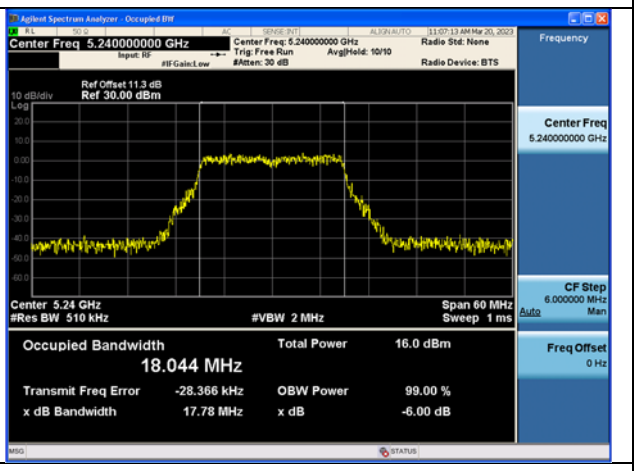
Test Mode:802.11n HT20 5240MHz Chain0



Test Mode:802.11n HT20 5180MHz Chain1

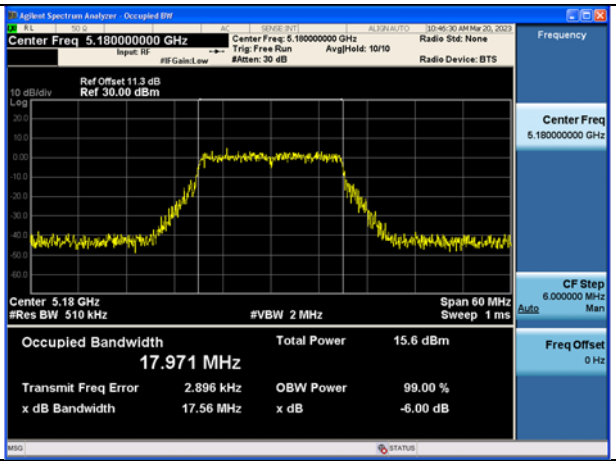


Test Mode:802.11n HT20 5220MHz Chain1

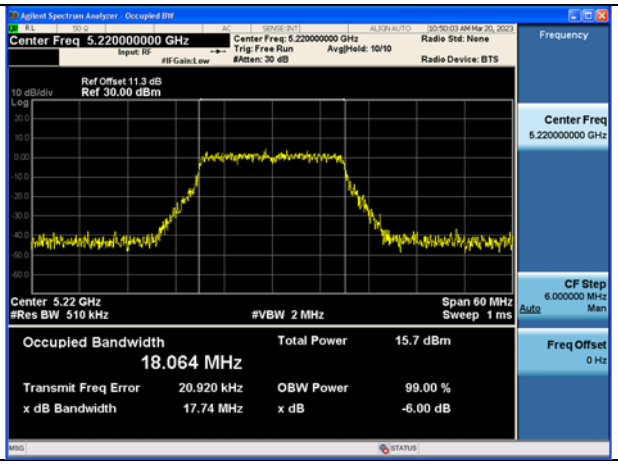


Test Mode:802.11n HT20 5240MHz Chain1

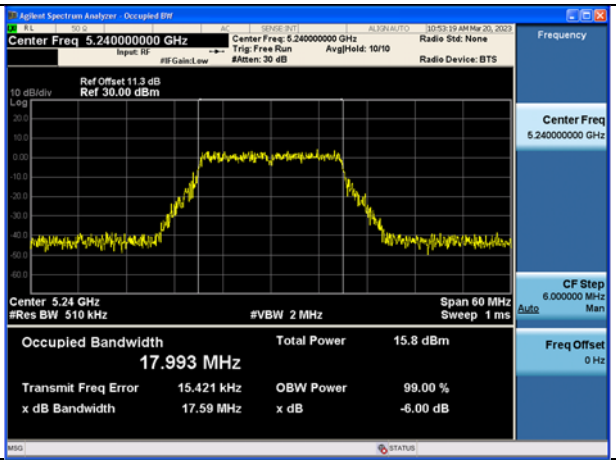
Test Mode: 802.11ac VHT20



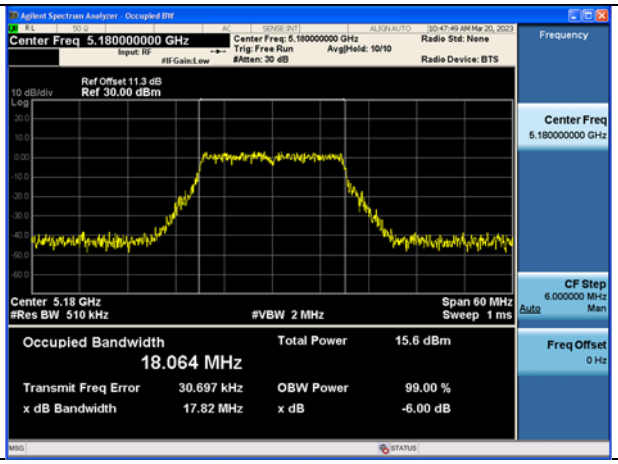
Test Mode:802.11ac VHT20 5180MHz Chain0



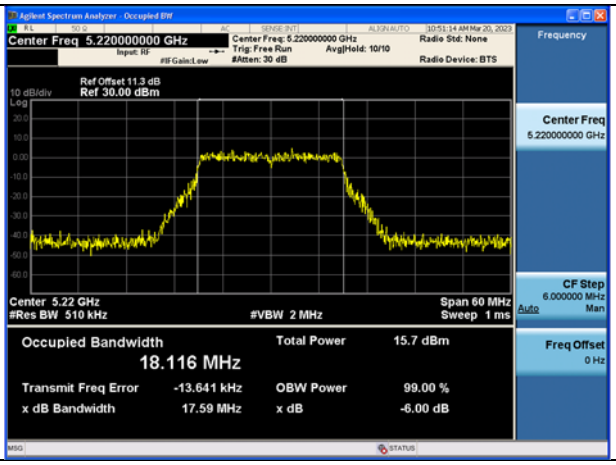
Test Mode:802.11ac VHT20 5220MHz Chain0



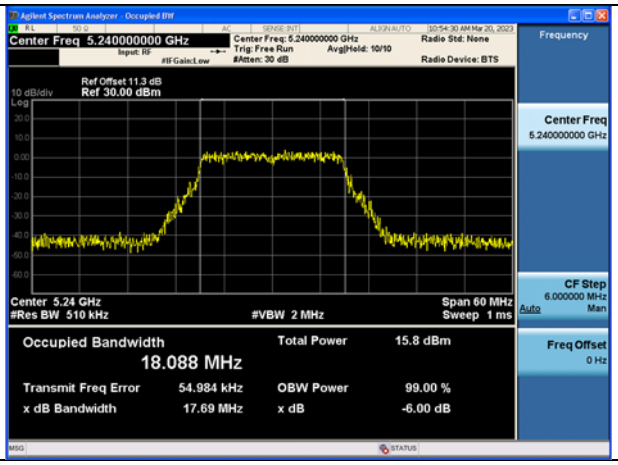
Test Mode:802.11ac VHT20 5240MHz Chain0



Test Mode:802.11ac VHT20 5180MHz Chain1

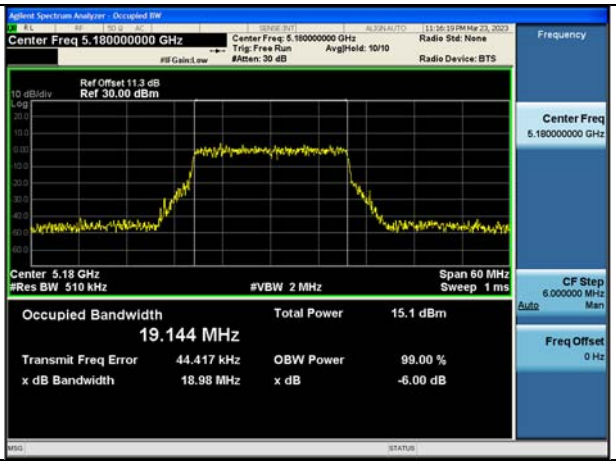


Test Mode:802.11ac VHT20 5220MHz Chain1

