

**APPENDIX A – TEST DATA OF CONDUCTED EMISSION****Duty Cycle**

Test Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)	Plot
802.11a	5260	89.57%	0.48	Fig.1
802.11a	5260	89.46%	0.48	Fig.2
802.11n HT20	5260	89.27%	0.49	Fig.3
802.11n HT20	5260	89.10%	0.50	Fig.4
802.11ac VHT20	5260	90.00%	0.46	Fig.5
802.11ac VHT20	5260	88.62%	0.52	Fig.6
802.11ax HE20	5260	78.70%	1.04	Fig.7
802.11ax HE20	5260	78.89%	1.03	Fig.8
802.11n HT40	5270	83.90%	0.76	Fig.9
802.11n HT40	5270	84.00%	0.76	Fig.10
802.11ac VHT40	5270	84.27%	0.74	Fig.11
802.11ac VHT40	5270	83.46%	0.79	Fig.12
802.11ax HE40	5270	78.38%	1.06	Fig.13
802.11ax HE40	5270	78.61%	1.05	Fig.14
802.11ac VHT80	5290	78.62%	1.04	Fig.15
802.11ac VHT80	5290	78.24%	1.07	Fig.16
802.11ax HE80	5290	77.74%	1.09	Fig.17
802.11ax HE80	5290	77.80%	1.09	Fig.18

Note: Correction Factor=10*log (1/Duty Cycle)

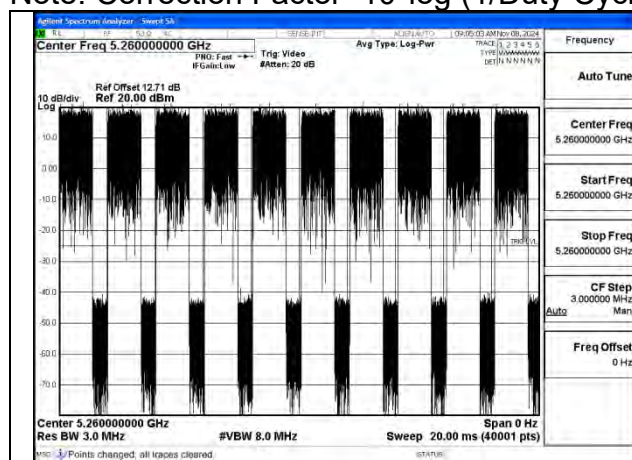


Fig.1

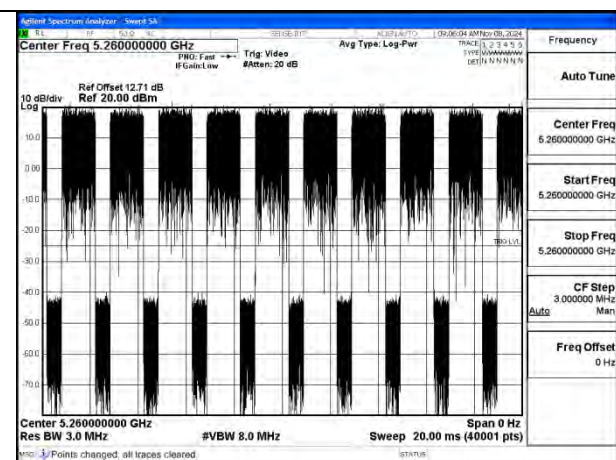


Fig.2

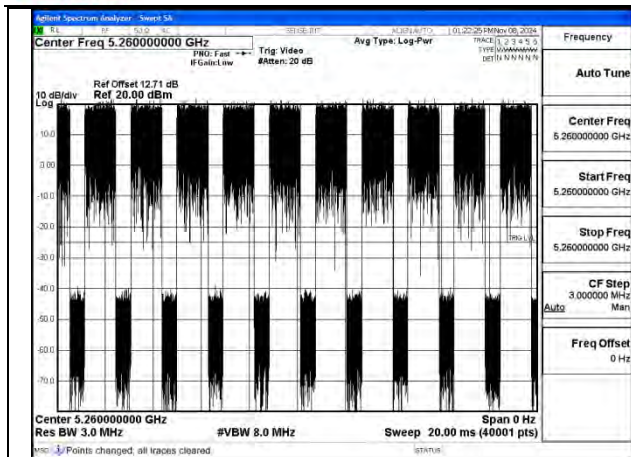


Fig.3

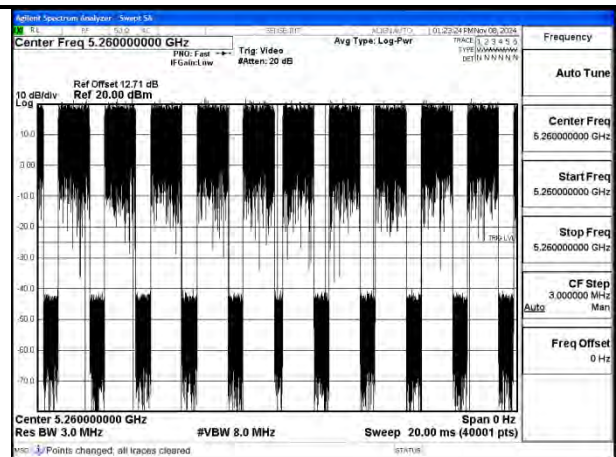


Fig.4

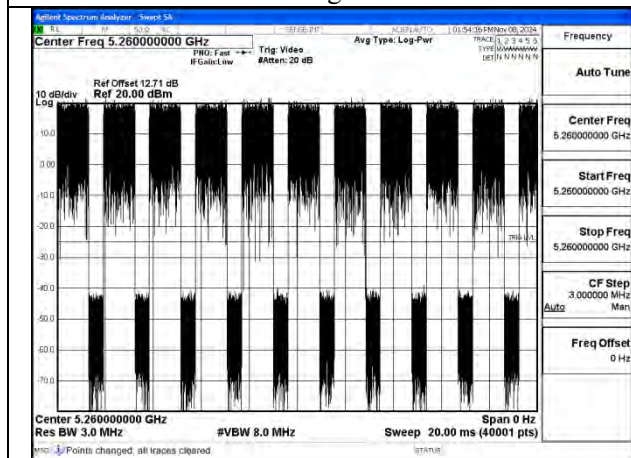


Fig.5

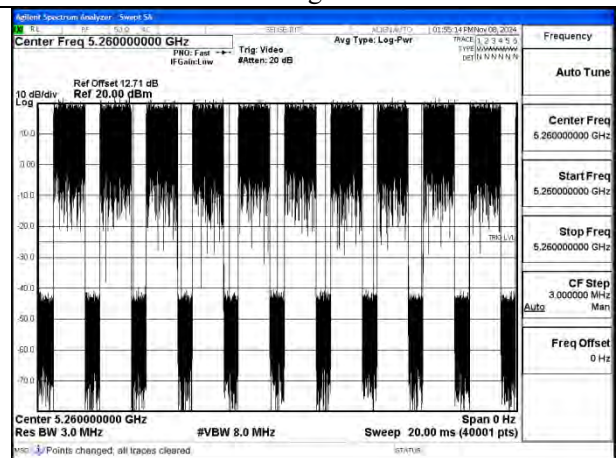


Fig.6

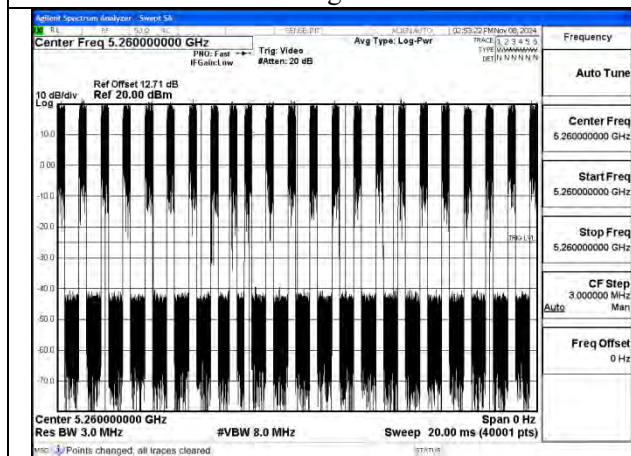


Fig.7

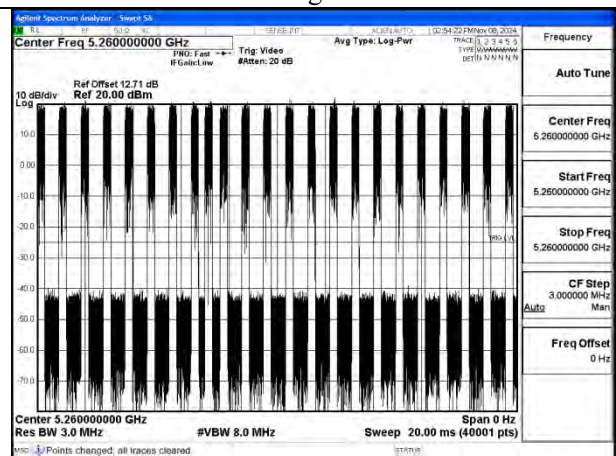


Fig.8

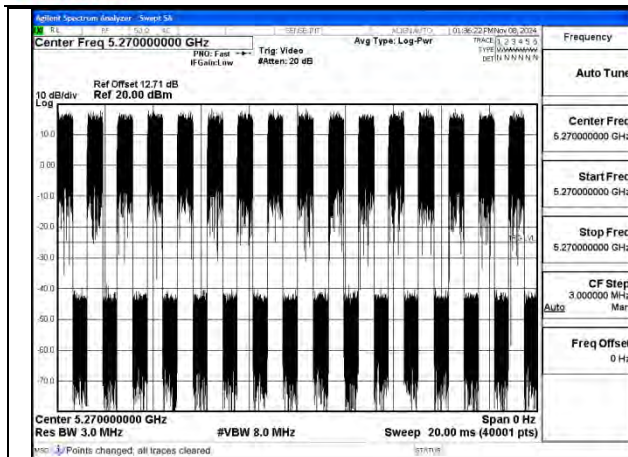


Fig.9

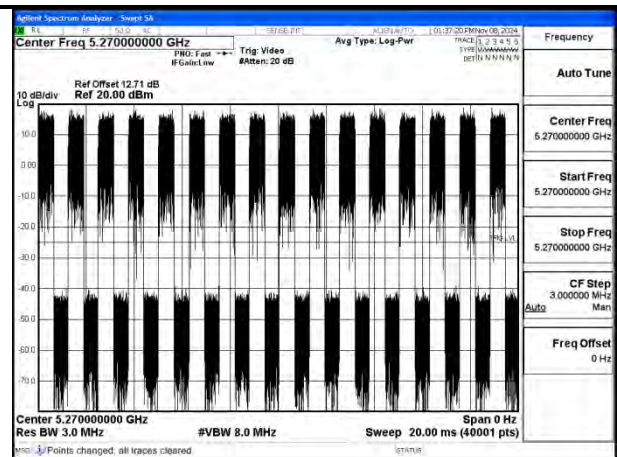


Fig.10

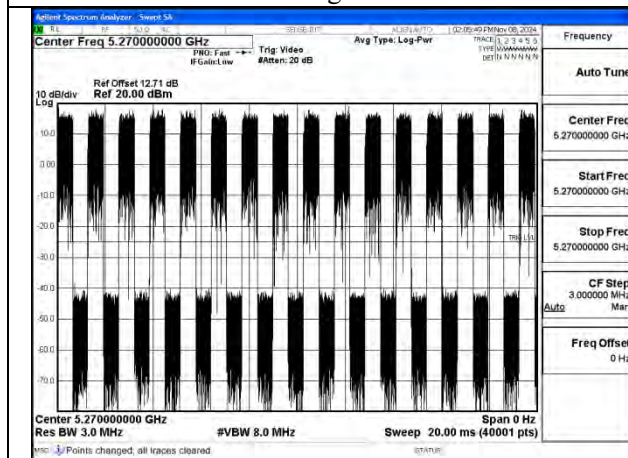


Fig.11

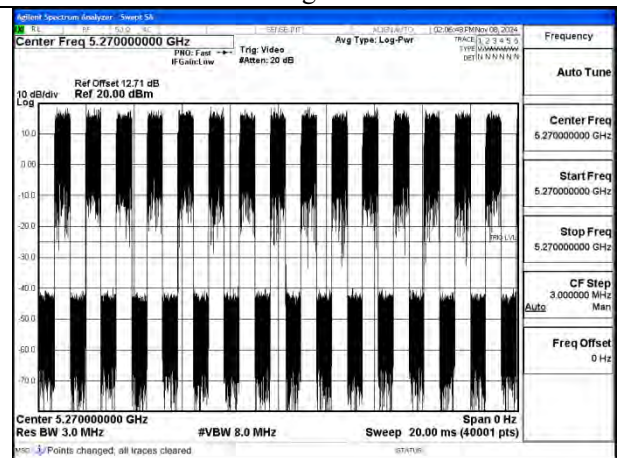


Fig.12

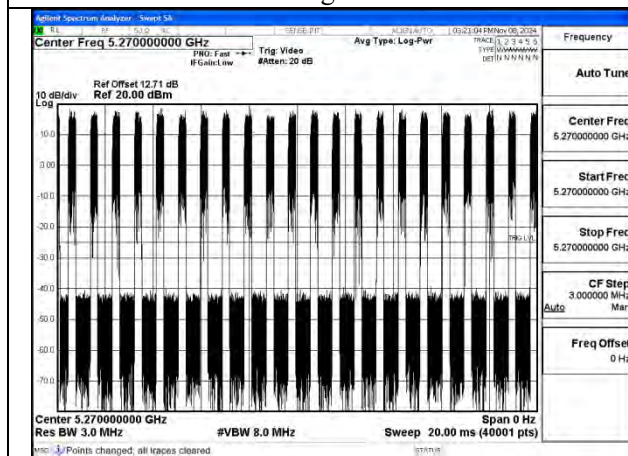


Fig.13

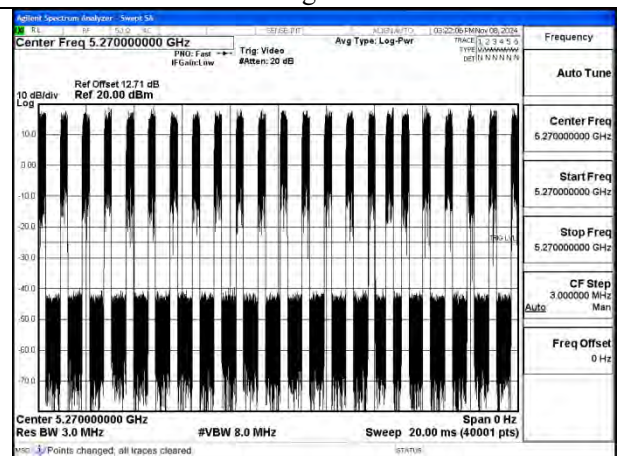


Fig.14

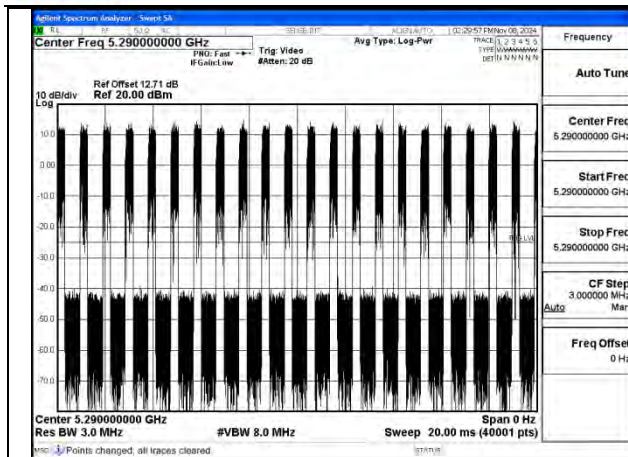


Fig.15

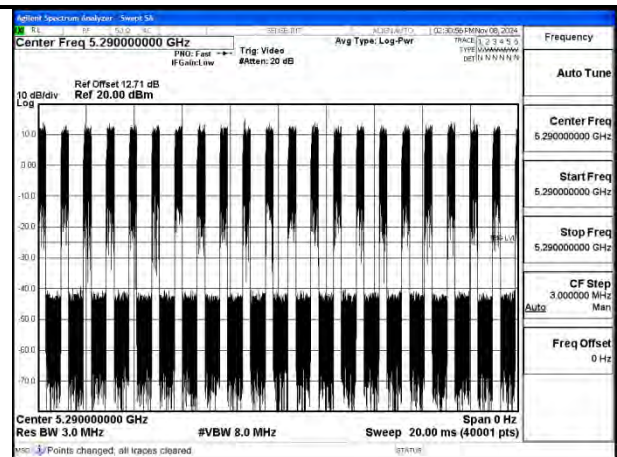


Fig.16

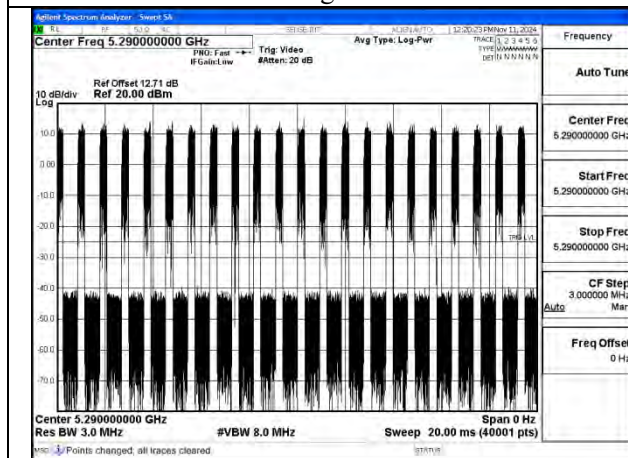


Fig.17

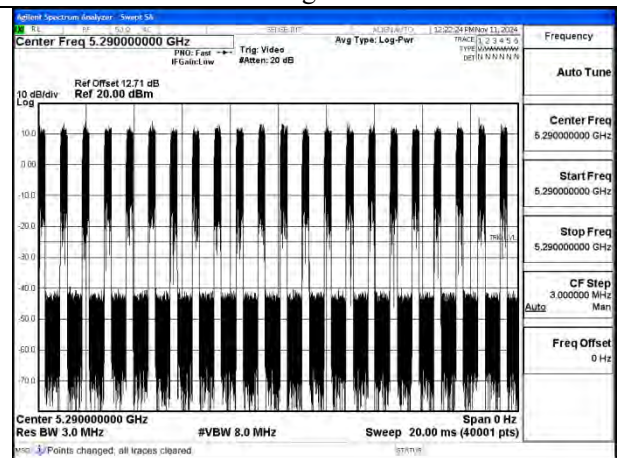


Fig.18

**Output Power**

Mode	Tones/ RUIndex	Frequency (MHz)	Antenna	Conductedaverage power output(dBm)	EIRP (dBm)
802.11a	NA	5260	Chain0	15.33	19.73
802.11a	NA	5260	Chain1	15.41	18.94
802.11a	NA	5280	Chain0	15.42	19.82
802.11a	NA	5280	Chain1	15.45	18.98
802.11a	NA	5320	Chain0	15.52	19.92
802.11a	NA	5320	Chain1	15.48	19.01
802.11n HT20	NA	5260	Chain0	14.35	18.75
802.11n HT20	NA	5260	Chain1	14.32	17.85
802.11n HT20	NA	5260	MIMO	17.35	21.34
802.11n HT20	NA	5280	Chain0	14.32	18.72
802.11n HT20	NA	5280	Chain1	14.32	17.85
802.11n HT20	NA	5280	MIMO	17.33	21.32
802.11n HT20	NA	5320	Chain0	14.43	18.83
802.11n HT20	NA	5320	Chain1	14.43	17.96
802.11n HT20	NA	5320	MIMO	17.44	21.43
802.11ac VHT20	NA	5260	Chain0	14.31	18.71
802.11ac VHT20	NA	5260	Chain1	14.27	17.80
802.11ac VHT20	NA	5260	MIMO	17.30	21.29
802.11ac VHT20	NA	5280	Chain0	14.31	18.71
802.11ac VHT20	NA	5280	Chain1	14.32	17.85
802.11ac VHT20	NA	5280	MIMO	17.33	21.32
802.11ac VHT20	NA	5320	Chain0	14.44	18.84
802.11ac VHT20	NA	5320	Chain1	14.42	17.95
802.11ac VHT20	NA	5320	MIMO	17.44	21.43
802.11n HT40	NA	5270	Chain0	13.67	18.07
802.11n HT40	NA	5270	Chain1	13.67	17.20
802.11n HT40	NA	5270	MIMO	16.68	20.67
802.11n HT40	NA	5310	Chain0	13.61	18.01
802.11n HT40	NA	5310	Chain1	13.61	17.14
802.11n HT40	NA	5310	MIMO	16.62	20.61
802.11ac VHT40	NA	5270	Chain0	13.53	17.93
802.11ac VHT40	NA	5270	Chain1	13.50	17.03
802.11ac VHT40	NA	5270	MIMO	16.53	20.52
802.11ac VHT40	NA	5310	Chain0	13.58	17.98
802.11ac VHT40	NA	5310	Chain1	13.56	17.09
802.11ac VHT40	NA	5310	MIMO	16.58	20.57
802.11ac VHT80	NA	5290	Chain0	13.34	17.74
802.11ac VHT80	NA	5290	Chain1	13.43	16.96
802.11ac VHT80	NA	5290	MIMO	16.40	20.39

Mode	Tones/ RUIndex	Frequency (MHz)	Antenna	Conductedaverage power output(dBm)	EIRP (dBm)
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802.11ax HE20	26T 0	5260	Chain0	13.42	17.82
802.11ax HE20	26T 0	5260	Chain1	13.42	16.95
802.11ax HE20	26T 0	5260	MIMO	16.43	20.42
802.11ax HE20	26T 0	5280	Chain0	13.57	17.97
802.11ax HE20	26T 0	5280	Chain1	13.64	17.17
802.11ax HE20	26T 0	5280	MIMO	16.62	20.61
802.11ax HE20	26T 0	5320	Chain0	13.72	18.12
802.11ax HE20	26T 0	5320	Chain1	13.67	17.20
802.11ax HE20	26T 0	5320	MIMO	16.71	20.70
802.11ax HE20	26T 4	5260	Chain0	13.44	17.84
802.11ax HE20	26T 4	5260	Chain1	13.40	16.93
802.11ax HE20	26T 4	5260	MIMO	16.43	20.42
802.11ax HE20	26T 4	5280	Chain0	13.70	18.10
802.11ax HE20	26T 4	5280	Chain1	13.68	17.21
802.11ax HE20	26T 4	5280	MIMO	16.70	20.69
802.11ax HE20	26T 4	5320	Chain0	13.87	18.27
802.11ax HE20	26T 4	5320	Chain1	13.89	17.42
802.11ax HE20	26T 4	5320	MIMO	16.89	20.88
802.11ax HE20	26T 8	5260	Chain0	13.48	17.88
802.11ax HE20	26T 8	5260	Chain1	13.37	16.90
802.11ax HE20	26T 8	5260	MIMO	16.44	20.43
802.11ax HE20	26T 8	5280	Chain0	13.74	18.14
802.11ax HE20	26T 8	5280	Chain1	13.76	17.29
802.11ax HE20	26T 8	5280	MIMO	16.76	20.75
802.11ax HE20	26T 8	5320	Chain0	13.84	18.24
802.11ax HE20	26T 8	5320	Chain1	13.83	17.36
802.11ax HE20	26T 8	5320	MIMO	16.85	20.84
802.11ax HE20	52T 37	5260	Chain0	12.45	16.85
802.11ax HE20	52T 37	5260	Chain1	12.84	16.37
802.11ax HE20	52T 37	5260	MIMO	15.66	19.65
802.11ax HE20	52T 37	5280	Chain0	13.30	17.70
802.11ax HE20	52T 37	5280	Chain1	13.40	16.93
802.11ax HE20	52T 37	5280	MIMO	16.36	20.35
802.11ax HE20	52T 37	5320	Chain0	13.50	17.90
802.11ax HE20	52T 37	5320	Chain1	13.45	16.98
802.11ax HE20	52T 37	5320	MIMO	16.49	20.48
802.11ax HE20	52T 39	5260	Chain0	13.33	17.73
802.11ax HE20	52T 39	5260	Chain1	13.31	16.84
802.11ax HE20	52T 39	5260	MIMO	16.33	20.32
802.11ax HE20	52T 39	5280	Chain0	13.53	17.93
802.11ax HE20	52T 39	5280	Chain1	13.57	17.10
802.11ax HE20	52T 39	5280	MIMO	16.56	20.55
802.11ax HE20	52T 39	5320	Chain0	13.61	18.01
802.11ax HE20	52T 39	5320	Chain1	13.60	17.13
802.11ax HE20	52T 39	5320	MIMO	16.62	20.61
802.11ax HE20	52T 40	5260	Chain0	13.49	17.89



