Test Mode: 802.11n HT40
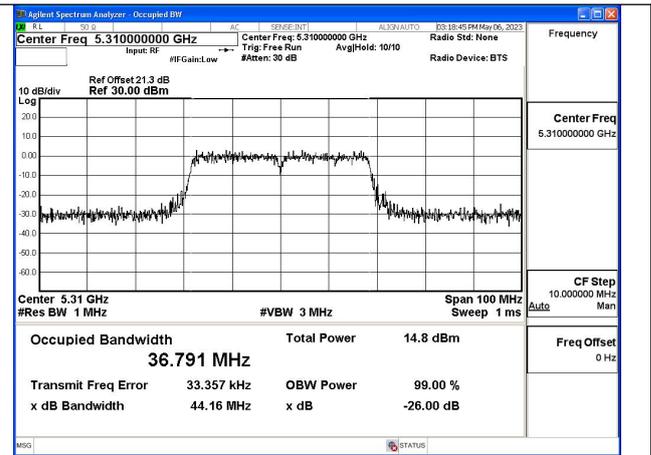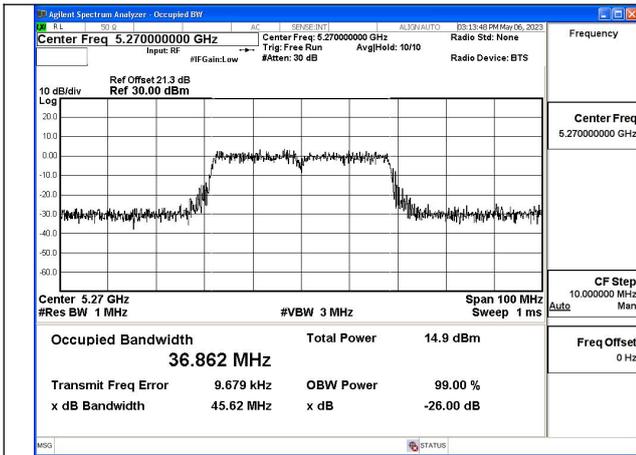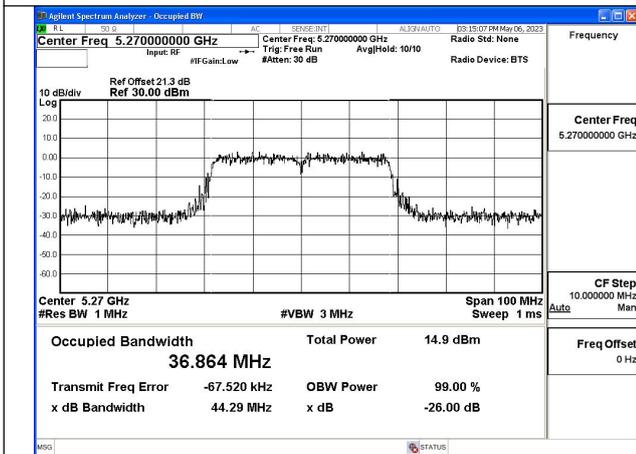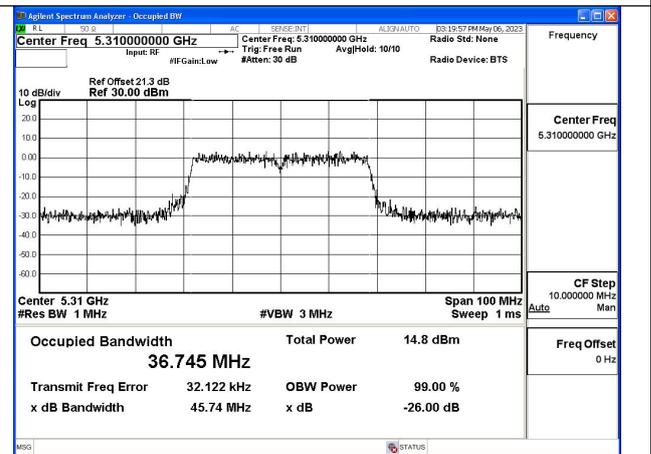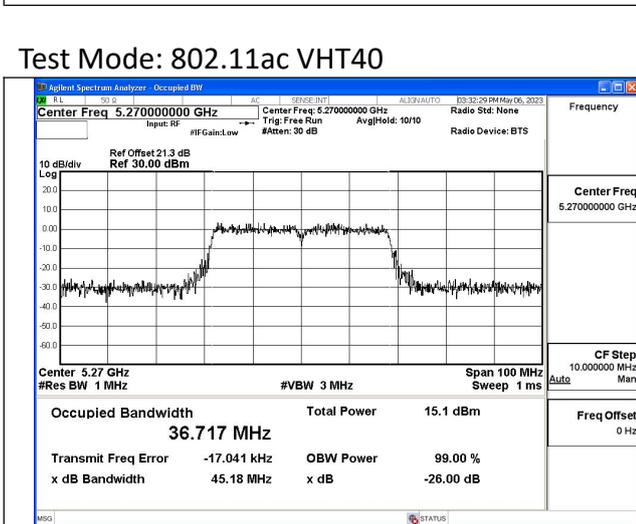