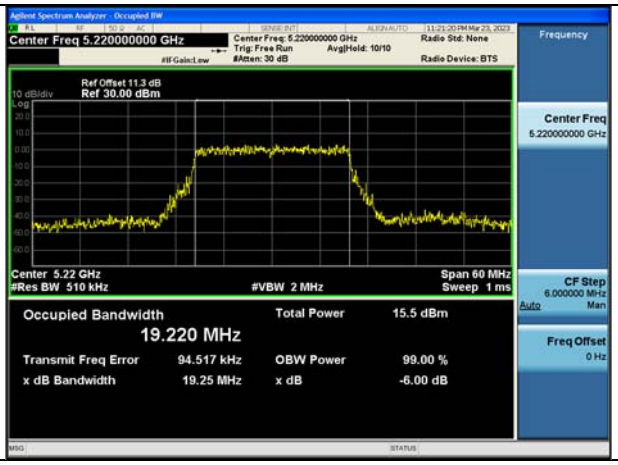


Test Mode:802.11ac VHT20 5240MHz Chain1

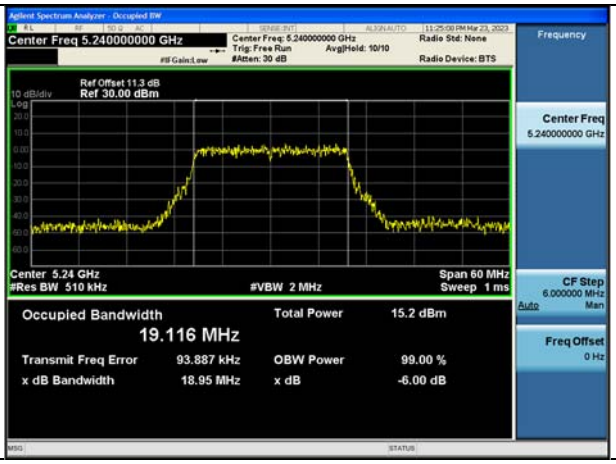
Test Mode: 802.11ax HE20



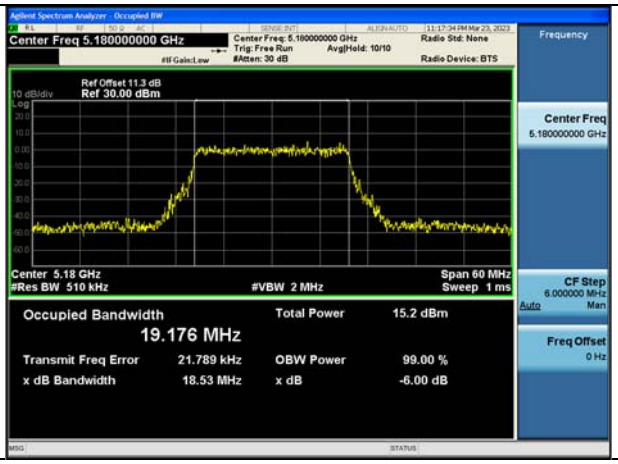
Test Mode:802.11ax HE20 5180MHz Chain0



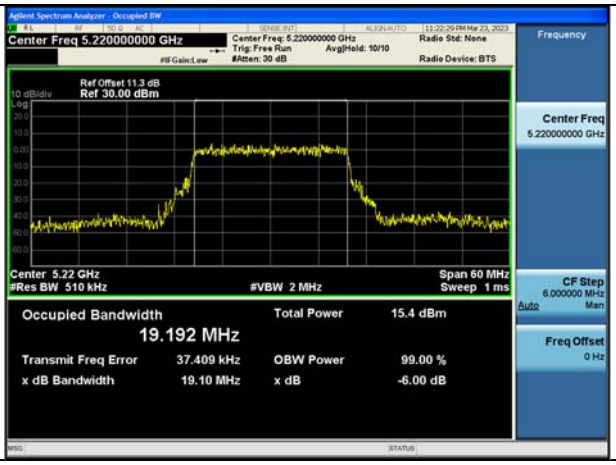
Test Mode:802.11ax HE20 5220MHz Chain0



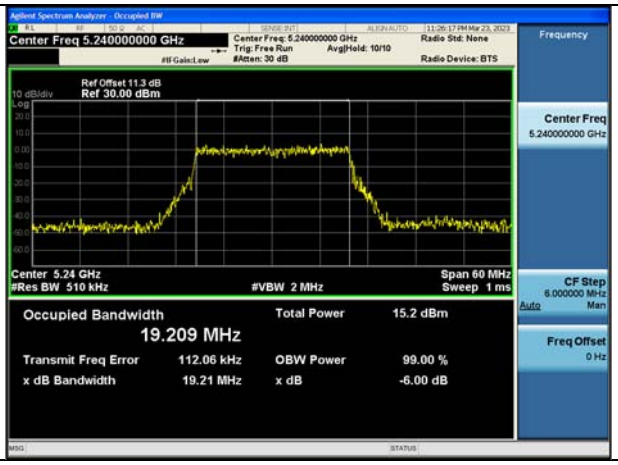
Test Mode:802.11ax HE20 5240MHz Chain0



Test Mode:802.11ax HE20 5180MHz Chain1

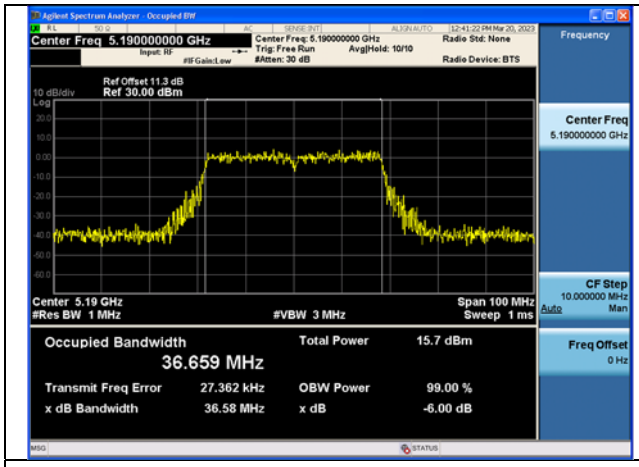


Test Mode:802.11ax HE20 5220MHz Chain1

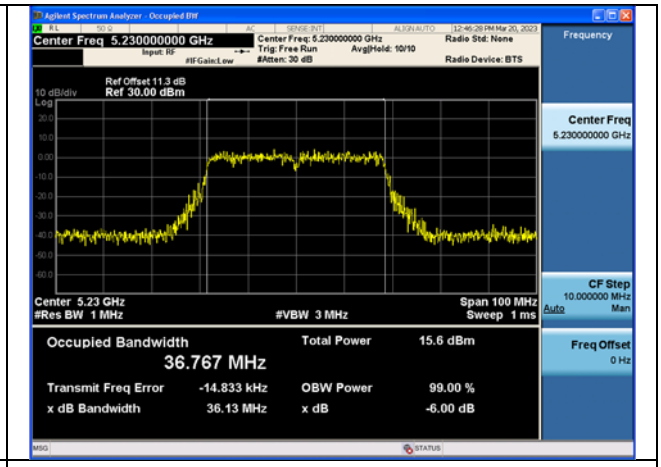


Test Mode:802.11ax HE20 5240MHz Chain1

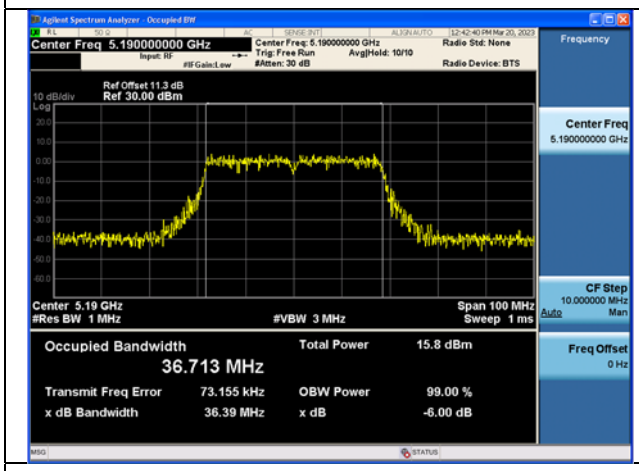
Test Mode: 802.11n HT40



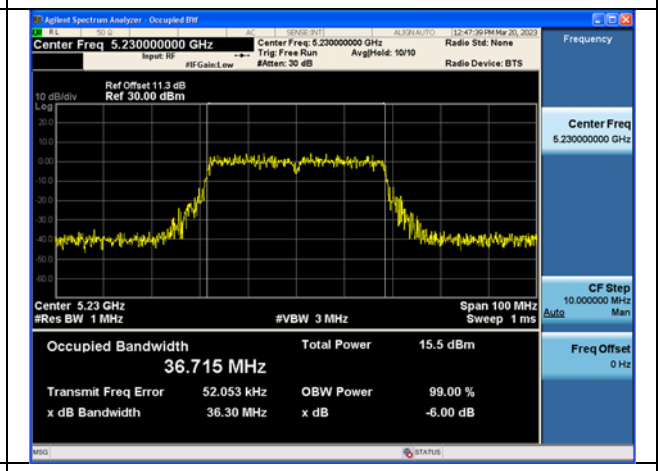
