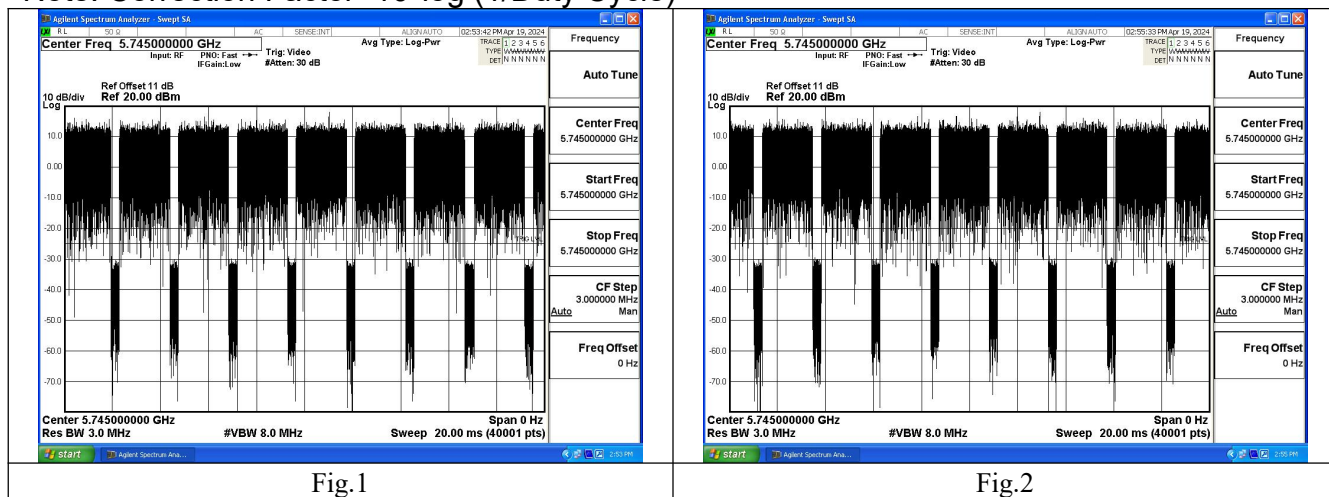


APPENDIX A – TEST DATA OF CONDUCTED EMISSION

Duty Cycle

Test Mode	Antenna	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)	Plot
802.11a	Chain0	5745	99.19%	0	Fig.1
802.11a	Chain1	5745	99.24%	0	Fig.2
802.11n HT20	Chain0	5745	99.74%	0	Fig.3
802.11n HT20	Chain1	5745	99.69%	0	Fig.4
802.11ac VHT20	Chain0	5745	99.74%	0	Fig.5
802.11ac VHT20	Chain1	5745	99.65%	0	Fig.6
802.11ax HE20	Chain0	5745	99.55%	0	Fig.7
802.11ax HE20	Chain1	5745	99.57%	0	Fig.8
802.11n HT40	Chain0	5755	99.53%	0	Fig.9
802.11n HT40	Chain1	5755	99.63%	0	Fig.10
802.11ac VHT40	Chain0	5755	99.56%	0	Fig.11
802.11ac VHT40	Chain1	5755	99.63%	0	Fig.12
802.11ax HE40	Chain0	5755	99.61%	0	Fig.13
802.11ax HE40	Chain1	5755	99.68%	0	Fig.14
802.11ac VHT80	Chain0	5775	99.65%	0	Fig.15
802.11ac VHT80	Chain1	5775	99.48%	0	Fig.16
802.11ax HE80	Chain0	5775	99.63%	0	Fig.17
802.11ax HE80	Chain1	5775	99.49%	0	Fig.18