802.11ax HE20	52T 40	5260	Chain1	13.44	16.97
802.11ax HE20	52T 40	5260	MIMO	16.48	20.47
802.11ax HE20	52T 40	5280	Chain0	13.58	17.98
802.11ax HE20	52T 40	5280	Chain1	13.61	17.14
802.11ax HE20	52T 40	5280	MIMO	16.61	20.60
802.11ax HE20	52T 40	5320	Chain0	13.61	18.01
802.11ax HE20	52T 40	5320	Chain1	13.57	17.10
802.11ax HE20	52T 40	5320	MIMO	16.60	20.59
802.11ax HE20	106T 53	5260	Chain0	13.21	17.61
802.11ax HE20	106T 53	5260	Chain1	13.31	16.84
802.11ax HE20	106T 53	5260	MIMO	16.27	20.26
802.11ax HE20	106T 53	5280	Chain0	13.28	17.68
802.11ax HE20	106T 53	5280	Chain1	13.42	16.95
802.11ax HE20	106T 53	5280	MIMO	16.36	20.35
802.11ax HE20	106T 53	5320	Chain0	13.13	17.53
802.11ax HE20	106T 53	5320	Chain1	13.13	16.66
802.11ax HE20	106T 53	5320	MIMO	16.14	20.13
802.11ax HE20	106T 54	5260	Chain0	13.51	17.91
802.11ax HE20	106T 54	5260	Chain1	13.43	16.96
802.11ax HE20	106T 54	5260	MIMO	16.48	20.47
802.11ax HE20	106T 54	5280	Chain0	13.45	17.85
802.11ax HE20	106T 54	5280	Chain1	13.55	17.08
802.11ax HE20	106T 54	5280	MIMO	16.51	20.50
802.11ax HE20	106T 54	5320	Chain0	13.48	17.88
802.11ax HE20	106T 54	5320	Chain1	13.45	16.98
802.11ax HE20	106T 54	5320	MIMO	16.48	20.47
802.11ax HE20	242T 61	5260	Chain0	13.65	18.05
802.11ax HE20	242T 61	5260	Chain1	13.68	17.21
802.11ax HE20	242T 61	5260	MIMO	16.68	20.67
802.11ax HE20	242T 61	5280	Chain0	13.70	18.10
802.11ax HE20	242T 61	5280	Chain1	13.73	17.26
802.11ax HE20	242T 61	5280	MIMO	16.73	20.72
802.11ax HE20	242T 61	5320	Chain0	13.72	18.12
802.11ax HE20	242T 61	5320	Chain1	13.82	17.35
802.11ax HE20	242T 61	5320	MIMO	16.78	20.77
802.11ax HE40	26T 0	5270	Chain0	12.27	16.67
802.11ax HE40	26T 0	5270	Chain1	12.34	15.87
802.11ax HE40	26T 0	5270	MIMO	15.32	19.31
802.11ax HE40	26T 0	5310	Chain0	12.56	16.96
802.11ax HE40	26T 0	5310	Chain1	12.67	16.20
802.11ax HE40	26T 0	5310	MIMO	15.63	19.62
802.11ax HE40	26T 10	5270	Chain0	12.98	17.38
802.11ax HE40	26T 10	5270	Chain1	12.86	16.39
802.11ax HE40	26T 10	5270	MIMO	15.93	19.92
802.11ax HE40	26T 10	5310	Chain0	13.20	17.60
802.11ax HE40	26T 10	5310	Chain1	13.18	16.71



802.11ax HE40	26T 10	5310	MIMO	16.20	20.19
802.11ax HE40	26T 17	5270	Chain0	12.77	17.17
802.11ax HE40	26T 17	5270	Chain1	12.83	16.36
802.11ax HE40	26T 17	5270	MIMO	15.81	19.80
802.11ax HE40	26T 17	5310	Chain0	12.88	17.28
802.11ax HE40	26T 17	5310	Chain1	12.89	16.42
802.11ax HE40	26T 17	5310	MIMO	15.90	19.89
802.11ax HE40	52T 37	5270	Chain0	12.39	16.79
802.11ax HE40	52T 37	5270	Chain1	12.38	15.91
802.11ax HE40	52T 37	5270	MIMO	15.40	19.39
802.11ax HE40	52T 37	5310	Chain0	12.49	16.89
802.11ax HE40	52T 37	5310	Chain1	12.50	16.03
802.11ax HE40	52T 37	5310	MIMO	15.51	19.50
802.11ax HE40	52T 41	5270	Chain0	12.69	17.09
802.11ax HE40	52T 41	5270	Chain1	12.71	16.24
802.11ax HE40	52T 41	5270	MIMO	15.71	19.70
802.11ax HE40	52T 41	5310	Chain0	12.99	17.39
802.11ax HE40	52T 41	5310	Chain1	12.99	16.52
802.11ax HE40	52T 41	5310	MIMO	16.00	19.99
802.11ax HE40	52T 44	5270	Chain0	12.33	16.73
802.11ax HE40	52T 44	5270	Chain1	12.31	15.84
802.11ax HE40	52T 44	5270	MIMO	15.33	19.32
802.11ax HE40	52T 44	5310	Chain0	12.50	16.90
802.11ax HE40	52T 44	5310	Chain1	12.43	15.96
802.11ax HE40	52T 44	5310	MIMO	15.48	19.47
802.11ax HE40	106T 53	5270	Chain0	11.92	16.32
802.11ax HE40	106T 53	5270	Chain1	11.99	15.52
802.11ax HE40	106T 53	5270	MIMO	14.97	18.96
802.11ax HE40	106T 53	5310	Chain0	12.12	16.52
802.11ax HE40	106T 53	5310	Chain1	12.09	15.62
802.11ax HE40	106T 53	5310	MIMO	15.12	19.11
802.11ax HE40	106T 55	5270	Chain0	12.24	16.64
802.11ax HE40	106T 55	5270	Chain1	12.19	15.72
802.11ax HE40	106T 55	5270	MIMO	15.23	19.22
802.11ax HE40	106T 55	5310	Chain0	12.44	16.84
802.11ax HE40	106T 55	5310	Chain1	12.38	15.91
802.11ax HE40	106T 55	5310	MIMO	15.42	19.41
802.11ax HE40	106T 56	5270	Chain0	12.16	16.56
802.11ax HE40	106T 56	5270	Chain1	12.16	15.69
802.11ax HE40	106T 56	5270	MIMO	15.17	19.16
802.11ax HE40	106T 56	5310	Chain0	12.40	16.80
802.11ax HE40	106T 56	5310	Chain1	12.41	15.94
802.11ax HE40	106T 56	5310	MIMO	15.42	19.41
802.11ax HE40	242T 61	5270	Chain0	11.84	16.24
802.11ax HE40	242T 61	5270	Chain1	11.84	15.37
802.11ax HE40	242T 61	5270	MIMO	14.85	18.84



802.11ax HE40	242T 61	5310	Chain0	12.00	16.40
802.11ax HE40	242T 61	5310	Chain1	11.96	15.49
802.11ax HE40	242T 61	5310	MIMO	14.99	18.98
802.11ax HE40	242T 62	5270	Chain0	11.85	16.25
802.11ax HE40	242T 62	5270	Chain1	11.83	15.36
802.11ax HE40	242T 62	5270	MIMO	14.85	18.84
802.11ax HE40	242T 62	5310	Chain0	12.06	16.46
802.11ax HE40	242T 62	5310	Chain1	12.04	15.57
802.11ax HE40	242T 62	5310	MIMO	15.06	19.05
802.11ax HE40	484T 65	5270	Chain0	12.40	16.80
802.11ax HE40	484T 65	5270	Chain1	12.40	15.93
802.11ax HE40	484T 65	5270	MIMO	15.41	19.40
802.11ax HE40	484T 65	5310	Chain0	12.57	16.97
802.11ax HE40	484T 65	5310	Chain1	12.57	16.10
802.11ax HE40	484T 65	5310	MIMO	15.58	19.57
802.11ax HE80	26T 0	5290	Chain0	12.36	16.76
802.11ax HE80	26T 0	5290	Chain1	12.42	15.95
802.11ax HE80	26T 0	5290	MIMO	15.40	19.39
802.11ax HE80	26T 18	5290	Chain0	12.33	16.73
802.11ax HE80	26T 18	5290	Chain1	12.59	16.12
802.11ax HE80	26T 18	5290	MIMO	15.47	19.46
802.11ax HE80	26T 36	5290	Chain0	12.73	17.13
802.11ax HE80	26T 36	5290	Chain1	12.80	16.33
802.11ax HE80	26T 36	5290	MIMO	15.78	19.77
802.11ax HE80	52T 37	5290	Chain0	12.27	16.67
802.11ax HE80	52T 37	5290	Chain1	12.22	15.75
802.11ax HE80	52T 37	5290	MIMO	15.26	19.25
802.11ax HE80	52T 45	5290	Chain0	12.51	16.91
802.11ax HE80	52T 45	5290	Chain1	12.40	15.93
802.11ax HE80	52T 45	5290	MIMO	15.47	19.46
802.11ax HE80	52T 52	5290	Chain0	12.55	16.95
802.11ax HE80	52T 52	5290	Chain1	12.63	16.16
802.11ax HE80	52T 52	5290	MIMO	15.60	19.59
802.11ax HE80	106T 53	5290	Chain0	11.95	16.35
802.11ax HE80	106T 53	5290	Chain1	11.86	15.39
802.11ax HE80	106T 53	5290	MIMO	14.92	18.91
802.11ax HE80	106T 57	5290	Chain0	12.17	16.57
802.11ax HE80	106T 57	5290	Chain1	12.16	15.69
802.11ax HE80	106T 57	5290	MIMO	15.18	19.17
802.11ax HE80	106T 60	5290	Chain0	12.25	16.65
802.11ax HE80	106T 60	5290	Chain1	12.24	15.77
802.11ax HE80	106T 60	5290	MIMO	15.26	19.25
802.11ax HE80	242T 61	5290	Chain0	11.57	15.97
802.11ax HE80	242T 61	5290	Chain1	11.62	15.15
802.11ax HE80	242T 61	5290	MIMO	14.61	18.60
802.11ax HE80	242T 63	5290	Chain0	11.70	16.10



802.11ax HE80	242T 63	5290	Chain1	11.75	15.28
802.11ax HE80	242T 63	5290	MIMO	14.74	18.73
802.11ax HE80	242T 64	5290	Chain0	11.85	16.25
802.11ax HE80	242T 64	5290	Chain1	11.84	15.37
802.11ax HE80	242T 64	5290	MIMO	14.86	18.85
802.11ax HE80	484T 65	5290	Chain0	11.52	15.92
802.11ax HE80	484T 65	5290	Chain1	11.50	15.03
802.11ax HE80	484T 65	5290	MIMO	14.52	18.51
802.11ax HE80	484T 66	5290	Chain0	11.74	16.14
802.11ax HE80	484T 66	5290	Chain1	11.78	15.31
802.11ax HE80	484T 66	5290	MIMO	14.77	18.76
802.11ax HE80	996T 67	5290	Chain0	12.59	16.99
802.11ax HE80	996T 67	5290	Chain1	12.59	16.12
802.11ax HE80	996T 67	5290	MIMO	15.60	19.59

**Emission Bandwidth**

Offset 12.71dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	26dB Bandwidth (MHz)		
		5260MHz	5280MHz	5320MHz
802.11a	Chain0	25.05	25.75	32.56
802.11a	Chain1	25.74	29.40	28.69
802.11n HT20	Chain0	28.39	27.38	29.10
802.11n HT20	Chain1	29.07	27.64	28.07
802.11ac VHT20	Chain0	26.98	29.28	26.66
802.11ac VHT20	Chain1	31.82	30.22	31.52
802.11ax HE20	Chain0	28.98	21.55	24.87
802.11ax HE20	Chain1	27.04	21.98	20.66

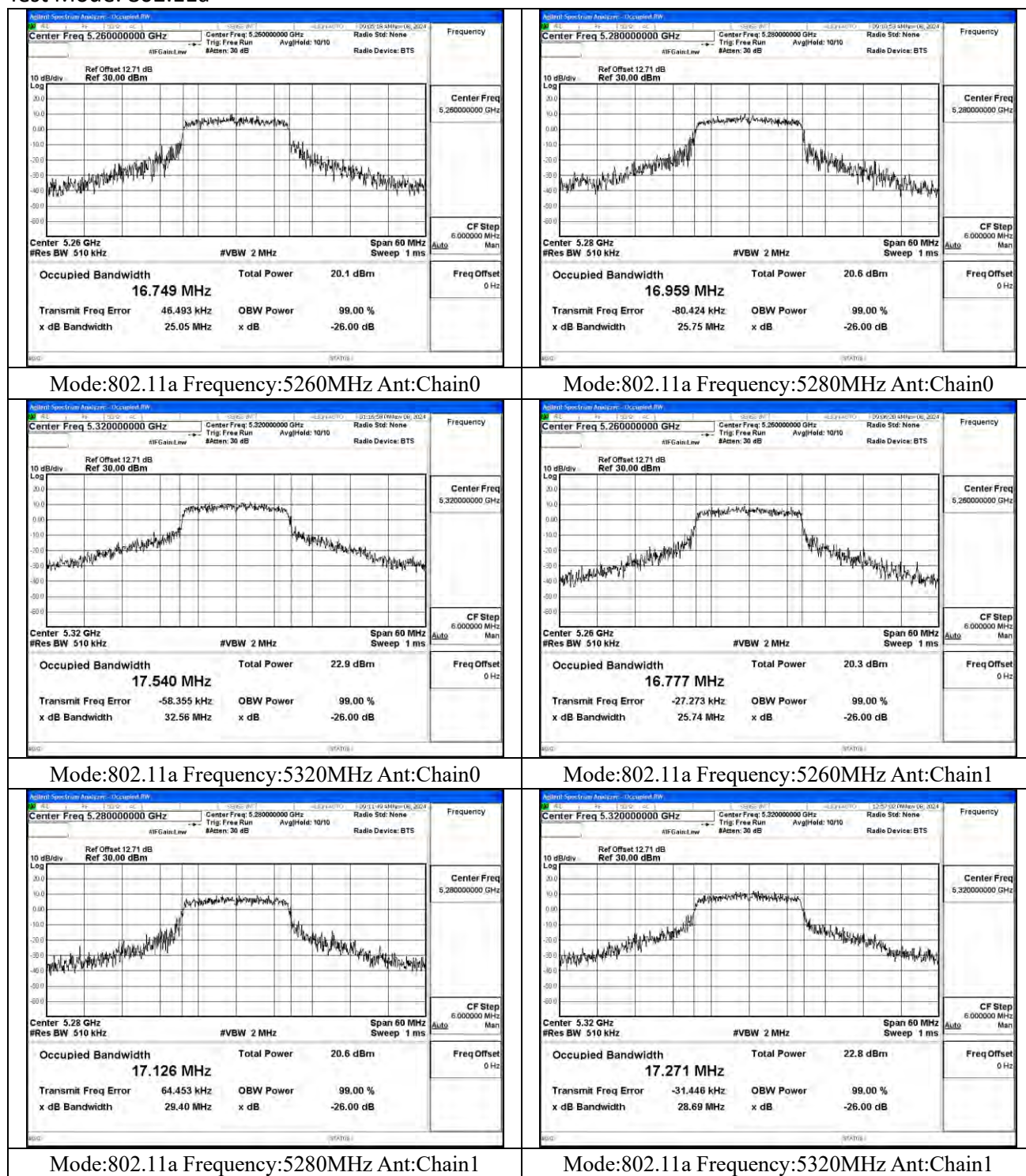
Test Mode	Antenna	26dB Bandwidth (MHz)		
		5270MHz	---	5310MHz
802.11n HT40	Chain0	66.17	---	47.62
802.11n HT40	Chain1	48.78	---	58.45
802.11ac VHT40	Chain0	49.93	---	66.73
802.11ac VHT40	Chain1	58.37	---	47.84
802.11ax HE40	Chain0	49.48	---	46.02
802.11ax HE40	Chain1	46.72	---	47.09

Test Mode	Antenna	26dB Bandwidth (MHz)		
		5290MHz	---	---
802.11ac VHT80	Chain0	86.20	---	---
802.11ac VHT80	Chain1	88.71	---	---

Test Mode	Tones/ RUIndex	Antenna	26dB Bandwidth (MHz)		
			5260MHz	5280MHz	5320MHz
802.11ax HE20	26T 0	Chain0	20.54	20.62	20.23
802.11ax HE20	26T 0	Chain1	20.95	20.83	20.03

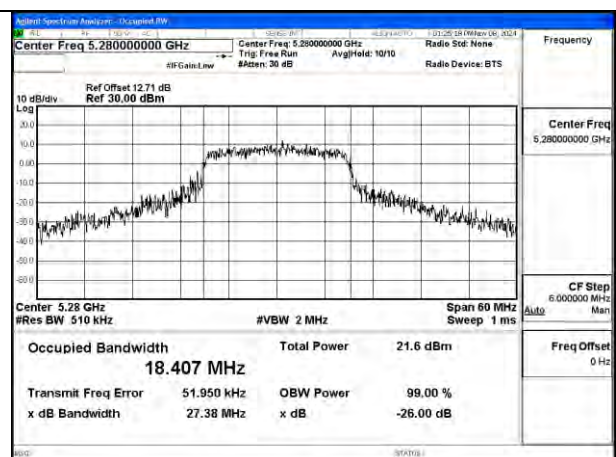
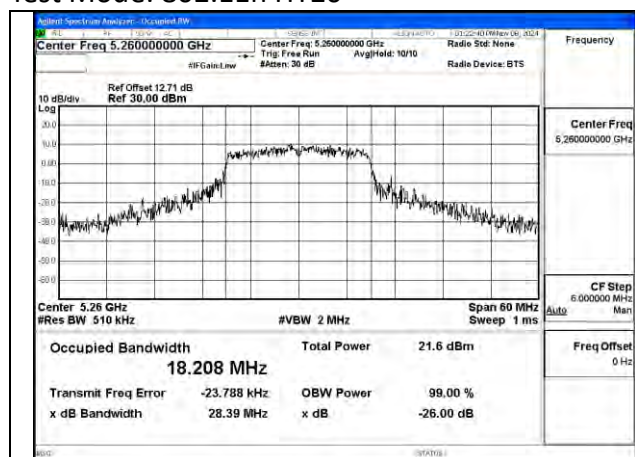


Test Mode: 802.11a



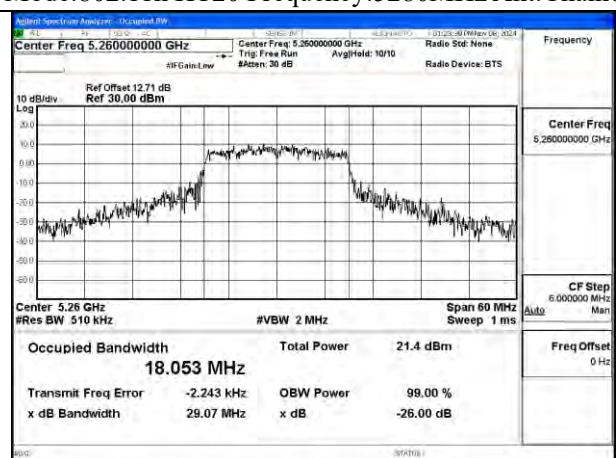
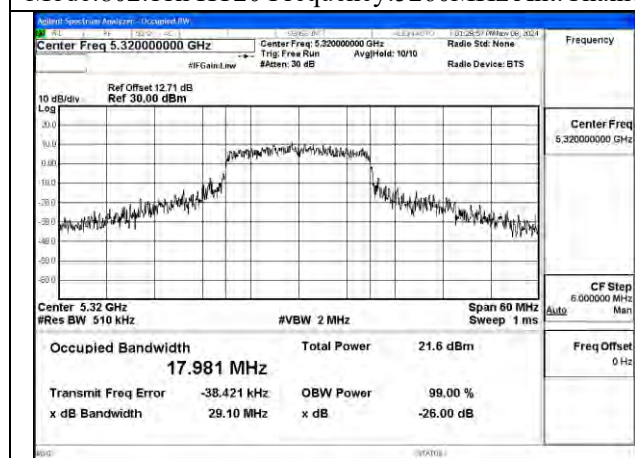


Test Mode: 802.11n HT20



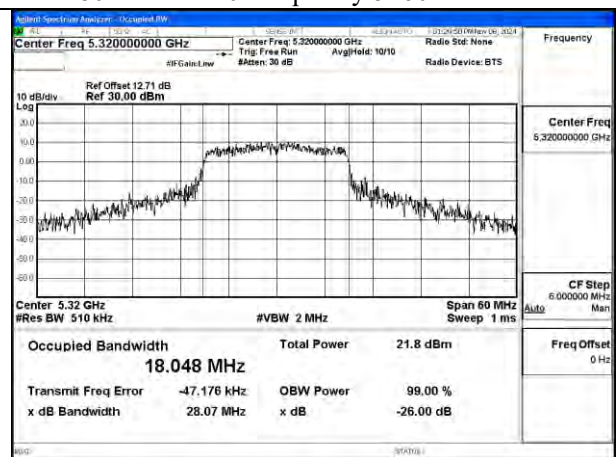
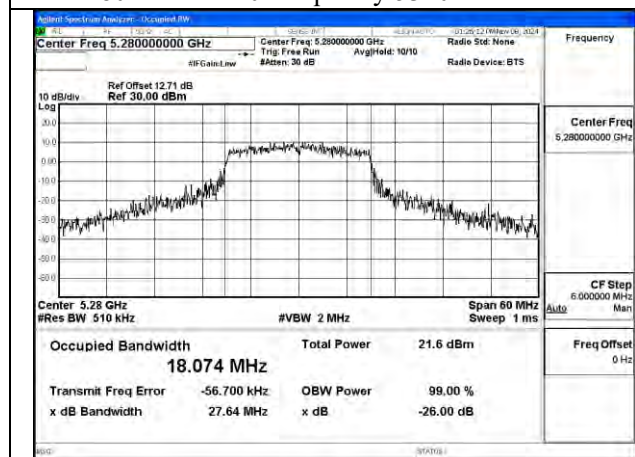
Mode:802.11n HT20 Frequency:5260MHz Ant:Chain0

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



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

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

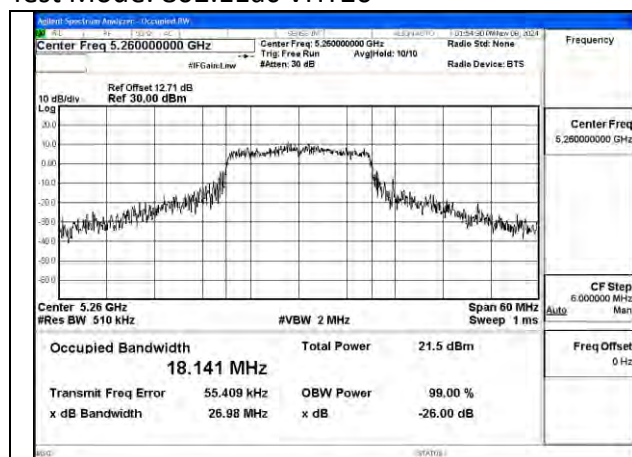


Mode:802.11n HT20 Frequency:5280MHz Ant:Chain1

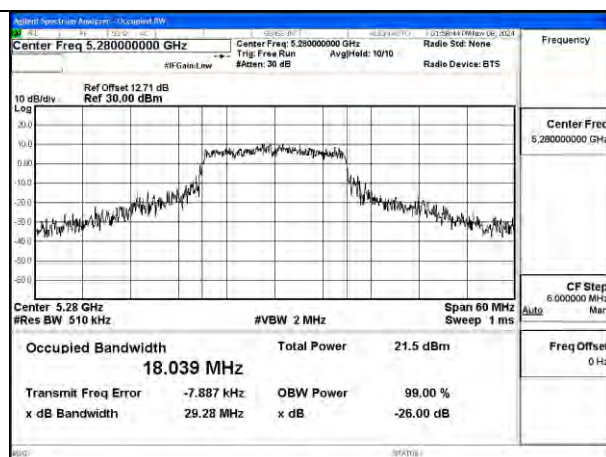
Mode:802.11n HT20 Frequency:5320MHz Ant:Chain1



