

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

RTL8852BE

Duty Cycle

Test Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)	Plot
802.11a	5260	98.59%	0	Fig.1
802.11a	5260	98.58%	0	Fig.2
802.11n HT20	5260	98.57%	0	Fig.3
802.11n HT20	5260	98.56%	0	Fig.4
802.11ac VHT20	5260	98.51%	0	Fig.5
802.11ac VHT20	5260	98.56%	0	Fig.6
802.11ax HE20	5260	98.32%	0	Fig.7
802.11ax HE20	5260	98.31%	0	Fig.8
802.11n HT40	5270	98.06%	0	Fig.9
802.11n HT40	5270	98.13%	0	Fig.10
802.11ac VHT40	5270	98.17%	0	Fig.11
802.11ac VHT40	5270	98.07%	0	Fig.12
802.11ax HE40	5270	98.04%	0	Fig.13
802.11ax HE40	5270	98.15%	0	Fig.14
802.11ac VHT80	5290	97.93%	0.09	Fig.15
802.11ac VHT80	5290	97.97%	0.09	Fig.16
802.11ax HE80	5290	97.96%	0.09	Fig.17
802.11ax HE80	5290	97.92%	0.09	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

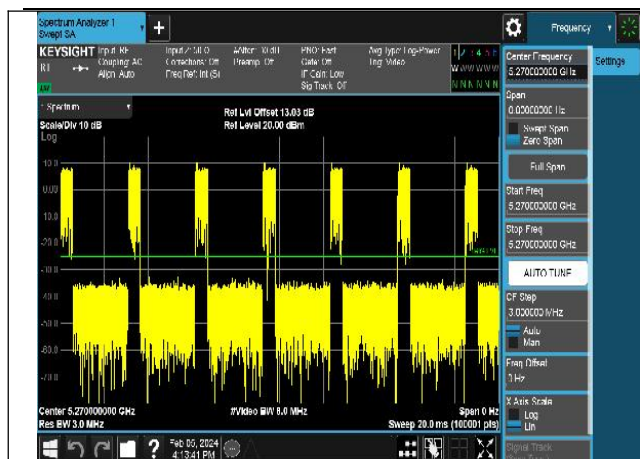


Fig.9

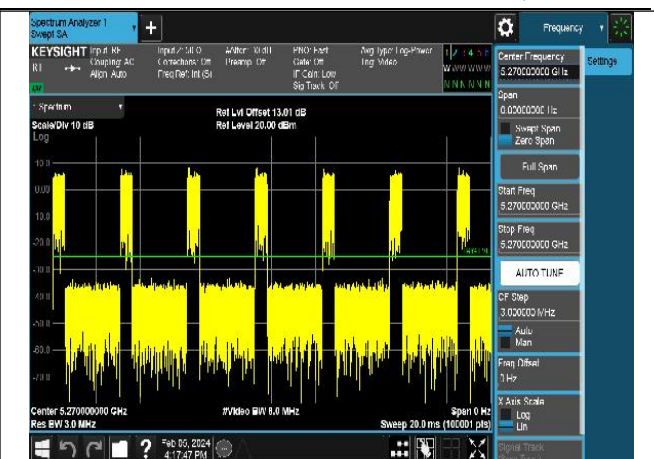


Fig.10



Fig.11

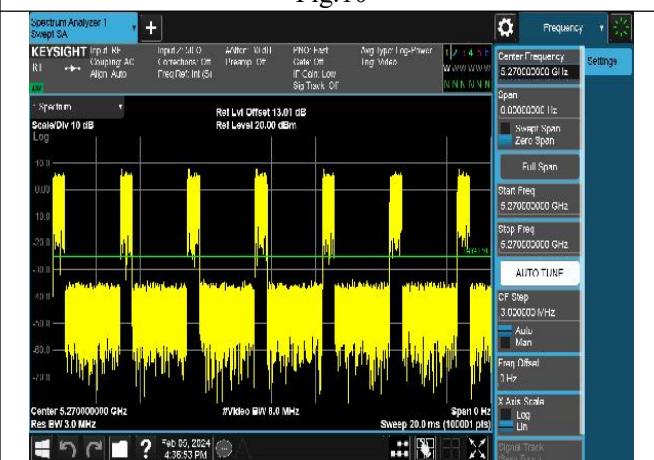


Fig.12

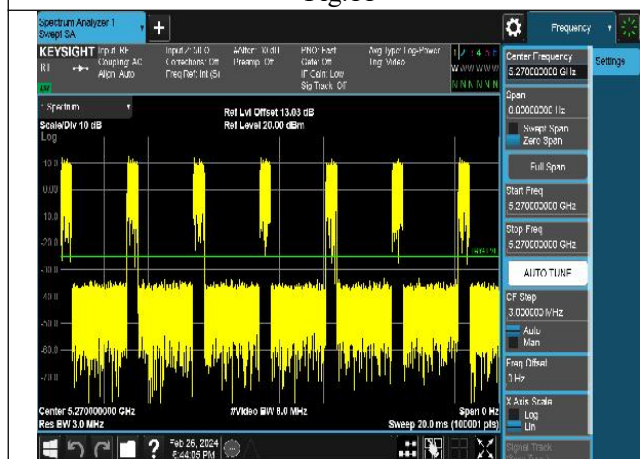


Fig.13

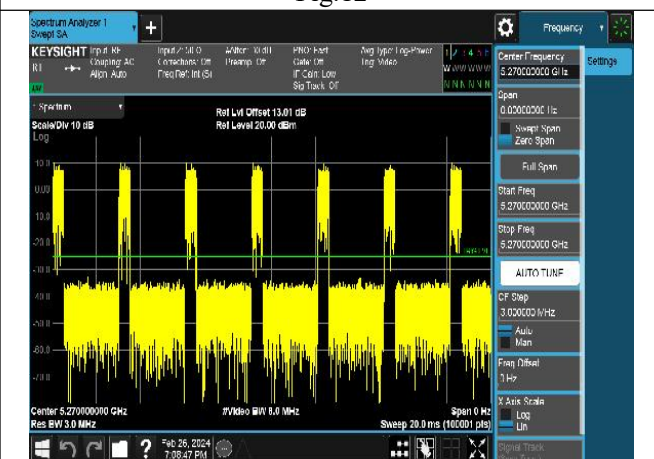


Fig.14



Fig.15



Fig.16



Fig.17



Fig.18

Output Power

Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Conducted average power output(dBm)	EIRP (dBm)
802.11a	NA	5260	Chain0	7.65	9.27
802.11a	NA	5260	Chain1	5.19	5.99
802.11a	NA	5280	Chain0	6.80	8.42
802.11a	NA	5280	Chain1	5.37	6.17
802.11a	NA	5320	Chain0	6.80	8.42
802.11a	NA	5320	Chain1	5.34	6.14
802.11n HT20	NA	5260	Chain0	7.69	9.31
802.11n HT20	NA	5260	Chain1	4.97	5.77
802.11n HT20	NA	5260	MIMO	9.55	10.78
802.11n HT20	NA	5280	Chain0	6.94	8.56
802.11n HT20	NA	5280	Chain1	4.49	5.29
802.11n HT20	NA	5280	MIMO	8.90	10.13
802.11n HT20	NA	5320	Chain0	6.38	8.00
802.11n HT20	NA	5320	Chain1	4.78	5.58
802.11n HT20	NA	5320	MIMO	8.66	9.89
802.11ac VHT20	NA	5260	Chain0	7.97	9.59
802.11ac VHT20	NA	5260	Chain1	4.96	5.76
802.11ac VHT20	NA	5260	MIMO	9.73	10.96
802.11ac VHT20	NA	5280	Chain0	6.90	8.52
802.11ac VHT20	NA	5280	Chain1	5.37	6.17
802.11ac VHT20	NA	5280	MIMO	9.21	10.44
802.11ac VHT20	NA	5320	Chain0	6.96	8.58
802.11ac VHT20	NA	5320	Chain1	5.17	5.97
802.11ac VHT20	NA	5320	MIMO	9.17	10.40
802.11n HT40	NA	5270	Chain0	4.47	6.09
802.11n HT40	NA	5270	Chain1	3.36	4.16
802.11n HT40	NA	5270	MIMO	6.96	8.19
802.11n HT40	NA	5310	Chain0	4.37	5.99
802.11n HT40	NA	5310	Chain1	2.20	3.00
802.11n HT40	NA	5310	MIMO	6.43	7.66
802.11ac VHT40	NA	5270	Chain0	5.00	6.62
802.11ac VHT40	NA	5270	Chain1	2.81	3.61
802.11ac VHT40	NA	5270	MIMO	7.05	8.28
802.11ac VHT40	NA	5310	Chain0	4.93	6.55
802.11ac VHT40	NA	5310	Chain1	2.80	3.60
802.11ac VHT40	NA	5310	MIMO	7.00	8.23
802.11ac VHT80	NA	5290	Chain0	1.48	3.10
802.11ac VHT80	NA	5290	Chain1	0.43	1.23
802.11ac VHT80	NA	5290	MIMO	4.00	5.23

Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Conducted average	EIRP (dBm)
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				power output(dBm)	
802.11ax HE20	26T 0	5260	Chain0	6.72	8.34
802.11ax HE20	26T 0	5260	Chain1	7.79	8.59
802.11ax HE20	26T 0	5260	MIMO	10.30	11.53
802.11ax HE20	26T 0	5280	Chain0	7.72	9.34
802.11ax HE20	26T 0	5280	Chain1	7.94	8.74
802.11ax HE20	26T 0	5280	MIMO	10.84	12.07
802.11ax HE20	26T 0	5320	Chain0	7.77	9.39
802.11ax HE20	26T 0	5320	Chain1	4.89	5.69
802.11ax HE20	26T 0	5320	MIMO	9.57	10.80
802.11ax HE20	26T 4	5260	Chain0	7.71	9.33
802.11ax HE20	26T 4	5260	Chain1	7.32	8.12
802.11ax HE20	26T 4	5260	MIMO	10.53	11.76
802.11ax HE20	26T 4	5280	Chain0	5.99	7.61
802.11ax HE20	26T 4	5280	Chain1	8.57	9.37
802.11ax HE20	26T 4	5280	MIMO	10.48	11.71
802.11ax HE20	26T 4	5320	Chain0	8.50	10.12
802.11ax HE20	26T 4	5320	Chain1	5.63	6.43
802.11ax HE20	26T 4	5320	MIMO	10.31	11.54
802.11ax HE20	26T 8	5260	Chain0	7.44	9.06
802.11ax HE20	26T 8	5260	Chain1	7.81	8.61
802.11ax HE20	26T 8	5260	MIMO	10.64	11.87
802.11ax HE20	26T 8	5280	Chain0	6.97	8.59
802.11ax HE20	26T 8	5280	Chain1	7.04	7.84
802.11ax HE20	26T 8	5280	MIMO	10.02	11.25
802.11ax HE20	26T 8	5320	Chain0	7.06	8.68
802.11ax HE20	26T 8	5320	Chain1	5.07	5.87
802.11ax HE20	26T 8	5320	MIMO	9.19	10.42
802.11ax HE20	52T 37	5260	Chain0	7.72	9.34
802.11ax HE20	52T 37	5260	Chain1	6.96	7.76
802.11ax HE20	52T 37	5260	MIMO	10.37	11.60
802.11ax HE20	52T 37	5280	Chain0	7.21	8.83
802.11ax HE20	52T 37	5280	Chain1	7.58	8.38
802.11ax HE20	52T 37	5280	MIMO	10.41	11.64
802.11ax HE20	52T 37	5320	Chain0	7.31	8.93
802.11ax HE20	52T 37	5320	Chain1	6.25	7.05
802.11ax HE20	52T 37	5320	MIMO	9.82	11.05
802.11ax HE20	52T 39	5260	Chain0	6.40	8.02
802.11ax HE20	52T 39	5260	Chain1	7.07	7.87
802.11ax HE20	52T 39	5260	MIMO	9.76	10.99
802.11ax HE20	52T 39	5280	Chain0	7.80	9.42
802.11ax HE20	52T 39	5280	Chain1	8.23	9.03
802.11ax HE20	52T 39	5280	MIMO	11.03	12.26
802.11ax HE20	52T 39	5320	Chain0	7.57	9.19
802.11ax HE20	52T 39	5320	Chain1	4.89	5.69