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



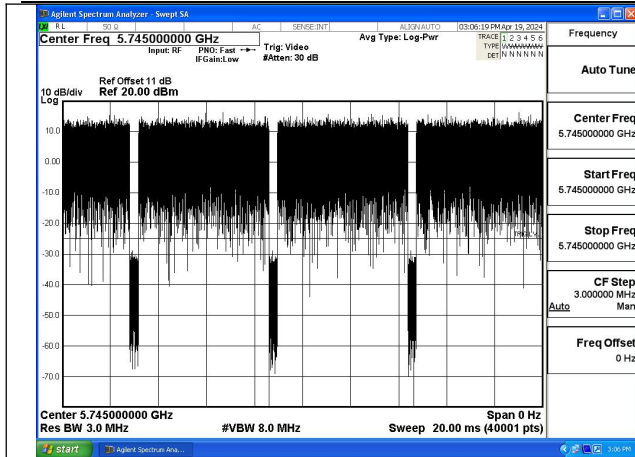


Fig.3

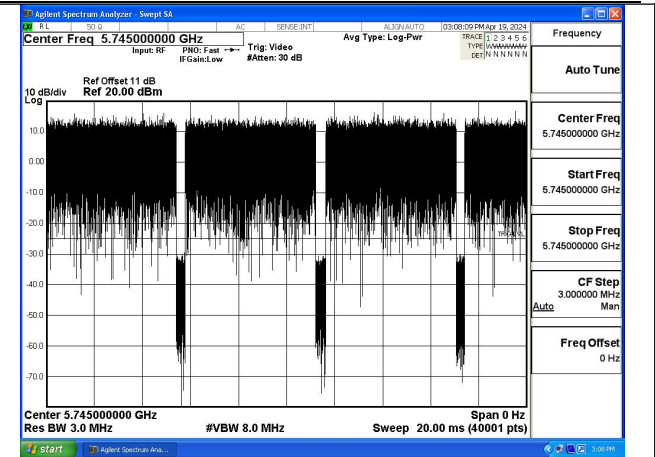


Fig.4

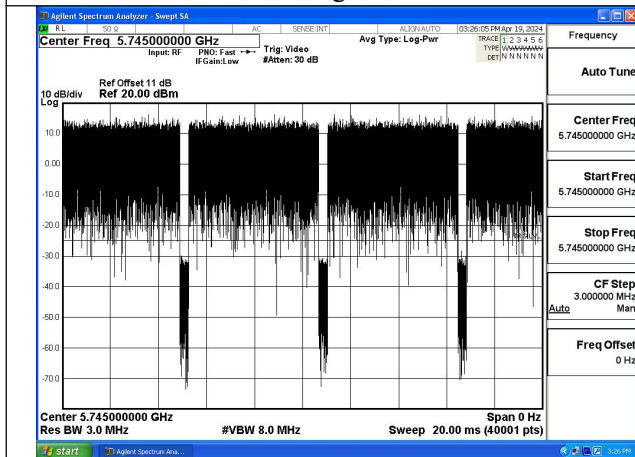


Fig.5

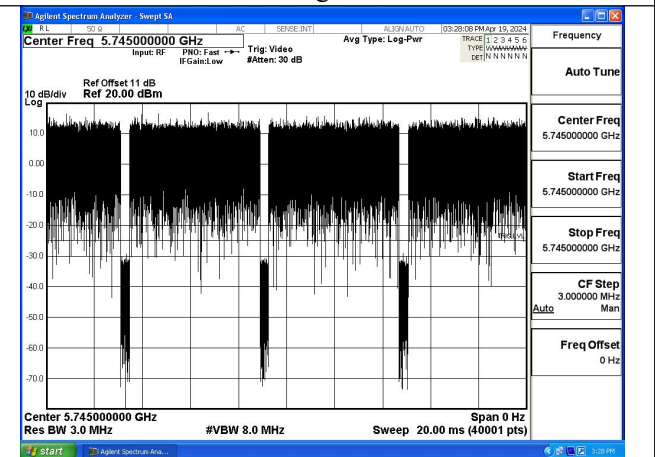


Fig.6

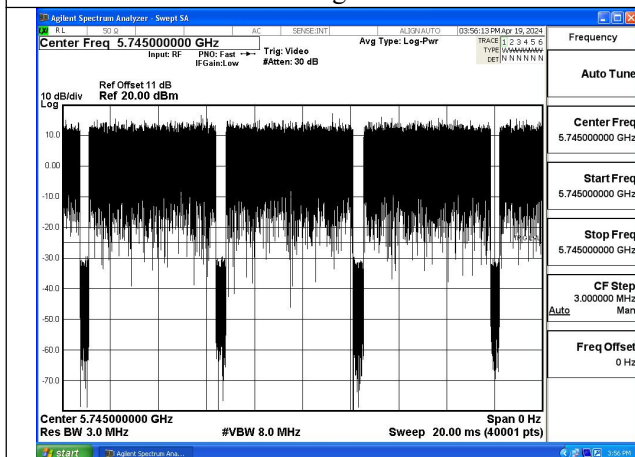


Fig.7

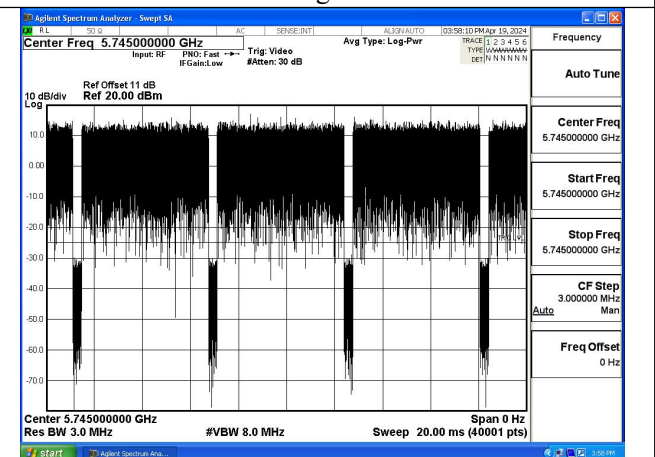


Fig.8

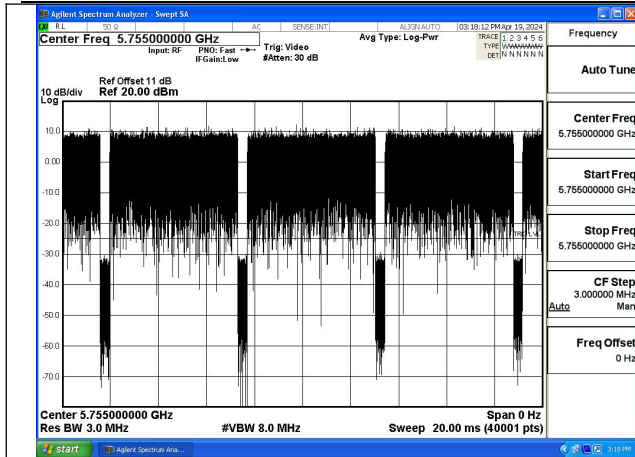


Fig.9

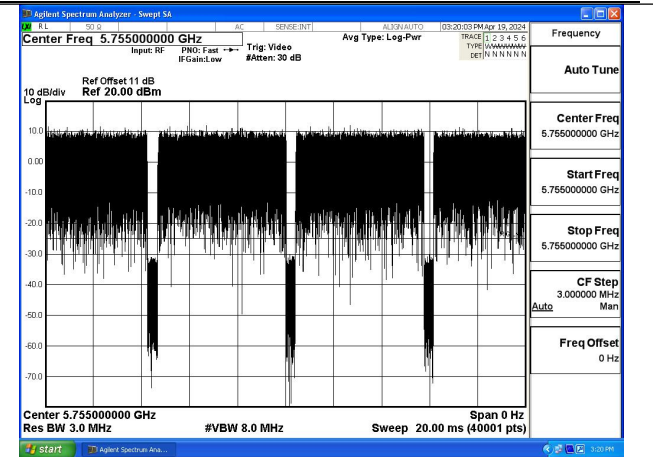


Fig.10

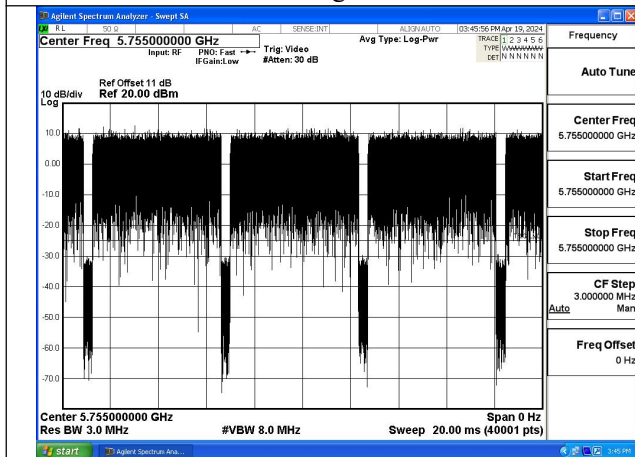


Fig.11

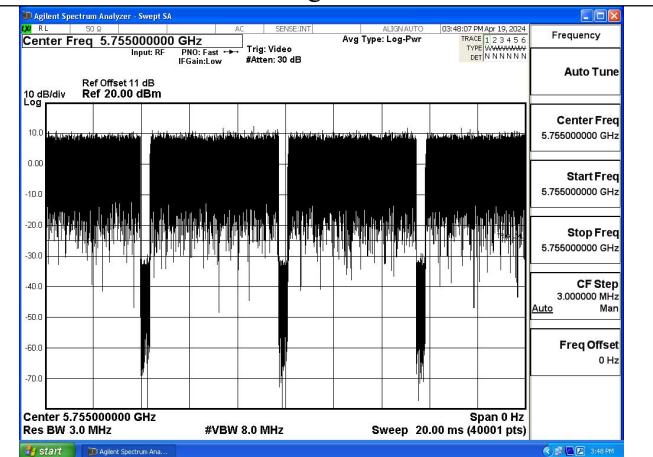


Fig.12

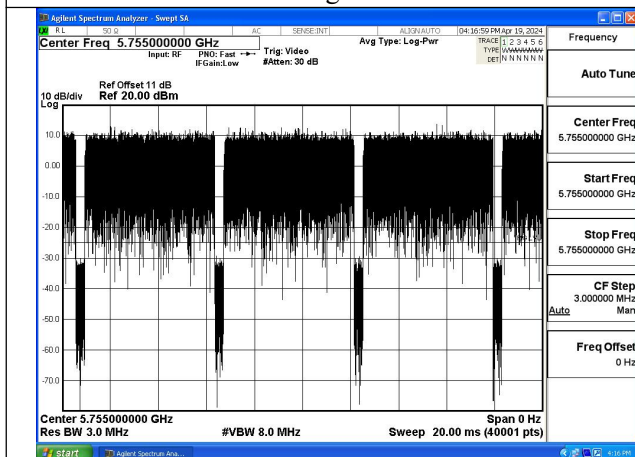


Fig.13