Test Mode:802.11n HT40 5190MHz Chain0



Test Mode:802.11n HT40 5230MHz Chain0

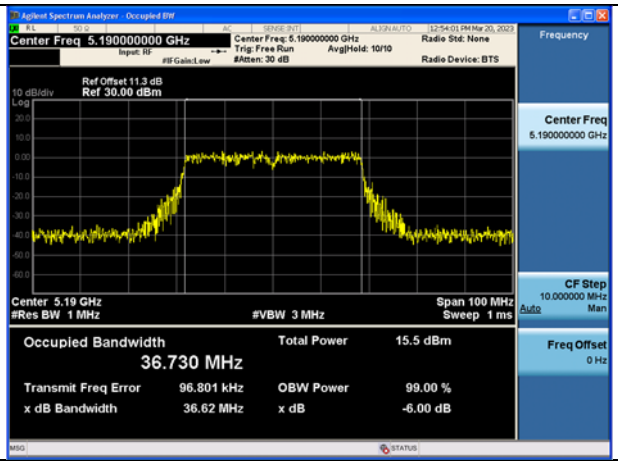


Test Mode:802.11n HT40 5190MHz Chain1

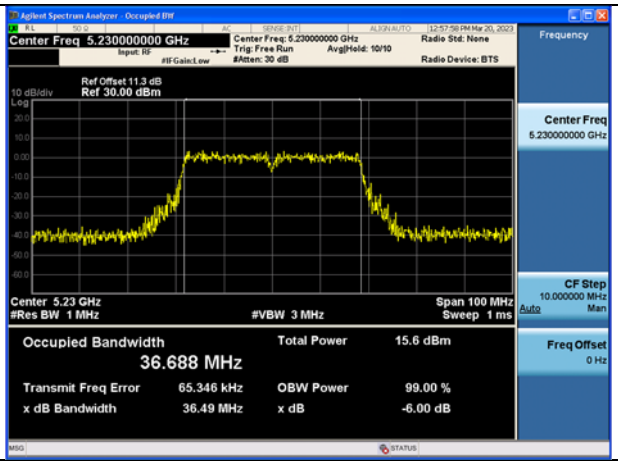


Test Mode:802.11n HT40 5230MHz Chain1

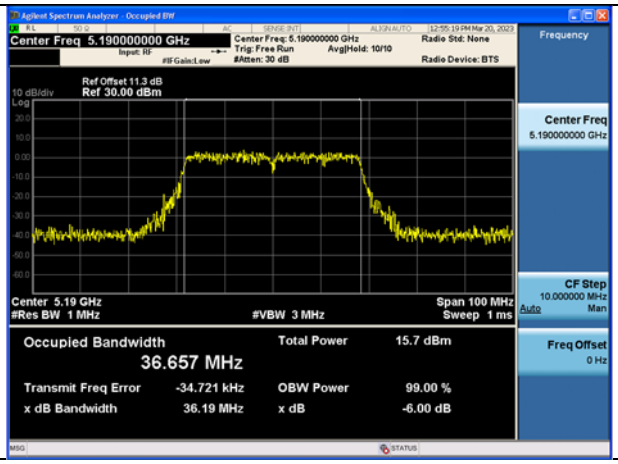
Test Mode: 802.11ac VHT40



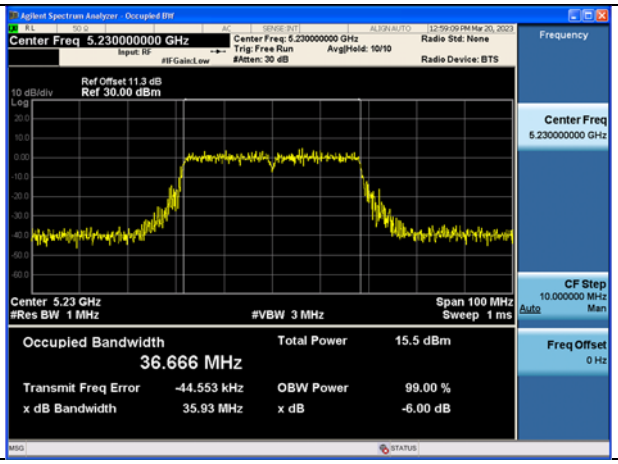
Test Mode:802.11ac VHT40 5190MHz Chain0



Test Mode:802.11ac VHT40 5230MHz Chain0

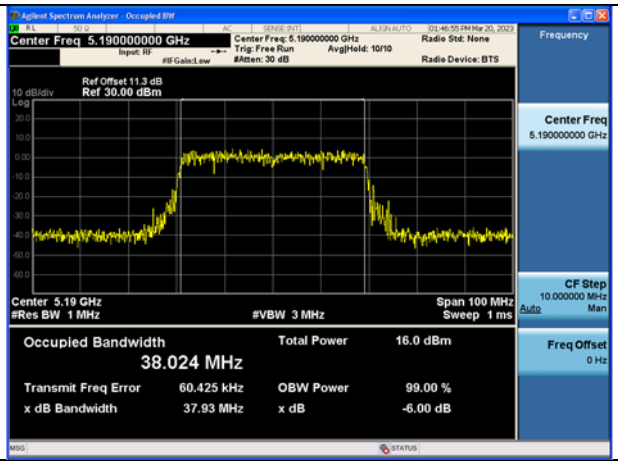


Test Mode:802.11ac VHT40 5190MHz Chain1

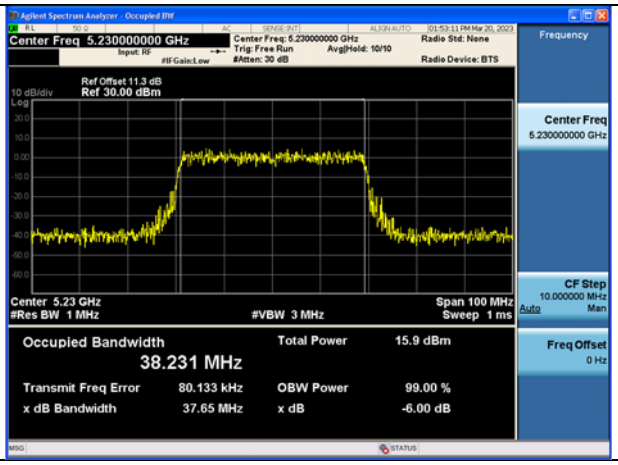


Test Mode:802.11ac VHT40 5230MHz Chain1

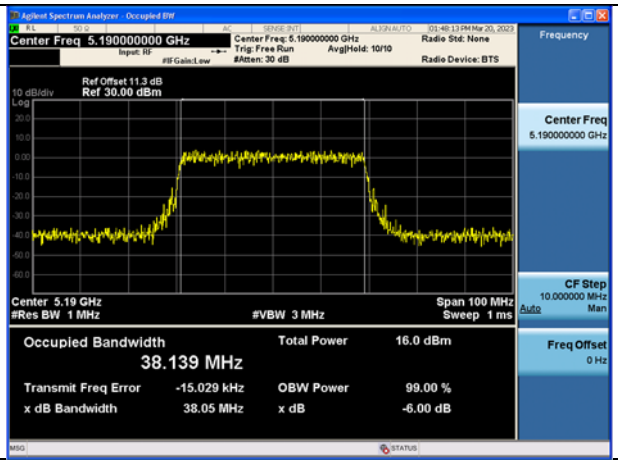
Test Mode: 802.11ax HE40



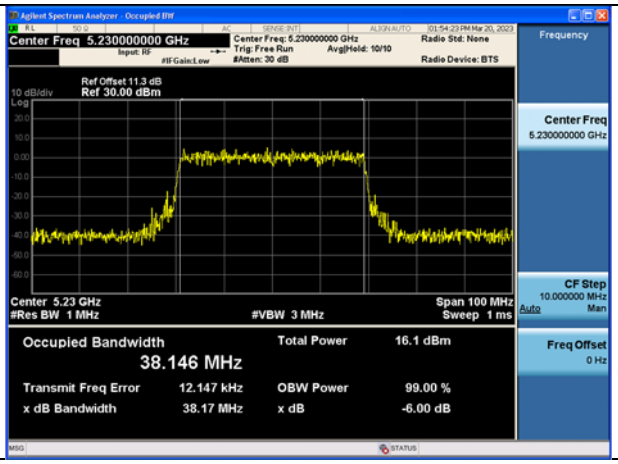