Test Mode:802.11n HT40 5270MHz Chain0

Test Mode:802.11n HT40 5310MHz Chain0

Test Mode:802.11n HT40 5270MHz Chain1

Test Mode:802.11n HT40 5310MHz Chain1

Test Mode: 802.11ac VHT40

Test Mode:802.11ac VHT40 5270MHz Chain0
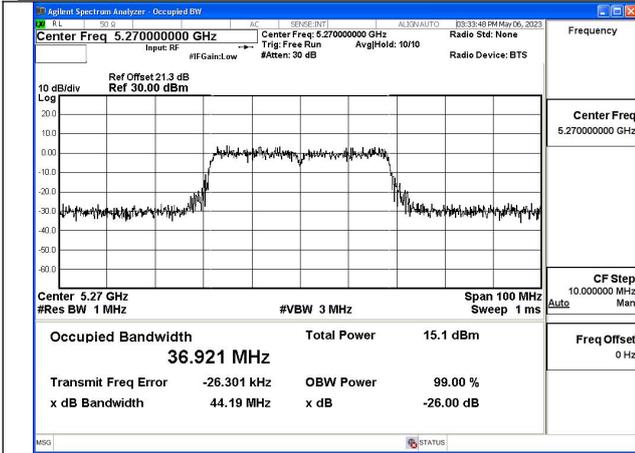
Test Mode:802.11ac VHT40 5310MHz Chain0

| Test Mode:802.11ac VHT40 5270MHz Chain1 | Test Mode:802.11ac VHT40 5310MHz Chain1 |

Test Mode: 802.11ax HE40

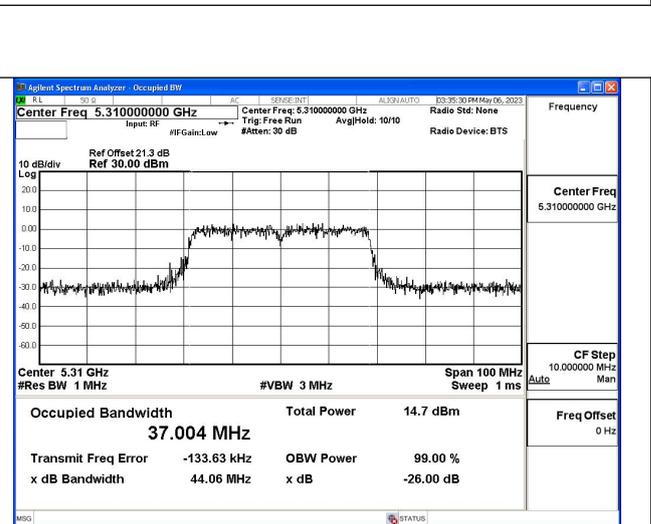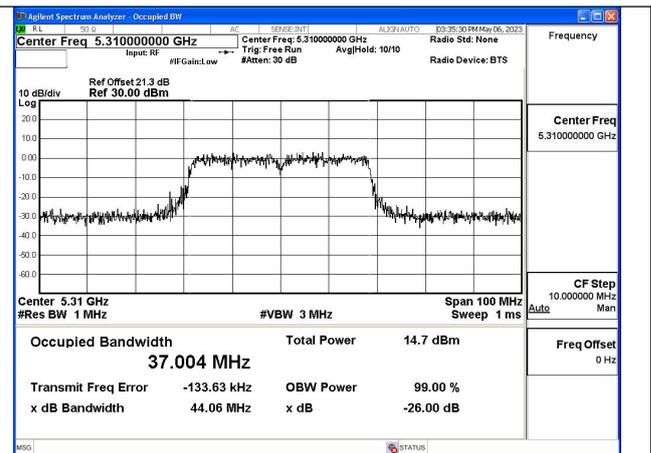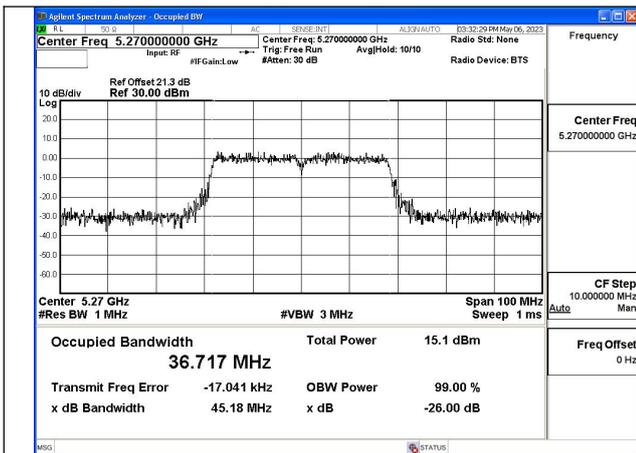| Test Mode:802.11ax HE40 5270MHz Chain0 | Test Mode:802.11ax HE40 5310MHz Chain0 |