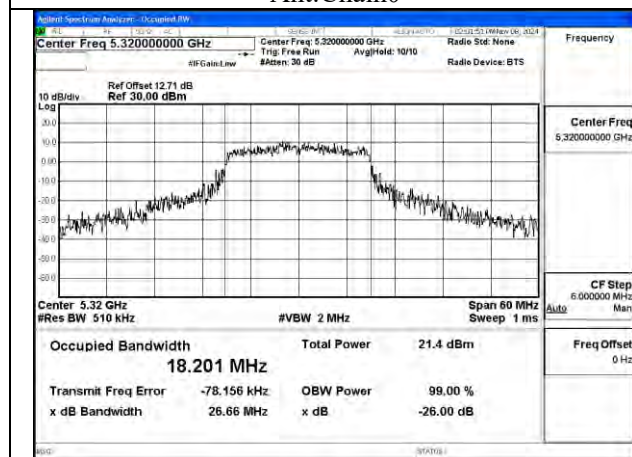
Test Mode: 802.11ac VHT20



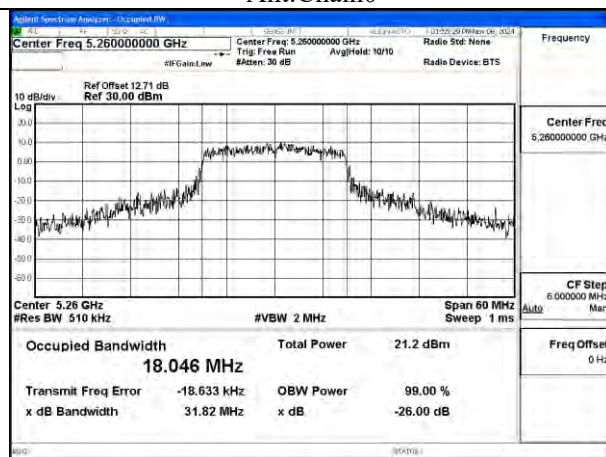
Mode:802.11ac VHT20 Frequency:5260MHz
Ant:Chain0



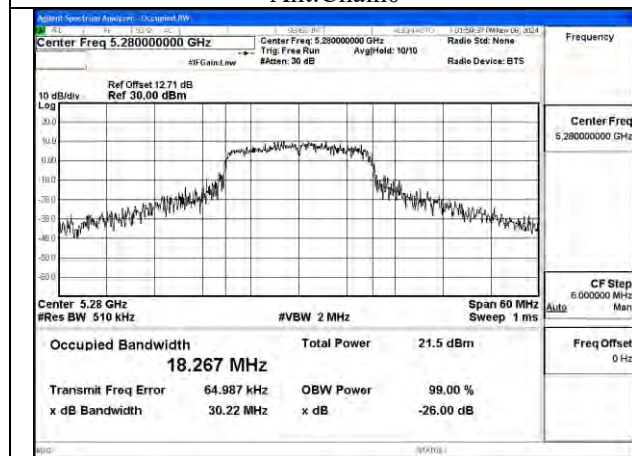
Mode:802.11ac VHT20 Frequency:5280MHz
Ant:Chain0



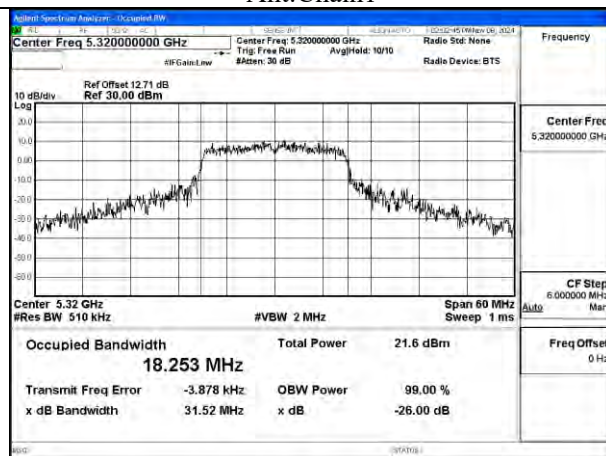
Mode:802.11ac VHT20 Frequency:5320MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5260MHz
Ant:Chain1



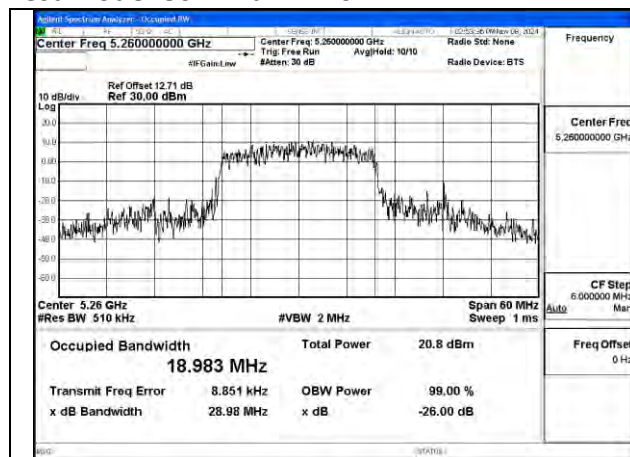
Mode:802.11ac VHT20 Frequency:5280MHz
Ant:Chain1



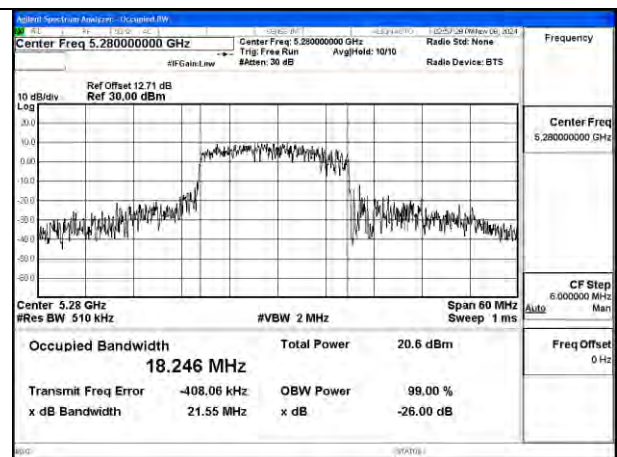
Mode:802.11ac VHT20 Frequency:5320MHz
Ant:Chain1



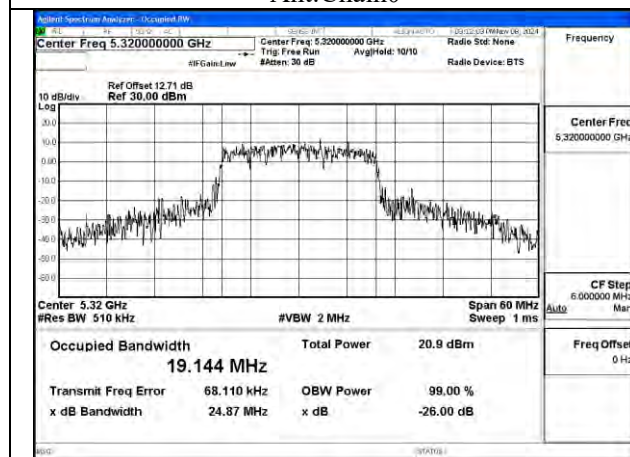
Test Mode: 802.11ax HE20



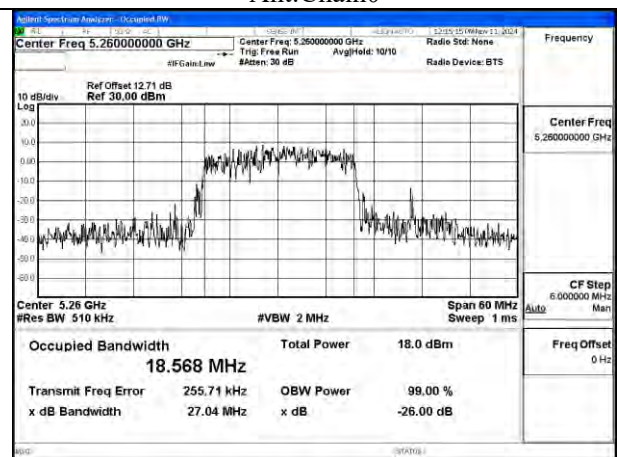
Mode:802.11ax HE20 Frequency:5260MHz
Ant:Chain0



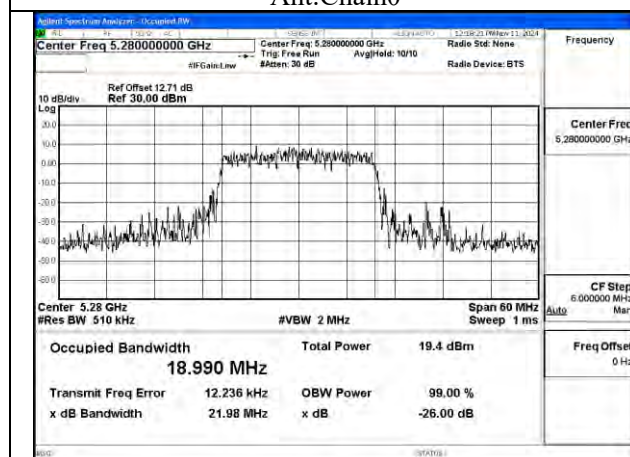
Mode:802.11ax HE20 Frequency:5280MHz
Ant:Chain0



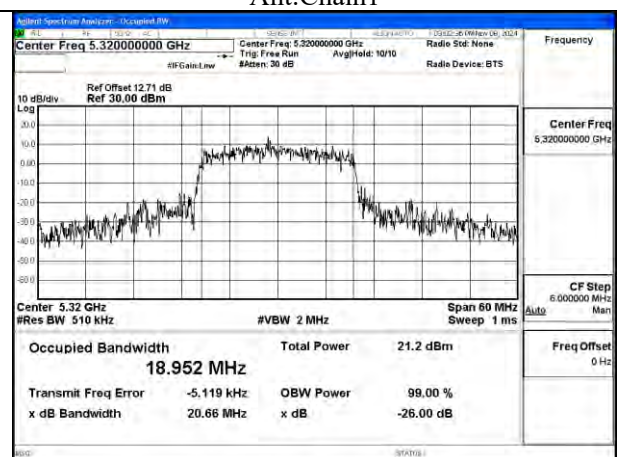
Mode:802.11ax HE20 Frequency:5320MHz
Ant:Chain0



Mode:802.11ax HE20 Frequency:5260MHz
Ant:Chain1



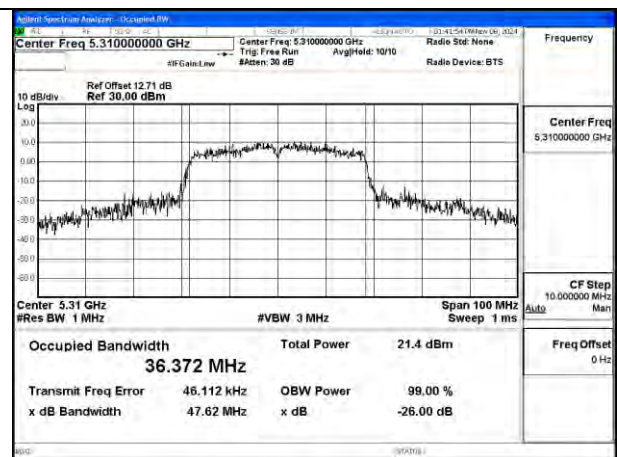
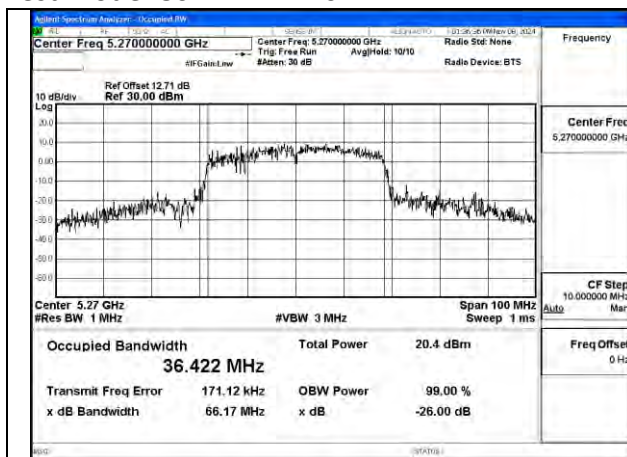
Mode:802.11ax HE20 Frequency:5280MHz
Ant:Chain1



Mode:802.11ax HE20 Frequency:5320MHz
Ant:Chain1

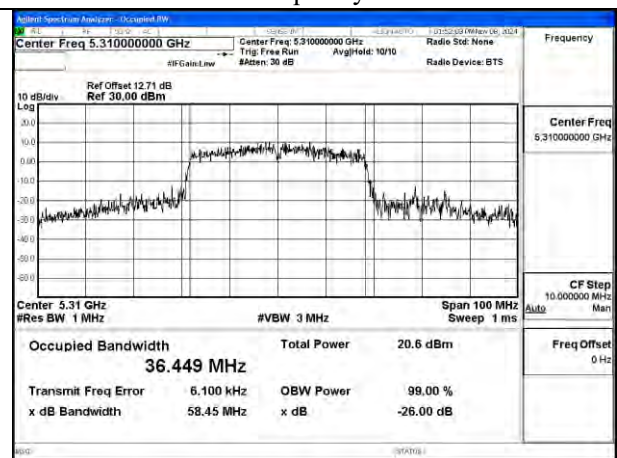
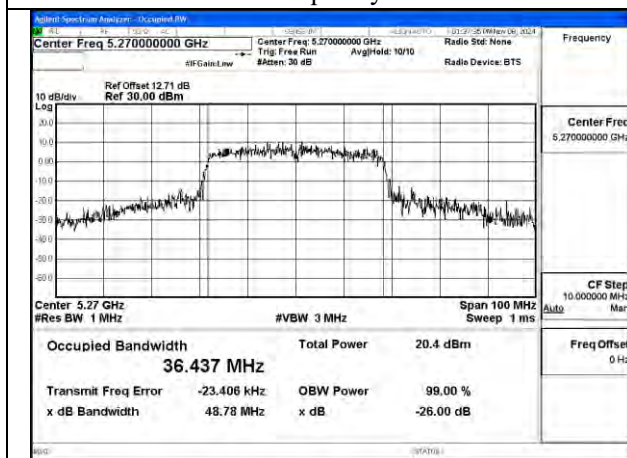


Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:5270MHz Ant:Chain0

Mode:802.11n HT40 Frequency:5310MHz Ant:Chain0

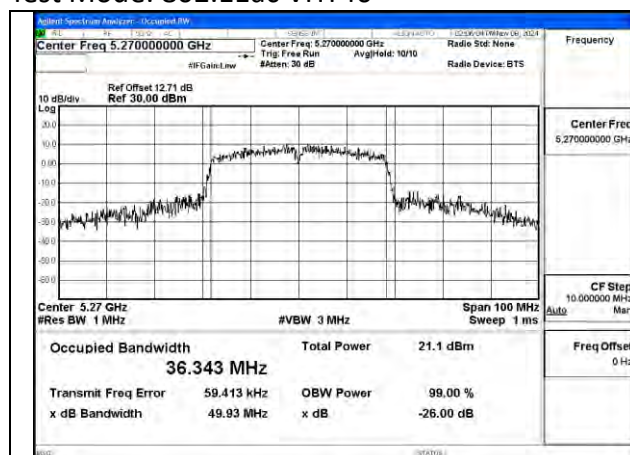


Mode:802.11n HT40 Frequency:5270MHz Ant:Chain1

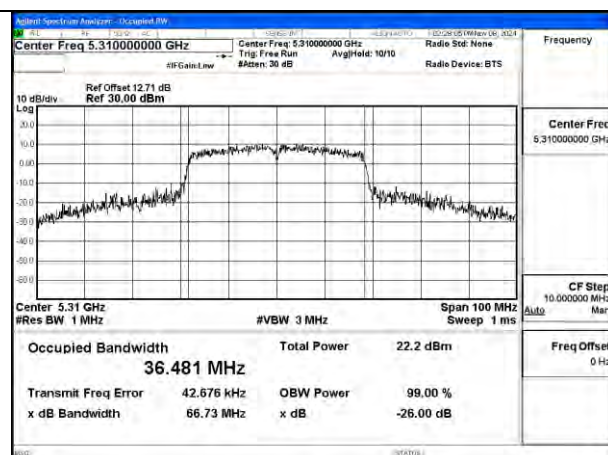
Mode:802.11n HT40 Frequency:5310MHz Ant:Chain1



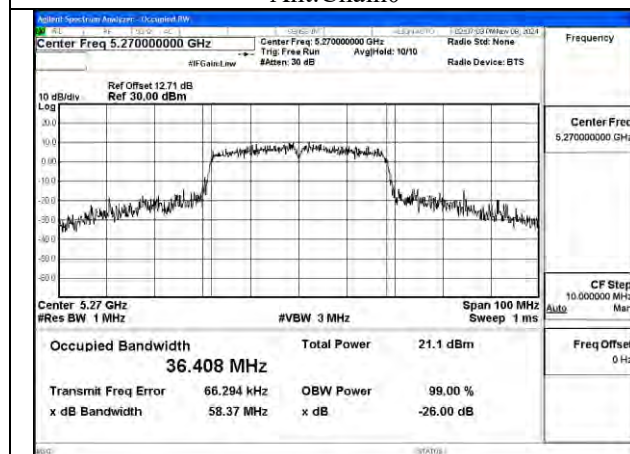
Test Mode: 802.11ac VHT40



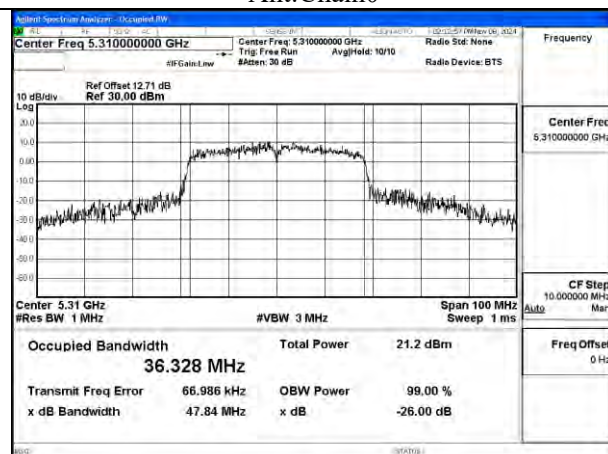
Mode:802.11ac VHT40 Frequency:5270MHz
Ant:Chain0



Mode:802.11ac VHT40 Frequency:5310MHz
Ant:Chain0



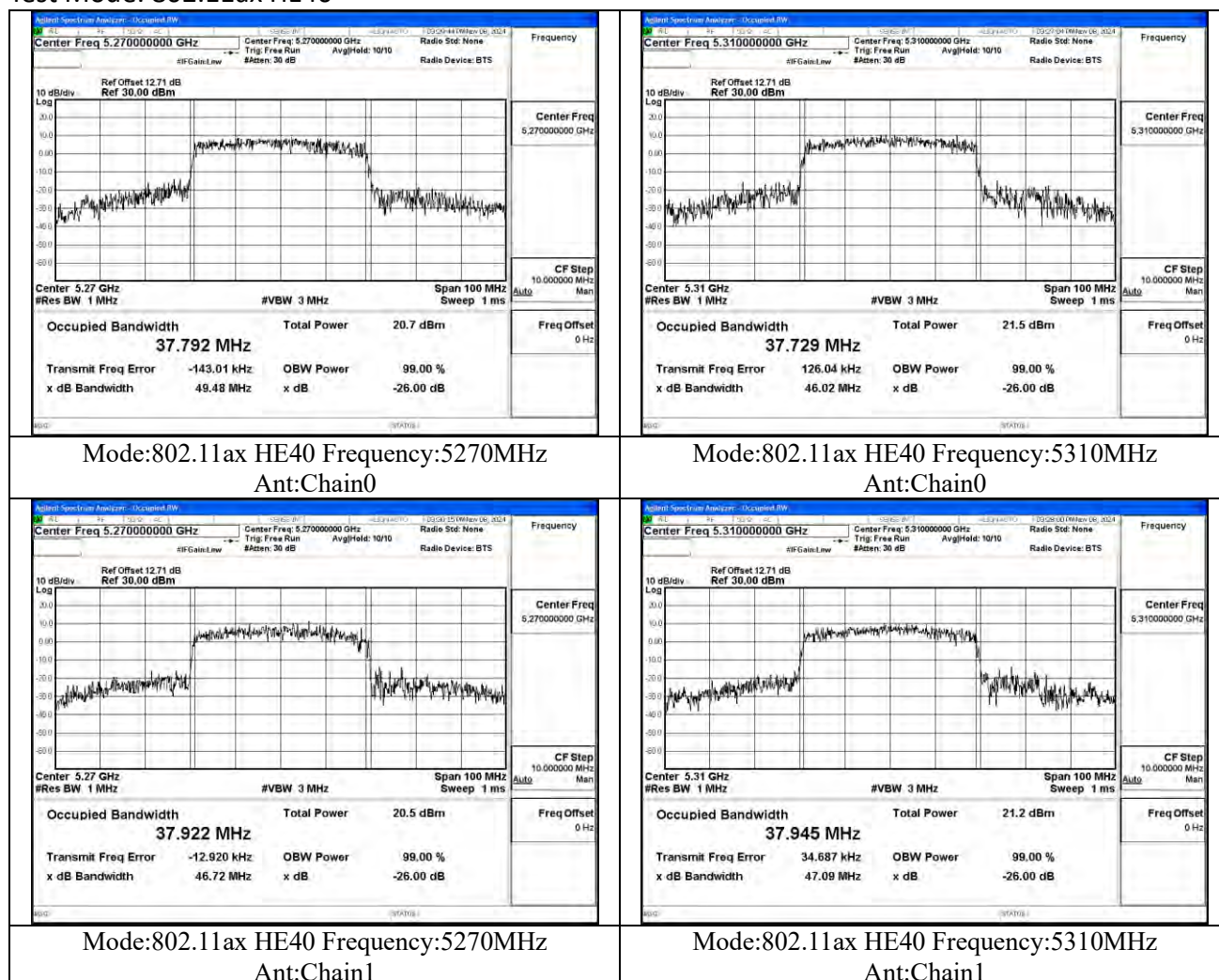
Mode:802.11ac VHT40 Frequency:5270MHz
Ant:Chain1