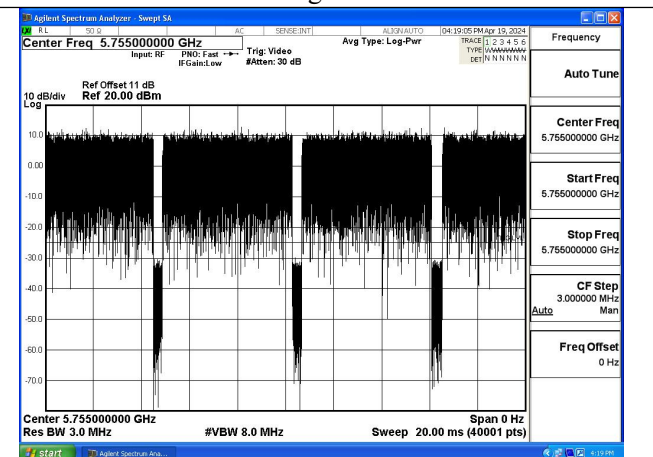


Fig.14

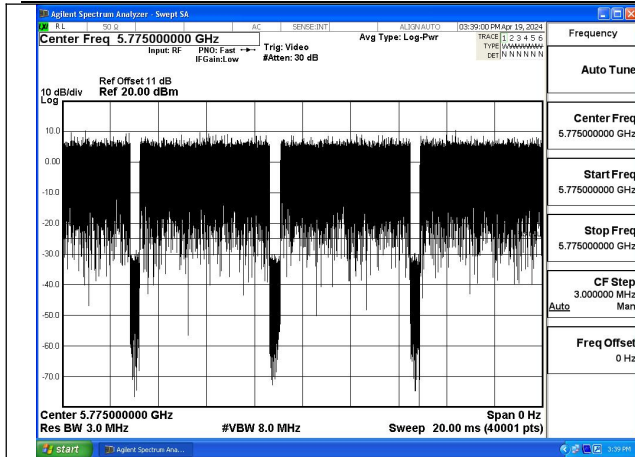


Fig.15

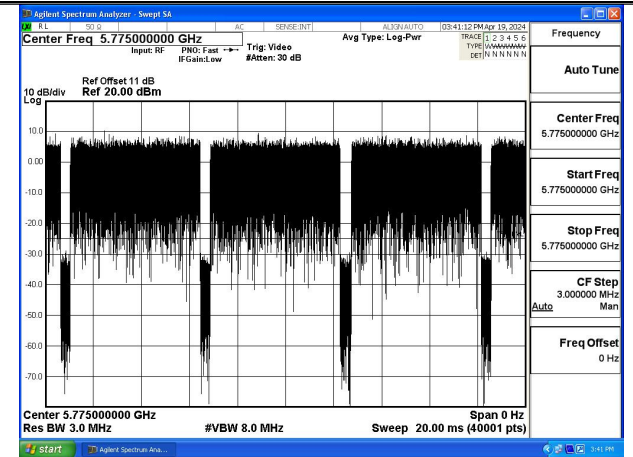


Fig.16

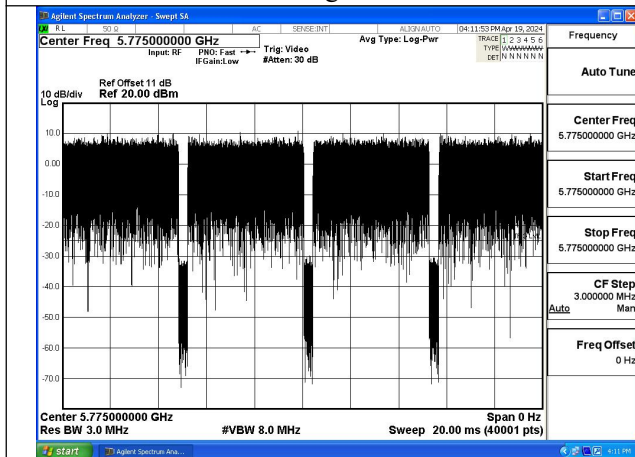


Fig.17

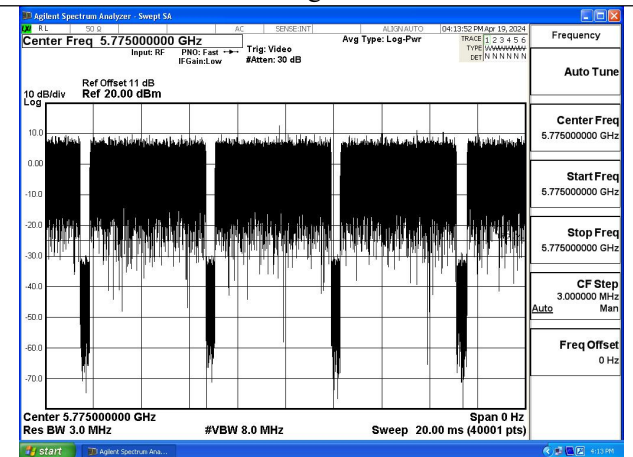


Fig.18

Output Power

Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Conducted average power output(dBm)	EIRP (dBm)
802.11a	NA	5745	Chain0	12.39	15.71
802.11a	NA	5745	Chain1	12.60	15.92
802.11a	NA	5785	Chain0	12.69	16.01
802.11a	NA	5785	Chain1	12.83	16.15
802.11a	NA	5825	Chain0	13.02	16.34
802.11a	NA	5825	Chain1	12.93	16.25
802.11n HT20	NA	5745	Chain0	12.49	15.81
802.11n HT20	NA	5745	Chain1	12.61	15.93