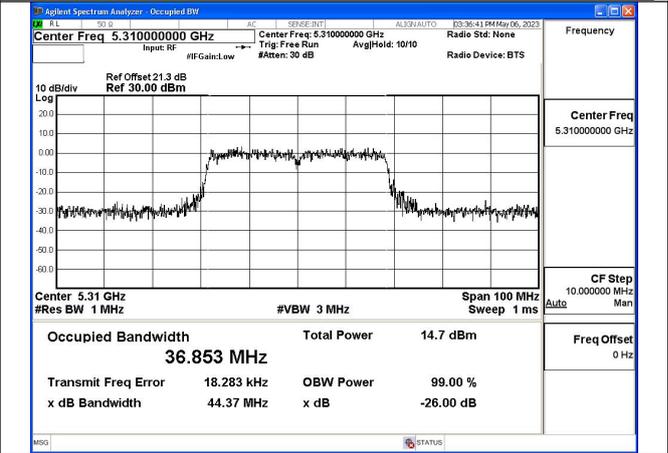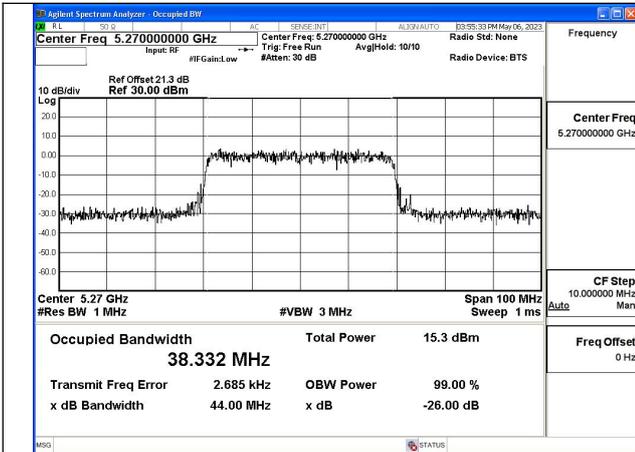| Test Mode:802.11ax HE40 5270MHz Chain1 | Test Mode:802.11ax HE40 5310MHz Chain1 |