Mode:802.11ac VHT40 Frequency:5310MHz
Ant:Chain1

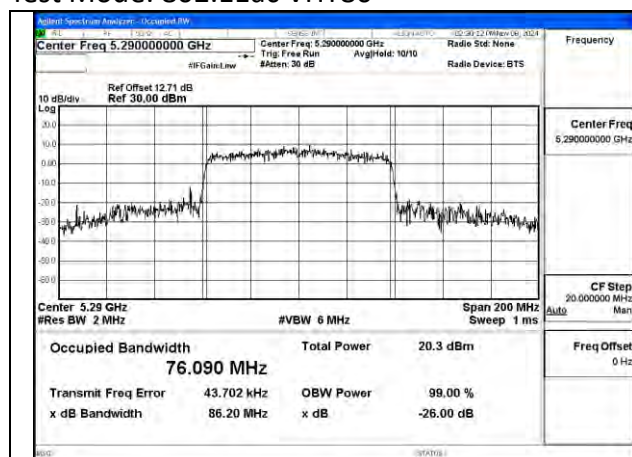


Test Mode: 802.11ax HE40

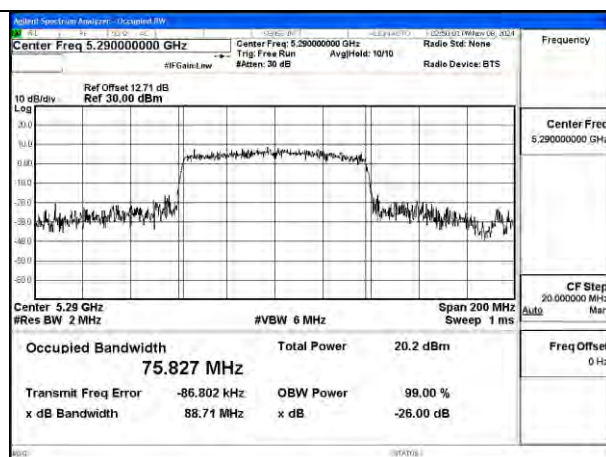




Test Mode: 802.11ac VHT80

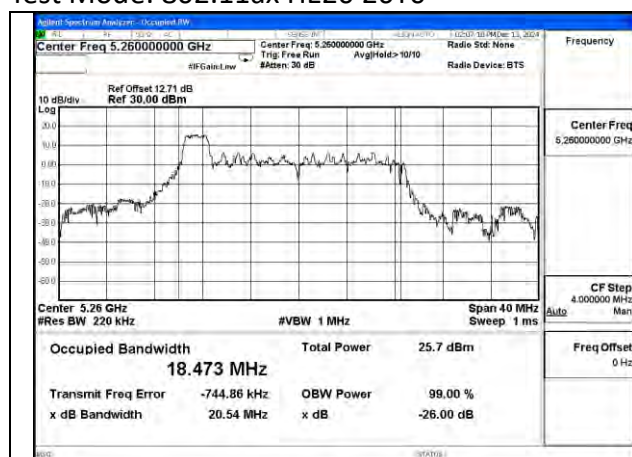


Mode:802.11ac VHT80 Frequency:5290MHz
Ant:Chain0

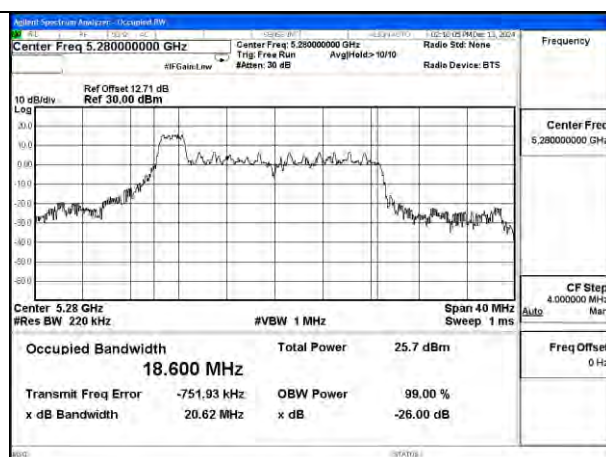


Mode:802.11ac VHT80 Frequency:5290MHz
Ant:Chain1

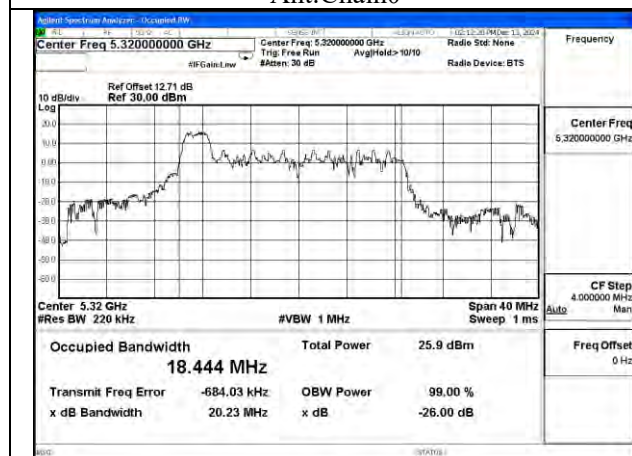
Test Mode: 802.11ax HE20 26T0



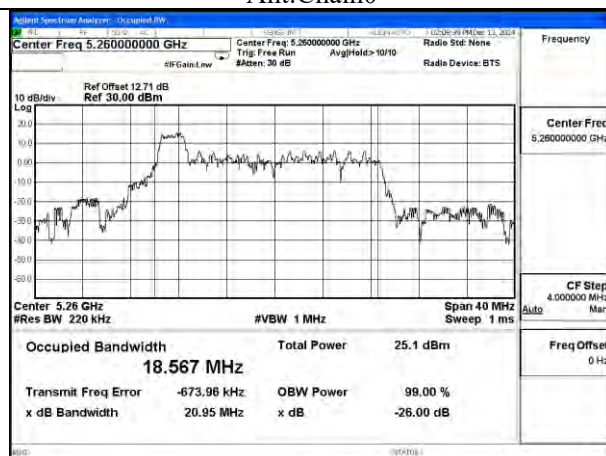
Mode:802.11ax HE20 Frequency:5260MHz
Ant:Chain0



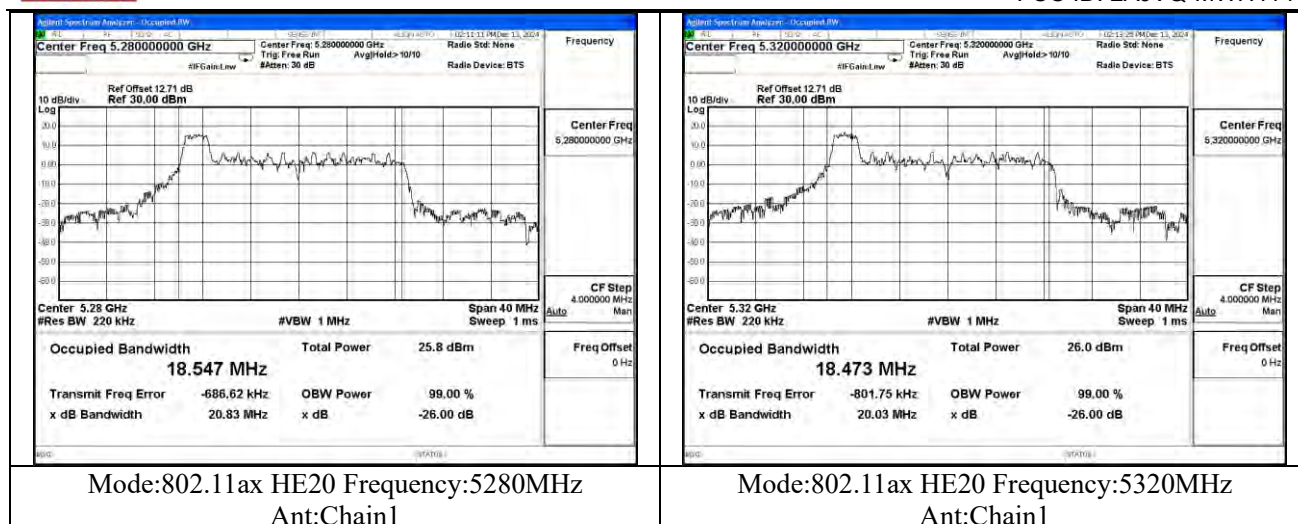
Mode:802.11ax HE20 Frequency:5280MHz
Ant:Chain0



Mode:802.11ax HE20 Frequency:5320MHz
Ant:Chain0



Mode:802.11ax HE20 Frequency:5260MHz
Ant:Chain1



Occupied Bandwidth

Offset 12.71dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5260MHz	5280MHz	5320MHz
802.11a	Chain0	16.919	17.007	17.934
802.11a	Chain1	17.005	17.015	17.222
802.11n HT20	Chain0	18.099	18.240	17.959
802.11n HT20	Chain1	18.147	18.039	18.079
802.11ac VHT20	Chain0	18.020	18.074	18.199
802.11ac VHT20	Chain1	18.076	18.105	18.333
802.11ax HE20	Chain0	18.999	18.976	19.115
802.11ax HE20	Chain1	18.954	18.893	18.892

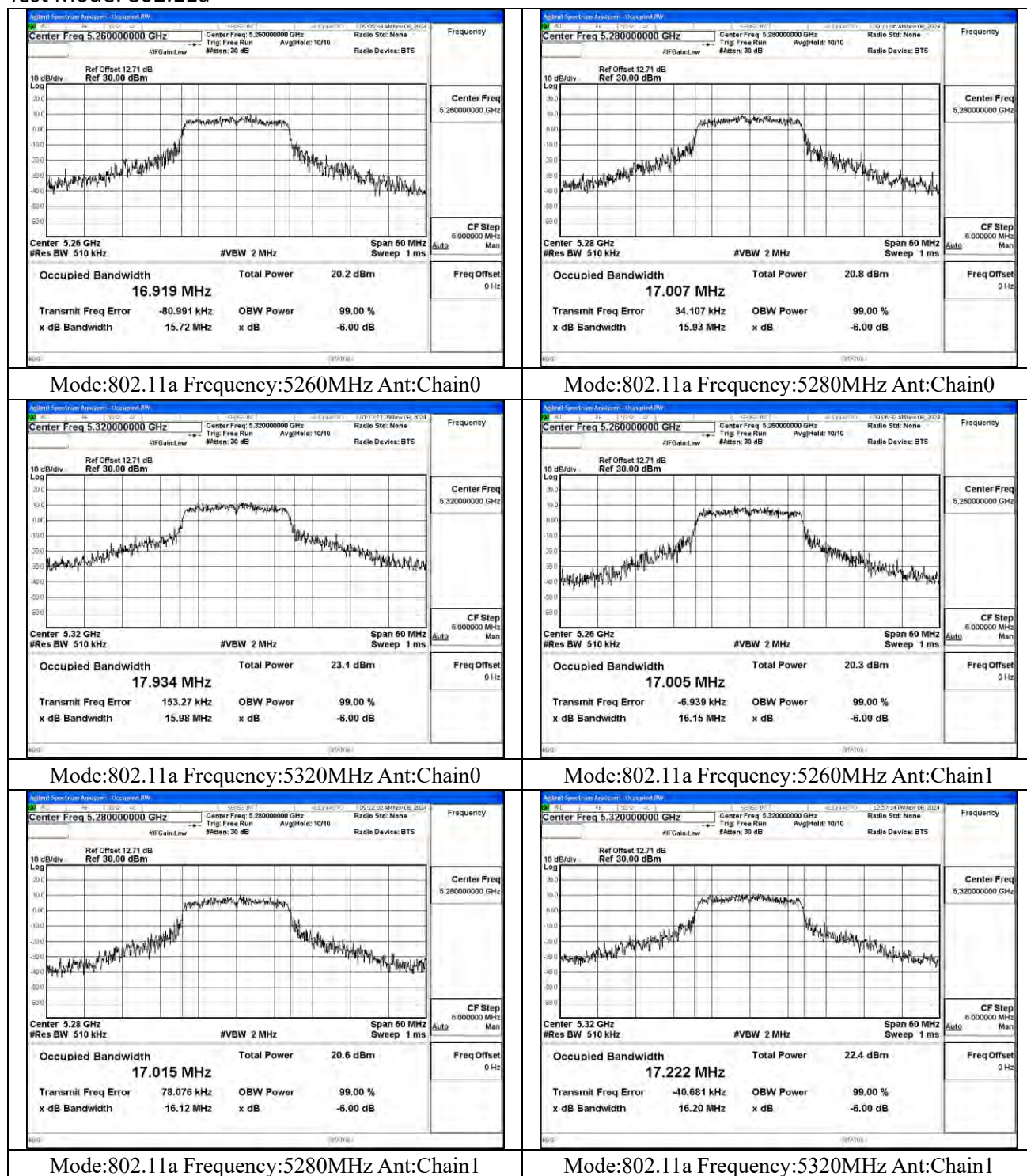
Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5270MHz	---	5310MHz
802.11n HT40	Chain0	36.404	---	36.299
802.11n HT40	Chain1	36.280	---	36.471
802.11ac VHT40	Chain0	36.247	---	36.566
802.11ac VHT40	Chain1	36.485	---	36.365
802.11ax HE40	Chain0	37.862	---	37.901
802.11ax HE40	Chain1	37.681	---	37.675

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5290MHz	---	---
802.11ac VHT80	Chain0	76.029	---	---
802.11ac VHT80	Chain1	75.920	---	---

Test Mode	Tones/ RUIndex	Antenna	Occupied Bandwidth (MHz)		
			5260MHz	5280MHz	5320MHz
802.11ax HE20	26T 0	Chain0	18.699	18.651	18.596
802.11ax HE20	26T 0	Chain1	18.574	18.545	18.460

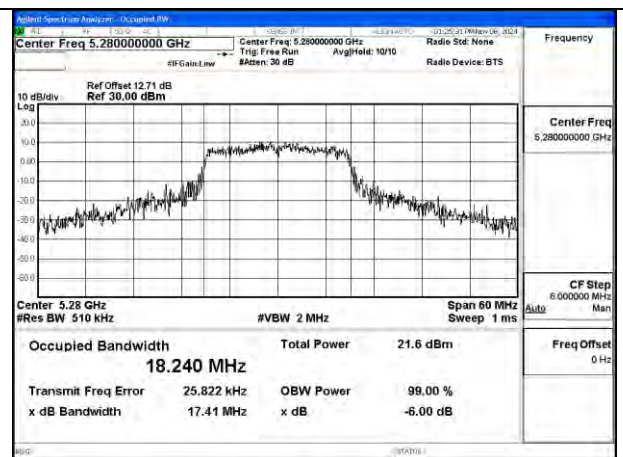
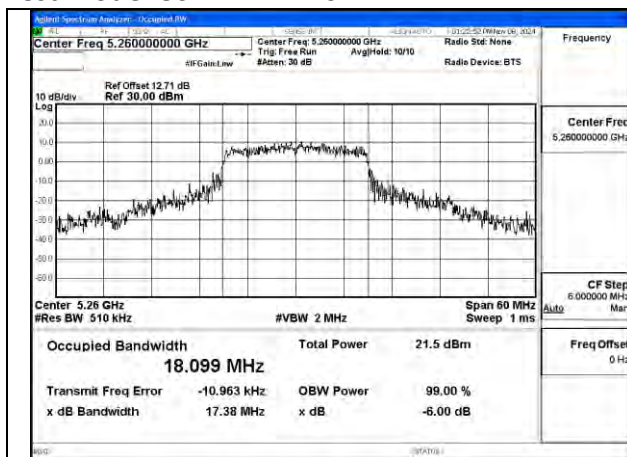


Test Mode: 802.11a



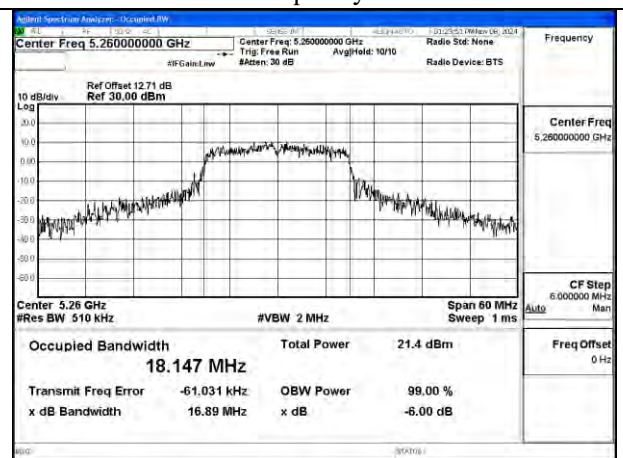
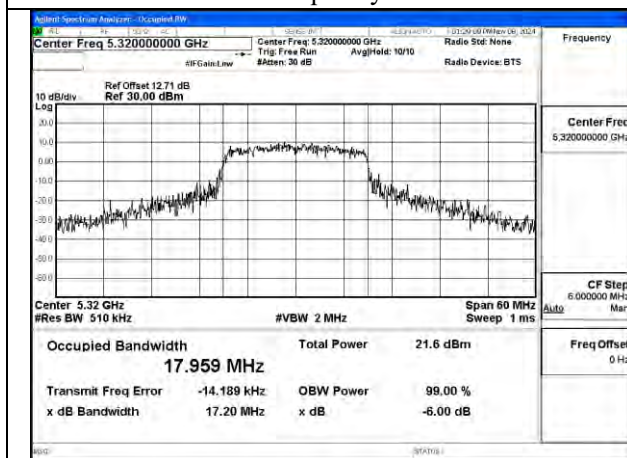


Test Mode: 802.11n HT20



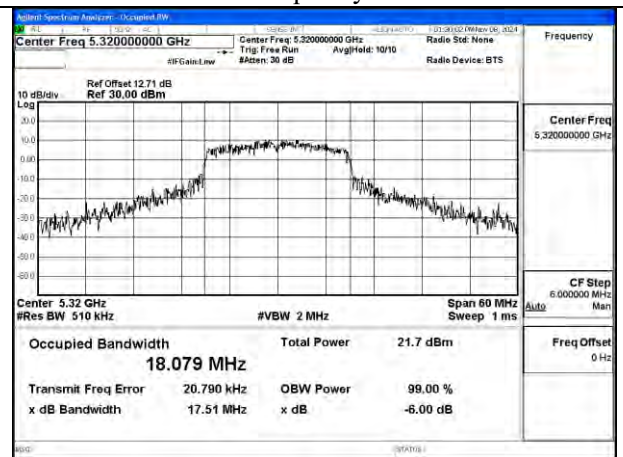
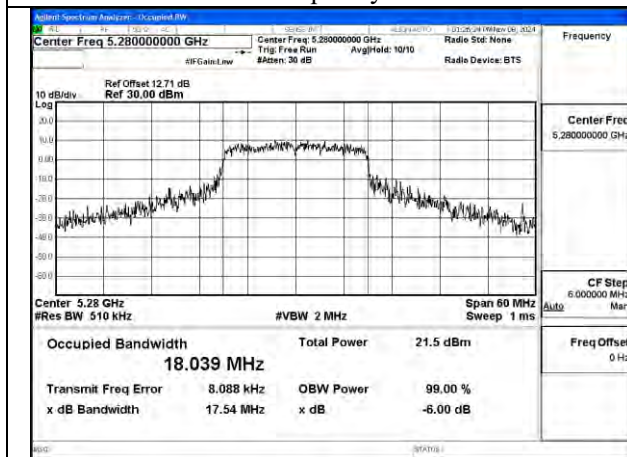
Mode:802.11n HT20 Frequency:5260MHz Ant:Chain0

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



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

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

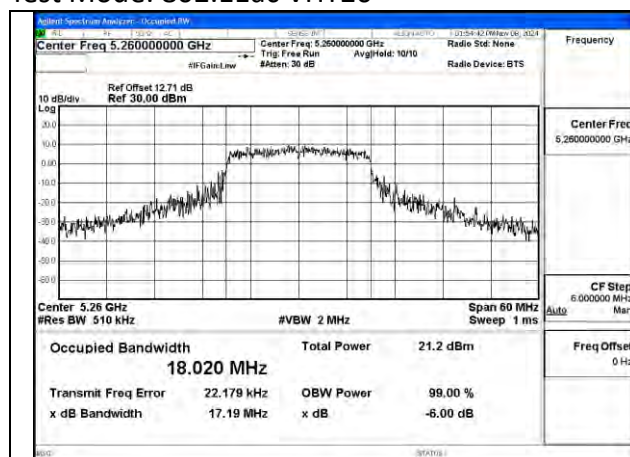


Mode:802.11n HT20 Frequency:5280MHz Ant:Chain1

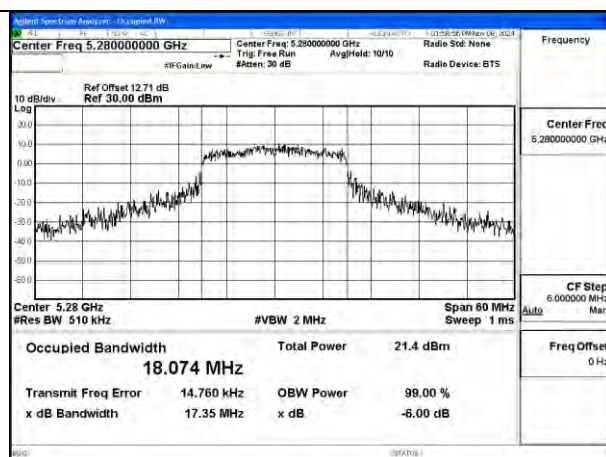
Mode:802.11n HT20 Frequency:5320MHz Ant:Chain1



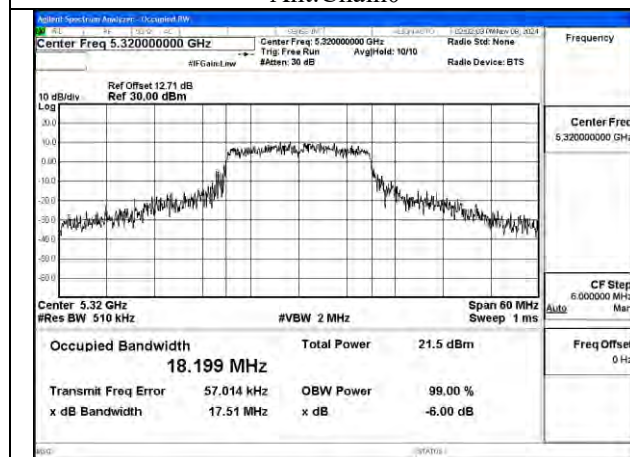
Test Mode: 802.11ac VHT20



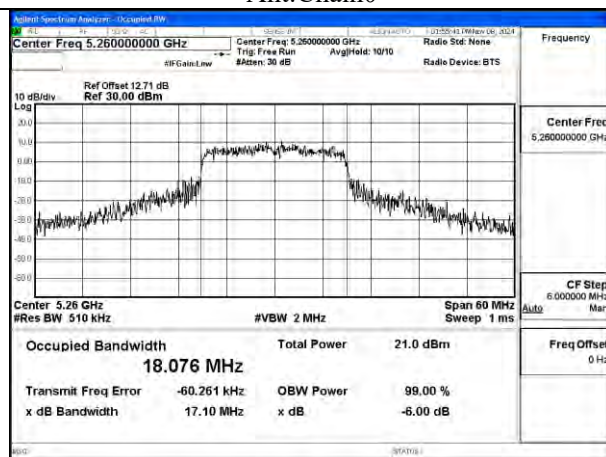
Mode:802.11ac VHT20 Frequency:5260MHz
Ant:Chain0



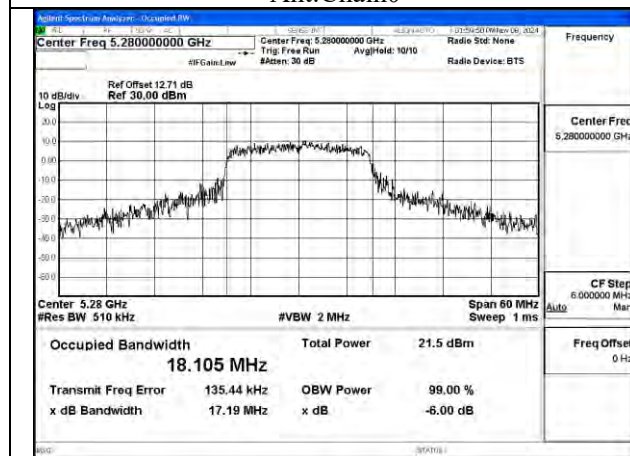
Mode:802.11ac VHT20 Frequency:5280MHz
Ant:Chain0



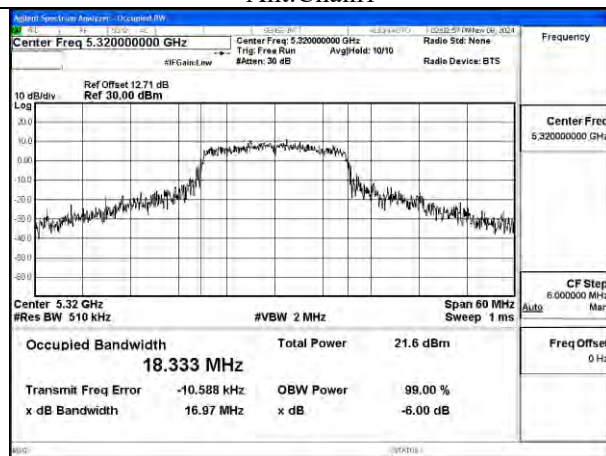
Mode:802.11ac VHT20 Frequency:5320MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5260MHz
Ant:Chain1