Test Mode:802.11ax HE40 5190MHz Chain0



Test Mode:802.11ax HE40 5230MHz Chain0

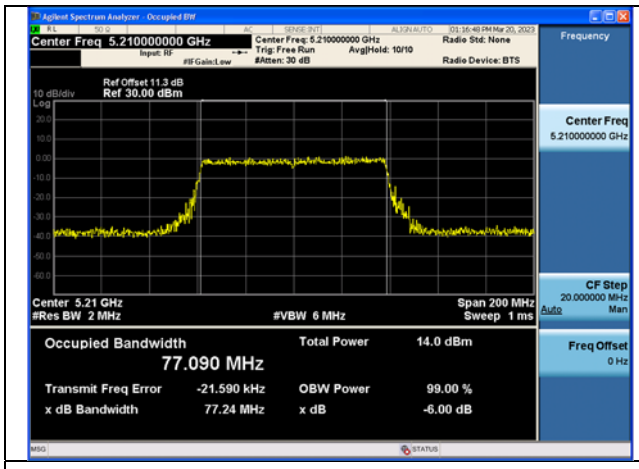


Test Mode:802.11ax HE40 5190MHz Chain1

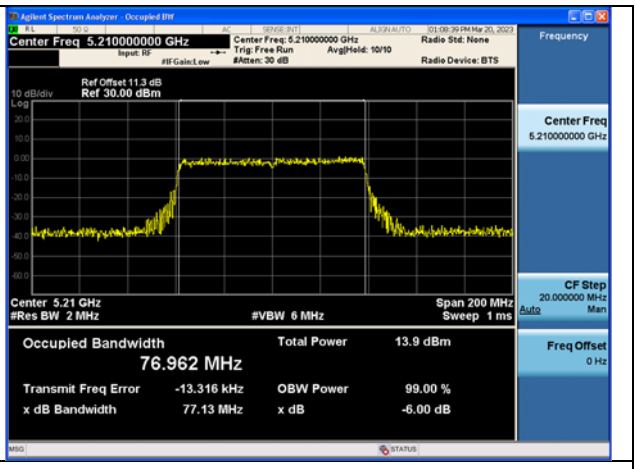


Test Mode:802.11ax HE40 5230MHz Chain1

Test Mode: 802.11ac VHT80

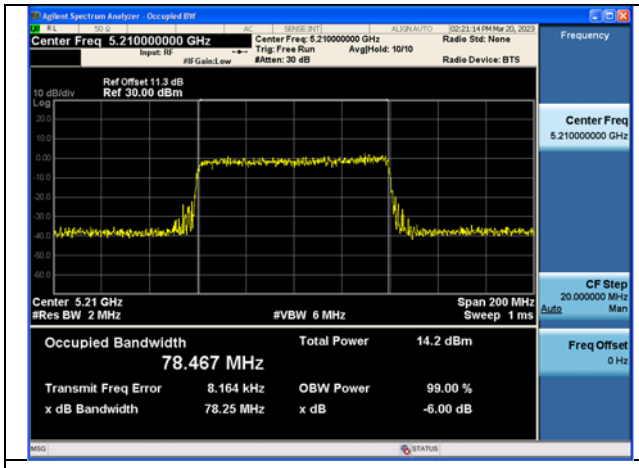


Test Mode:802.11ac VHT80 5210MHz Chain0

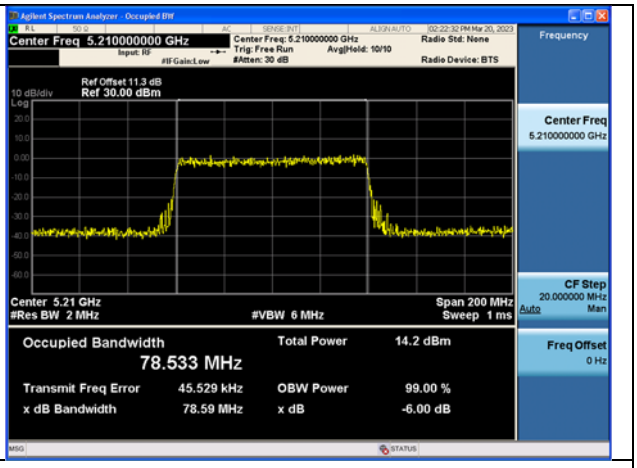


Test Mode:802.11ac VHT80 5210MHz Chain1

Test Mode: 802.11ax HE80

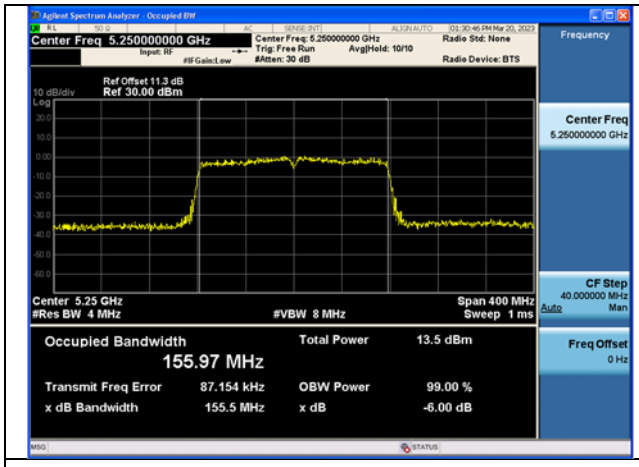


Test Mode:802.11ax HE80 5210MHz Chain0

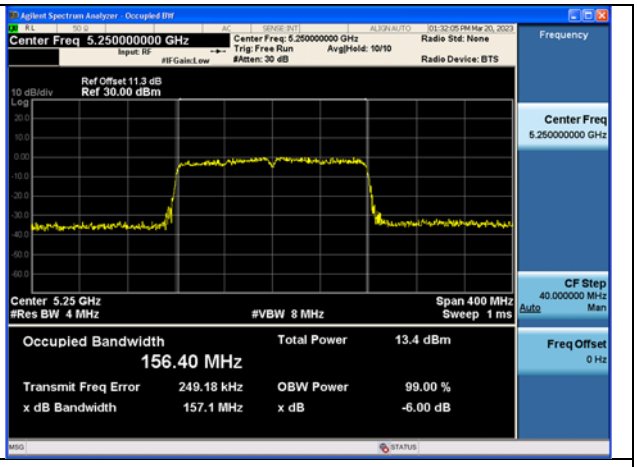


Test Mode:802.11ax HE80 5210MHz Chain1

Test Mode: 802.11ac VHT160

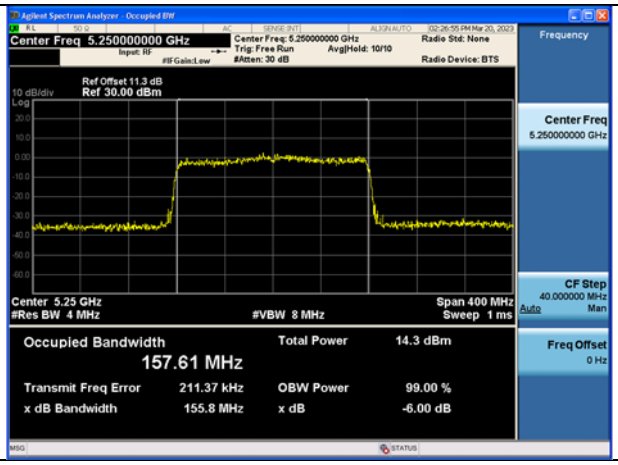
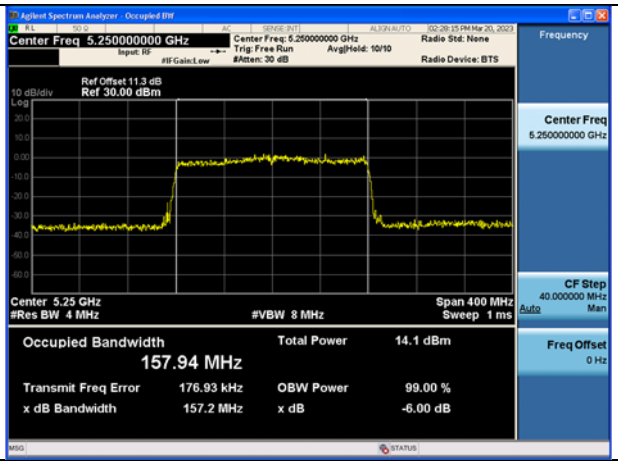