802.11n HT20	NA	5745	MIMO	15.56	18.88
802.11n HT20	NA	5785	Chain0	13.17	16.49
802.11n HT20	NA	5785	Chain1	13.09	16.41
802.11n HT20	NA	5785	MIMO	16.14	19.46
802.11n HT20	NA	5825	Chain0	13.36	16.68
802.11n HT20	NA	5825	Chain1	13.18	16.50
802.11n HT20	NA	5825	MIMO	16.28	19.60
802.11ac VHT20	NA	5745	Chain0	12.63	15.95
802.11ac VHT20	NA	5745	Chain1	12.73	16.05
802.11ac VHT20	NA	5745	MIMO	15.69	19.01
802.11ac VHT20	NA	5785	Chain0	13.19	16.51
802.11ac VHT20	NA	5785	Chain1	13.31	16.63
802.11ac VHT20	NA	5785	MIMO	16.26	19.58
802.11ac VHT20	NA	5825	Chain0	13.29	16.61
802.11ac VHT20	NA	5825	Chain1	13.38	16.70
802.11ac VHT20	NA	5825	MIMO	16.35	19.67
802.11n HT40	NA	5755	Chain0	12.87	16.19
802.11n HT40	NA	5755	Chain1	12.82	16.14
802.11n HT40	NA	5755	MIMO	15.86	19.18
802.11n HT40	NA	5795	Chain0	13.23	16.55
802.11n HT40	NA	5795	Chain1	13.29	16.61
802.11n HT40	NA	5795	MIMO	16.27	19.59
802.11ac VHT40	NA	5755	Chain0	12.82	16.14
802.11ac VHT40	NA	5755	Chain1	12.84	16.16
802.11ac VHT40	NA	5755	MIMO	15.84	19.16
802.11ac VHT40	NA	5795	Chain0	13.06	16.38
802.11ac VHT40	NA	5795	Chain1	13.08	16.40
802.11ac VHT40	NA	5795	MIMO	16.08	19.40
802.11ac VHT80	NA	5775	Chain0	12.59	15.91
802.11ac VHT80	NA	5775	Chain1	12.75	16.07
802.11ac VHT80	NA	5775	MIMO	15.68	19.00

Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Conducted average	EIRP (dBm)
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				power output(dBm)	
802.11ax HE20	26T 0	5745	Chain0	13.00	16.32
802.11ax HE20	26T 0	5745	Chain1	13.09	16.41
802.11ax HE20	26T 0	5745	MIMO	16.06	19.38
802.11ax HE20	26T 0	5785	Chain0	13.20	16.52
802.11ax HE20	26T 0	5785	Chain1	13.15	16.47
802.11ax HE20	26T 0	5785	MIMO	16.19	19.51
802.11ax HE20	26T 0	5825	Chain0	13.21	16.53
802.11ax HE20	26T 0	5825	Chain1	13.06	16.38
802.11ax HE20	26T 0	5825	MIMO	16.15	19.47
802.11ax HE20	26T 4	5745	Chain0	13.09	16.41
802.11ax HE20	26T 4	5745	Chain1	13.08	16.40
802.11ax HE20	26T 4	5745	MIMO	16.10	19.42
802.11ax HE20	26T 4	5785	Chain0	13.18	16.50
802.11ax HE20	26T 4	5785	Chain1	13.18	16.50
802.11ax HE20	26T 4	5785	MIMO	16.19	19.51
802.11ax HE20	26T 4	5825	Chain0	13.26	16.58
802.11ax HE20	26T 4	5825	Chain1	13.19	16.51
802.11ax HE20	26T 4	5825	MIMO	16.24	19.56
802.11ax HE20	26T 8	5745	Chain0	13.12	16.44
802.11ax HE20	26T 8	5745	Chain1	13.05	16.37
802.11ax HE20	26T 8	5745	MIMO	16.10	19.42
802.11ax HE20	26T 8	5785	Chain0	13.19	16.51
802.11ax HE20	26T 8	5785	Chain1	13.12	16.44
802.11ax HE20	26T 8	5785	MIMO	16.17	19.49
802.11ax HE20	26T 8	5825	Chain0	13.16	16.48
802.11ax HE20	26T 8	5825	Chain1	13.22	16.54
802.11ax HE20	26T 8	5825	MIMO	16.20	19.52
802.11ax HE20	52T 37	5745	Chain0	13.11	16.43
802.11ax HE20	52T 37	5745	Chain1	13.15	16.47
802.11ax HE20	52T 37	5745	MIMO	16.14	19.46
802.11ax HE20	52T 37	5785	Chain0	13.06	16.38
802.11ax HE20	52T 37	5785	Chain1	13.19	16.51
802.11ax HE20	52T 37	5785	MIMO	16.14	19.46
802.11ax HE20	52T 37	5825	Chain0	13.04	16.36
802.11ax HE20	52T 37	5825	Chain1	13.25	16.57
802.11ax HE20	52T 37	5825	MIMO	16.16	19.48
802.11ax HE20	52T 39	5745	Chain0	12.99	16.31
802.11ax HE20	52T 39	5745	Chain1	13.02	16.34
802.11ax HE20	52T 39	5745	MIMO	16.02	19.34
802.11ax HE20	52T 39	5785	Chain0	13.25	16.57
802.11ax HE20	52T 39	5785	Chain1	13.08	16.40
802.11ax HE20	52T 39	5785	MIMO	16.18	19.50
802.11ax HE20	52T 39	5825	Chain0	13.06	16.38
802.11ax HE20	52T 39	5825	Chain1	13.12	16.44

802.11ax HE20	52T 39	5825	MIMO	16.10	19.42
802.11ax HE20	52T 40	5745	Chain0	13.07	16.39
802.11ax HE20	52T 40	5745	Chain1	13.03	16.35
802.11ax HE20	52T 40	5745	MIMO	16.06	19.38
802.11ax HE20	52T 40	5785	Chain0	13.12	16.44
802.11ax HE20	52T 40	5785	Chain1	13.17	16.49
802.11ax HE20	52T 40	5785	MIMO	16.16	19.48
802.11ax HE20	52T 40	5825	Chain0	13.21	16.53
802.11ax HE20	52T 40	5825	Chain1	13.27	16.59
802.11ax HE20	52T 40	5825	MIMO	16.25	19.57
802.11ax HE20	106T 53	5745	Chain0	13.05	16.37
802.11ax HE20	106T 53	5745	Chain1	13.12	16.44
802.11ax HE20	106T 53	5745	MIMO	16.10	19.42
802.11ax HE20	106T 53	5785	Chain0	13.19	16.51
802.11ax HE20	106T 53	5785	Chain1	13.13	16.45
802.11ax HE20	106T 53	5785	MIMO	16.17	19.49
802.11ax HE20	106T 53	5825	Chain0	13.20	16.52
802.11ax HE20	106T 53	5825	Chain1	13.11	16.43
802.11ax HE20	106T 53	5825	MIMO	16.17	19.49
802.11ax HE20	106T 54	5745	Chain0	13.05	16.37
802.11ax HE20	106T 54	5745	Chain1	13.14	16.46
802.11ax HE20	106T 54	5745	MIMO	16.11	19.43
802.11ax HE20	106T 54	5785	Chain0	13.01	16.33
802.11ax HE20	106T 54	5785	Chain1	13.09	16.41
802.11ax HE20	106T 54	5785	MIMO	16.06	19.38
802.11ax HE20	106T 54	5825	Chain0	13.13	16.45
802.11ax HE20	106T 54	5825	Chain1	13.09	16.41
802.11ax HE20	106T 54	5825	MIMO	16.12	19.44
802.11ax HE20	242T 61	5745	Chain0	12.87	16.19
802.11ax HE20	242T 61	5745	Chain1	12.63	15.95
802.11ax HE20	242T 61	5745	MIMO	15.76	19.08
802.11ax HE20	242T 61	5785	Chain0	13.17	16.49
802.11ax HE20	242T 61	5785	Chain1	13.22	16.54
802.11ax HE20	242T 61	5785	MIMO	16.21	19.53
802.11ax HE20	242T 61	5825	Chain0	13.34	16.66
802.11ax HE20	242T 61	5825	Chain1	13.47	16.79
802.11ax HE20	242T 61	5825	MIMO	16.42	19.74
802.11ax HE40	26T 0	5755	Chain0	12.98	16.30
802.11ax HE40	26T 0	5755	Chain1	12.99	16.31
802.11ax HE40	26T 0	5755	MIMO	16.00	19.32
802.11ax HE40	26T 0	5795	Chain0	13.10	16.42
802.11ax HE40	26T 0	5795	Chain1	13.10	16.42
802.11ax HE40	26T 0	5795	MIMO	16.11	19.43
802.11ax HE40	26T 10	5755	Chain0	13.01	16.33
802.11ax HE40	26T 10	5755	Chain1	13.01	16.33
802.11ax HE40	26T 10	5755	MIMO	16.02	19.34