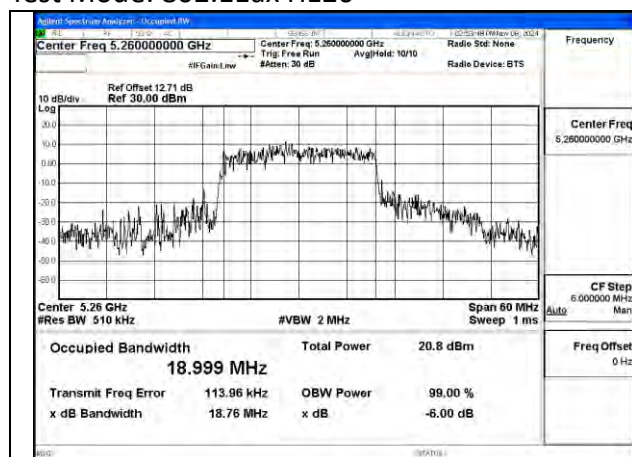
Mode:802.11ac VHT20 Frequency:5280MHz
Ant:Chain1



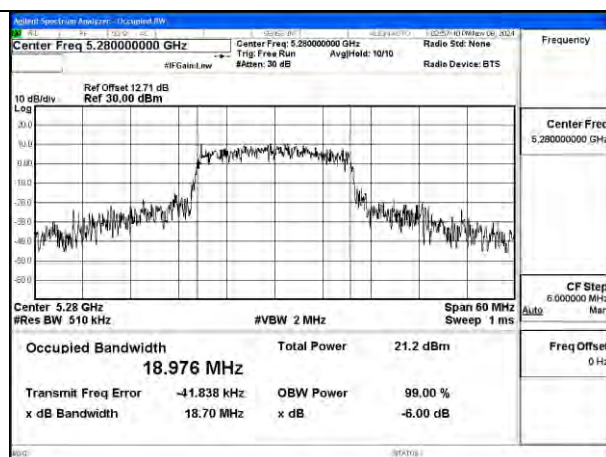
Mode:802.11ac VHT20 Frequency:5320MHz
Ant:Chain1



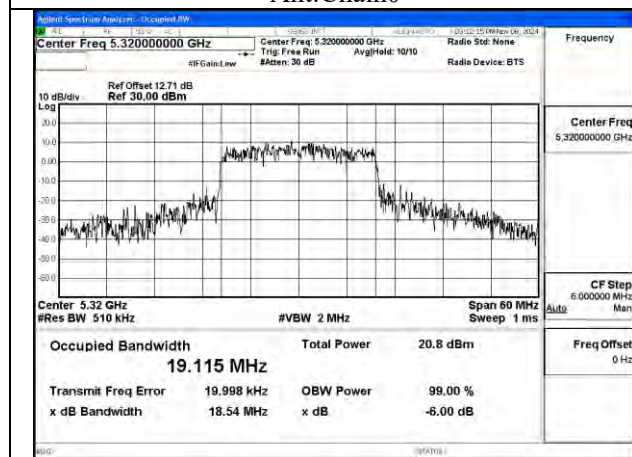
Test Mode: 802.11ax HE20



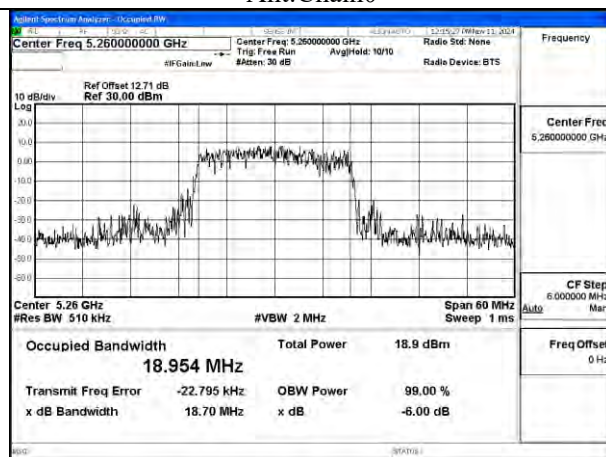
Mode:802.11ax HE20 Frequency:5260MHz
Ant:Chain0



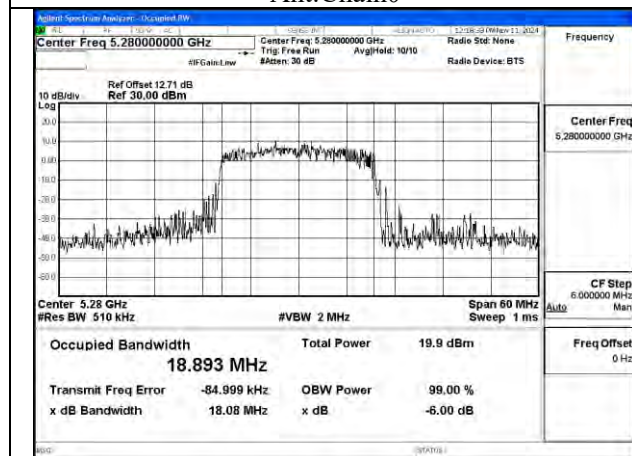
Mode:802.11ax HE20 Frequency:5280MHz
Ant:Chain0



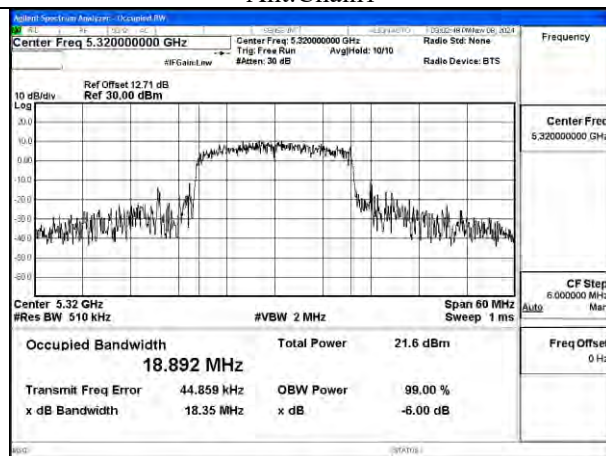
Mode:802.11ax HE20 Frequency:5320MHz
Ant:Chain0



Mode:802.11ax HE20 Frequency:5260MHz
Ant:Chain1



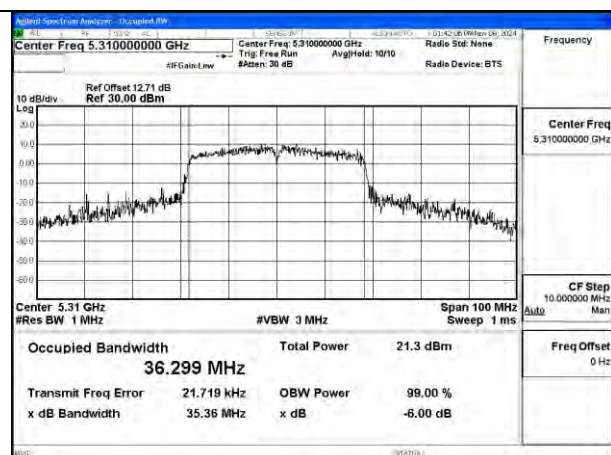
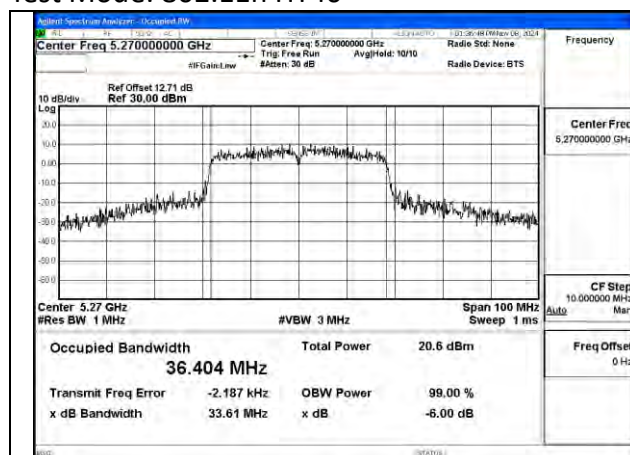
Mode:802.11ax HE20 Frequency:5280MHz
Ant:Chain1



Mode:802.11ax HE20 Frequency:5320MHz
Ant:Chain1

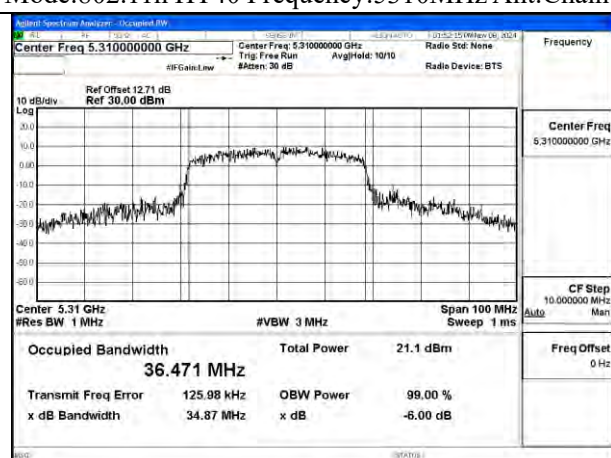
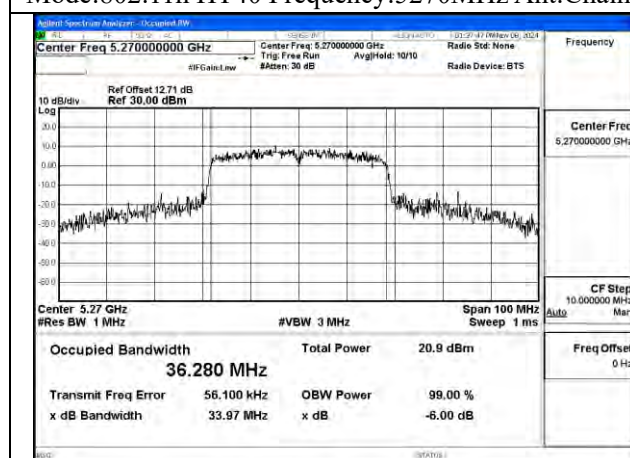


Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:5270MHz Ant:Chain0

Mode:802.11n HT40 Frequency:5310MHz Ant:Chain0

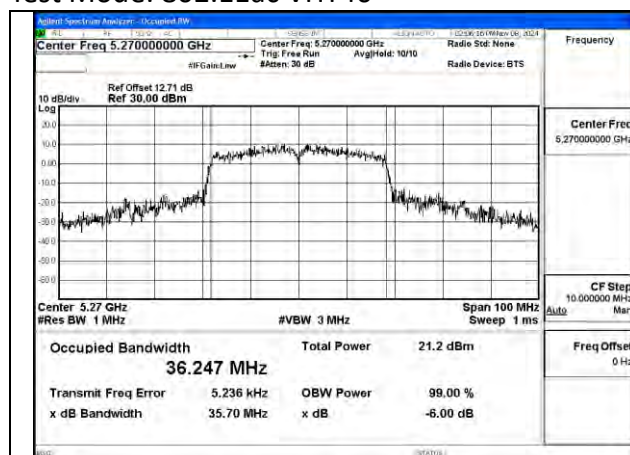


Mode:802.11n HT40 Frequency:5270MHz Ant:Chain1

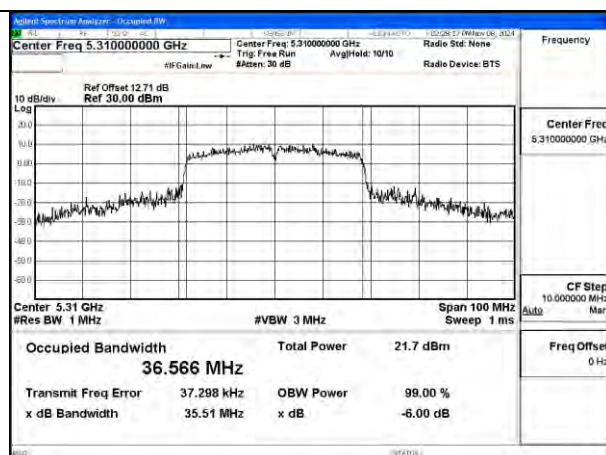
Mode:802.11n HT40 Frequency:5310MHz Ant:Chain1



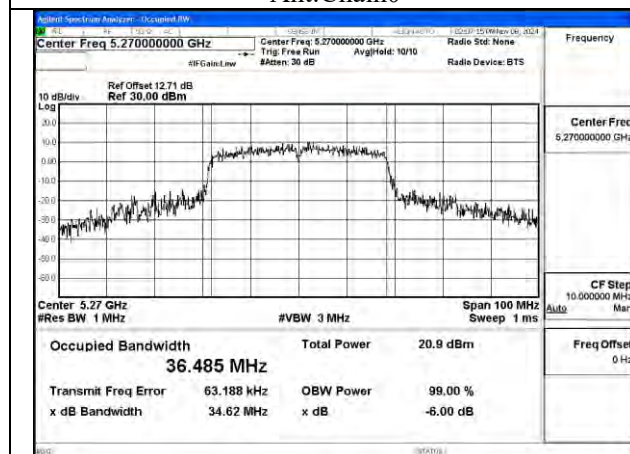
Test Mode: 802.11ac VHT40



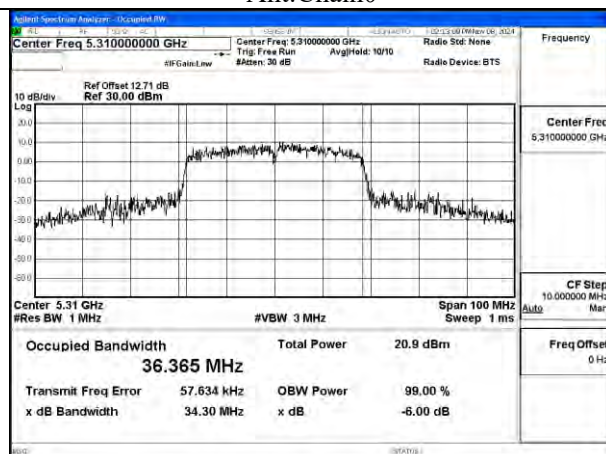
Mode:802.11ac VHT40 Frequency:5270MHz
Ant:Chain0



Mode:802.11ac VHT40 Frequency:5310MHz
Ant:Chain0



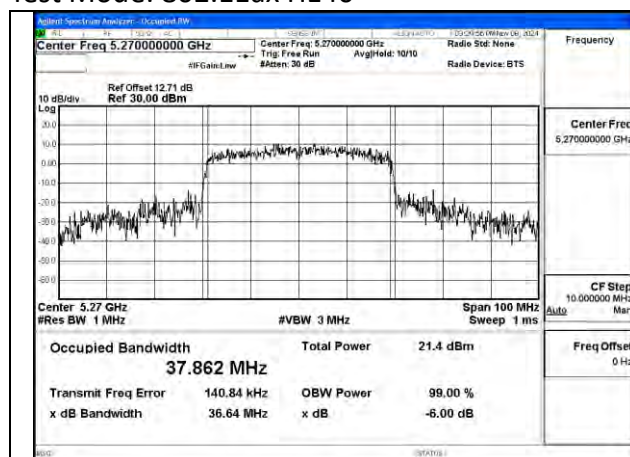
Mode:802.11ac VHT40 Frequency:5270MHz
Ant:Chain1



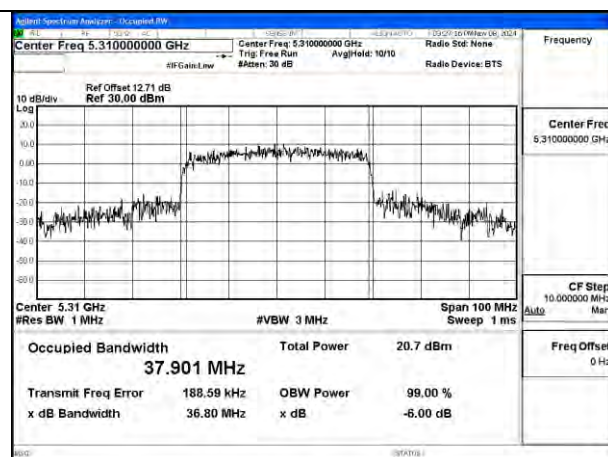
Mode:802.11ac VHT40 Frequency:5310MHz
Ant:Chain1



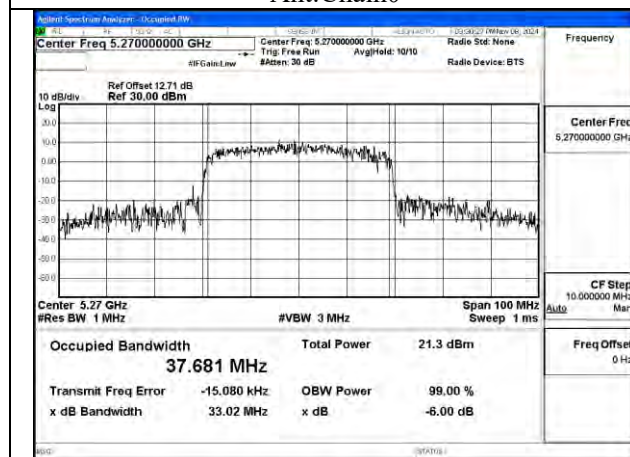
Test Mode: 802.11ax HE40



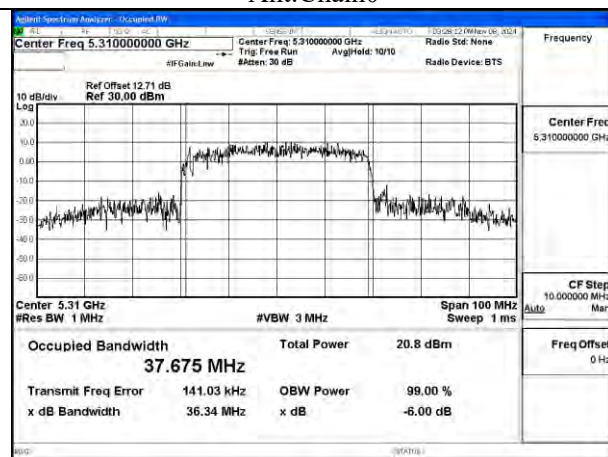
Mode:802.11ax HE40 Frequency:5270MHz
Ant:Chain0



Mode:802.11ax HE40 Frequency:5310MHz
Ant:Chain0

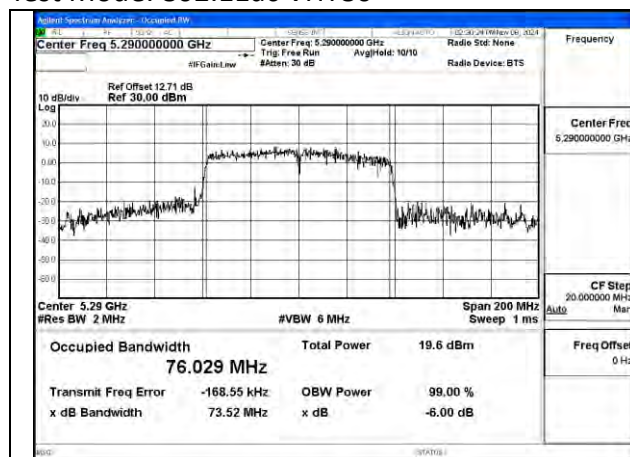


Mode:802.11ax HE40 Frequency:5270MHz
Ant:Chain1

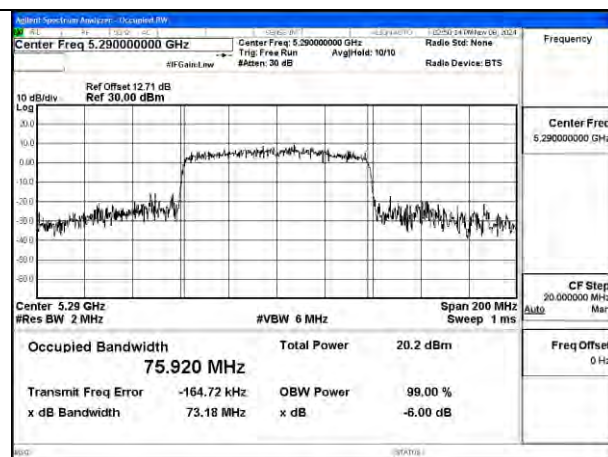


Mode:802.11ax HE40 Frequency:5310MHz
Ant:Chain1

Test Mode: 802.11ac VHT80



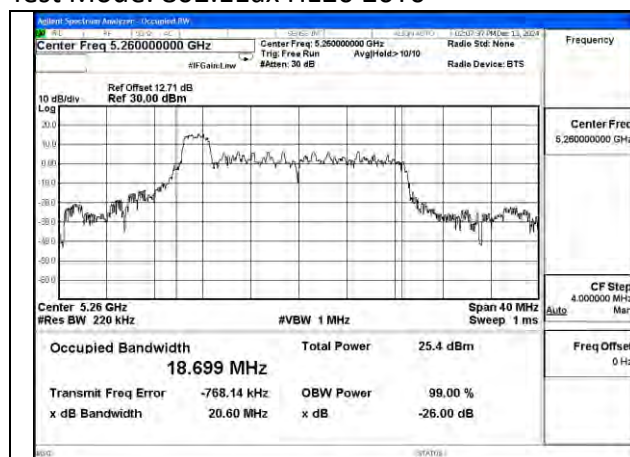
Mode:802.11ac VHT80 Frequency:5290MHz
Ant:Chain0



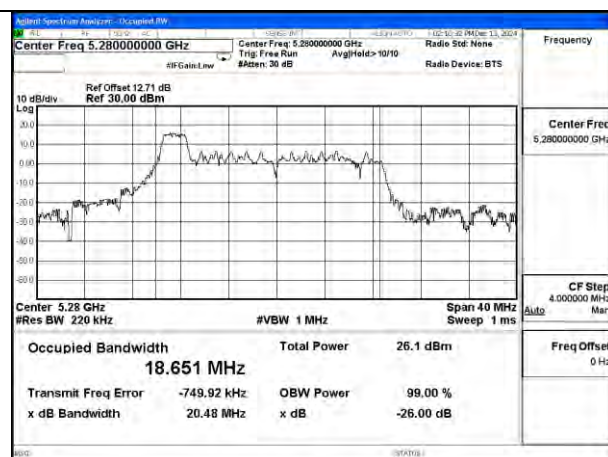
Mode:802.11ac VHT80 Frequency:5290MHz
Ant:Chain1



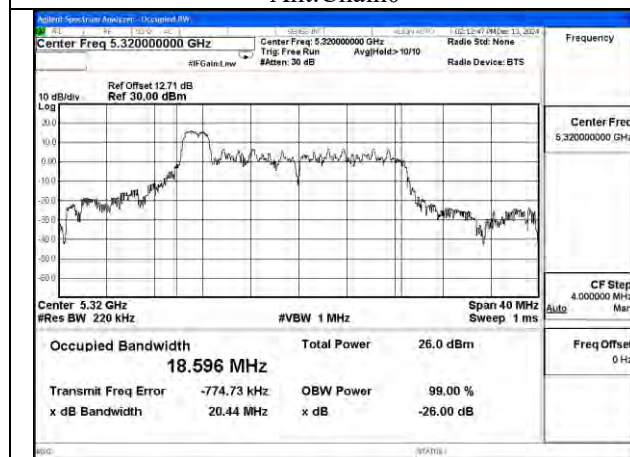
Test Mode: 802.11ax HE20 26T0



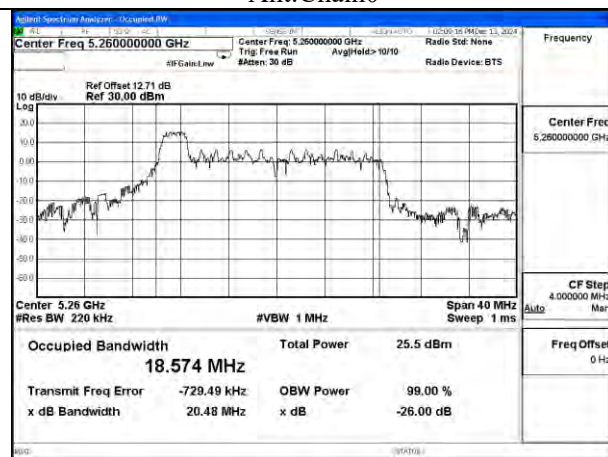
Mode:802.11ax HE20 Frequency:5260MHz
Ant:Chain0