Test Mode: 802.11ac VHT80

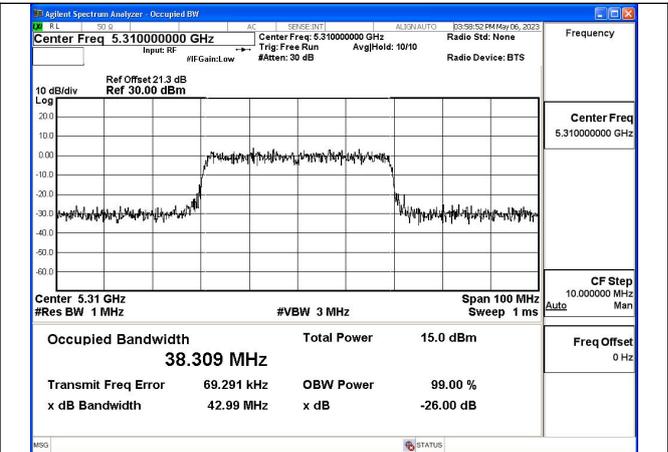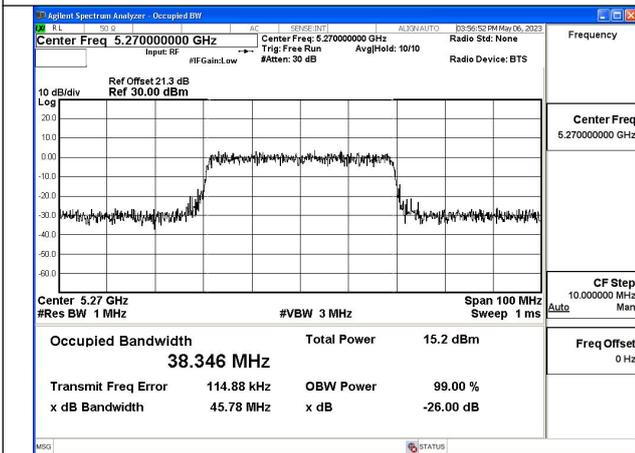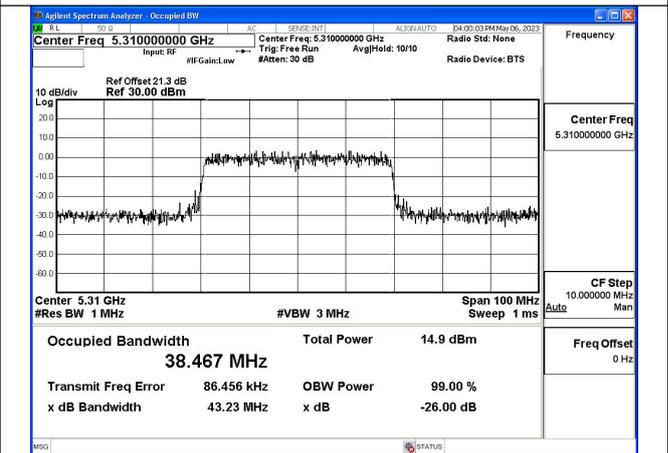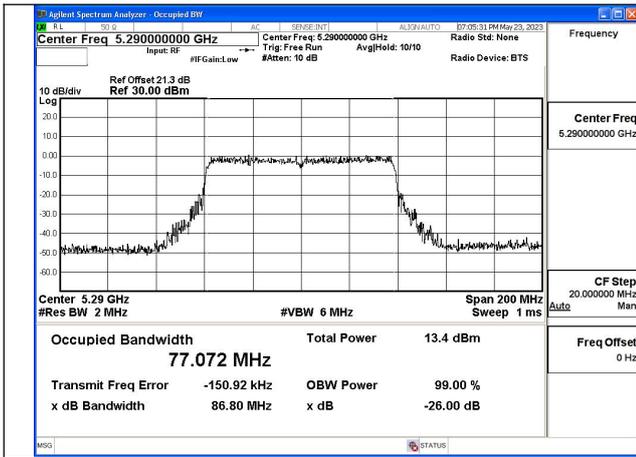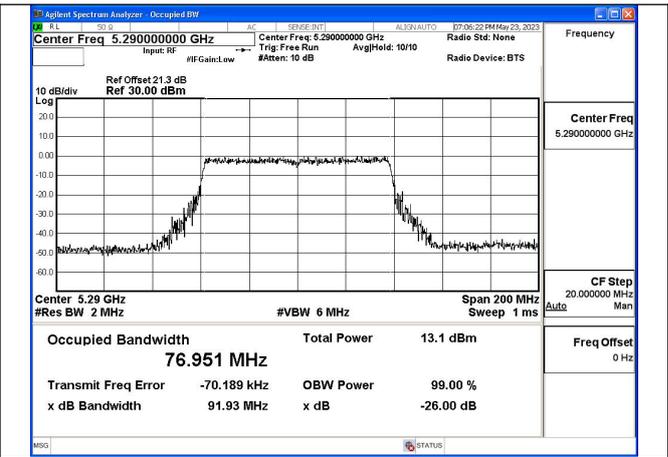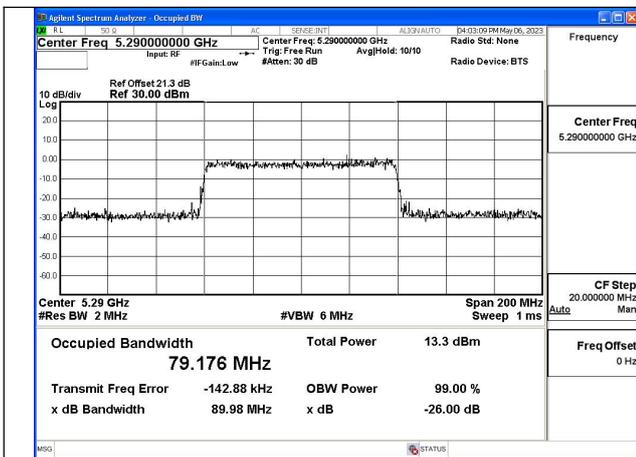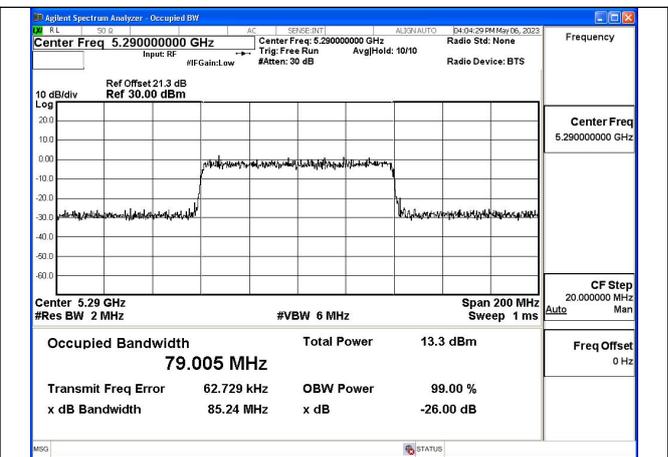| Test Mode:802.11ac VHT80 5290MHz Chain0 | Test Mode:802.11ac VHT80 5290MHz Chain1 |

Test Mode: 802.11ax HE80

| Test Mode:802.11ax HE80 5290MHz Chain0 | Test Mode:802.11ax HE80 5290MHz Chain1 |

Transmitter Power Spectral Density

Offset 21.3dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Tones	5260MHz		5280MHz		5320MHz	
			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	-1.024	---	-1.124	---	-1.108
802.11a	Chain1	NA	---	-1.058	---	-1.118	---	-1.106
802.11n HT20	Chain0	NA	0	-1.394	---	-1.446	---	-1.361
802.11n HT20	Chain1	NA	---	-1.382	---	-1.415	---	-1.383
802.11n HT20	MIMO	NA	---	1.622	---	1.580	---	1.638
802.11ac VHT20	Chain0	NA	0	-1.348	---	-1.399	---	-1.354
802.11ac VHT20	Chain1	NA	---	-1.368	---	-1.395	---	-1.337
802.11ac VHT20	MIMO	NA	---	1.652	---	1.613	---	1.665
802.11ax HE20	Chain0	26T	0	3.784	---	3.674	---	3.771
802.11ax HE20	Chain1	26T	---	3.838	---	3.742	---	3.690
802.11ax HE20	MIMO	26T	---	6.821	---	6.718	---	6.741
802.11ax HE20	Chain0	52T	0	0.924	---	0.946	---	0.907
802.11ax HE20	Chain1	52T	---	1.017	---	0.896	---	0.904
802.11ax HE20	MIMO	52T	---	3.981	---	3.931	---	3.916
802.11ax HE20	Chain0	106T	0	-2.711	---	-2.784	---	-2.803
802.11ax HE20	Chain1	106T	---	-2.746	---	-2.827	---	-2.851
802.11ax HE20	MIMO	106T	---	0.282	---	0.205	---	0.183
802.11ax HE20	Chain0	242T	0	-1.604	---	-1.678	---	-1.576
802.11ax HE20	Chain1	242T	---	-1.598	---	-1.679	---	-1.570
802.11ax HE20	MIMO	242T	---	1.409	---	1.332	---	1.437