802.11ax HE20	52T 39	5320	MIMO	9.44	10.67
802.11ax HE20	52T 40	5260	Chain0	6.91	8.53
802.11ax HE20	52T 40	5260	Chain1	7.75	8.55
802.11ax HE20	52T 40	5260	MIMO	10.36	11.59
802.11ax HE20	52T 40	5280	Chain0	7.63	9.25
802.11ax HE20	52T 40	5280	Chain1	7.12	7.92
802.11ax HE20	52T 40	5280	MIMO	10.39	11.62
802.11ax HE20	52T 40	5320	Chain0	8.03	9.65
802.11ax HE20	52T 40	5320	Chain1	5.52	6.32
802.11ax HE20	52T 40	5320	MIMO	9.96	11.19
802.11ax HE20	106T 53	5260	Chain0	7.41	9.03
802.11ax HE20	106T 53	5260	Chain1	6.21	7.01
802.11ax HE20	106T 53	5260	MIMO	9.86	11.09
802.11ax HE20	106T 53	5280	Chain0	7.90	9.52
802.11ax HE20	106T 53	5280	Chain1	8.41	9.21
802.11ax HE20	106T 53	5280	MIMO	11.17	12.40
802.11ax HE20	106T 53	5320	Chain0	7.02	8.64
802.11ax HE20	106T 53	5320	Chain1	5.10	5.90
802.11ax HE20	106T 53	5320	MIMO	9.18	10.41
802.11ax HE20	106T 54	5260	Chain0	7.72	9.34
802.11ax HE20	106T 54	5260	Chain1	6.89	7.69
802.11ax HE20	106T 54	5260	MIMO	10.34	11.57
802.11ax HE20	106T 54	5280	Chain0	8.23	9.85
802.11ax HE20	106T 54	5280	Chain1	7.61	8.41
802.11ax HE20	106T 54	5280	MIMO	10.94	12.17
802.11ax HE20	106T 54	5320	Chain0	7.18	8.80
802.11ax HE20	106T 54	5320	Chain1	4.98	5.78
802.11ax HE20	106T 54	5320	MIMO	9.23	10.46
802.11ax HE20	242T 61	5260	Chain0	7.78	9.40
802.11ax HE20	242T 61	5260	Chain1	8.58	9.38
802.11ax HE20	242T 61	5260	MIMO	11.21	12.44
802.11ax HE20	242T 61	5280	Chain0	7.01	8.63
802.11ax HE20	242T 61	5280	Chain1	6.37	7.17
802.11ax HE20	242T 61	5280	MIMO	10.62	11.85
802.11ax HE20	242T 61	5320	Chain0	7.58	9.20
802.11ax HE20	242T 61	5320	Chain1	4.52	5.32
802.11ax HE20	242T 61	5320	MIMO	9.32	10.55
802.11ax HE40	26T 0	5270	Chain0	4.87	6.49
802.11ax HE40	26T 0	5270	Chain1	-3.48	-2.68
802.11ax HE40	26T 0	5270	MIMO	5.46	6.69
802.11ax HE40	26T 0	5310	Chain0	6.68	8.30
802.11ax HE40	26T 0	5310	Chain1	-3.56	-2.76
802.11ax HE40	26T 0	5310	MIMO	7.07	8.30
802.11ax HE40	26T 10	5270	Chain0	6.87	8.49
802.11ax HE40	26T 10	5270	Chain1	-5.39	-4.59
802.11ax HE40	26T 10	5270	MIMO	7.12	8.35

802.11ax HE40	26T 10	5310	Chain0	3.68	5.30
802.11ax HE40	26T 10	5310	Chain1	3.31	4.11
802.11ax HE40	26T 10	5310	MIMO	6.51	7.74
802.11ax HE40	26T 17	5270	Chain0	5.52	7.14
802.11ax HE40	26T 17	5270	Chain1	4.77	5.57
802.11ax HE40	26T 17	5270	MIMO	8.17	9.40
802.11ax HE40	26T 17	5310	Chain0	4.42	6.04
802.11ax HE40	26T 17	5310	Chain1	6.11	6.91
802.11ax HE40	26T 17	5310	MIMO	8.36	9.59
802.11ax HE40	52T 37	5270	Chain0	3.51	5.13
802.11ax HE40	52T 37	5270	Chain1	2.77	3.57
802.11ax HE40	52T 37	5270	MIMO	6.17	7.40
802.11ax HE40	52T 37	5310	Chain0	8.21	9.83
802.11ax HE40	52T 37	5310	Chain1	3.99	4.79
802.11ax HE40	52T 37	5310	MIMO	9.60	10.83
802.11ax HE40	52T 41	5270	Chain0	7.45	9.07
802.11ax HE40	52T 41	5270	Chain1	2.98	3.78
802.11ax HE40	52T 41	5270	MIMO	8.78	10.01
802.11ax HE40	52T 41	5310	Chain0	5.10	6.72
802.11ax HE40	52T 41	5310	Chain1	3.95	4.75
802.11ax HE40	52T 41	5310	MIMO	7.57	8.80
802.11ax HE40	52T 44	5270	Chain0	5.52	7.14
802.11ax HE40	52T 44	5270	Chain1	0.78	1.58
802.11ax HE40	52T 44	5270	MIMO	6.78	8.01
802.11ax HE40	52T 44	5310	Chain0	5.87	7.49
802.11ax HE40	52T 44	5310	Chain1	0.98	1.78
802.11ax HE40	52T 44	5310	MIMO	7.09	8.32
802.11ax HE40	106T 53	5270	Chain0	7.71	9.33
802.11ax HE40	106T 53	5270	Chain1	3.92	4.72
802.11ax HE40	106T 53	5270	MIMO	9.23	10.46
802.11ax HE40	106T 53	5310	Chain0	6.38	8.00
802.11ax HE40	106T 53	5310	Chain1	4.17	4.97
802.11ax HE40	106T 53	5310	MIMO	8.42	9.65
802.11ax HE40	106T 55	5270	Chain0	7.48	9.10
802.11ax HE40	106T 55	5270	Chain1	4.24	5.04
802.11ax HE40	106T 55	5270	MIMO	9.17	10.40
802.11ax HE40	106T 55	5310	Chain0	0.92	2.54
802.11ax HE40	106T 55	5310	Chain1	4.42	5.22
802.11ax HE40	106T 55	5310	MIMO	6.02	7.25
802.11ax HE40	106T 56	5270	Chain0	5.96	7.58
802.11ax HE40	106T 56	5270	Chain1	5.24	6.04
802.11ax HE40	106T 56	5270	MIMO	8.63	9.86
802.11ax HE40	106T 56	5310	Chain0	6.50	8.12
802.11ax HE40	106T 56	5310	Chain1	-1.07	-0.27
802.11ax HE40	106T 56	5310	MIMO	7.20	8.43
802.11ax HE40	242T 61	5270	Chain0	2.54	4.16

802.11ax HE40	242T 61	5270	Chain1	6.30	7.10
802.11ax HE40	242T 61	5270	MIMO	7.83	9.06
802.11ax HE40	242T 61	5310	Chain0	6.24	7.86
802.11ax HE40	242T 61	5310	Chain1	3.04	3.84
802.11ax HE40	242T 61	5310	MIMO	7.94	9.17
802.11ax HE40	242T 62	5270	Chain0	8.20	9.82
802.11ax HE40	242T 62	5270	Chain1	5.16	5.96
802.11ax HE40	242T 62	5270	MIMO	9.95	11.18
802.11ax HE40	242T 62	5310	Chain0	5.29	6.91
802.11ax HE40	242T 62	5310	Chain1	5.12	5.92
802.11ax HE40	242T 62	5310	MIMO	8.22	9.45
802.11ax HE40	484T 65	5270	Chain0	4.92	6.54
802.11ax HE40	484T 65	5270	Chain1	2.00	2.80
802.11ax HE40	484T 65	5270	MIMO	6.71	7.94
802.11ax HE40	484T 65	5310	Chain0	4.29	5.91
802.11ax HE40	484T 65	5310	Chain1	4.33	5.13
802.11ax HE40	484T 65	5310	MIMO	7.32	8.55
802.11ax HE80	26T 0	5290	Chain0	4.05	5.67
802.11ax HE80	26T 0	5290	Chain1	2.24	3.04
802.11ax HE80	26T 0	5290	MIMO	6.25	7.48
802.11ax HE80	26T 18	5290	Chain0	3.97	5.59
802.11ax HE80	26T 18	5290	Chain1	1.18	1.98
802.11ax HE80	26T 18	5290	MIMO	5.81	7.04
802.11ax HE80	26T 36	5290	Chain0	4.01	5.63
802.11ax HE80	26T 36	5290	Chain1	1.80	2.60
802.11ax HE80	26T 36	5290	MIMO	6.05	7.28
802.11ax HE80	52T 37	5290	Chain0	3.35	4.97
802.11ax HE80	52T 37	5290	Chain1	1.87	2.67
802.11ax HE80	52T 37	5290	MIMO	5.68	6.91
802.11ax HE80	52T 45	5290	Chain0	4.45	6.07
802.11ax HE80	52T 45	5290	Chain1	0.93	1.73
802.11ax HE80	52T 45	5290	MIMO	6.05	7.28
802.11ax HE80	52T 52	5290	Chain0	2.67	4.29
802.11ax HE80	52T 52	5290	Chain1	2.42	3.22
802.11ax HE80	52T 52	5290	MIMO	5.56	6.79
802.11ax HE80	106T 53	5290	Chain0	3.51	5.13
802.11ax HE80	106T 53	5290	Chain1	1.86	2.66
802.11ax HE80	106T 53	5290	MIMO	5.77	7.00
802.11ax HE80	106T 57	5290	Chain0	4.68	6.30
802.11ax HE80	106T 57	5290	Chain1	1.80	2.60
802.11ax HE80	106T 57	5290	MIMO	6.48	7.71
802.11ax HE80	106T 60	5290	Chain0	4.10	5.72
802.11ax HE80	106T 60	5290	Chain1	1.15	1.95
802.11ax HE80	106T 60	5290	MIMO	5.88	7.11
802.11ax HE80	242T 61	5290	Chain0	3.90	5.52
802.11ax HE80	242T 61	5290	Chain1	2.13	2.93