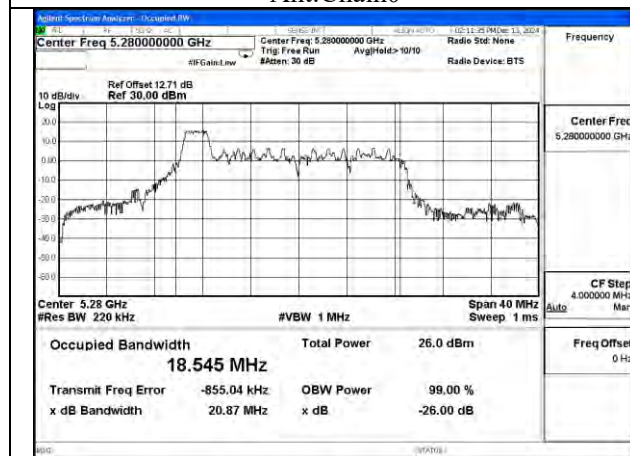
Mode:802.11ax HE20 Frequency:5280MHz
Ant:Chain0



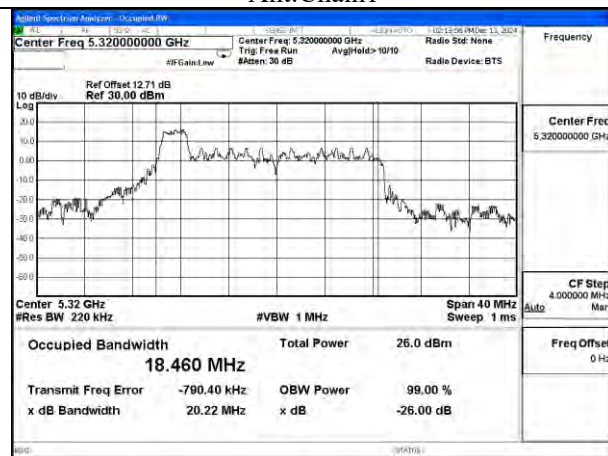
Mode:802.11ax HE20 Frequency:5320MHz
Ant:Chain0



Mode:802.11ax HE20 Frequency:5260MHz
Ant:Chain1



Mode:802.11ax HE20 Frequency:5280MHz
Ant:Chain1



Mode:802.11ax HE20 Frequency:5320MHz
Ant:Chain1

**Transmitter Power Spectral Density**

Offset 12.71dB = Attenuator + Temporary antenna connector loss + Cable loss

TestMode	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	0.48	6.138	0.48	6.381	0.48	2.541
802.11a	Chain1	NA	0.48	5.986	0.48	6.334	0.48	2.583
802.11n HT20	Chain0	NA	0.49	6.854	0.49	6.828	0.49	7.344
802.11n HT20	Chain1	NA	0.50	6.935	0.50	7.095	0.50	7.245
802.11n HT20	MIMO	NA	0.50	9.905	0.50	9.974	0.50	10.305
802.11ac VHT20	Chain0	NA	0.46	6.957	0.46	6.951	0.46	6.988
802.11ac VHT20	Chain1	NA	0.52	6.781	0.52	7.146	0.52	7.148
802.11ac VHT20	MIMO	NA	0.52	9.880	0.52	10.060	0.52	10.079
802.11ax HE20	Chain0	26T	1.04	5.254	1.04	5.511	1.04	5.301
802.11ax HE20	Chain1	26T	1.03	5.560	1.03	5.622	1.03	5.618
802.11ax HE20	MIMO	26T	1.04	8.420	1.04	8.577	1.04	8.473
802.11ax HE20	Chain0	52T	1.04	2.475	1.04	2.102	1.04	2.545
802.11ax HE20	Chain1	52T	1.03	2.504	1.03	2.239	1.03	2.859
802.11ax HE20	MIMO	52T	1.04	5.500	1.04	5.181	1.04	5.715
802.11ax HE20	Chain0	106T	1.04	6.335	1.04	6.634	1.04	6.397
802.11ax HE20	Chain1	106T	1.03	6.523	1.03	6.640	1.03	6.809
802.11ax HE20	MIMO	106T	1.04	9.440	1.04	9.647	1.04	9.618
802.11ax HE20	Chain0	242T	1.04	4.854	1.04	4.497	1.04	4.573
802.11ax HE20	Chain1	242T	1.03	4.447	1.03	4.756	1.03	4.619
802.11ax HE20	MIMO	242T	1.04	7.666	1.04	7.639	1.04	7.606



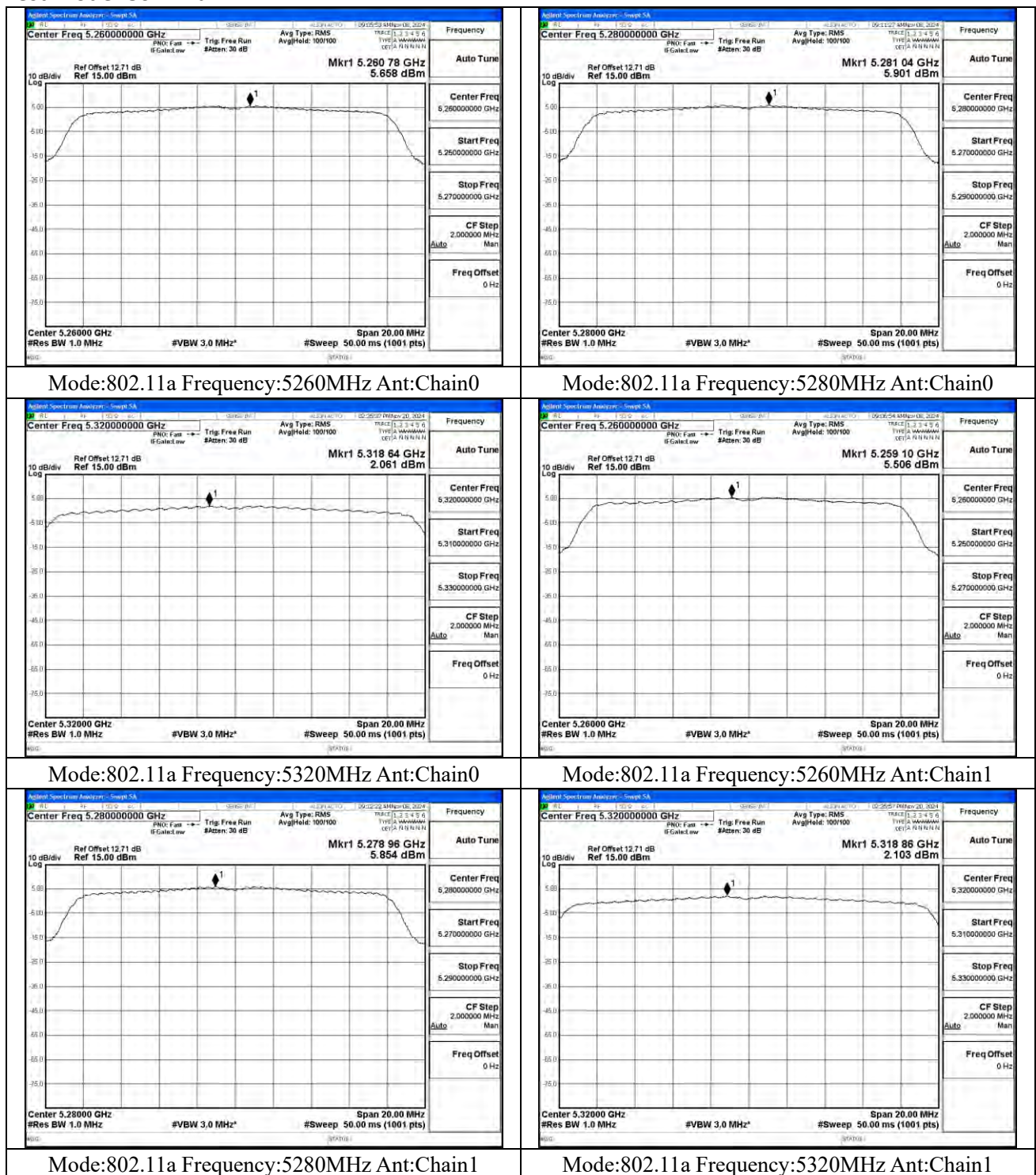
TestMode	Antenna	Tones	5270MHz		---		5310MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11n HT40	Chain0	NA	0.76	3.314	---	---	0.76	3.718
802.11n HT40	Chain1	NA	0.76	3.434	---	---	0.76	3.389
802.11n HT40	MIMO	NA	0.76	6.385	---	---	0.76	6.567
802.11ac VHT40	Chain0	NA	0.74	3.156	---	---	0.74	3.283
802.11ac VHT40	Chain1	NA	0.79	3.180	---	---	0.79	3.417
802.11ac VHT40	MIMO	NA	0.79	6.178	---	---	0.79	6.361
802.11ax HE40	Chain0	26T	1.06	3.588	---	---	1.06	5.376
802.11ax HE40	Chain1	26T	1.05	3.614	---	---	1.05	5.268
802.11ax HE40	MIMO	26T	1.06	6.611	---	---	1.06	8.333
802.11ax HE40	Chain0	52T	1.06	1.745	---	---	1.06	2.269
802.11ax HE40	Chain1	52T	1.05	2.220	---	---	1.05	2.066
802.11ax HE40	MIMO	52T	1.06	4.999	---	---	1.06	5.179
802.11ax HE40	Chain0	106T	1.06	4.790	---	---	1.06	4.918
802.11ax HE40	Chain1	106T	1.05	4.860	---	---	1.05	5.644
802.11ax HE40	MIMO	106T	1.06	7.835	---	---	1.06	8.306
802.11ax HE40	Chain0	242T	1.06	2.312	---	---	1.06	1.971
802.11ax HE40	Chain1	242T	1.05	1.388	---	---	1.05	2.125
802.11ax HE40	MIMO	242T	1.06	4.885	---	---	1.06	5.059
802.11ax HE40	Chain0	484T	1.06	1.963	---	---	1.06	1.678
802.11ax HE40	Chain1	484T	1.05	1.680	---	---	1.05	1.715
802.11ax HE40	MIMO	484T	1.06	4.834	---	---	1.06	4.707



TestMode	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	1.04	-1.085	---	---	---	---
802.11ac VHT80	Chain1	NA	1.07	-1.551	---	---	---	---
802.11ac VHT80	MIMO	NA	1.07	1.699	---	---	---	---
802.11ax HE80	Chain0	26T	1.09	3.040	---	---	---	---
802.11ax HE80	Chain1	26T	1.09	3.655	---	---	---	---
802.11ax HE80	MIMO	26T	1.09	6.369	---	---	---	---
802.11ax HE80	Chain0	52T	1.09	1.603	---	---	---	---
802.11ax HE80	Chain1	52T	1.09	1.638	---	---	---	---
802.11ax HE80	MIMO	52T	1.09	4.631	---	---	---	---
802.11ax HE80	Chain0	106T	1.09	4.494	---	---	---	---
802.11ax HE80	Chain1	106T	1.09	4.509	---	---	---	---
802.11ax HE80	MIMO	106T	1.09	7.512	---	---	---	---
802.11ax HE80	Chain0	242T	1.09	1.502	---	---	---	---
802.11ax HE80	Chain1	242T	1.09	2.493	---	---	---	---
802.11ax HE80	MIMO	242T	1.09	5.036	---	---	---	---
802.11ax HE80	Chain0	484T	1.09	-1.697	---	---	---	---
802.11ax HE80	Chain1	484T	1.09	-1.047	---	---	---	---
802.11ax HE80	MIMO	484T	1.09	1.650	---	---	---	---
802.11ax HE80	Chain0	996T	1.09	-3.592	---	---	---	---
802.11ax HE80	Chain1	996T	1.09	-3.727	---	---	---	---
802.11ax HE80	MIMO	996T	1.09	-0.649	---	---	---	---

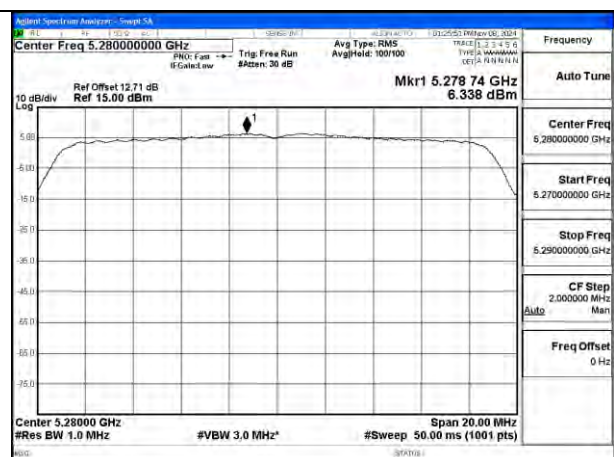
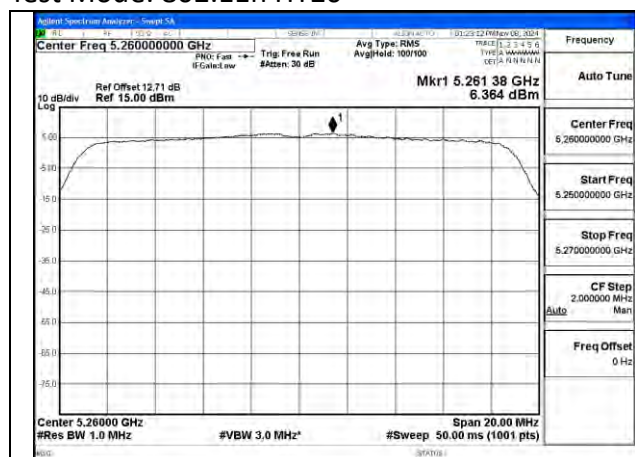


Test Mode: 802.11a



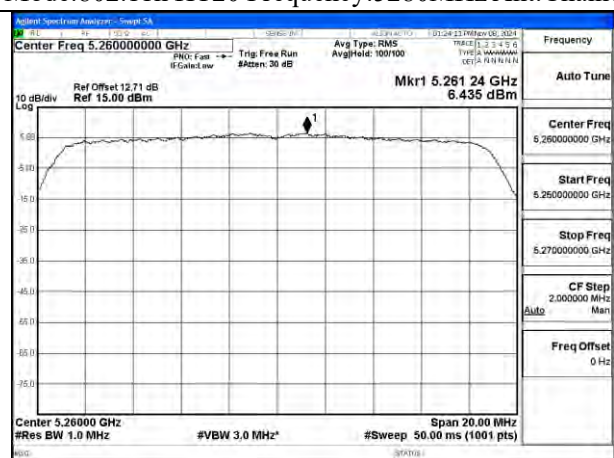
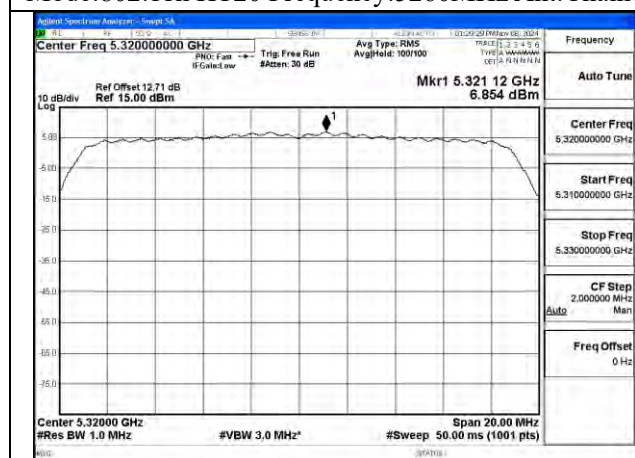


Test Mode: 802.11n HT20



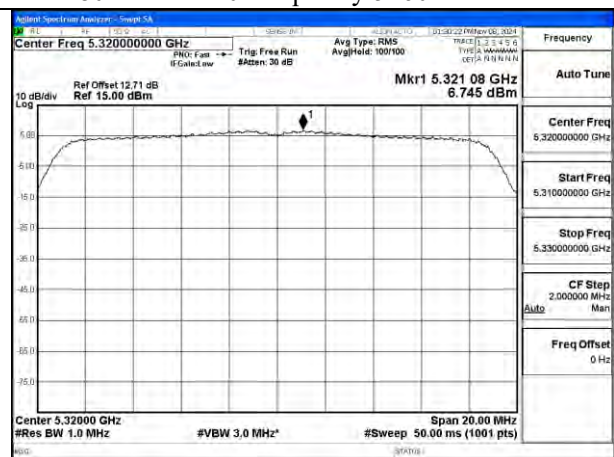
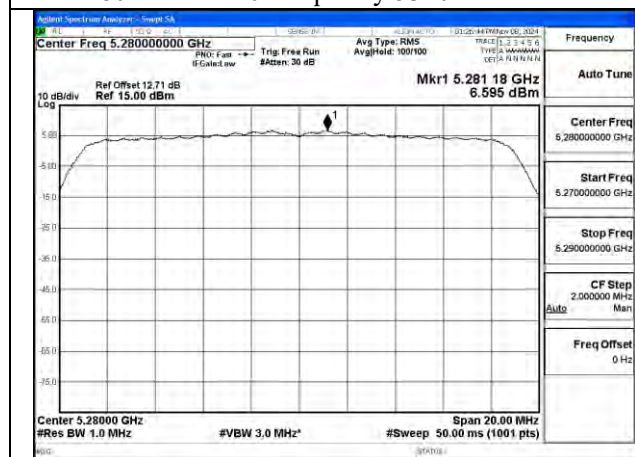
Mode:802.11n HT20 Frequency:5260MHz Ant:Chain0