802.11ax HE40	26T 10	5795	Chain0	13.21	16.53
802.11ax HE40	26T 10	5795	Chain1	13.05	16.37
802.11ax HE40	26T 10	5795	MIMO	16.14	19.46
802.11ax HE40	26T 17	5755	Chain0	13.01	16.33
802.11ax HE40	26T 17	5755	Chain1	13.02	16.34
802.11ax HE40	26T 17	5755	MIMO	16.03	19.35
802.11ax HE40	26T 17	5795	Chain0	13.22	16.54
802.11ax HE40	26T 17	5795	Chain1	13.04	16.36
802.11ax HE40	26T 17	5795	MIMO	16.14	19.46
802.11ax HE40	52T 37	5755	Chain0	13.09	16.41
802.11ax HE40	52T 37	5755	Chain1	13.06	16.38
802.11ax HE40	52T 37	5755	MIMO	16.09	19.41
802.11ax HE40	52T 37	5795	Chain0	13.08	16.40
802.11ax HE40	52T 37	5795	Chain1	13.18	16.50
802.11ax HE40	52T 37	5795	MIMO	16.14	19.46
802.11ax HE40	52T 41	5755	Chain0	13.01	16.33
802.11ax HE40	52T 41	5755	Chain1	13.19	16.51
802.11ax HE40	52T 41	5755	MIMO	16.11	19.43
802.11ax HE40	52T 41	5795	Chain0	13.09	16.41
802.11ax HE40	52T 41	5795	Chain1	13.05	16.37
802.11ax HE40	52T 41	5795	MIMO	16.08	19.40
802.11ax HE40	52T 44	5755	Chain0	13.17	16.49
802.11ax HE40	52T 44	5755	Chain1	13.00	16.32
802.11ax HE40	52T 44	5755	MIMO	16.10	19.42
802.11ax HE40	52T 44	5795	Chain0	13.02	16.34
802.11ax HE40	52T 44	5795	Chain1	13.19	16.51
802.11ax HE40	52T 44	5795	MIMO	16.12	19.44
802.11ax HE40	106T 53	5755	Chain0	12.96	16.28
802.11ax HE40	106T 53	5755	Chain1	13.02	16.34
802.11ax HE40	106T 53	5755	MIMO	16.00	19.32
802.11ax HE40	106T 53	5795	Chain0	13.13	16.45
802.11ax HE40	106T 53	5795	Chain1	13.20	16.52
802.11ax HE40	106T 53	5795	MIMO	16.18	19.50
802.11ax HE40	106T 55	5755	Chain0	13.05	16.37
802.11ax HE40	106T 55	5755	Chain1	13.01	16.33
802.11ax HE40	106T 55	5755	MIMO	16.04	19.36
802.11ax HE40	106T 55	5795	Chain0	13.09	16.41
802.11ax HE40	106T 55	5795	Chain1	13.23	16.55
802.11ax HE40	106T 55	5795	MIMO	16.17	19.49
802.11ax HE40	106T 56	5755	Chain0	13.11	16.43
802.11ax HE40	106T 56	5755	Chain1	13.01	16.33
802.11ax HE40	106T 56	5755	MIMO	16.07	19.39
802.11ax HE40	106T 56	5795	Chain0	13.20	16.52
802.11ax HE40	106T 56	5795	Chain1	13.14	16.46
802.11ax HE40	106T 56	5795	MIMO	16.18	19.50
802.11ax HE40	242T 61	5755	Chain0	12.66	15.98