802.11ax HE80	242T 61	5290	MIMO	6.11	7.34
802.11ax HE80	242T 63	5290	Chain0	4.16	5.78
802.11ax HE80	242T 63	5290	Chain1	2.29	3.09
802.11ax HE80	242T 63	5290	MIMO	6.34	7.57
802.11ax HE80	242T 64	5290	Chain0	3.60	5.22
802.11ax HE80	242T 64	5290	Chain1	0.73	1.53
802.11ax HE80	242T 64	5290	MIMO	5.41	6.64
802.11ax HE80	484T 65	5290	Chain0	3.58	5.20
802.11ax HE80	484T 65	5290	Chain1	1.84	2.64
802.11ax HE80	484T 65	5290	MIMO	5.81	7.04
802.11ax HE80	484T 66	5290	Chain0	4.09	5.71
802.11ax HE80	484T 66	5290	Chain1	2.54	3.34
802.11ax HE80	484T 66	5290	MIMO	6.39	7.62
802.11ax HE80	996T 67	5290	Chain0	4.72	6.34
802.11ax HE80	996T 67	5290	Chain1	1.40	2.20
802.11ax HE80	996T 67	5290	MIMO	6.38	7.61

Emission Bandwidth

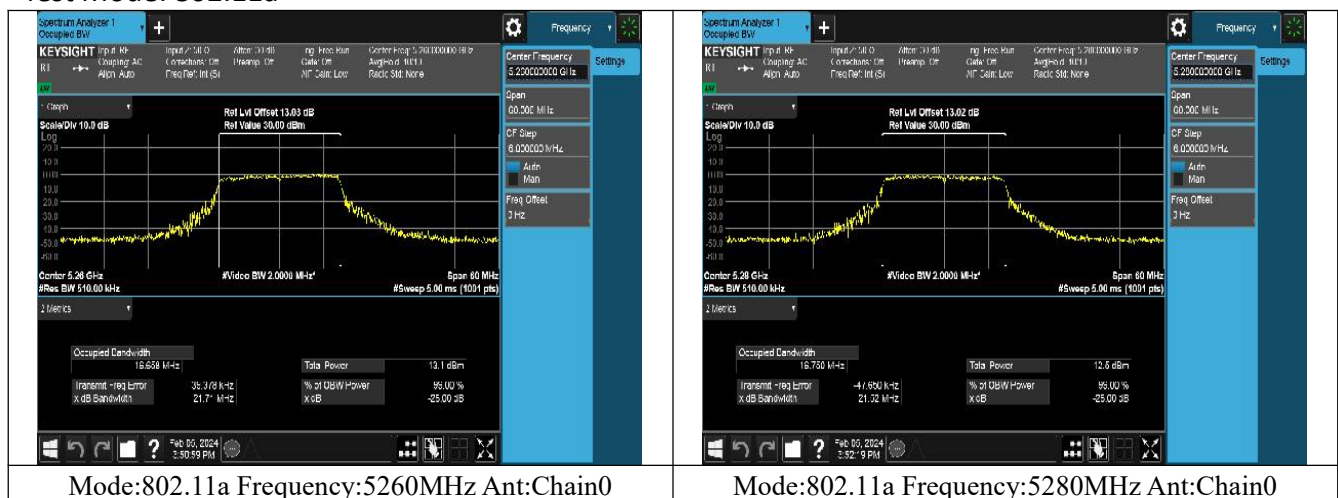
Offset 0dB = Attenuator + Temporary antenna connector loss + Cable loss

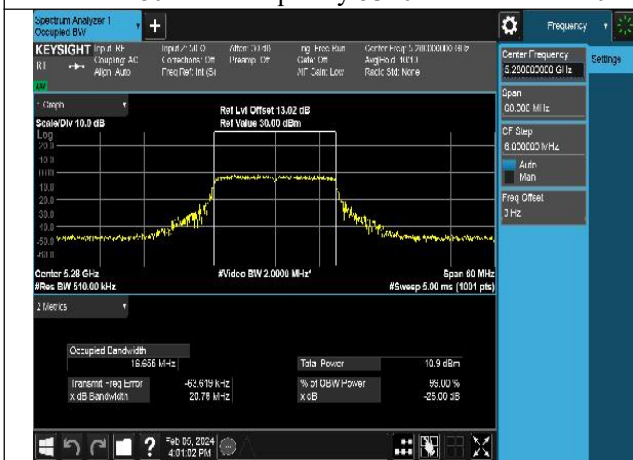
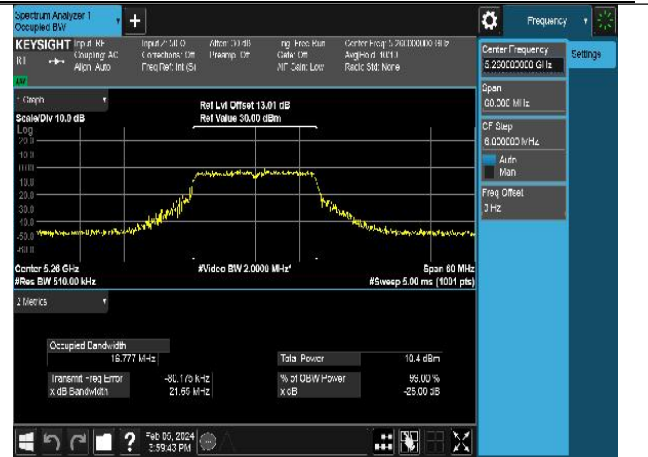
Test Mode	Antenna	26dB Bandwidth (MHz)		
		5260MHz	5280MHz	5320MHz
802.11a	Chain0	21.71	21.52	21.68
802.11a	Chain1	21.65	20.78	22.64
802.11n HT20	Chain0	20.71	21.66	23.11
802.11n HT20	Chain1	22.87	23.21	23.03
802.11ac VHT20	Chain0	21.47	22.17	22.35
802.11ac VHT20	Chain1	21.37	21.30	21.81
802.11ax HE20	Chain0	21.61	22.16	22.02
802.11ax HE20	Chain1	21.79	22.16	21.78

Test Mode	Antenna	26dB Bandwidth (MHz)		
		5270MHz	---	5310MHz
802.11n HT40	Chain0	41.77	---	43.05
802.11n HT40	Chain1	43.81	---	43.48
802.11ac VHT40	Chain0	41.68	---	42.30
802.11ac VHT40	Chain1	43.49	---	42.82
802.11ax HE40	Chain0	41.82	---	43.31
802.11ax HE40	Chain1	42.21	---	41.86

Test Mode	Antenna	26dB Bandwidth (MHz)		
		5290MHz	---	---
802.11ac VHT80	Chain0	80.82	---	---
802.11ac VHT80	Chain1	81.59	---	---
802.11ax HE80	Chain0	82.38	---	---
802.11ax HE80	Chain1	82.77	---	---

Test Mode: 802.11a



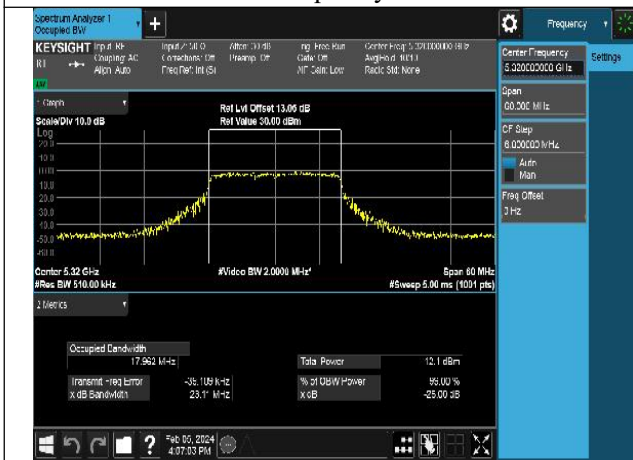


Test Mode: 802.11n HT20



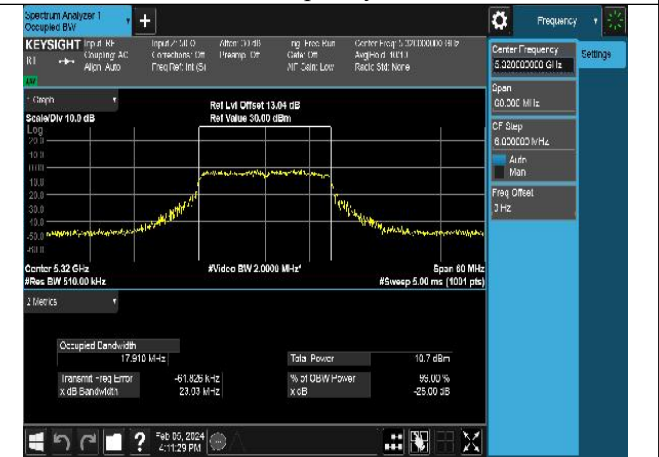
Mode:802.11n HT20 Frequency:5260MHz Ant:Chain0