| Test Mode | Antenna | Tones | 5270MHz | | --- | | 5310MHz | |
			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	-4.260	---	---	---	-4.532
802.11n HT40	Chain1	NA	---	-4.273	---	---	---	-4.555
802.11n HT40	MIMO	NA	---	-1.256	---	---	---	-1.533
802.11ac VHT40	Chain0	NA	0	-4.244	---	---	---	-4.558
802.11ac VHT40	Chain1	NA	---	-4.215	---	---	---	-4.565
802.11ac VHT40	MIMO	NA	---	-1.219	---	---	---	-1.551
802.11ax HE40	Chain0	26T	0	3.084	---	---	---	2.658
802.11ax HE40	Chain1	26T	---	3.078	---	---	---	2.645
802.11ax HE40	MIMO	26T	---	6.091	---	---	---	5.662
802.11ax HE40	Chain0	52T	0	0.283	---	---	---	0.016
802.11ax HE40	Chain1	52T	---	0.355	---	---	---	-0.013
802.11ax HE40	MIMO	52T	---	3.329	---	---	---	3.012
802.11ax HE40	Chain0	106T	0	-2.868	---	---	---	-3.212
802.11ax HE40	Chain1	106T	---	-2.879	---	---	---	-3.192
802.11ax HE40	MIMO	106T	---	0.137	---	---	---	-0.192
802.11ax HE40	Chain0	242T	0	-6.498	---	---	---	-6.804
802.11ax HE40	Chain1	242T	---	-6.457	---	---	---	-6.853
802.11ax HE40	MIMO	242T	---	-3.467	---	---	---	-3.818
802.11ax HE40	Chain0	484T	0	-4.533	---	---	---	-4.809
802.11ax HE40	Chain1	484T	---	-4.536	---	---	---	-4.809
802.11ax HE40	MIMO	484T	---	-1.524	---	---	---	-1.799

| Test Mode | Antenna | Tones | 5290MHz | | --- | | --- | |
			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	-7.588	---	---	---	---
802.11ac VHT80	Chain1	NA	---	-7.602	---	---	---	---
802.11ac VHT80	MIMO	NA	---	-4.585	---	---	---	---
802.11ax HE80	Chain0	26T	0	2.647	---	---	---	---
802.11ax HE80	Chain1	26T	---	2.483	---	---	---	---
802.11ax HE80	MIMO	26T	---	5.576	---	---	---	---
802.11ax HE80	Chain0	52T	0	-0.077	---	---	---	---
802.11ax HE80	Chain1	52T	---	-0.076	---	---	---	---
802.11ax HE80	MIMO	52T	---	2.934	---	---	---	---
802.11ax HE80	Chain0	106T	0	-3.016	---	---	---	---
802.11ax HE80	Chain1	106T	---	-3.010	---	---	---	---
802.11ax HE80	MIMO	106T	---	-0.003	---	---	---	---
802.11ax HE80	Chain0	242T	0	-6.753	---	---	---	---
802.11ax HE80	Chain1	242T	---	-6.756	---	---	---	---
802.11ax HE80	MIMO	242T	---	-3.744	---	---	---	---
802.11ax HE80	Chain0	484T	0	-9.713	---	---	---	---
802.11ax HE80	Chain1	484T	---	-9.723	---	---	---	---
802.11ax HE80	MIMO	484T	---	-6.708	---	---	---	---
802.11ax HE80	Chain0	996T	0	-7.490	---	---	---	---
802.11ax HE80	Chain1	996T	---	-7.503	---	---	---	---
802.11ax HE80	MIMO	996T	---	-4.486	---	---	---	---

Test Mode: 802.11a
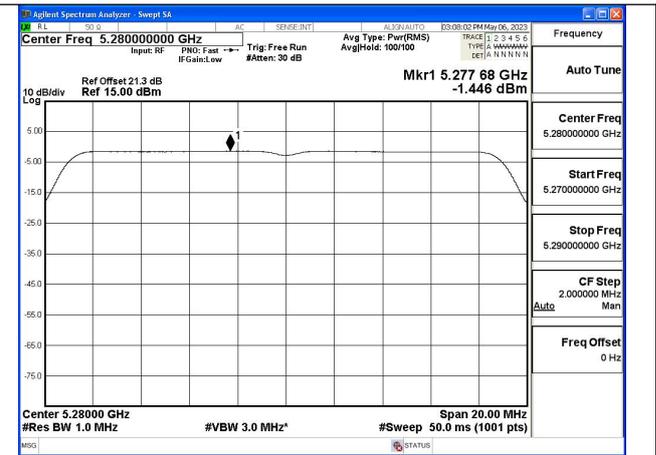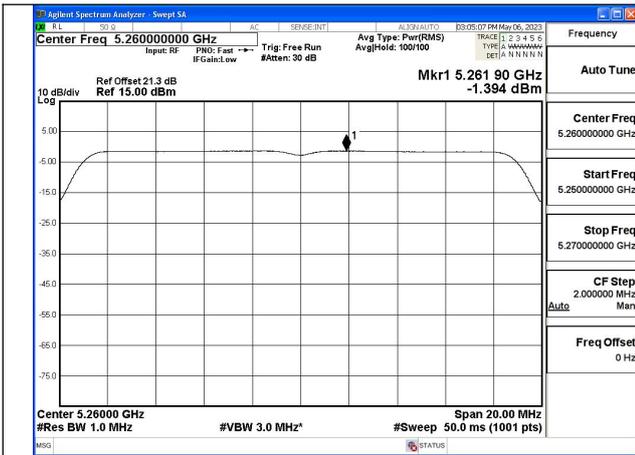
Mode:802.11a Frequency:5260MHz Ant:Chain0