Test Mode:802.11ac VHT160 5250MHz Chain0



Test Mode:802.11ac VHT160 5250MHz Chain1

Test Mode: 802.11ax HE160

	
Test Mode:802.11ax HE160 5250MHz Chain0	Test Mode:802.11ax HE160 5250MHz Chain1

Transmitter Power Spectral Density

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

Test Mode	Antenna	Tones	5180MHz		5220MHz		5240MHz	
			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	0.216	---	0.083	---	0.185
802.11a	Chain1	NA	0	0.177	---	0.103	---	0.298

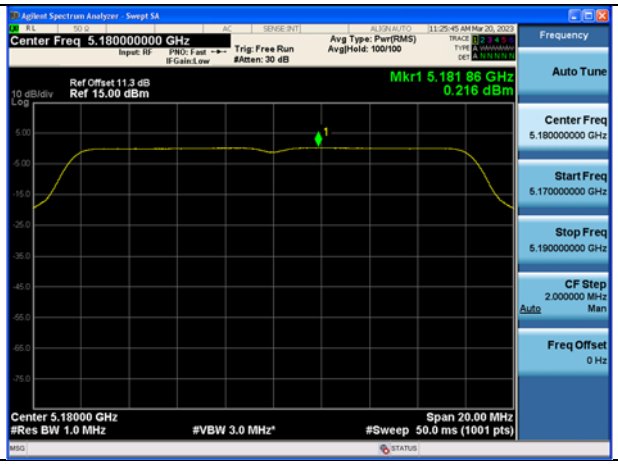
Test Mode	Antenna	Tones	5180MHz		5220MHz		5240MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11n HT20	Chain0	NA	0	-0.179	---	-0.303	---	-0.117
802.11n HT20	Chain1	NA	---	-0.233	---	-0.321	---	-0.079
802.11n HT20	MIMO	NA	---	2.804	---	2.698	---	2.912
802.11ac VHT20	Chain0	NA	0	-0.111	---	-0.267	---	-0.088
802.11ac VHT20	Chain1	NA	---	-0.120	---	-0.263	---	-0.090
802.11ac VHT20	MIMO	NA	---	2.895	---	2.745	---	2.921
802.11ax HE20	Chain0	26T	0	5.539	---	4.810	---	4.719
802.11ax HE20	Chain1	26T	---	5.540	---	4.840	---	4.779
802.11ax HE20	MIMO	26T	---	8.550	---	7.835	---	7.759
802.11ax HE20	Chain0	52T	0	2.630	---	2.011	---	1.821
802.11ax HE20	Chain1	52T	---	2.595	---	1.949	---	1.856
802.11ax HE20	MIMO	52T	---	5.623	---	4.990	---	4.849
802.11ax HE20	Chain0	106T	0	-0.468	---	-1.082	---	-1.271
802.11ax HE20	Chain1	106T	---	-0.458	---	-1.119	---	-1.261
802.11ax HE20	MIMO	106T	---	2.547	---	1.910	---	1.744
802.11ax HE20	Chain0	242T	0	-1.017	---	-0.551	---	-0.848
802.11ax HE20	Chain1	242T	---	-1.047	---	-0.563	---	-0.828
802.11ax HE20	MIMO	242T	---	1.978	---	2.453	---	2.172

Test Mode	Antenna	Tones	5190MHz		---		5230MHz	
			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	-3.532	---	---	---	-3.695
802.11n HT40	Chain1	NA	0	-3.607	---	---	---	-3.721
802.11n HT40	MIMO	NA	0	-0.559	---	---	---	-0.698
802.11ac VHT40	Chain0	NA	0	-3.525	---	---	---	-3.712
802.11ac VHT40	Chain1	NA	0	-3.569	---	---	---	-3.663
802.11ac VHT40	MIMO	NA	0	-0.537	---	---	---	-0.677
802.11ax HE40	Chain0	26T	0	5.125	---	---	---	4.537
802.11ax HE40	Chain1	26T	0	5.150	---	---	---	4.582
802.11ax HE40	MIMO	26T	0	8.148	---	---	---	7.570
802.11ax HE40	Chain0	52T	0	2.225	---	---	---	1.567
802.11ax HE40	Chain1	52T	0	2.166	---	---	---	1.575
802.11ax HE40	MIMO	52T	0	5.206	---	---	---	4.581
802.11ax HE40	Chain0	106T	0	-0.766	---	---	---	-1.438
802.11ax HE40	Chain1	106T	0	-0.812	---	---	---	-1.392
802.11ax HE40	MIMO	106T	0	2.221	---	---	---	1.595
802.11ax HE40	Chain0	242T	0	-4.527	---	---	---	-5.096
802.11ax HE40	Chain1	242T	0	-4.428	---	---	---	-5.125
802.11ax HE40	MIMO	242T	0	-1.467	---	---	---	-2.100
802.11ax HE40	Chain0	484T	0	-6.715	---	---	---	-6.778
802.11ax HE40	Chain1	484T	0	-6.721	---	---	---	-6.804
802.11ax HE40	MIMO	484T	0	-3.708	---	---	---	-3.781

Test Mode	Antenna	Tones	5210MHz		---		---	
			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	-5.736	---	---	---	---
802.11ac VHT80	Chain1	NA	0	-5.743	---	---	---	---
802.11ac VHT80	MIMO	NA	0	-2.729	---	---	---	---
802.11ax HE80	Chain0	26T	0	4.520	---	---	---	---
802.11ax HE80	Chain1	26T	0	4.377	---	---	---	---
802.11ax HE80	MIMO	26T	0	7.459	---	---	---	---
802.11ax HE80	Chain0	52T	0	1.741	---	---	---	---
802.11ax HE80	Chain1	52T	0	1.731	---	---	---	---
802.11ax HE80	MIMO	52T	0	4.746	---	---	---	---
802.11ax HE80	Chain0	106T	0	-1.234	---	---	---	---
802.11ax HE80	Chain1	106T	0	-1.321	---	---	---	---
802.11ax HE80	MIMO	106T	0	1.733	---	---	---	---
802.11ax HE80	Chain0	242T	0	-4.940	---	---	---	---
802.11ax HE80	Chain1	242T	0	-4.913	---	---	---	---
802.11ax HE80	MIMO	242T	0	-1.916	---	---	---	---
802.11ax HE80	Chain0	484T	0	-10.610	---	---	---	---
802.11ax HE80	Chain1	484T	0	-10.600	---	---	---	---
802.11ax HE80	MIMO	484T	0	-7.595	---	---	---	---
802.11ax HE80	Chain0	996T	0	-9.026	---	---	---	---
802.11ax HE80	Chain1	996T	0	-8.985	---	---	---	---
802.11ax HE80	MIMO	996T	0	-5.995	---	---	---	---