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



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

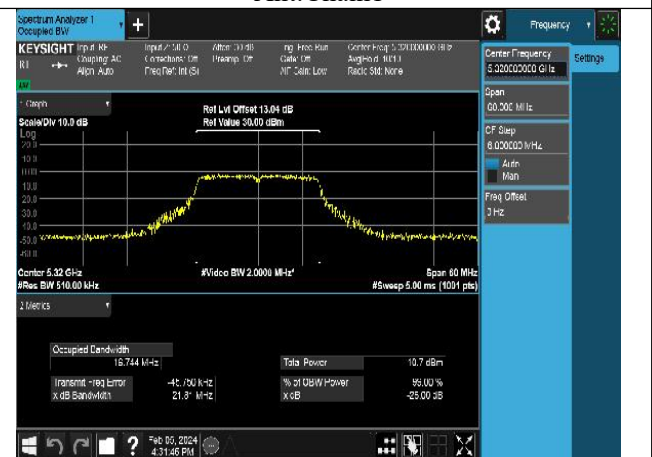
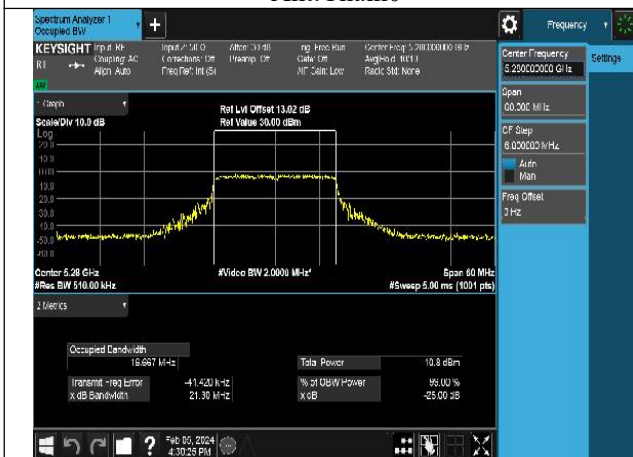
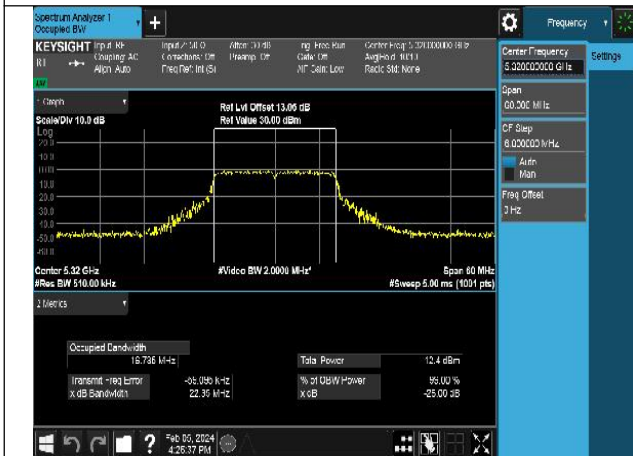
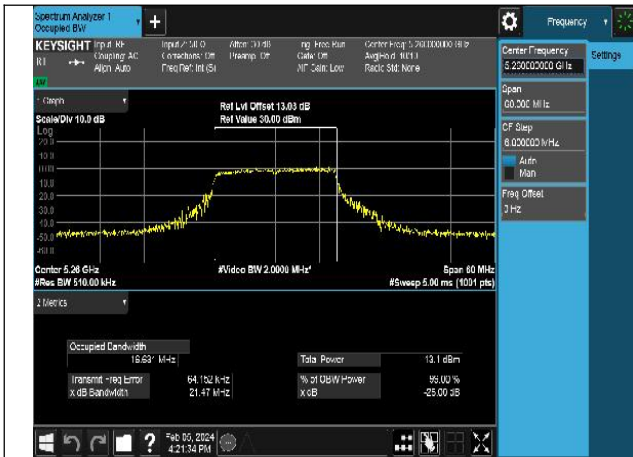
Mode:802.11n HT20 Frequency:5260MHz Ant:Chain1



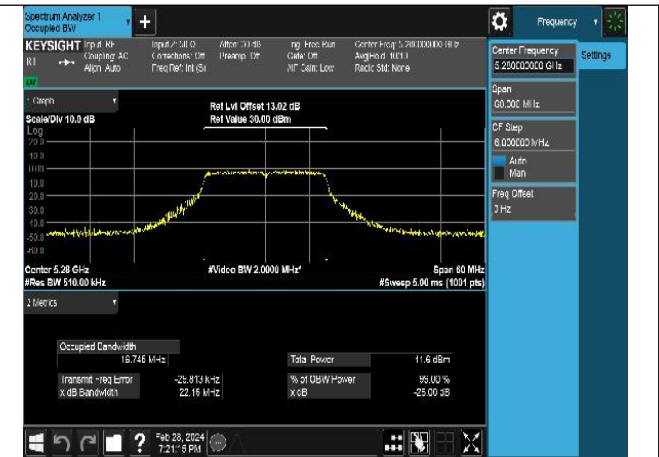
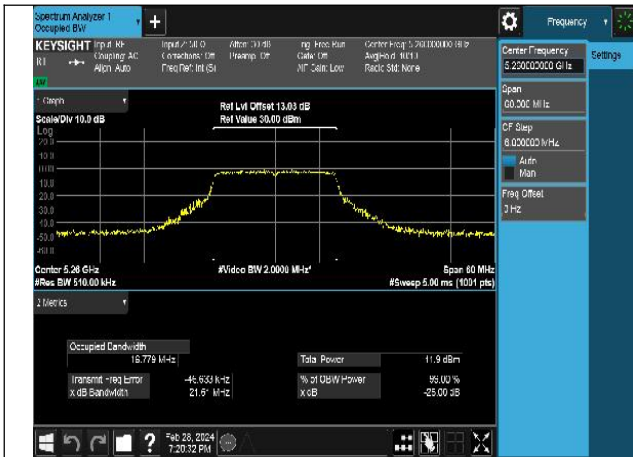
Mode:802.11n HT20 Frequency:5280MHz Ant:Chain1

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

Test Mode: 802.11ac VHT20

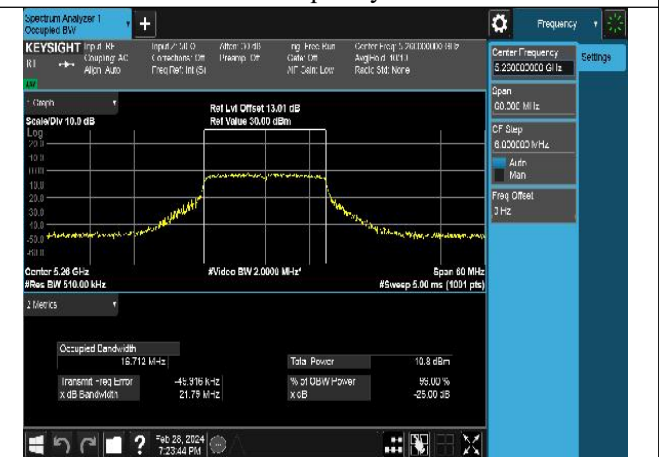
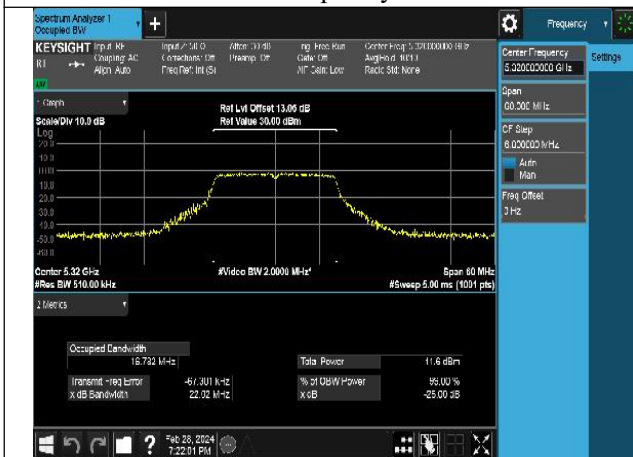


Test Mode: 802.11ax HE20



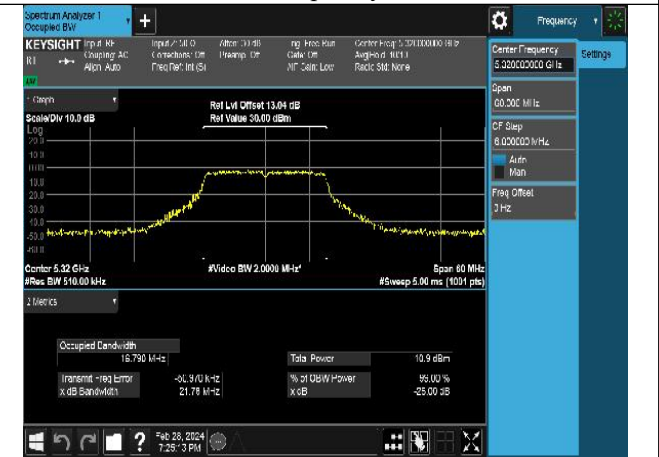
Mode:802.11ax HE20 Frequency:5260MHz Ant:Chain0

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



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

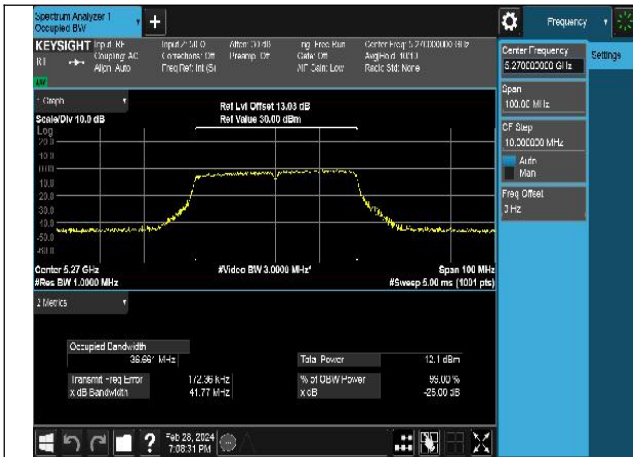
Mode:802.11ax HE20 Frequency:5260MHz Ant:Chain1



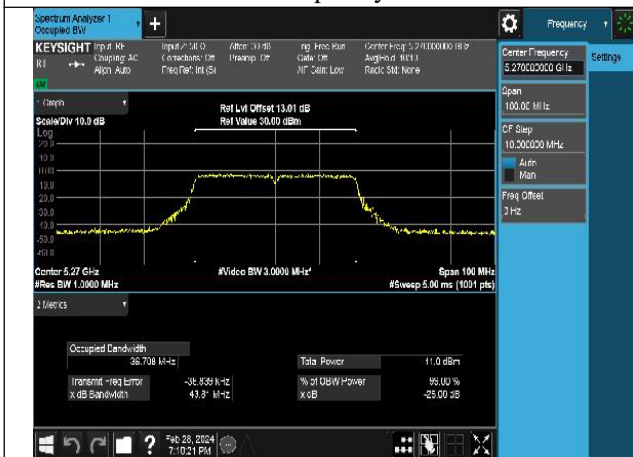
Mode:802.11ax HE20 Frequency:5280MHz Ant:Chain1