Mode:802.11a Frequency:5280MHz Ant:Chain0

Mode:802.11a Frequency:5320MHz Ant:Chain0

Mode:802.11a Frequency:5260MHz Ant:Chain1
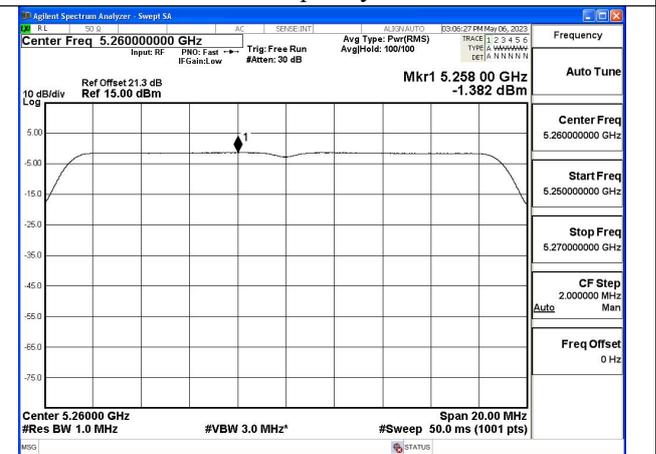

Mode:802.11a Frequency:5280MHz Ant:Chain1
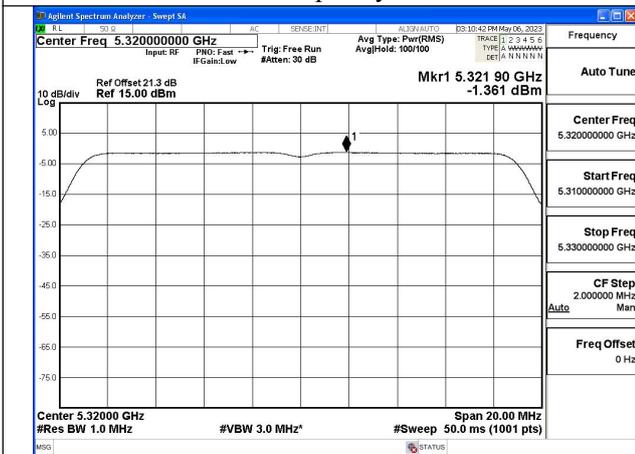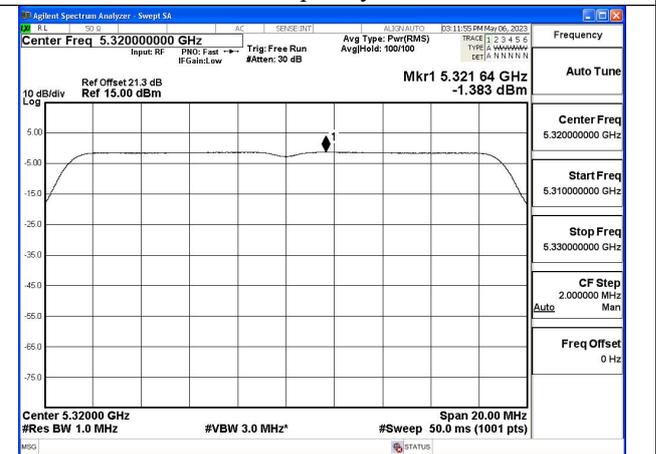