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



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

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

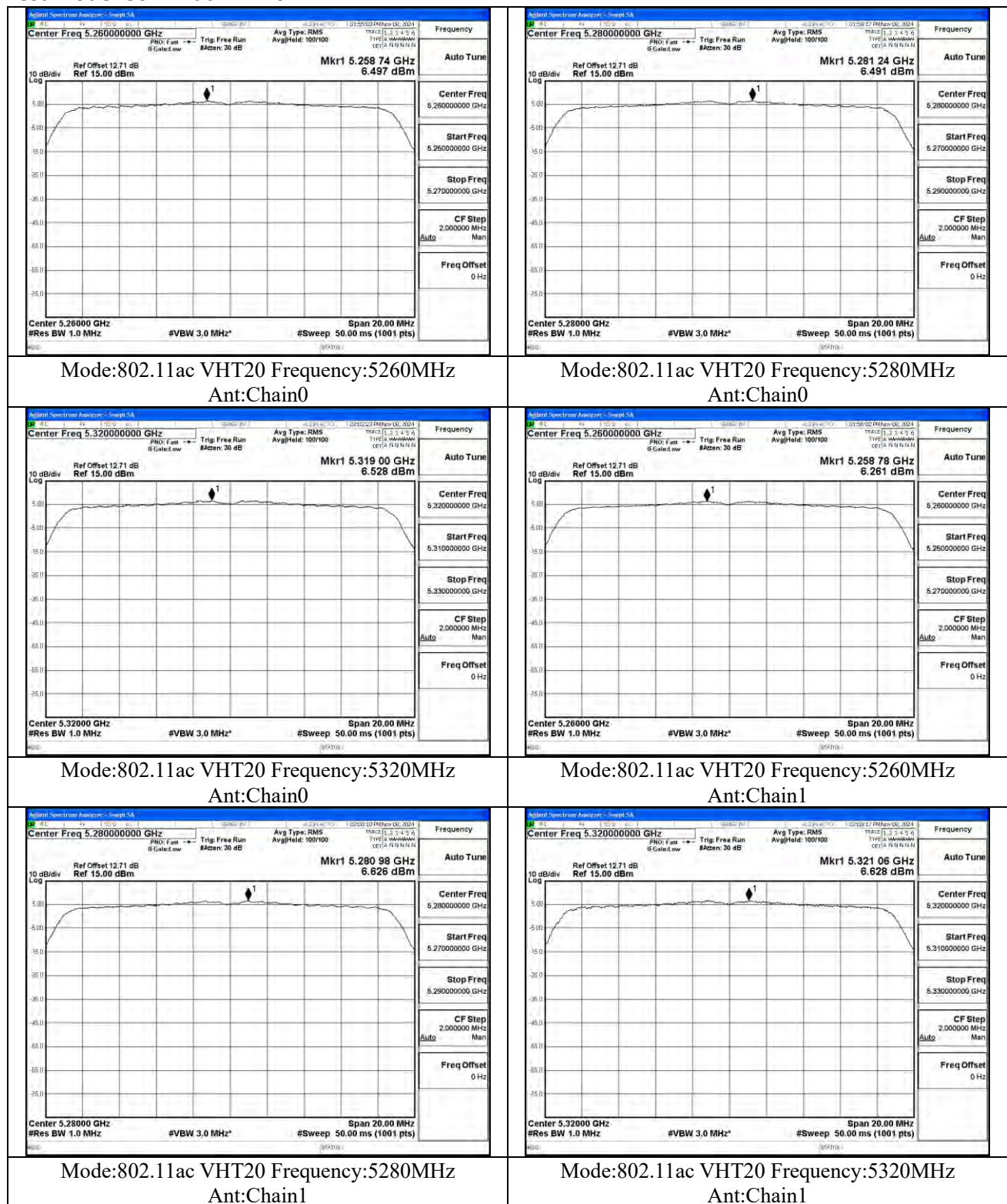


Mode:802.11n HT20 Frequency:5280MHz Ant:Chain1

Mode:802.11n HT20 Frequency:5320MHz Ant:Chain1

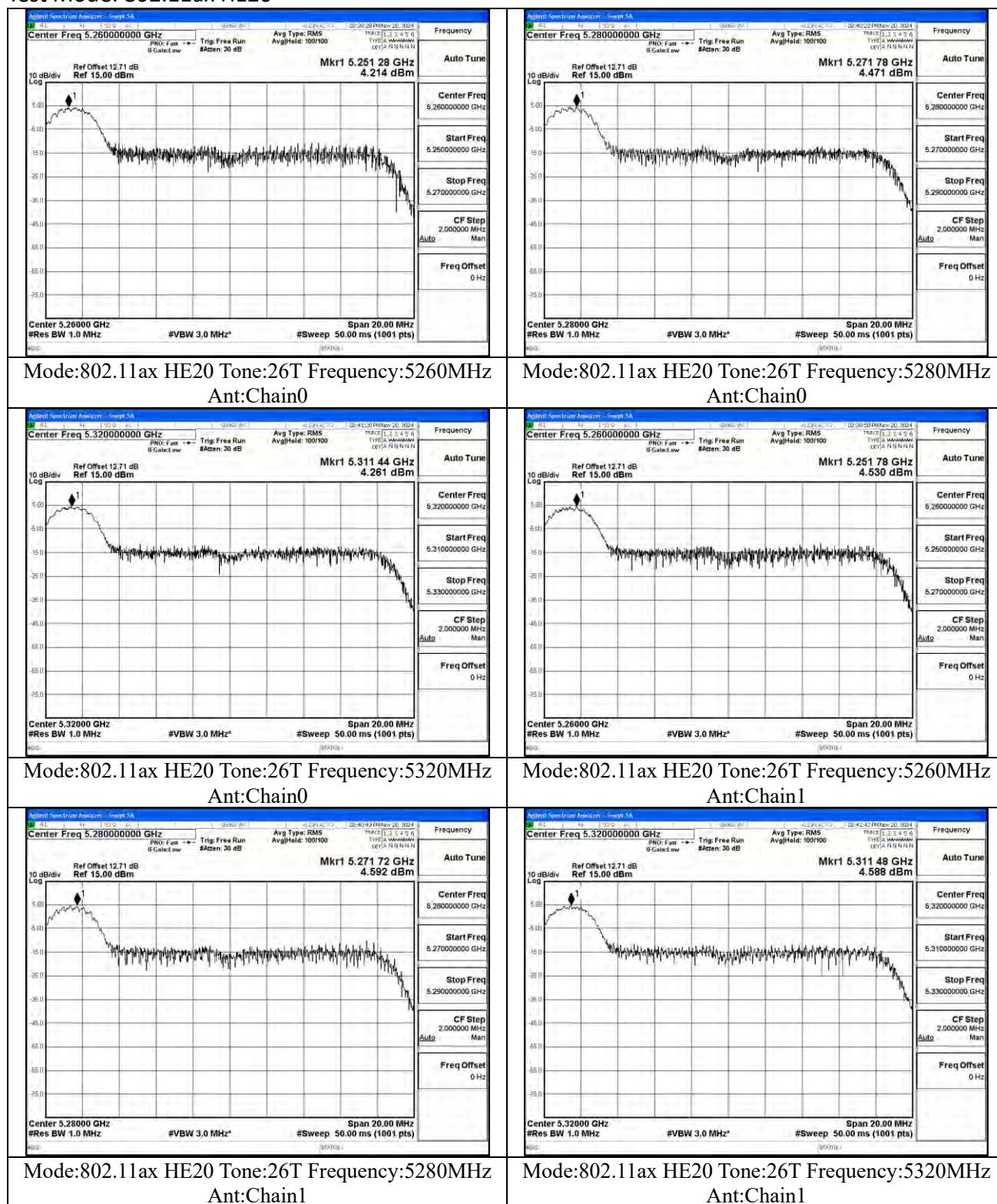


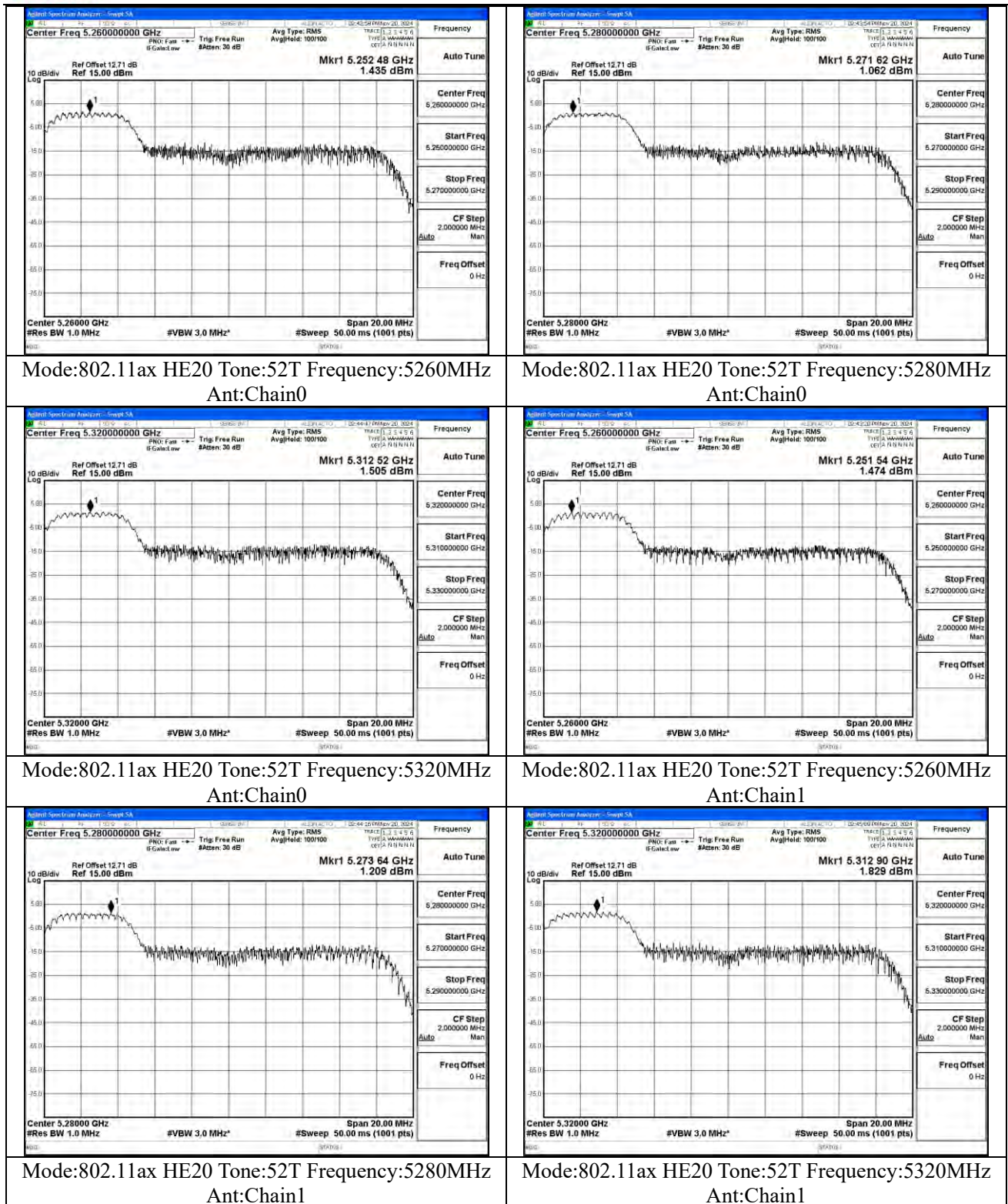
Test Mode: 802.11ac VHT20

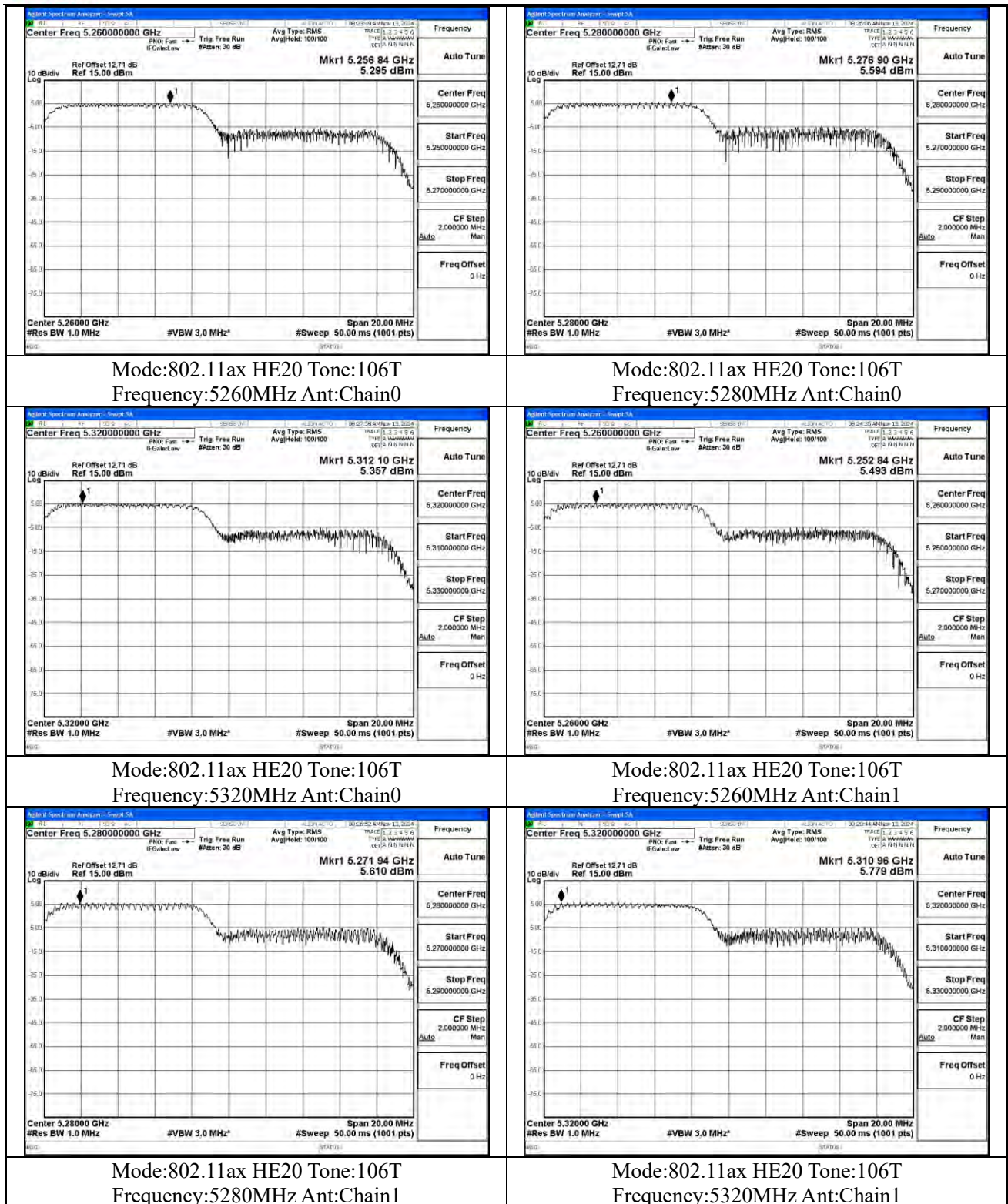


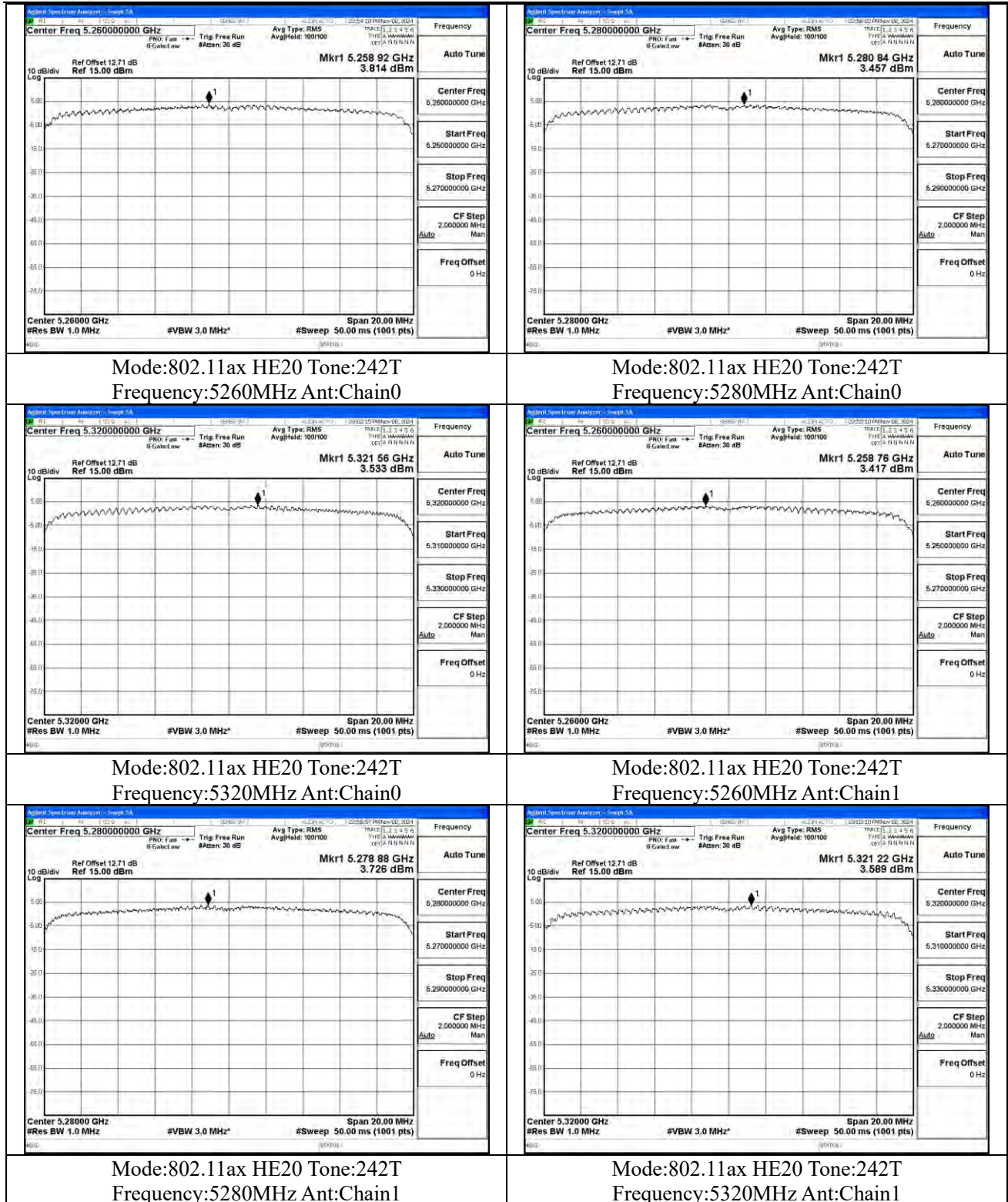


Test Mode: 802.11ax HE20



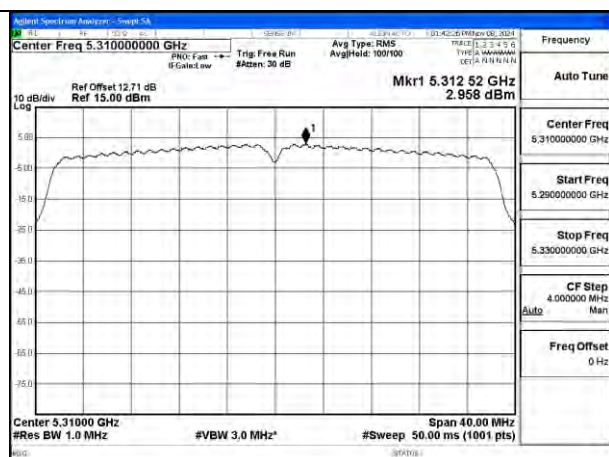
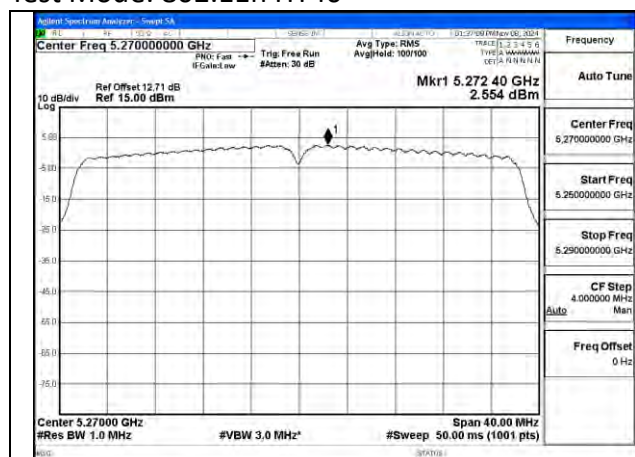






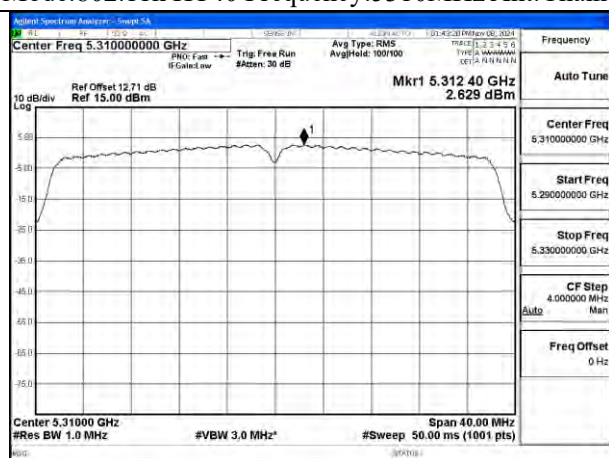
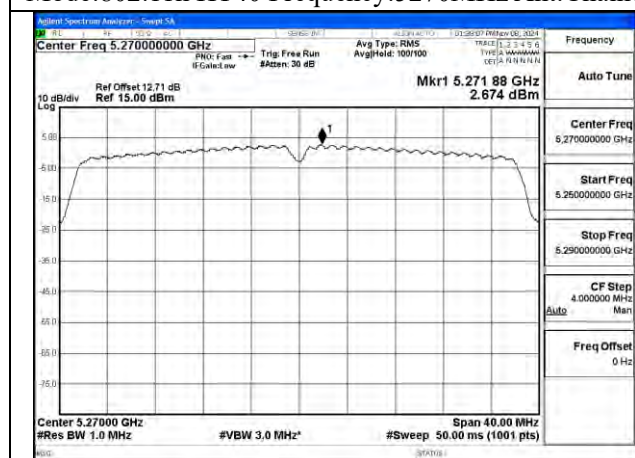


Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:5270MHz Ant:Chain0

Mode:802.11n HT40 Frequency:5310MHz Ant:Chain0

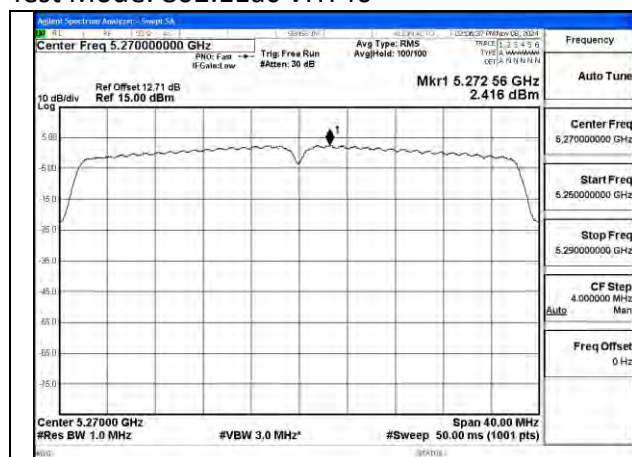


Mode:802.11n HT40 Frequency:5270MHz Ant:Chain1

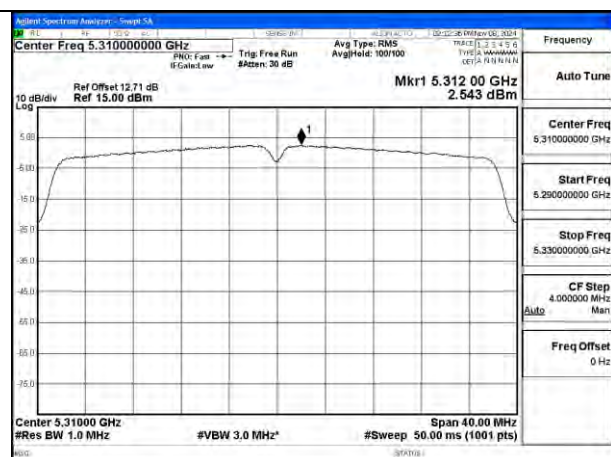
Mode:802.11n HT40 Frequency:5310MHz Ant:Chain1



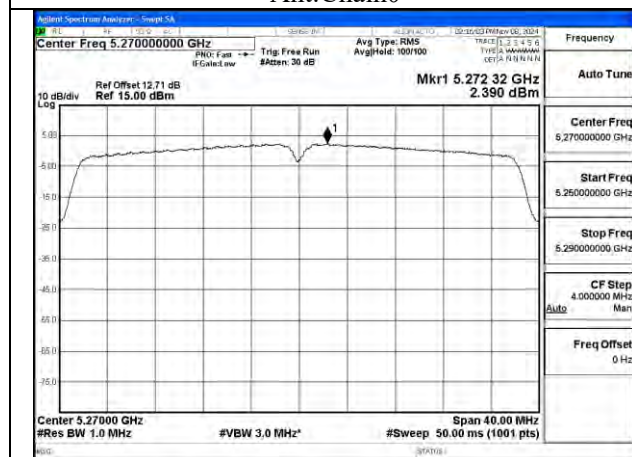
Test Mode: 802.11ac VHT40



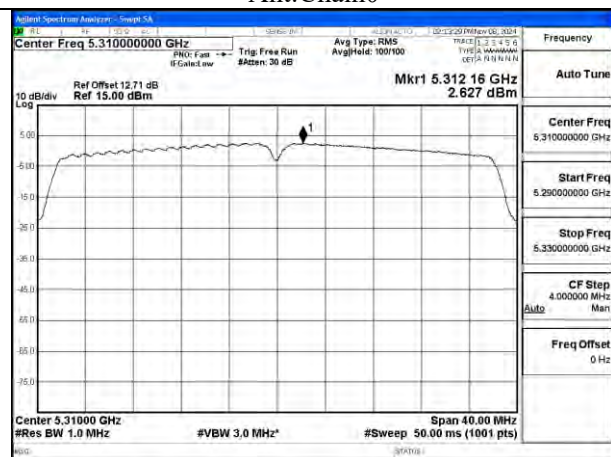
Mode:802.11ac VHT40 Frequency:5270MHz
Ant:Chain0



Mode:802.11ac VHT40 Frequency:5310MHz
Ant:Chain0



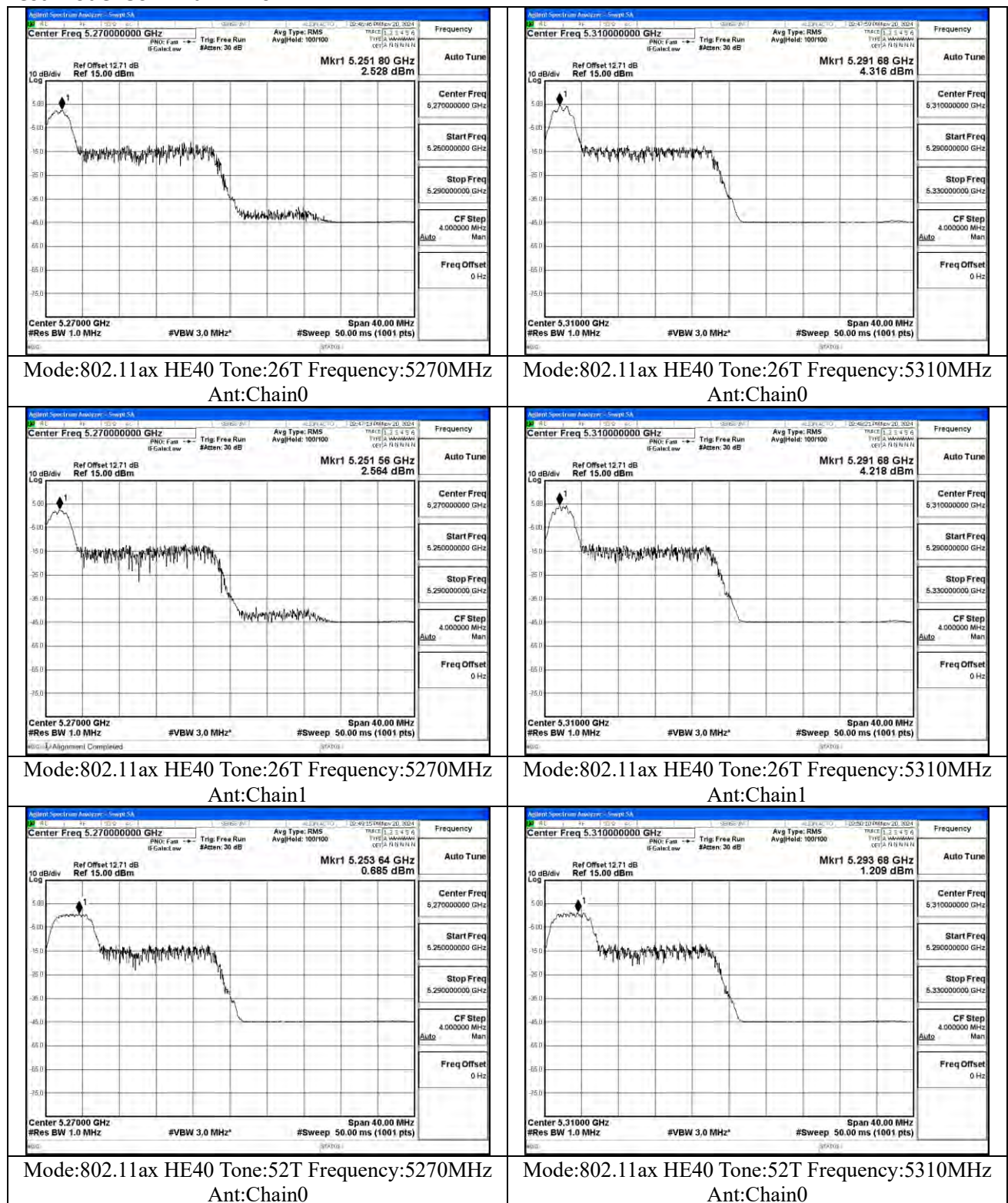
Mode:802.11ac VHT40 Frequency:5270MHz
Ant:Chain1