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

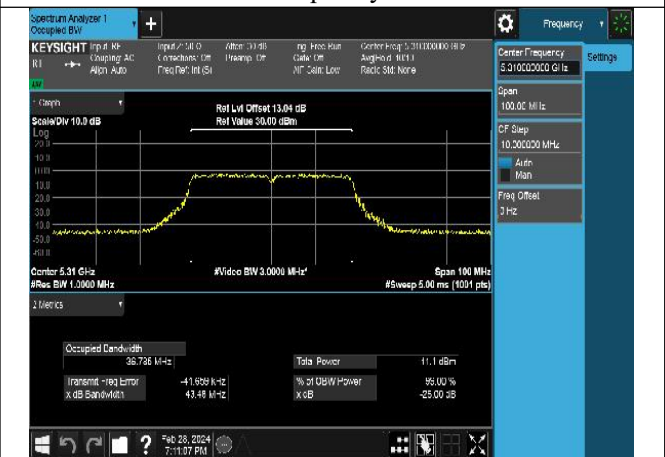
Test Mode: 802.11n HT40



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



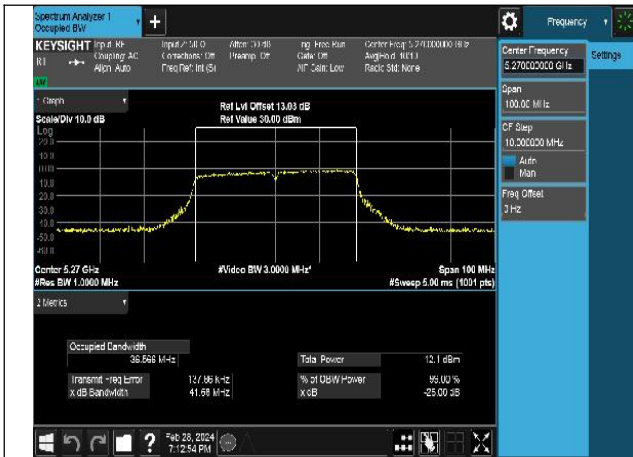
Mode:802.11n HT40 Frequency:5310MHz Ant:Chain0



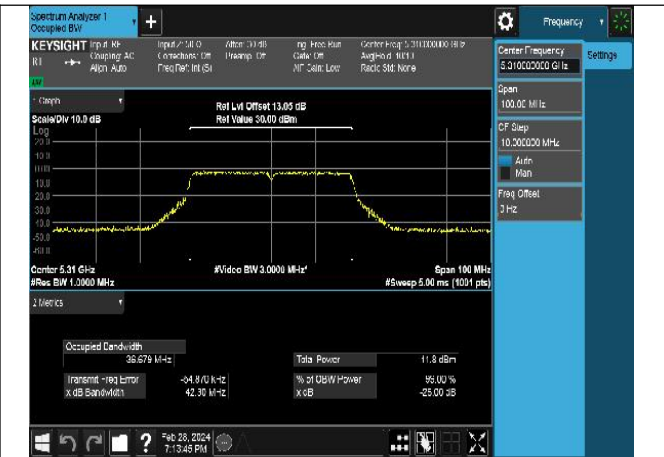
Mode:802.11n HT40 Frequency:5270MHz Ant:Chain1

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

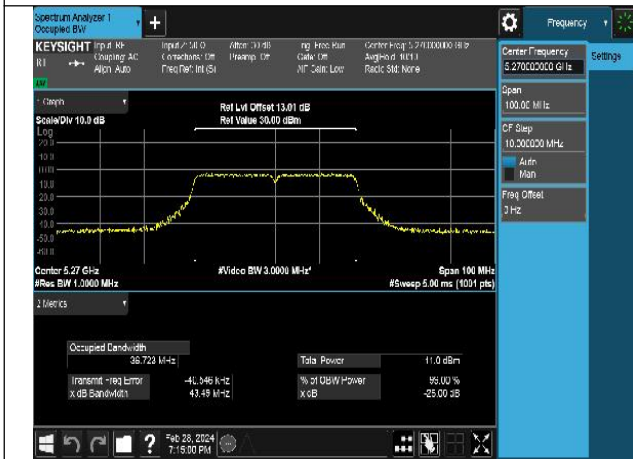
Test Mode: 802.11ac VHT40



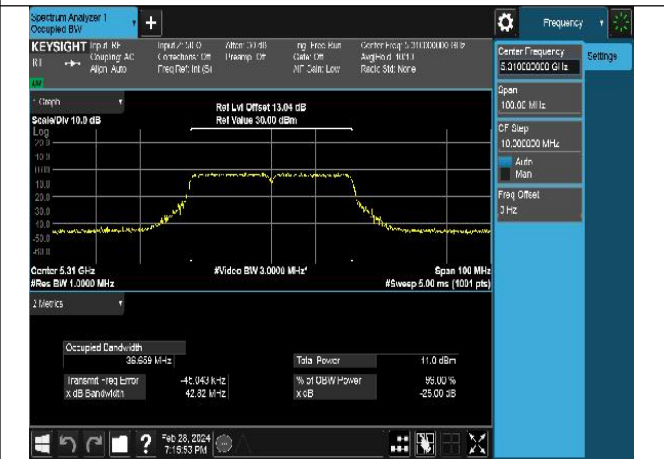
Mode:802.11ac VHT40 Frequency:5270MHz
Ant:Chain0



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

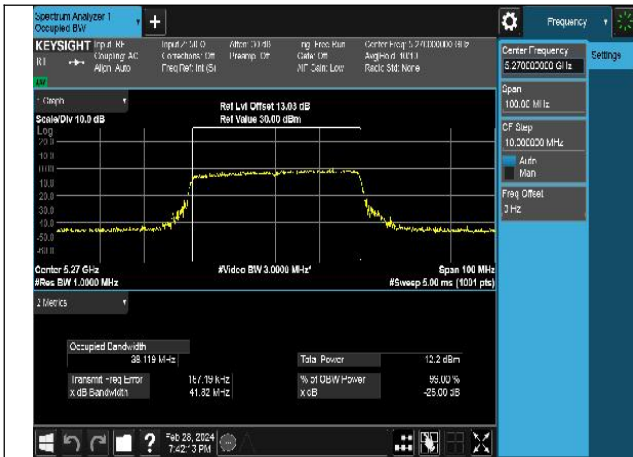


Mode:802.11ac VHT40 Frequency:5270MHz
Ant:Chain1

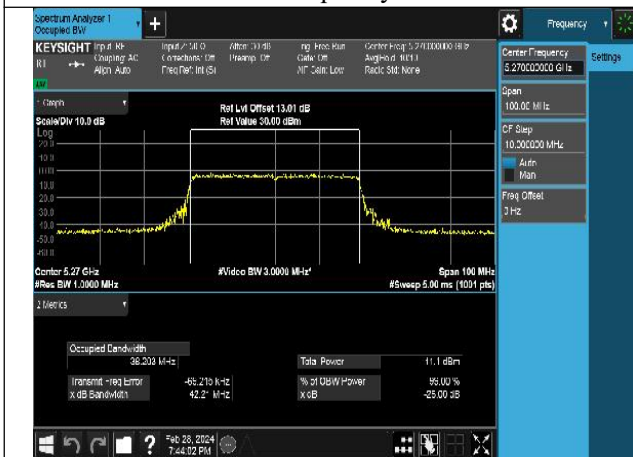


Mode:802.11ac VHT40 Frequency:5310MHz
Ant:Chain1

Test Mode: 802.11ax HE40



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



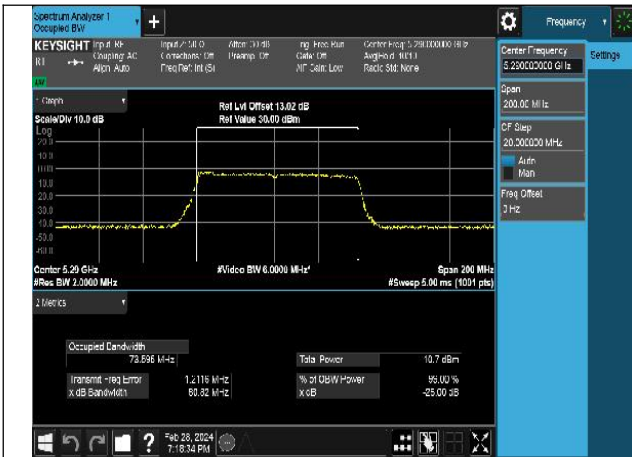
Mode:802.11ax HE40 Frequency:5310MHz Ant:Chain0



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

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

Test Mode: 802.11ac VHT80



Test Mode: 802.11ax HE80



Occupied Bandwidth

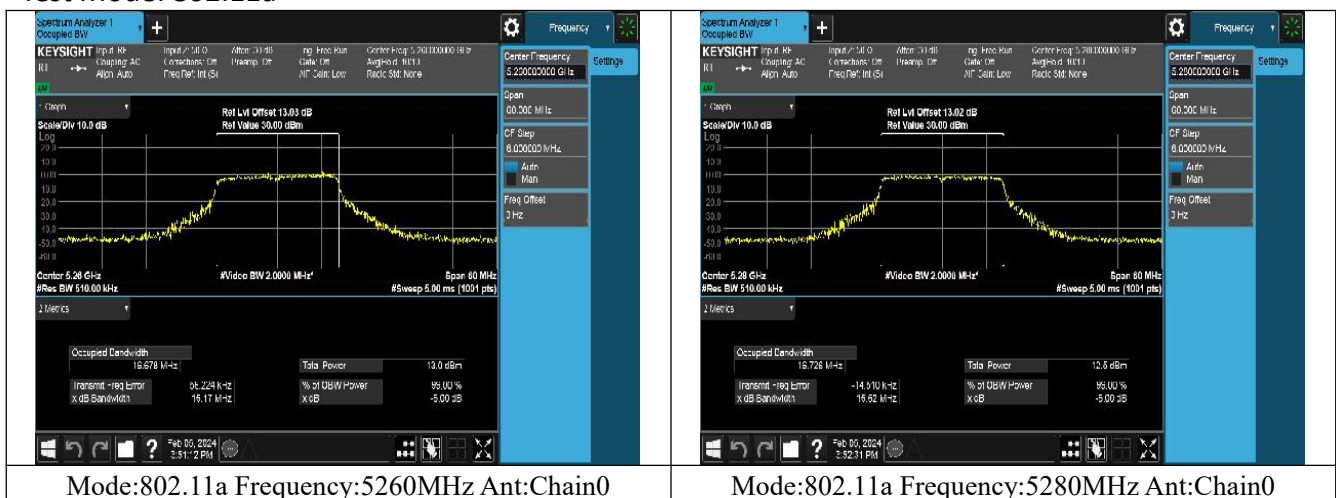
Offset 0dB = Attenuator + Temporary antenna connector loss + Cable loss