Mode:802.11a Frequency:5320MHz Ant:Chain1

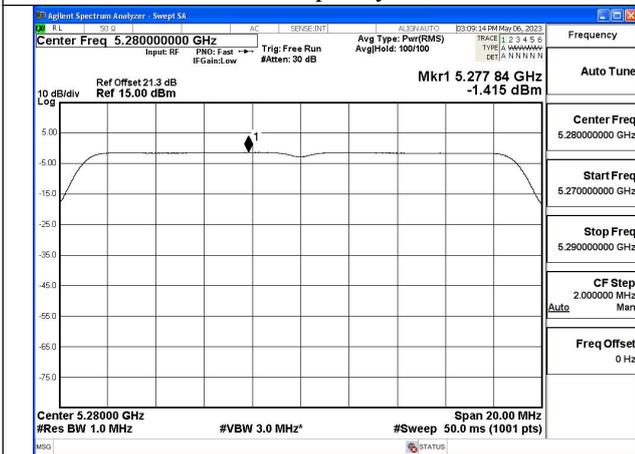## Test Mode: 802.11n HT20

Mode:802.11n HT20 Frequency:5260MHz Ant:Chain0

Mode:802.11n HT20 Frequency:5280MHz Ant:Chain0

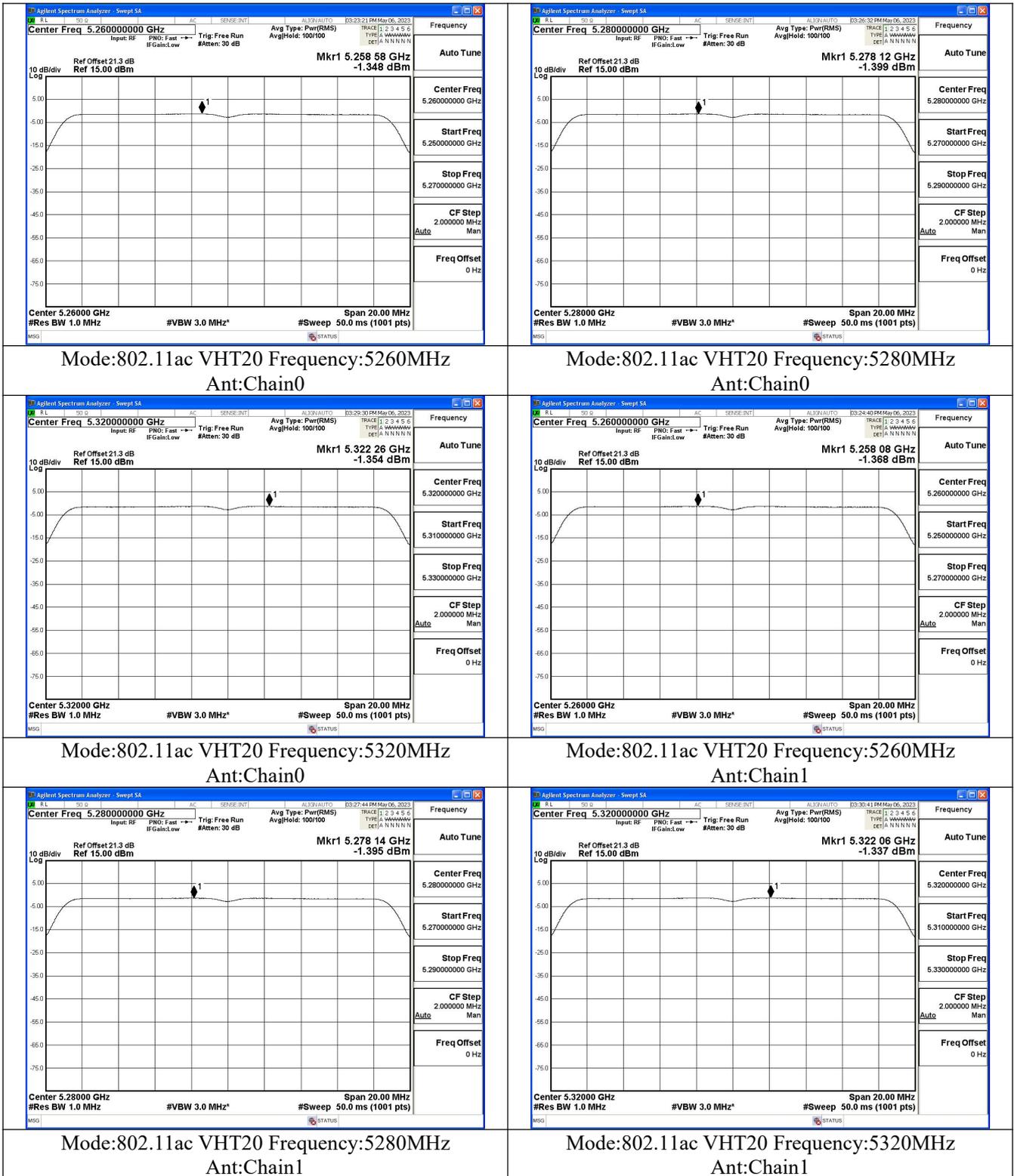Mode:802.11n HT20 Frequency:5320MHz Ant:Chain0