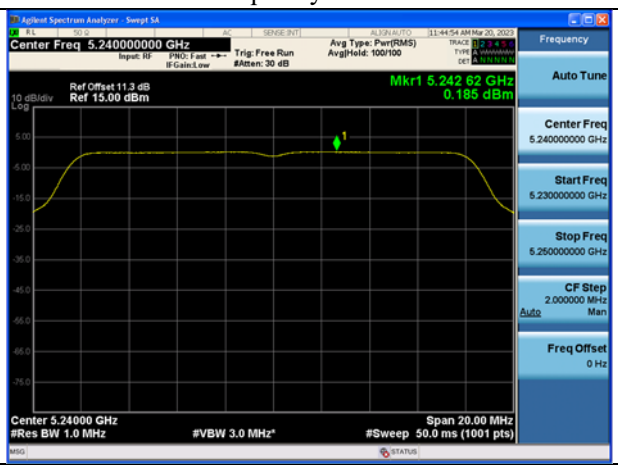
Test Mode	Antenna	Tones	5250MHz		---		---	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11ac VHT160	Chain0	NA	0	-8.420	---	---	---	---
802.11ac VHT160	Chain1	NA	0	-8.397	---	---	---	---
802.11ac VHT160	MIMO	NA	0	-5.398	---	---	---	---
802.11ax HE160	Chain0	26T	0	4.144	---	---	---	---
802.11ax HE160	Chain1	26T	0	4.535	---	---	---	---
802.11ax HE160	MIMO	26T	0	7.354	---	---	---	---
802.11ax HE160	Chain0	52T	0	1.529	---	---	---	---
802.11ax HE160	Chain1	52T	0	1.661	---	---	---	---
802.11ax HE160	MIMO	52T	0	4.606	---	---	---	---
802.11ax HE160	Chain0	106T	0	-1.277	---	---	---	---
802.11ax HE160	Chain1	106T	0	-1.258	---	---	---	---
802.11ax HE160	MIMO	106T	0	1.743	---	---	---	---
802.11ax HE160	Chain0	242T	0	-4.964	---	---	---	---
802.11ax HE160	Chain1	242T	0	-4.921	---	---	---	---
802.11ax HE160	MIMO	242T	0	-1.932	---	---	---	---
802.11ax HE160	Chain0	484T	0	-7.746	---	---	---	---
802.11ax HE160	Chain1	484T	0	-7.738	---	---	---	---
802.11ax HE160	MIMO	484T	0	-4.732	---	---	---	---
802.11ax HE160	Chain0	996T	0	-10.314	---	---	---	---
802.11ax HE160	Chain1	996T	0	-10.530	---	---	---	---
802.11ax HE160	MIMO	996T	0	-7.410	---	---	---	---
802.11ax HE160	Chain0	1992T	0	-8.021	---	---	---	---
802.11ax HE160	Chain1	1992T	0	-8.061	---	---	---	---
802.11ax HE160	MIMO	1992T	0	-5.031	---	---	---	---

Test Mode: 802.11a



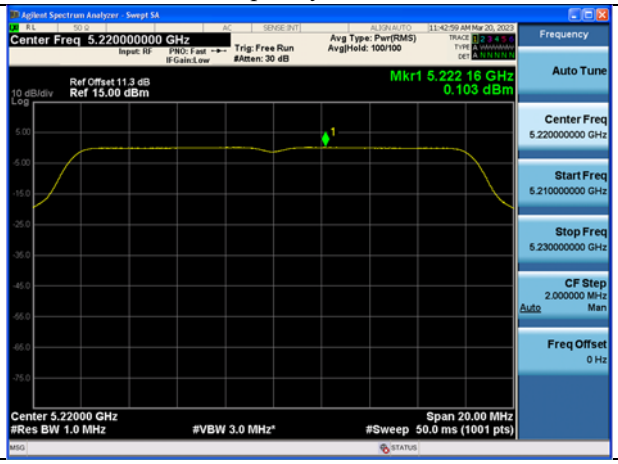
Mode:802.11a Frequency:5180MHz Ant:Chain0

Mode:802.11a Frequency:5220MHz Ant:Chain0

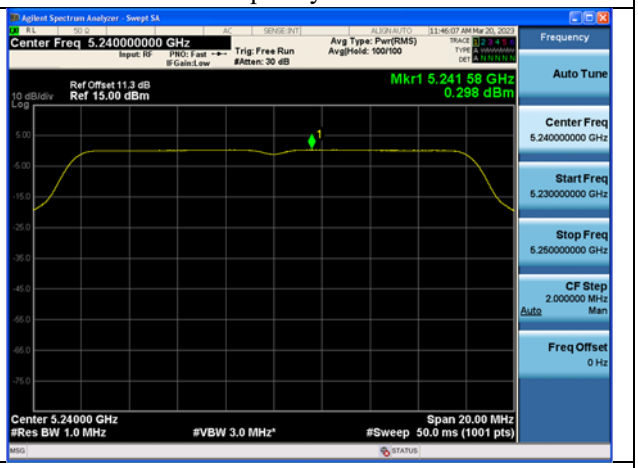


Mode:802.11a Frequency:5240MHz Ant:Chain0

Mode:802.11a Frequency:5180MHz Ant:Chain1

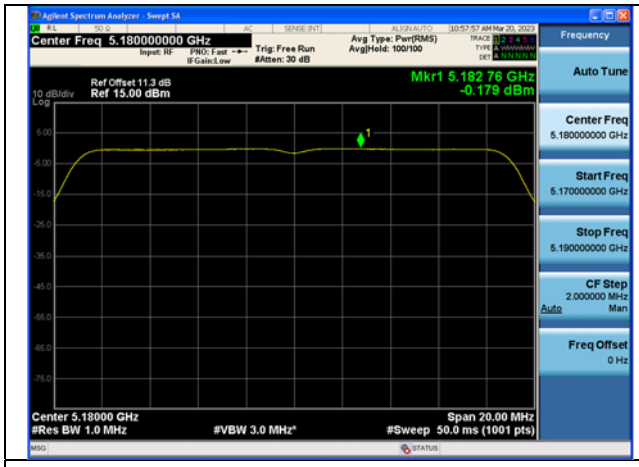


Mode:802.11a Frequency:5220MHz Ant:Chain1



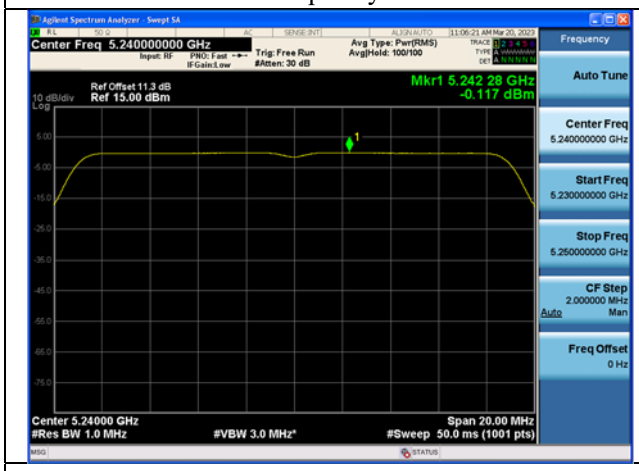
Mode:802.11a Frequency:5240MHz Ant:Chain1

Test Mode: 802.11n HT20



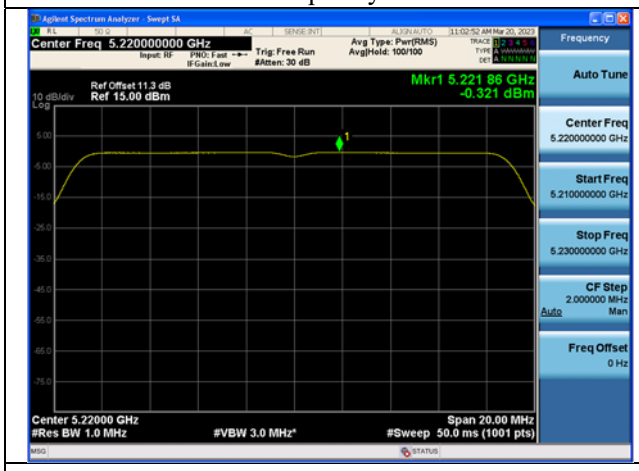
Mode:802.11n HT20 Frequency:5180MHz Ant:Chain0

Mode:802.11n HT20 Frequency:5220MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5240MHz Ant:Chain0

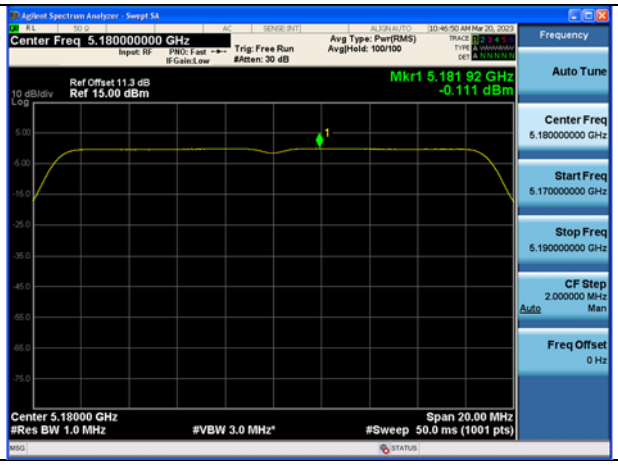
Mode:802.11n HT20 Frequency:5180MHz Ant:Chain1