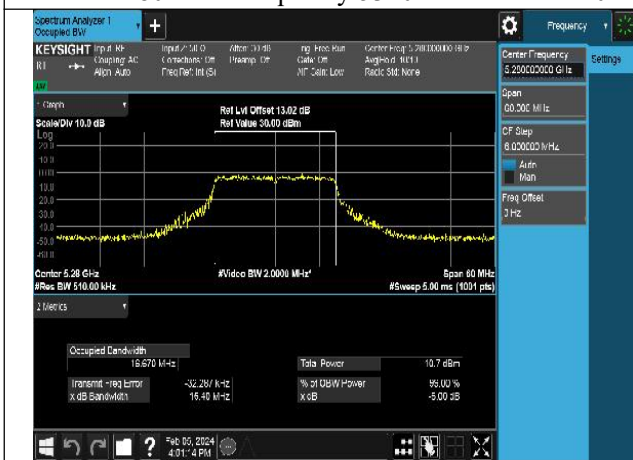
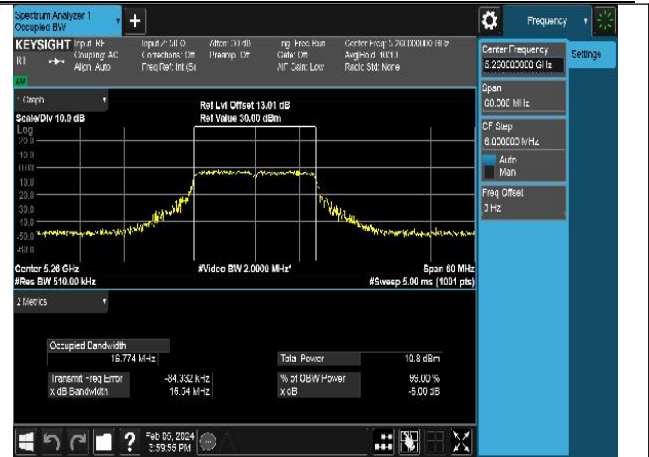
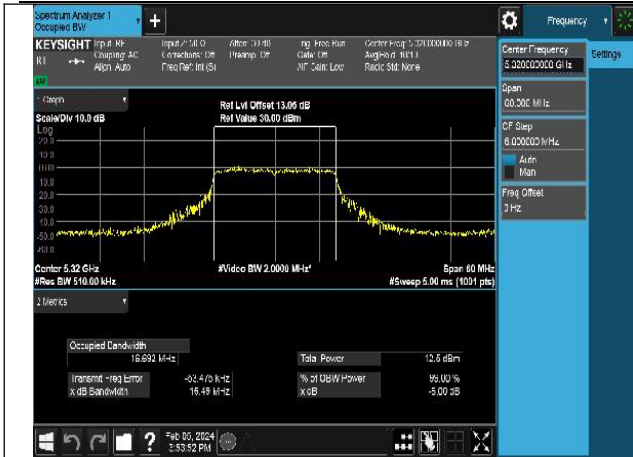
Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5260MHz	5280MHz	5320MHz
802.11a	Chain0	16.678	16.726	16.692
802.11a	Chain1	16.774	16.670	16.716
802.11n HT20	Chain0	16.626	16.796	17.936
802.11n HT20	Chain1	18.033	17.925	17.860
802.11ac VHT20	Chain0	16.646	16.700	16.761
802.11ac VHT20	Chain1	16.665	16.742	16.638
802.11ax HE20	Chain0	16.803	16.745	16.735
802.11ax HE20	Chain1	16.717	16.767	16.802

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5270MHz	---	5310MHz
802.11n HT40	Chain0	36.597	---	36.720
802.11n HT40	Chain1	36.789	---	36.746
802.11ac VHT40	Chain0	36.539	---	36.629
802.11ac VHT40	Chain1	36.750	---	36.741
802.11ax HE40	Chain0	38.035	---	38.227
802.11ax HE40	Chain1	38.264	---	38.211

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5290MHz	---	---
802.11ac VHT80	Chain0	73.475	---	---
802.11ac VHT80	Chain1	74.229	---	---
802.11ax HE80	Chain0	77.402	---	---
802.11ax HE80	Chain1	78.042	---	---

Test Mode: 802.11a



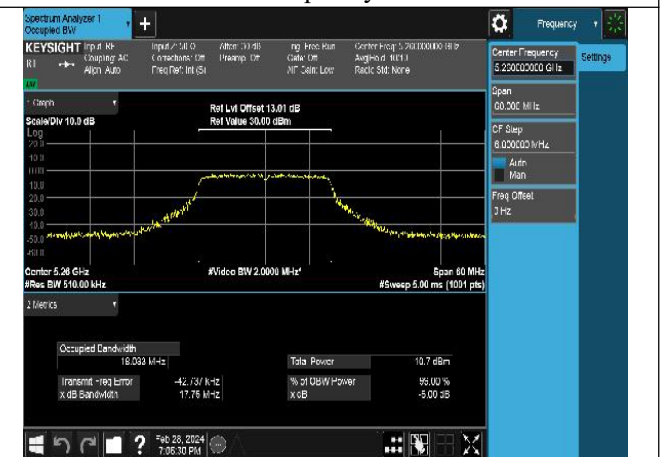
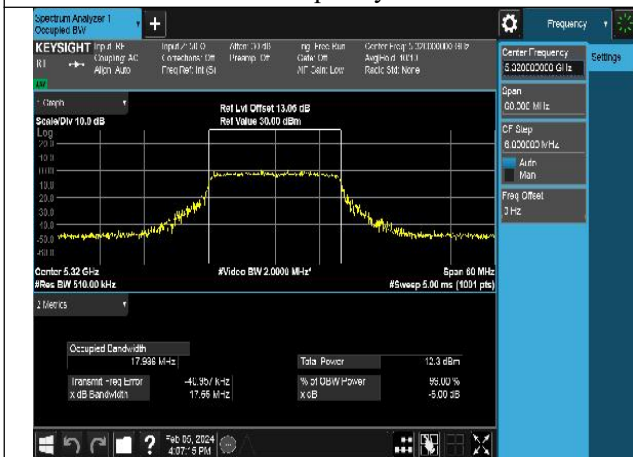


Test Mode: 802.11n HT20



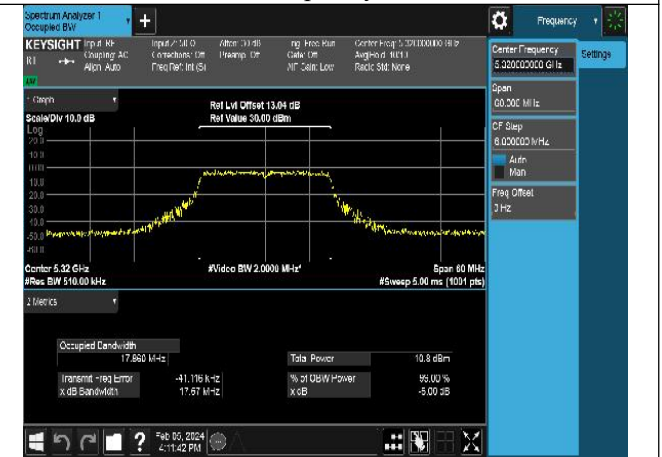
Mode:802.11n HT20 Frequency:5260MHz Ant:Chain0

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



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

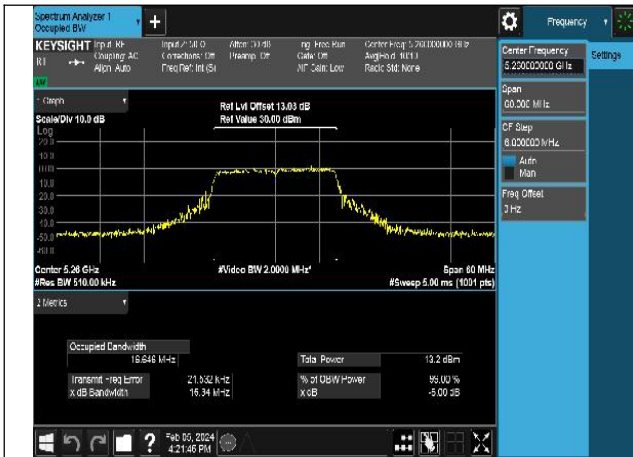
Mode:802.11n HT20 Frequency:5260MHz Ant:Chain1



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

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

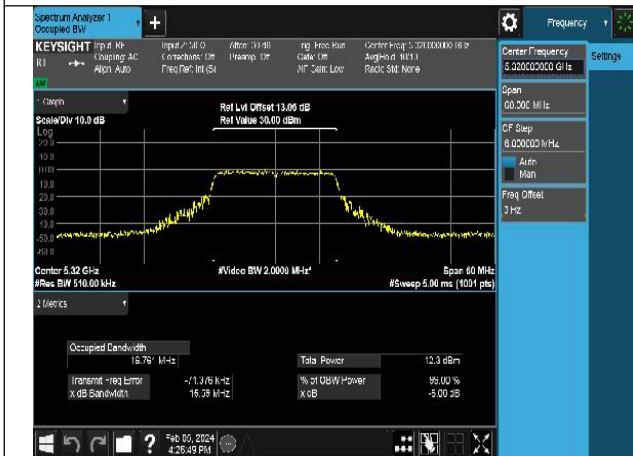
Test Mode: 802.11ac VHT20



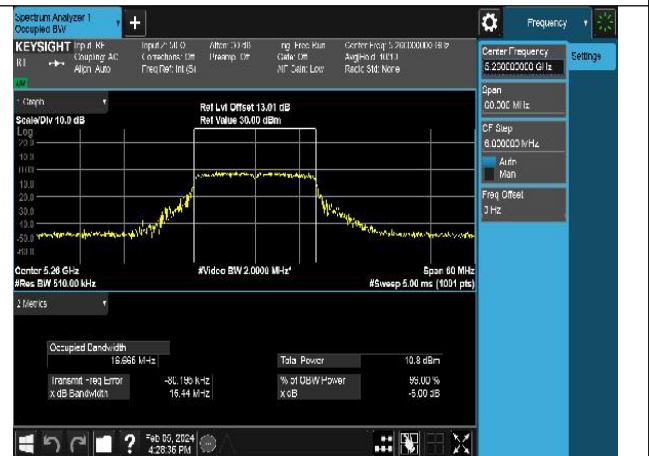
Mode:802.11ac VHT20 Frequency:5260MHz
Ant:Chain0