Mode:802.11n HT20 Frequency:5260MHz Ant:Chain1

Mode:802.11n HT20 Frequency:5280MHz Ant:Chain1

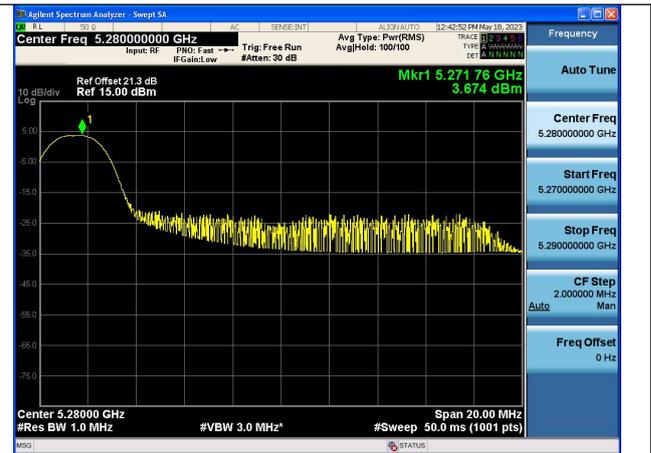Mode:802.11n HT20 Frequency:5320MHz Ant:Chain1
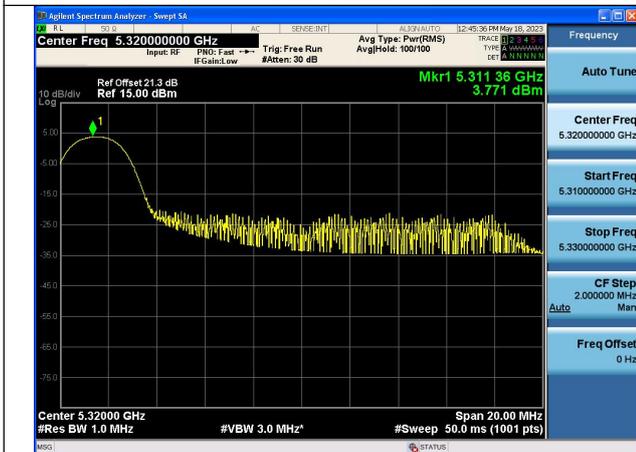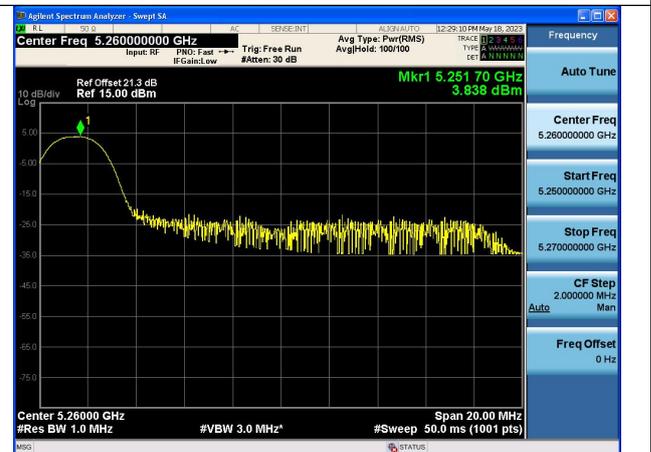
Test Mode: 802.11ac VHT20

Mode:802.11ac VHT20 Frequency:5260MHz Ant:Chain0	Mode:802.11ac VHT20 Frequency:5280MHz Ant:Chain0
Mode:802.11ac VHT20 Frequency:5320MHz Ant:Chain0	Mode:802.11ac VHT20 Frequency:5260MHz Ant:Chain1
Mode:802.11ac VHT20 Frequency:5280MHz Ant:Chain1	Mode:802.11ac VHT20 Frequency:5320MHz Ant:Chain1

Test Mode: 802.11ax HE20

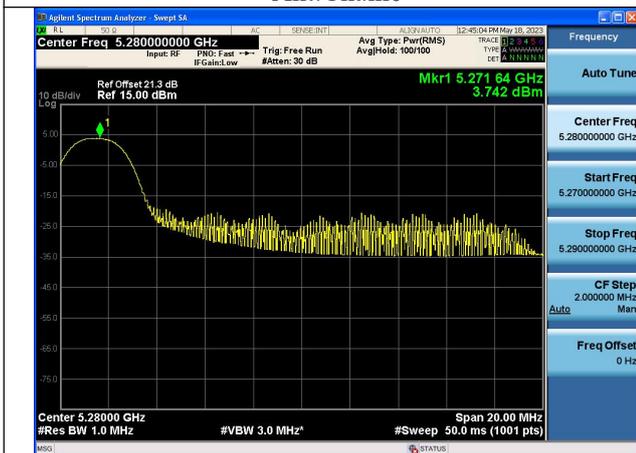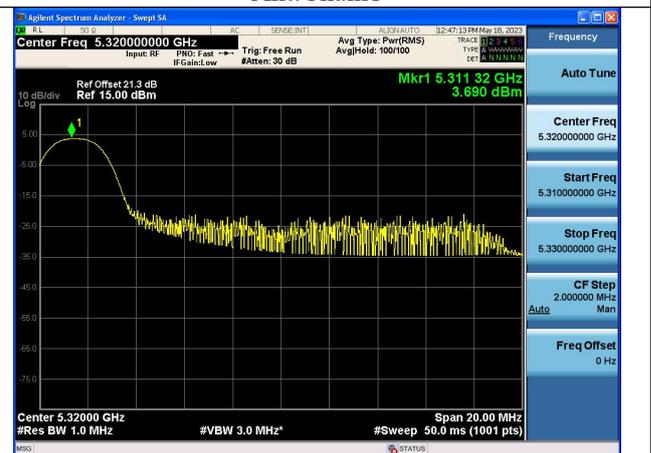|	
Mode:802.11ax HE20 Tone:26T Frequency:5260MHz Ant:Chain0	Mode:802.11ax HE20 Tone:26T Frequency:5280MHz Ant:Chain0
Mode:802.11ax HE20 Tone:26T Frequency:5320MHz Ant:Chain0	Mode:802.11ax HE20 Tone:26T Frequency:5260MHz Ant:Chain1
Mode:802.11ax HE20 Tone:26T Frequency:5280MHz Ant:Chain1	Mode:802.11ax HE20 Tone:26T Frequency:5320MHz Ant:Chain1