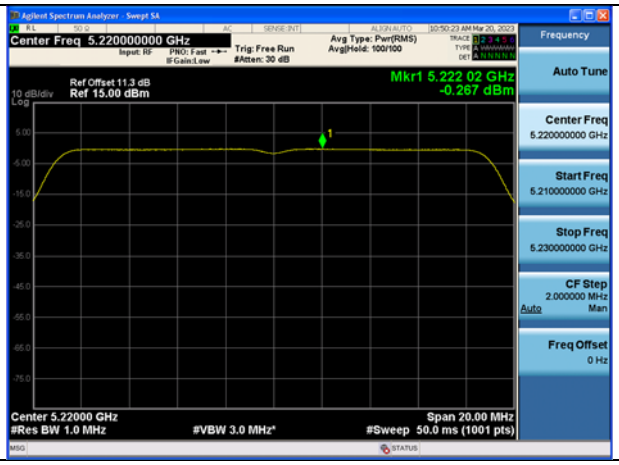
Mode:802.11n HT20 Frequency:5220MHz Ant:Chain1

Mode:802.11n HT20 Frequency:5240MHz Ant:Chain1

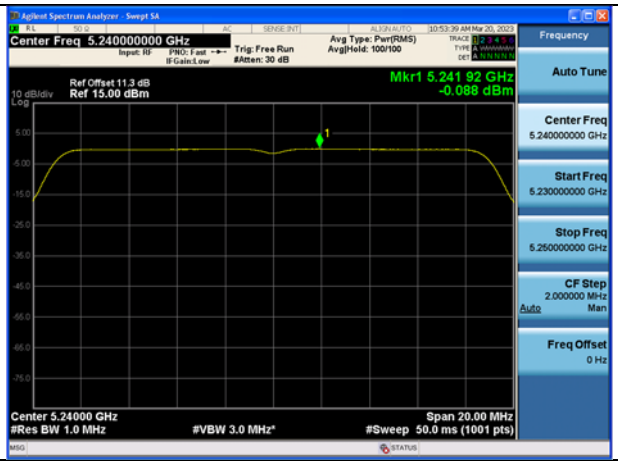
Test Mode: 802.11ac VHT20



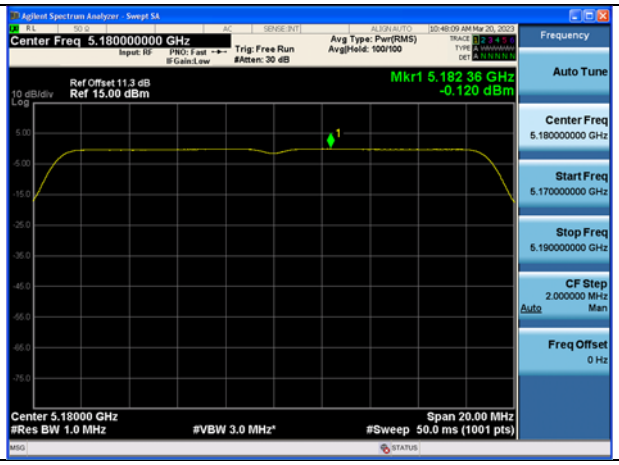
Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Chain0



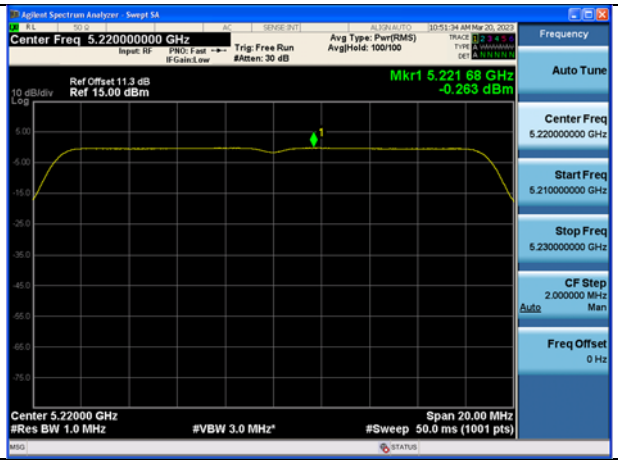
Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Chain0



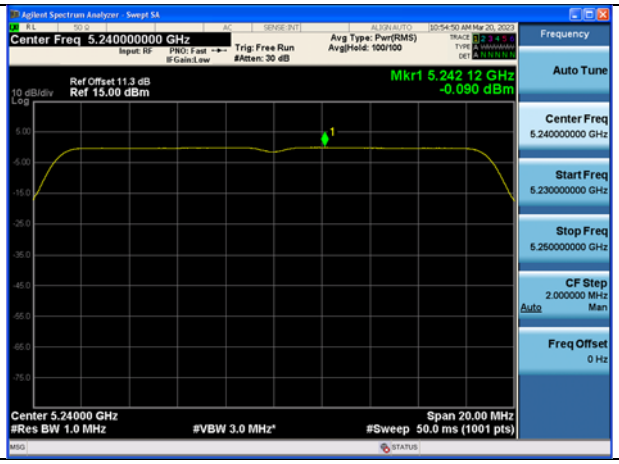
Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Chain1

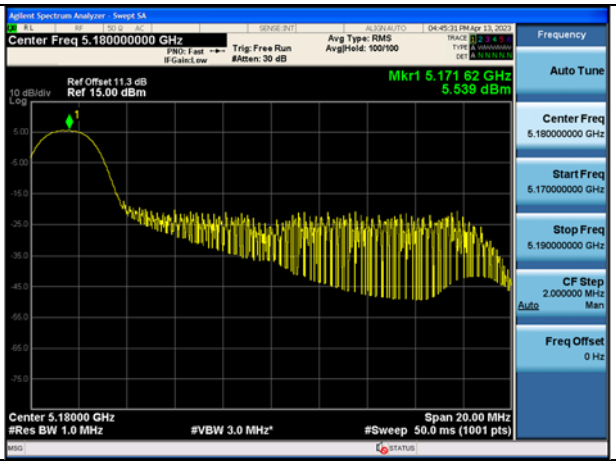


Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Chain1

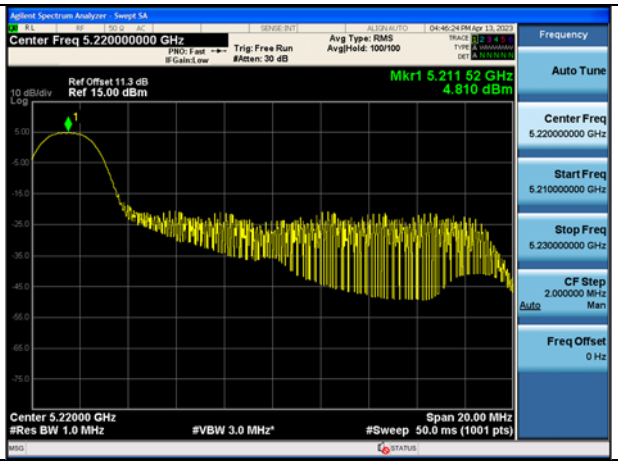


Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Chain1

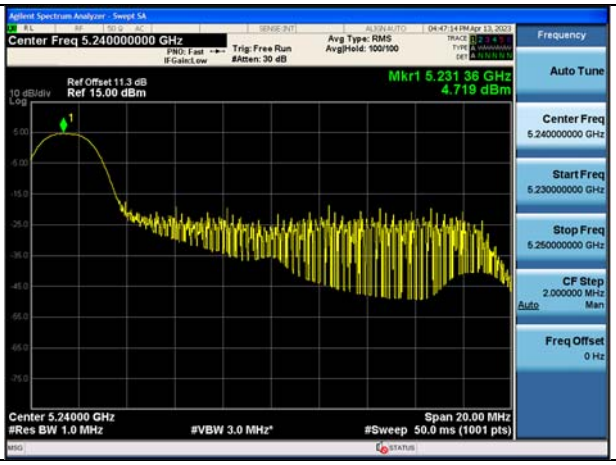
Test Mode: 802.11ax HE20



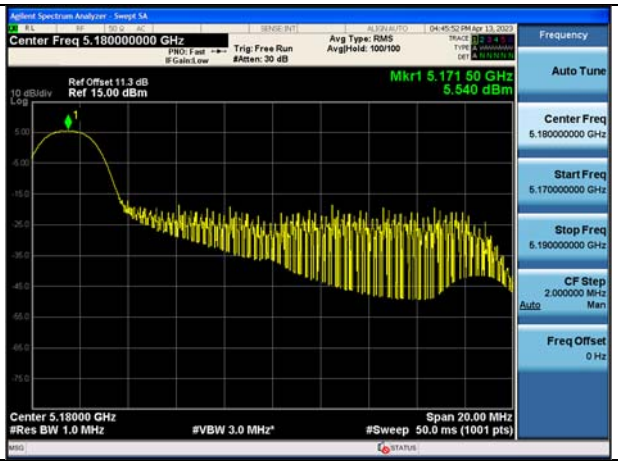
Mode:802.11ax HE20 Tone:26T Frequency:5180MHz
Ant:Chain0