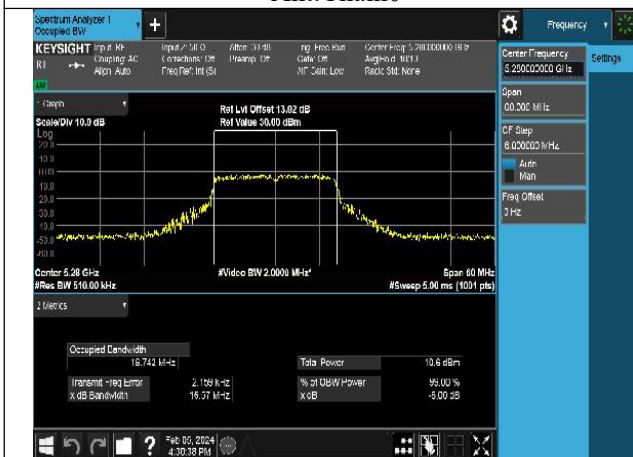
Mode:802.11ac VHT20 Frequency:5280MHz
Ant:Chain0



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



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

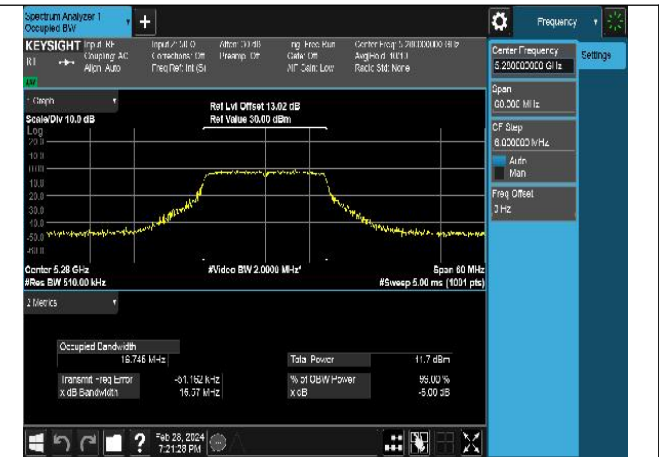
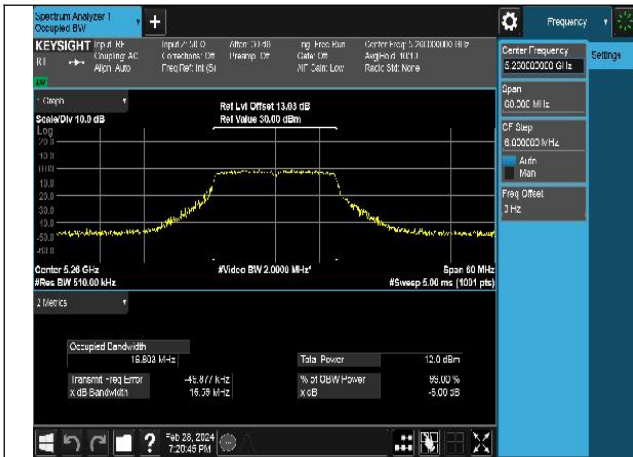


Mode:802.11ac VHT20 Frequency:5280MHz
Ant:Chain1



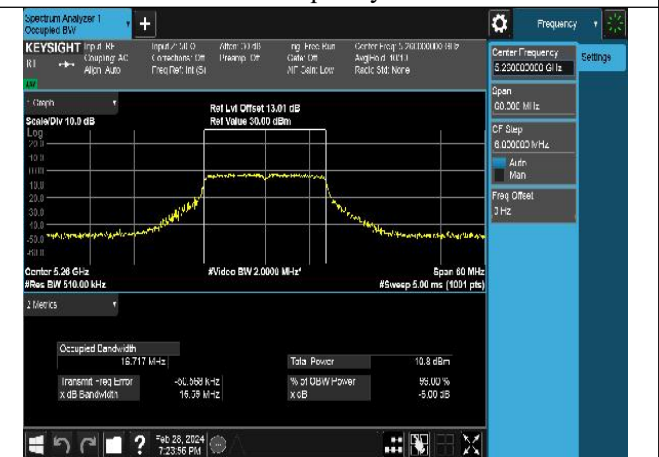
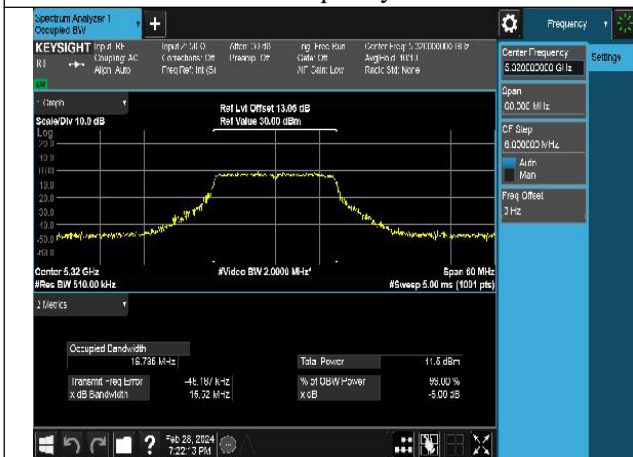
Mode:802.11ac VHT20 Frequency:5320MHz
Ant:Chain1

Test Mode: 802.11ax HE20



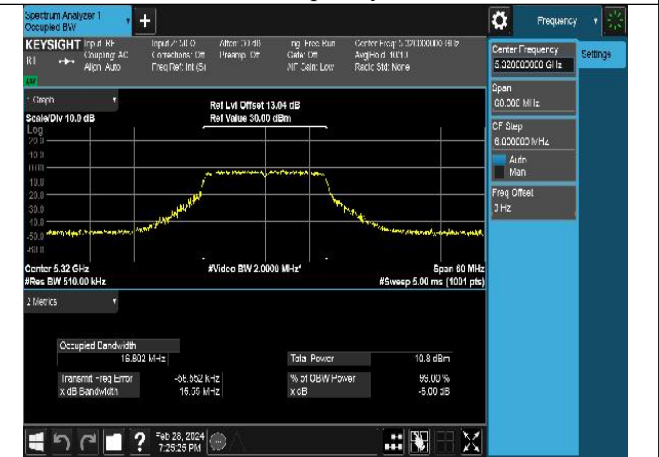
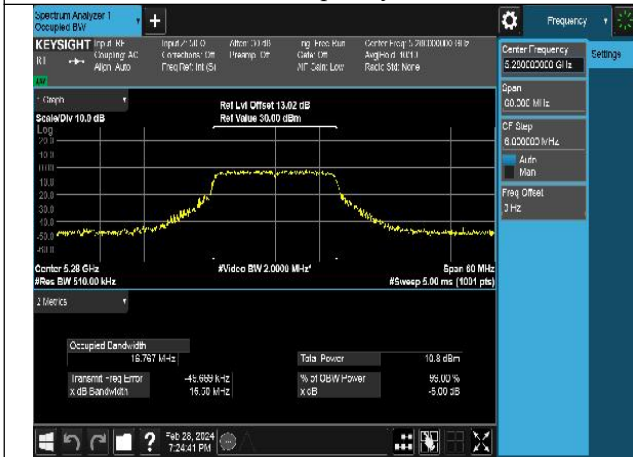
Mode:802.11ax HE20 Frequency:5260MHz Ant:Chain0

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



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

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



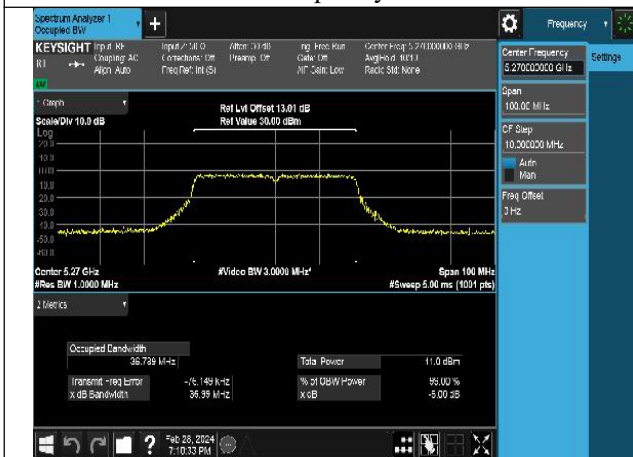
Mode:802.11ax HE20 Frequency:5280MHz Ant:Chain1

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

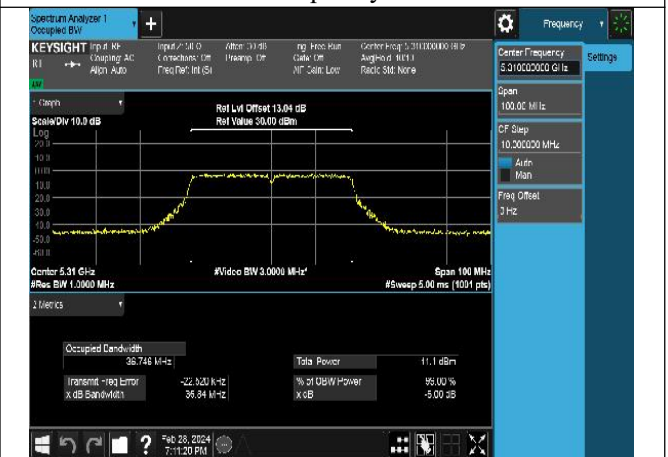
Test Mode: 802.11n HT40



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



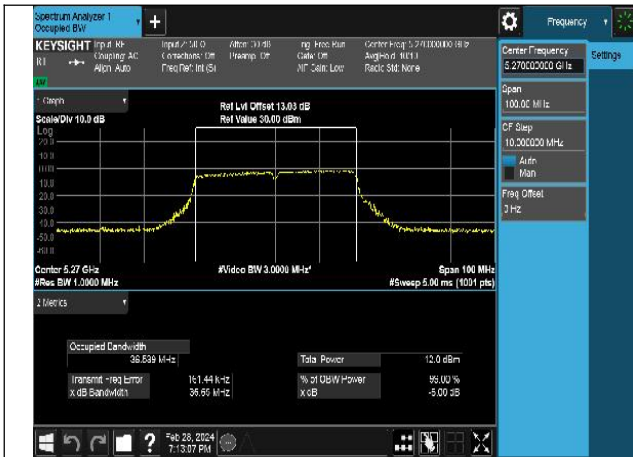
Mode:802.11n HT40 Frequency:5310MHz Ant:Chain0