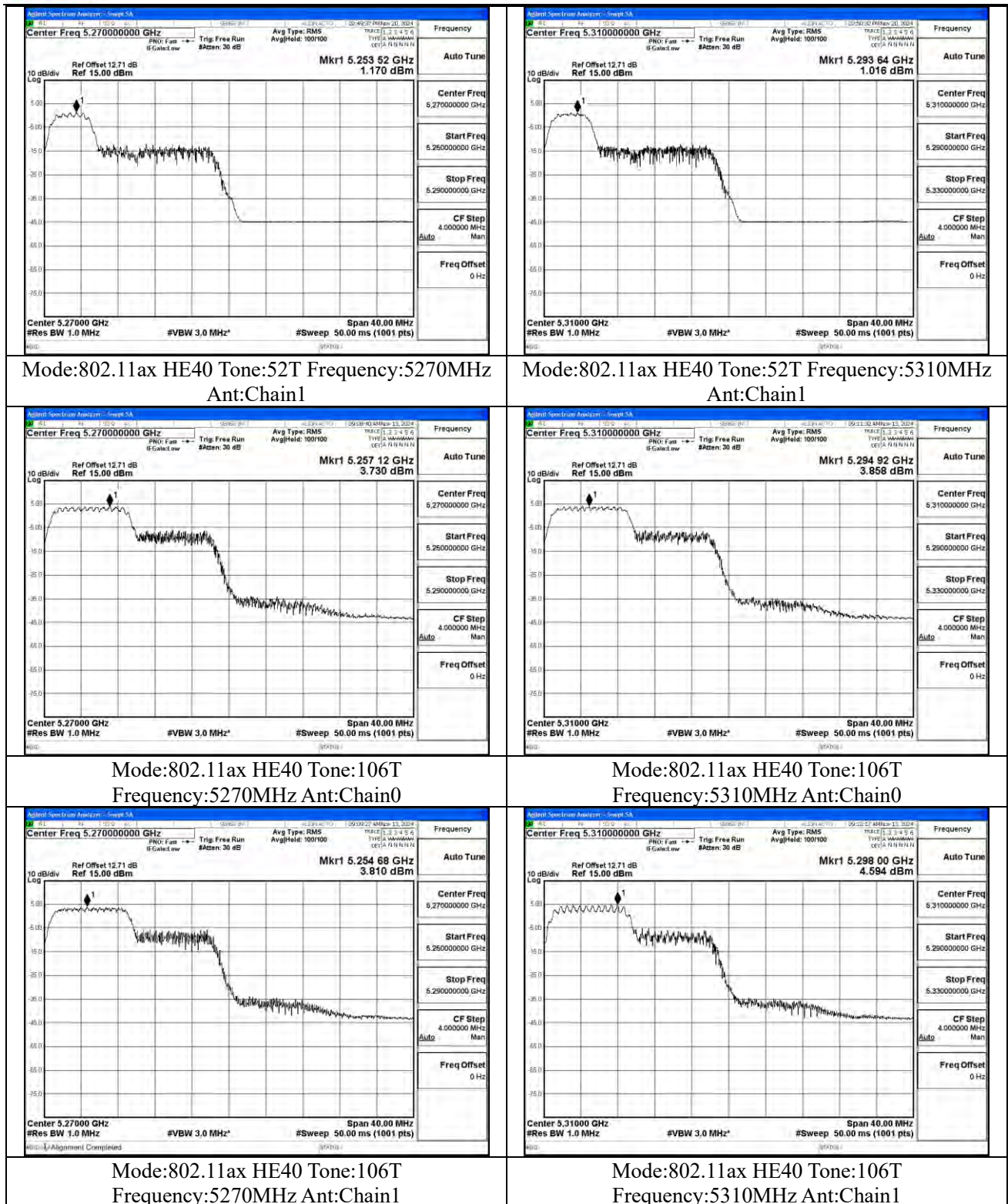


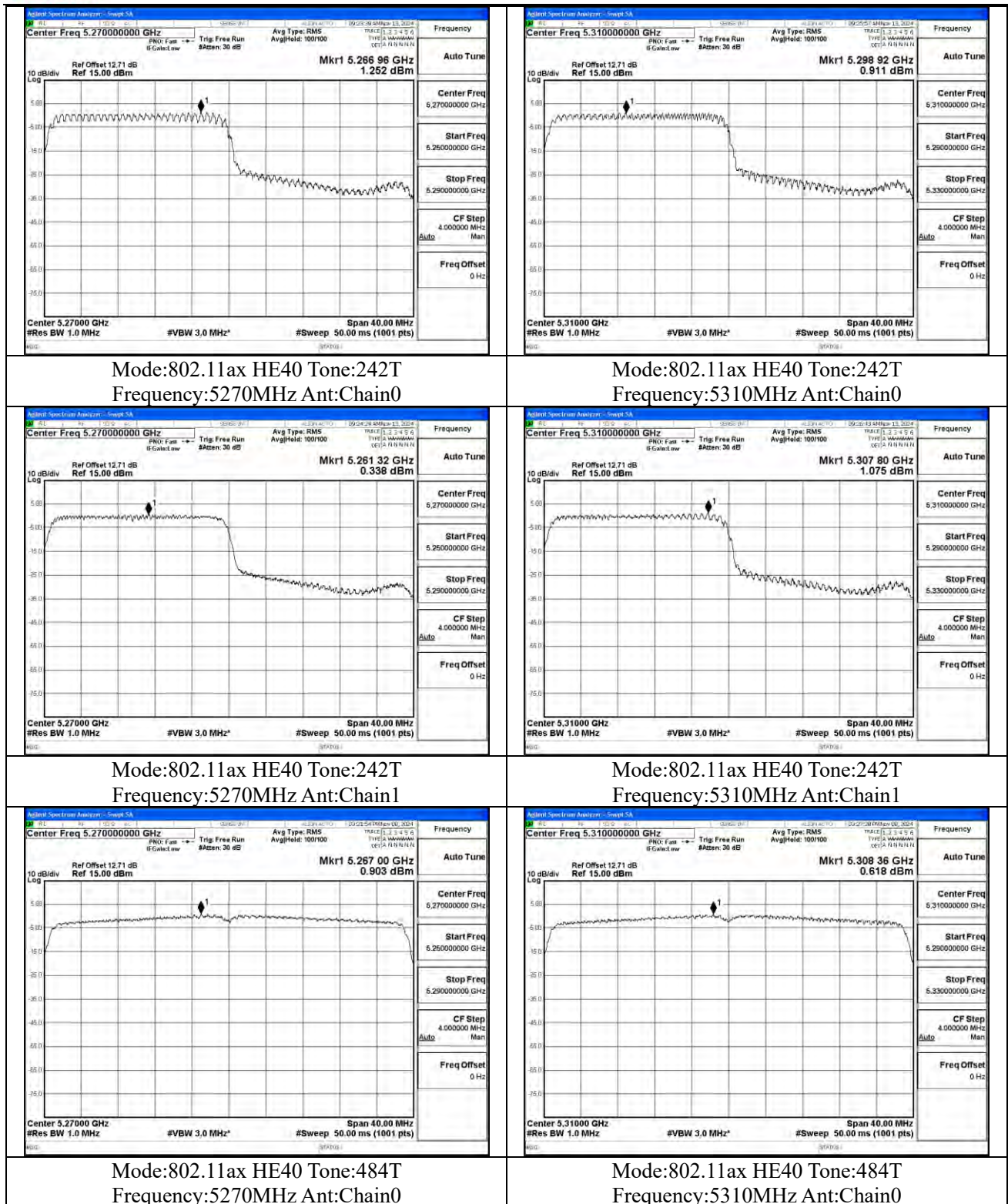
Mode:802.11ac VHT40 Frequency:5310MHz
Ant:Chain1



Test Mode: 802.11ax HE40



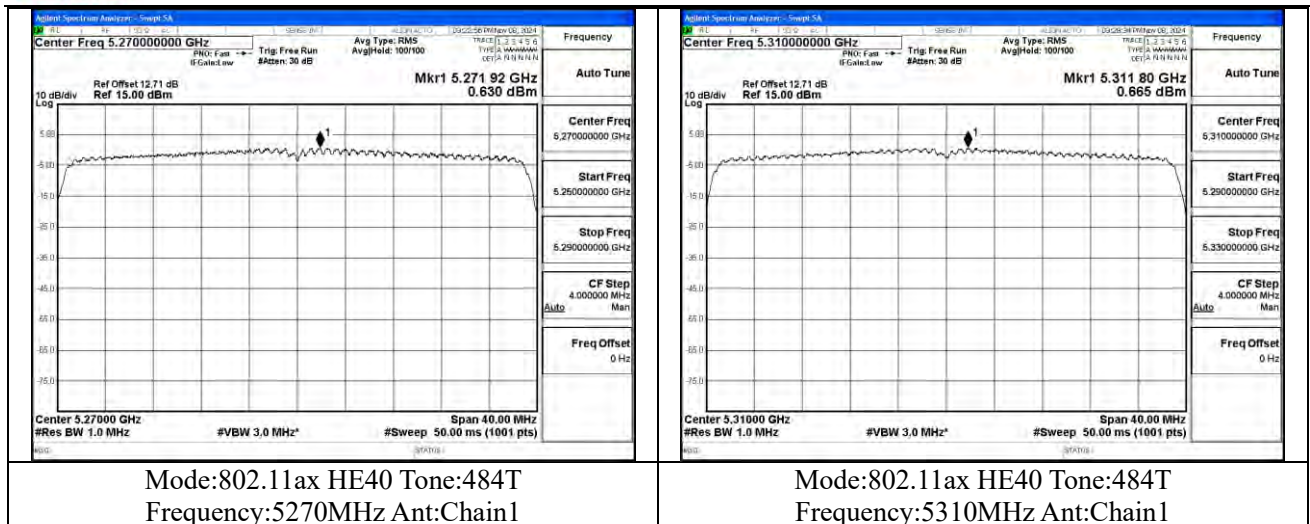






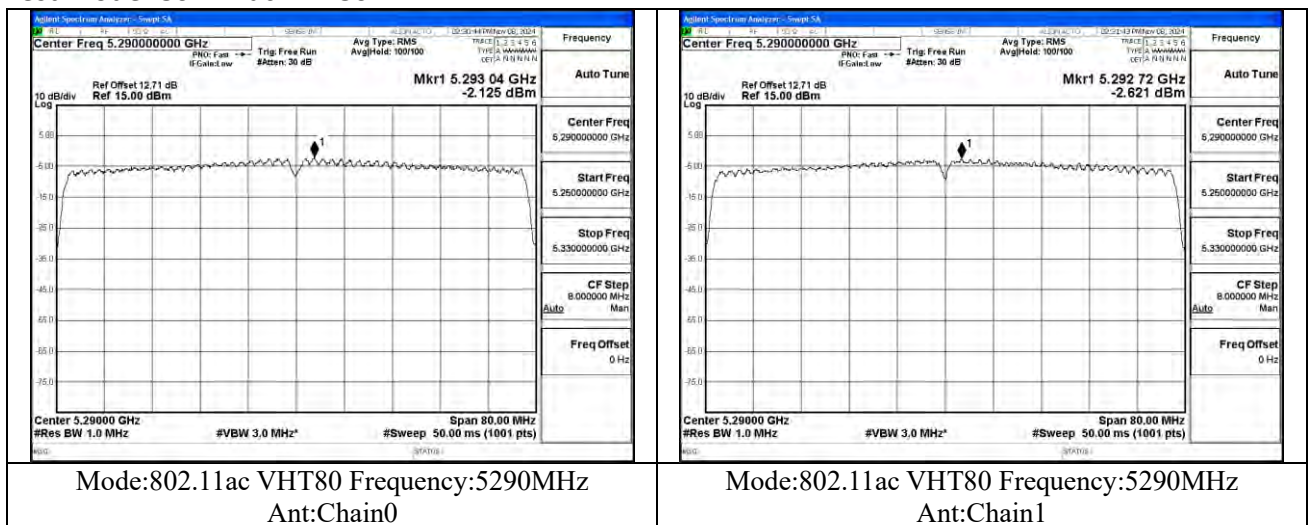
BUREAU
VERITAS

No.: W7L-P20241205-1RF04
FCC ID: 2AJVQ-MWH414S



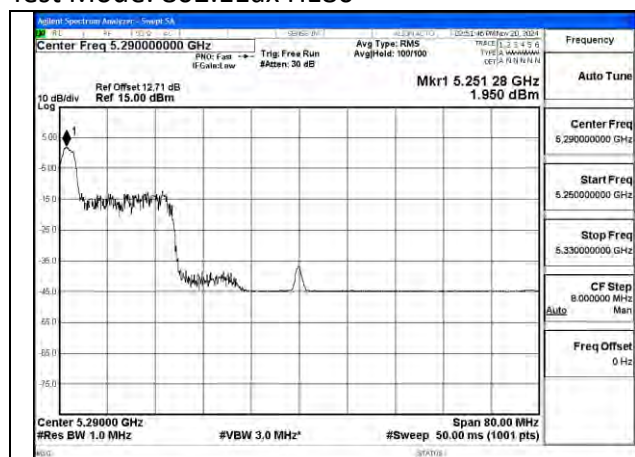


Test Mode: 802.11ac VHT80

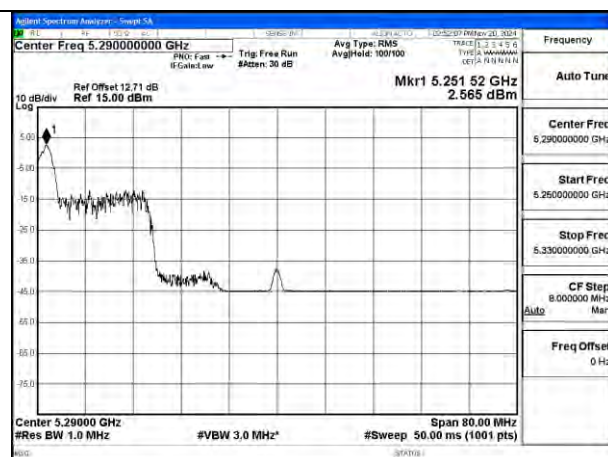




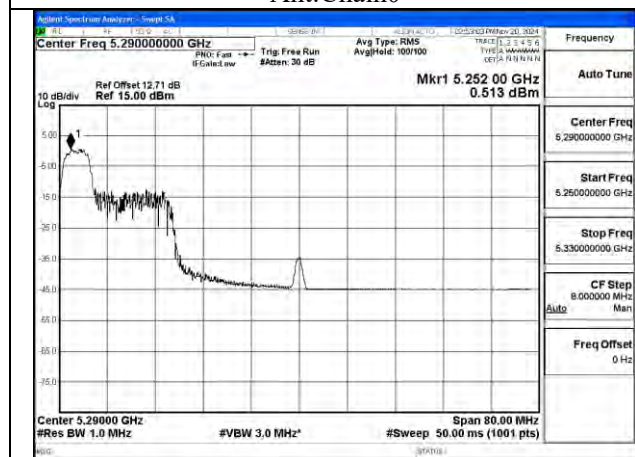
Test Mode: 802.11ax HE80



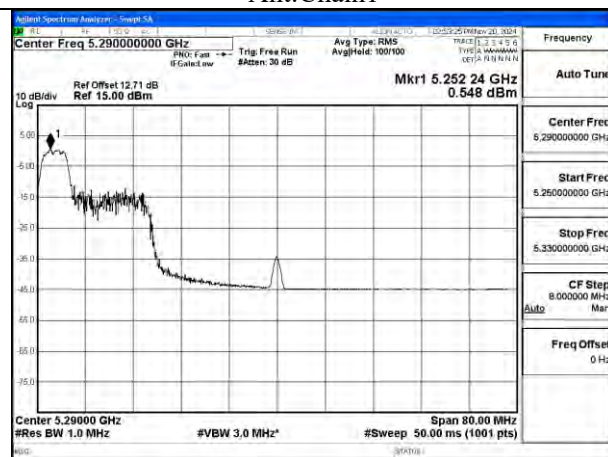
Mode:802.11ax HE80 Tone:26T Frequency:5290MHz
Ant:Chain0



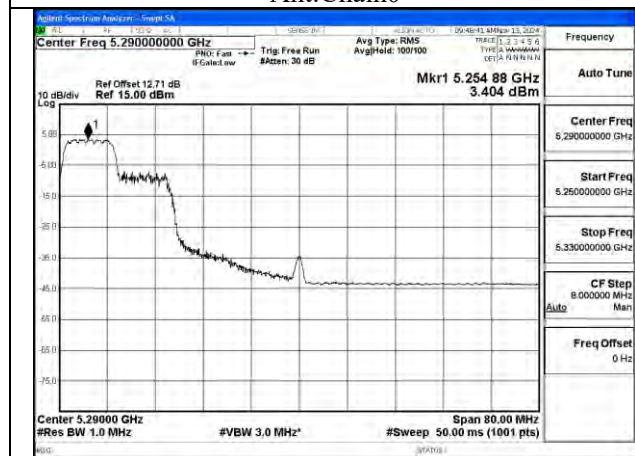
Mode:802.11ax HE80 Tone:26T Frequency:5290MHz
Ant:Chain1



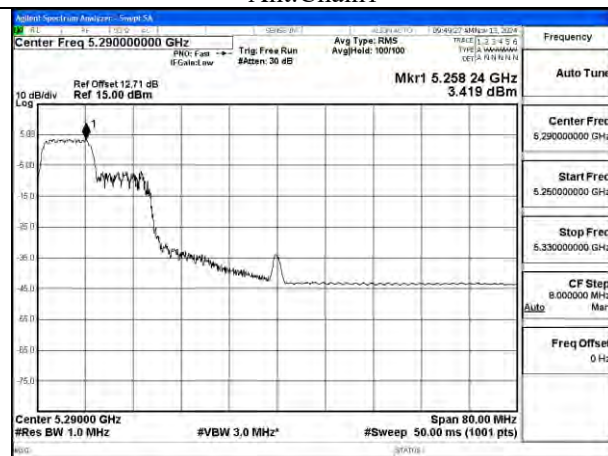
Mode:802.11ax HE80 Tone:52T Frequency:5290MHz
Ant:Chain0



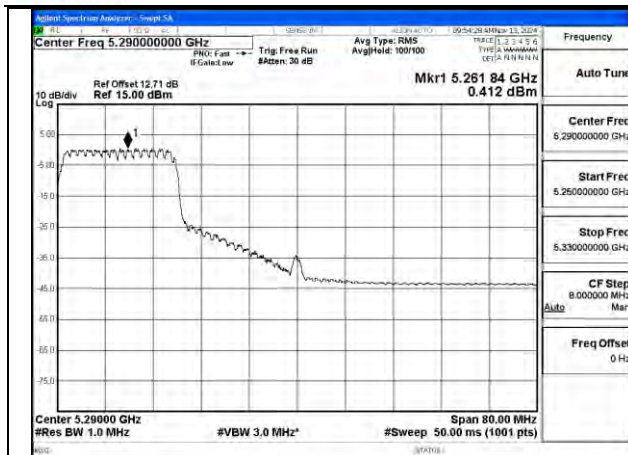
Mode:802.11ax HE80 Tone:52T Frequency:5290MHz
Ant:Chain1



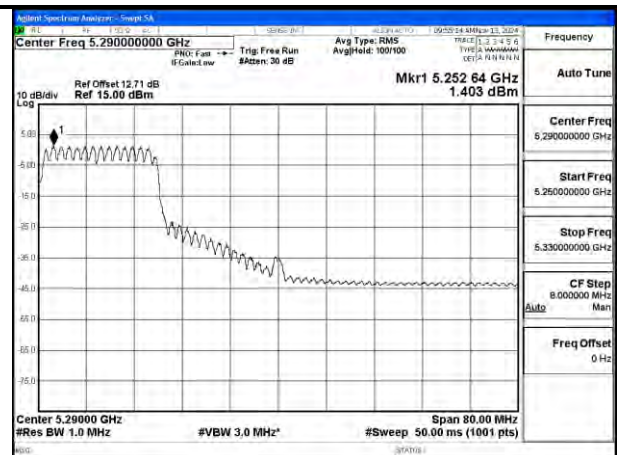
Mode:802.11ax HE80 Tone:106T
Frequency:5290MHz Ant:Chain0



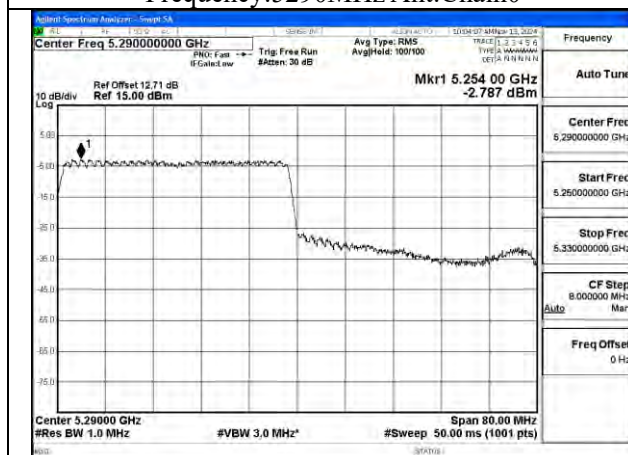
Mode:802.11ax HE80 Tone:106T
Frequency:5290MHz Ant:Chain1



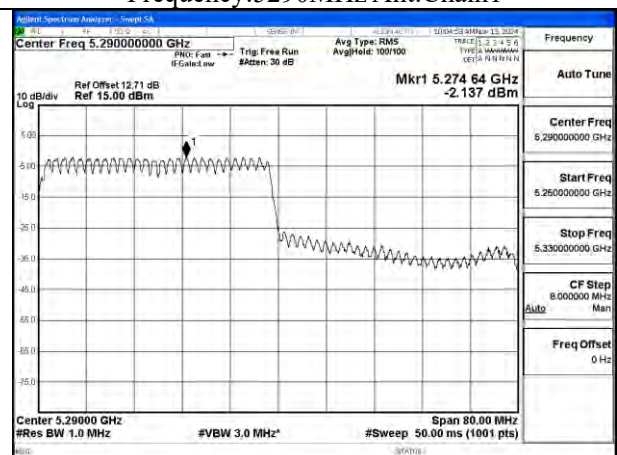
Mode:802.11ax HE80 Tone:242T
Frequency:5290MHz Ant:Chain0



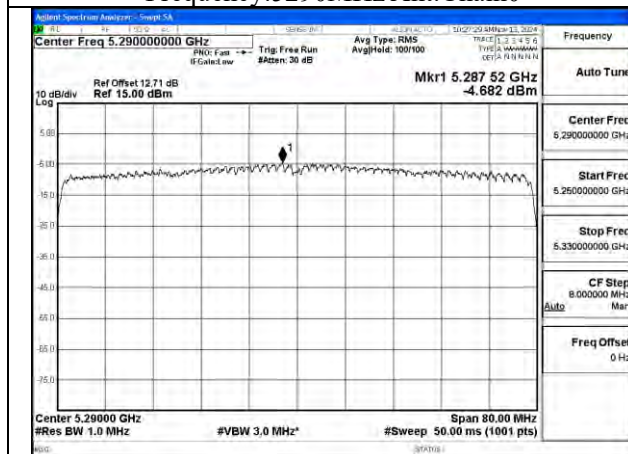
Mode:802.11ax HE80 Tone:242T
Frequency:5290MHz Ant:Chain1



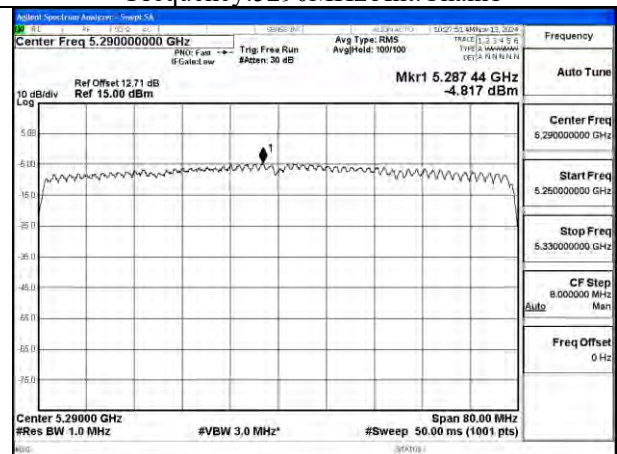
Mode:802.11ax HE80 Tone:484T
Frequency:5290MHz Ant:Chain0



Mode:802.11ax HE80 Tone:484T
Frequency:5290MHz Ant:Chain1



Mode:802.11ax HE80 Tone:996T
Frequency:5290MHz Ant:Chain0



Mode:802.11ax HE80 Tone:996T
Frequency:5290MHz Ant:Chain1