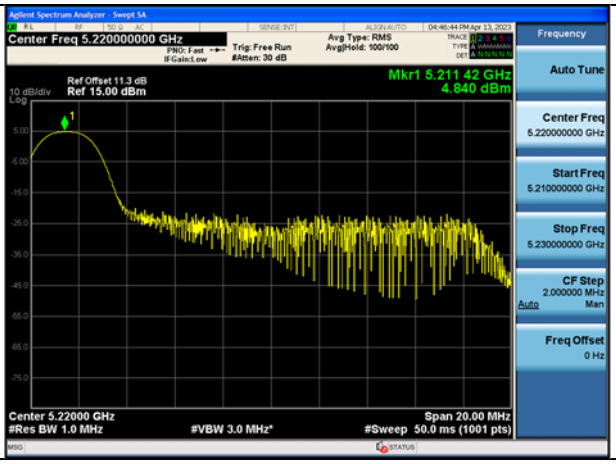
Mode:802.11ax HE20 Tone:26T Frequency:5220MHz
Ant:Chain0



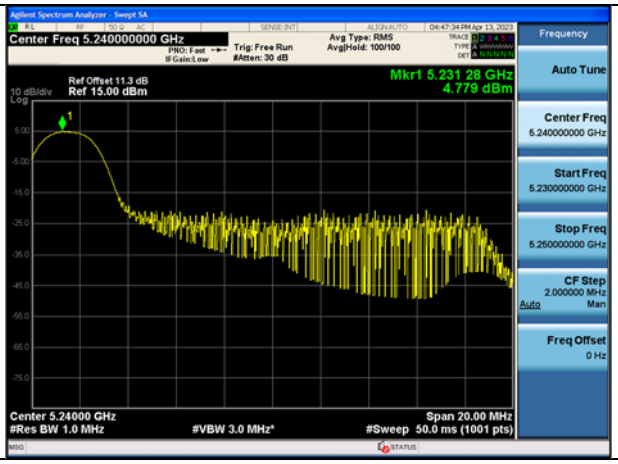
Mode:802.11ax HE20 Tone:26T Frequency:5240MHz
Ant:Chain0



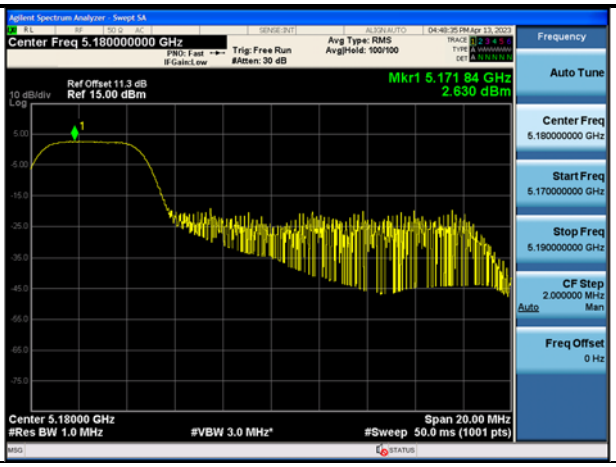
Mode:802.11ax HE20 Tone:26T Frequency:5180MHz
Ant:Chain1



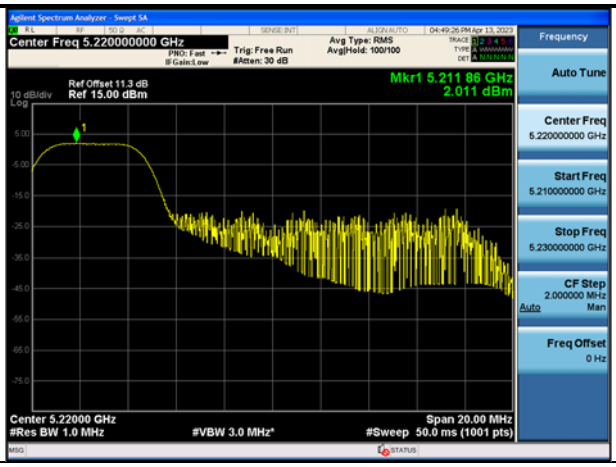
Mode:802.11ax HE20 Tone:26T Frequency:5220MHz
Ant:Chain1



Mode:802.11ax HE20 Tone:26T Frequency:5240MHz
Ant:Chain1

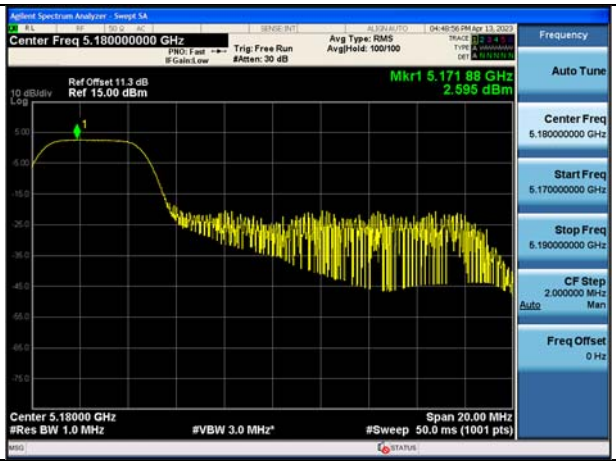


Mode:802.11ax HE20 Tone:52T Frequency:5180MHz
Ant:Chain0

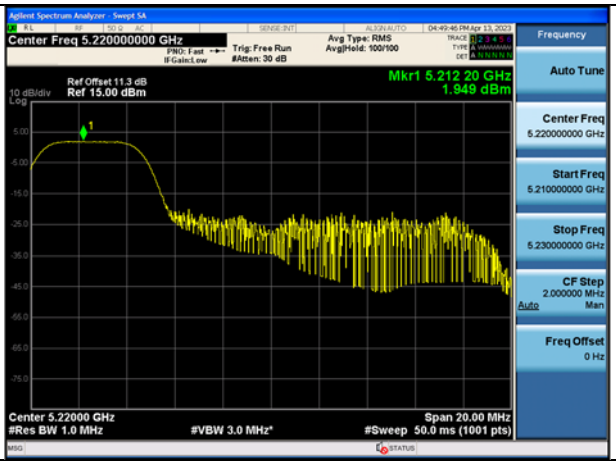


Mode:802.11ax HE20 Tone:52T Frequency:5220MHz
Ant:Chain0

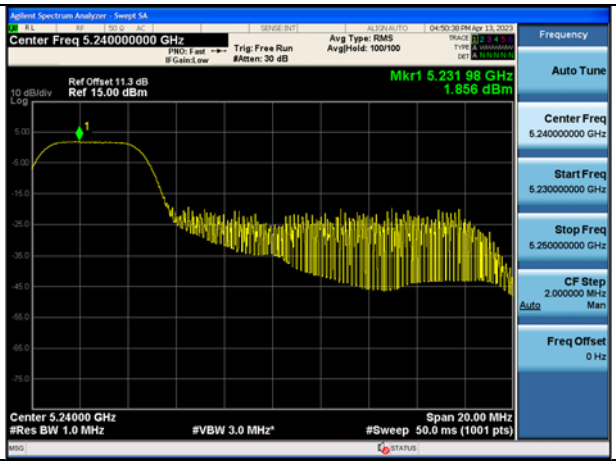
Mode:802.11ax HE20 Tone:52T Frequency:5240MHz
Ant:Chain0



Mode:802.11ax HE20 Tone:52T Frequency:5180MHz
Ant:Chain1



Mode:802.11ax HE20 Tone:52T Frequency:5220MHz
Ant:Chain1



Mode:802.11ax HE20 Tone:52T Frequency:5240MHz
Ant:Chain1