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

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

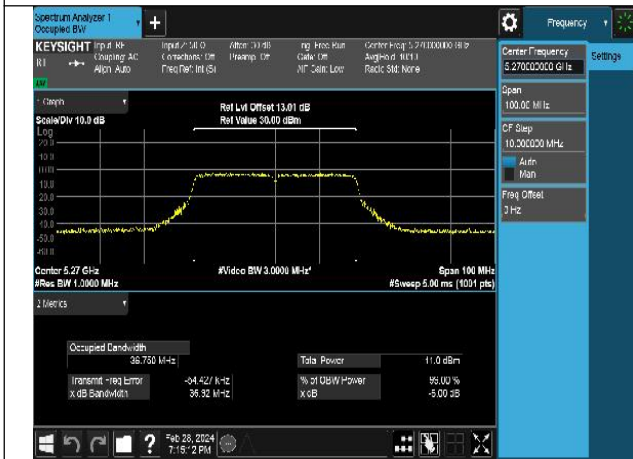
Test Mode: 802.11ac VHT40



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



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



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

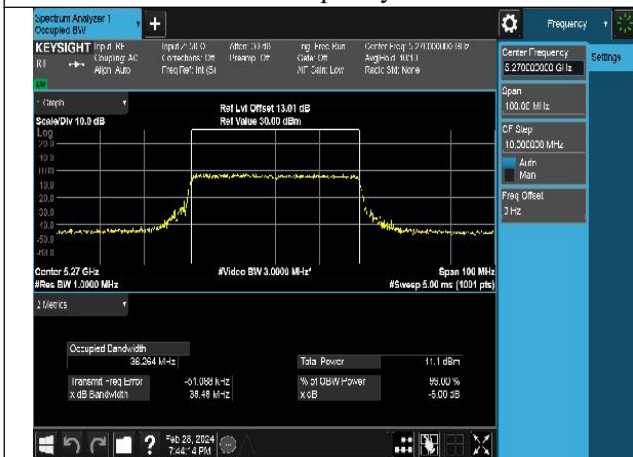


Mode:802.11ac VHT40 Frequency:5310MHz
Ant:Chain1

Test Mode: 802.11ax HE40



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



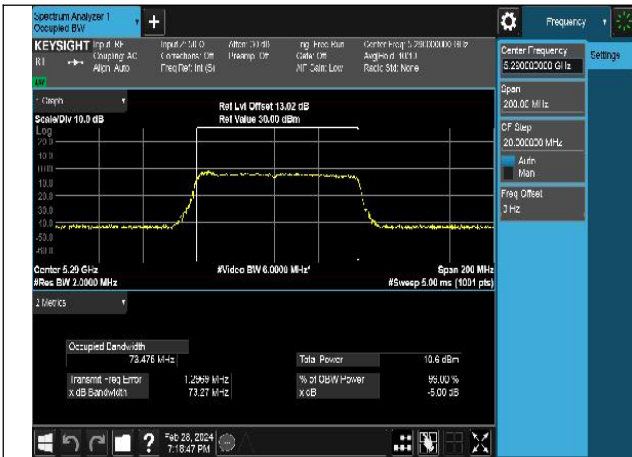
Mode:802.11ax HE40 Frequency:5310MHz Ant:Chain0



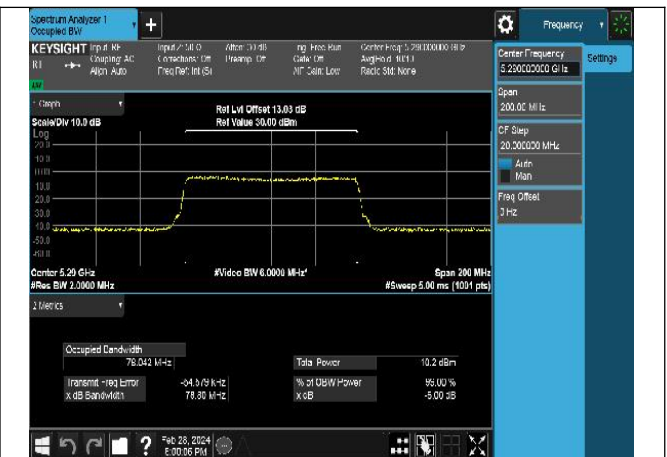
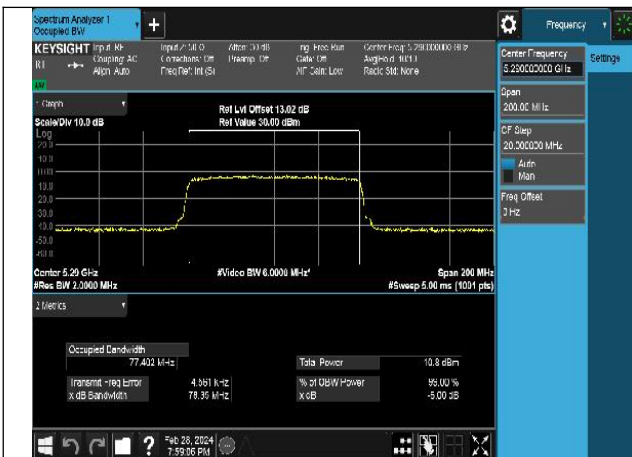
Mode:802.11ax HE40 Frequency:5270MHz Ant:Chain1

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

Test Mode: 802.11ac VHT80



Test Mode: 802.11ax HE80



Transmitter Power Spectral Density

Offset 0dB = 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	0.00	-2.471	0.00	-4.086	0.00	-3.614
802.11a	Chain1	NA	0.00	-5.294	0.00	-4.776	0.00	-5.492
802.11n HT20	Chain0	NA	0.00	-2.143	0.00	-3.604	0.00	-4.605
802.11n HT20	Chain1	NA	0.00	-6.420	0.00	-6.475	0.00	-5.847
802.11n HT20	MIMO	NA	0.00	-0.765	0.00	-1.796	0.00	-2.171
802.11ac VHT20	Chain0	NA	0.00	-1.583	0.00	-3.397	0.00	-3.667
802.11ac VHT20	Chain1	NA	0.00	-5.593	0.00	-5.515	0.00	-5.113
802.11ac VHT20	MIMO	NA	0.00	-0.130	0.00	-1.318	0.00	-1.320
802.11ax HE20	Chain0	26T	0.00	5.757	0.00	6.387	0.00	5.904
802.11ax HE20	Chain1	26T	0.00	5.645	0.00	4.514	0.00	4.663
802.11ax HE20	MIMO	26T	0.00	8.712	0.00	8.561	0.00	8.338
802.11ax HE20	Chain0	52T	0.00	3.333	0.00	4.720	0.00	4.104
802.11ax HE20	Chain1	52T	0.00	2.753	0.00	3.045	0.00	2.753
802.11ax HE20	MIMO	52T	0.00	6.063	0.00	6.973	0.00	6.491
802.11ax HE20	Chain0	106T	0.00	-0.487	0.00	-0.392	0.00	-0.545
802.11ax HE20	Chain1	106T	0.00	-1.359	0.00	-1.442	0.00	-1.369
802.11ax HE20	MIMO	106T	0.00	2.109	0.00	2.125	0.00	2.073
802.11ax HE20	Chain0	242T	0.00	-4.136	0.00	-5.382	0.00	-48.296
802.11ax HE20	Chain1	242T	0.00	-3.280	0.00	-6.346	0.00	-6.087
802.11ax HE20	MIMO	242T	0.00	-0.677	0.00	-2.827	0.00	-6.087

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	0.00	-7.544	---	---	0.00	-8.498
802.11n HT40	Chain1	NA	0.00	-10.690	---	---	0.00	-10.391
802.11n HT40	MIMO	NA	0.00	-5.828	---	---	0.00	-6.332
802.11ac VHT40	Chain0	NA	0.00	-6.913	---	---	0.00	-8.787
802.11ac VHT40	Chain1	NA	0.00	-9.722	---	---	0.00	-10.649
802.11ac VHT40	MIMO	NA	0.00	-5.084	---	---	0.00	-6.609
802.11ax HE40	Chain0	26T	0.00	4.294	---	---	0.00	6.839
802.11ax HE40	Chain1	26T	0.00	5.804	---	---	0.00	6.336
802.11ax HE40	MIMO	26T	0.00	8.125	---	---	0.00	9.605
802.11ax HE40	Chain0	52T	0.00	-48.219	---	---	0.00	4.679
802.11ax HE40	Chain1	52T	0.00	4.172	---	---	0.00	4.001
802.11ax HE40	MIMO	52T	0.00	4.172	---	---	0.00	7.364
802.11ax HE40	Chain0	106T	0.00	-1.549	---	---	0.00	-0.035
802.11ax HE40	Chain1	106T	0.00	-0.973	---	---	0.00	-0.821
802.11ax HE40	MIMO	106T	0.00	1.759	---	---	0.00	2.600
802.11ax HE40	Chain0	242T	0.00	-5.389	---	---	0.00	-5.042
802.11ax HE40	Chain1	242T	0.00	-6.186	---	---	0.00	-6.223
802.11ax HE40	MIMO	242T	0.00	-2.759	---	---	0.00	-2.582
802.11ax HE40	Chain0	484T	0.00	-6.600	---	---	0.00	-7.366
802.11ax HE40	Chain1	484T	0.00	-10.043	---	---	0.00	-10.822
802.11ax HE40	MIMO	484T	0.00	-4.979	---	---	0.00	-5.749

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	0.09	-14.513	---	---	---	---
802.11ac VHT80	Chain1	NA	0.09	-15.873	---	---	---	---
802.11ac VHT80	MIMO	NA	0.09	-12.130	---	---	---	---
802.11ax HE80	Chain0	26T	0.09	5.147	---	---	---	---
802.11ax HE80	Chain1	26T	0.09	6.312	---	---	---	---
802.11ax HE80	MIMO	26T	0.09	8.779	---	---	---	---
802.11ax HE80	Chain0	52T	0.09	1.263	---	---	---	---
802.11ax HE80	Chain1	52T	0.09	3.706	---	---	---	---
802.11ax HE80	MIMO	52T	0.09	5.664	---	---	---	---
802.11ax HE80	Chain0	106T	0.09	-1.270	---	---	---	---
802.11ax HE80	Chain1	106T	0.09	-0.591	---	---	---	---
802.11ax HE80	MIMO	106T	0.09	2.093	---	---	---	---
802.11ax HE80	Chain0	242T	0.09	-5.933	---	---	---	---
802.11ax HE80	Chain1	242T	0.09	-5.990	---	---	---	---
802.11ax HE80	MIMO	242T	0.09	-2.951	---	---	---	---
802.11ax HE80	Chain0	484T	0.09	-10.026	---	---	---	---
802.11ax HE80	Chain1	484T	0.09	-10.650	---	---	---	---
802.11ax HE80	MIMO	484T	0.09	-7.317	---	---	---	---
802.11ax HE80	Chain0	996T	0.09	-13.238	---	---	---	---
802.11ax HE80	Chain1	996T	0.09	-14.622	---	---	---	---
802.11ax HE80	MIMO	996T	0.09	-10.865	---	---	---	---

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