802.11ax HE40	242T 61	5755	Chain1	12.74	16.06
802.11ax HE40	242T 61	5755	MIMO	15.71	19.03
802.11ax HE40	242T 61	5795	Chain0	13.04	16.36
802.11ax HE40	242T 61	5795	Chain1	13.08	16.40
802.11ax HE40	242T 61	5795	MIMO	16.07	19.39
802.11ax HE40	242T 62	5755	Chain0	12.70	16.02
802.11ax HE40	242T 62	5755	Chain1	12.73	16.05
802.11ax HE40	242T 62	5755	MIMO	15.73	19.05
802.11ax HE40	242T 62	5795	Chain0	13.03	16.35
802.11ax HE40	242T 62	5795	Chain1	13.11	16.43
802.11ax HE40	242T 62	5795	MIMO	16.08	19.40
802.11ax HE40	484T 65	5755	Chain0	12.55	15.87
802.11ax HE40	484T 65	5755	Chain1	12.63	15.95
802.11ax HE40	484T 65	5755	MIMO	15.60	18.92
802.11ax HE40	484T 65	5795	Chain0	13.03	16.35
802.11ax HE40	484T 65	5795	Chain1	13.00	16.32
802.11ax HE40	484T 65	5795	MIMO	16.03	19.35
802.11ax HE80	26T 0	5775	Chain0	13.25	16.57
802.11ax HE80	26T 0	5775	Chain1	13.29	16.61
802.11ax HE80	26T 0	5775	MIMO	16.28	19.60
802.11ax HE80	26T 18	5775	Chain0	13.21	16.53
802.11ax HE80	26T 18	5775	Chain1	13.22	16.54
802.11ax HE80	26T 18	5775	MIMO	16.23	19.55
802.11ax HE80	26T 36	5775	Chain0	13.34	16.66
802.11ax HE80	26T 36	5775	Chain1	13.34	16.66
802.11ax HE80	26T 36	5775	MIMO	16.35	19.67
802.11ax HE80	52T 37	5775	Chain0	13.35	16.67
802.11ax HE80	52T 37	5775	Chain1	13.26	16.58
802.11ax HE80	52T 37	5775	MIMO	16.32	19.64
802.11ax HE80	52T 45	5775	Chain0	13.13	16.45
802.11ax HE80	52T 45	5775	Chain1	13.05	16.37
802.11ax HE80	52T 45	5775	MIMO	16.10	19.42
802.11ax HE80	52T 52	5775	Chain0	13.22	16.54
802.11ax HE80	52T 52	5775	Chain1	13.25	16.57
802.11ax HE80	52T 52	5775	MIMO	16.25	19.57
802.11ax HE80	106T 53	5775	Chain0	13.12	16.44
802.11ax HE80	106T 53	5775	Chain1	13.04	16.36
802.11ax HE80	106T 53	5775	MIMO	16.09	19.41
802.11ax HE80	106T 57	5775	Chain0	13.07	16.39
802.11ax HE80	106T 57	5775	Chain1	13.14	16.46
802.11ax HE80	106T 57	5775	MIMO	16.12	19.44
802.11ax HE80	106T 60	5775	Chain0	13.08	16.40
802.11ax HE80	106T 60	5775	Chain1	13.07	16.39
802.11ax HE80	106T 60	5775	MIMO	16.09	19.41
802.11ax HE80	242T 61	5775	Chain0	12.96	16.28
802.11ax HE80	242T 61	5775	Chain1	12.96	16.28

802.11ax HE80	242T 61	5775	MIMO	15.97	19.29
802.11ax HE80	242T 63	5775	Chain0	13.01	16.33
802.11ax HE80	242T 63	5775	Chain1	12.92	16.24
802.11ax HE80	242T 63	5775	MIMO	15.98	19.30
802.11ax HE80	242T 64	5775	Chain0	12.91	16.23
802.11ax HE80	242T 64	5775	Chain1	13.05	16.37
802.11ax HE80	242T 64	5775	MIMO	15.99	19.31
802.11ax HE80	484T 65	5775	Chain0	12.70	16.02
802.11ax HE80	484T 65	5775	Chain1	12.69	16.01
802.11ax HE80	484T 65	5775	MIMO	15.71	19.03
802.11ax HE80	484T 66	5775	Chain0	12.69	16.01
802.11ax HE80	484T 66	5775	Chain1	12.74	16.06
802.11ax HE80	484T 66	5775	MIMO	15.73	19.05
802.11ax HE80	996T 67	5775	Chain0	12.66	15.98
802.11ax HE80	996T 67	5775	Chain1	12.65	15.97
802.11ax HE80	996T 67	5775	MIMO	15.67	18.99

Emission Bandwidth

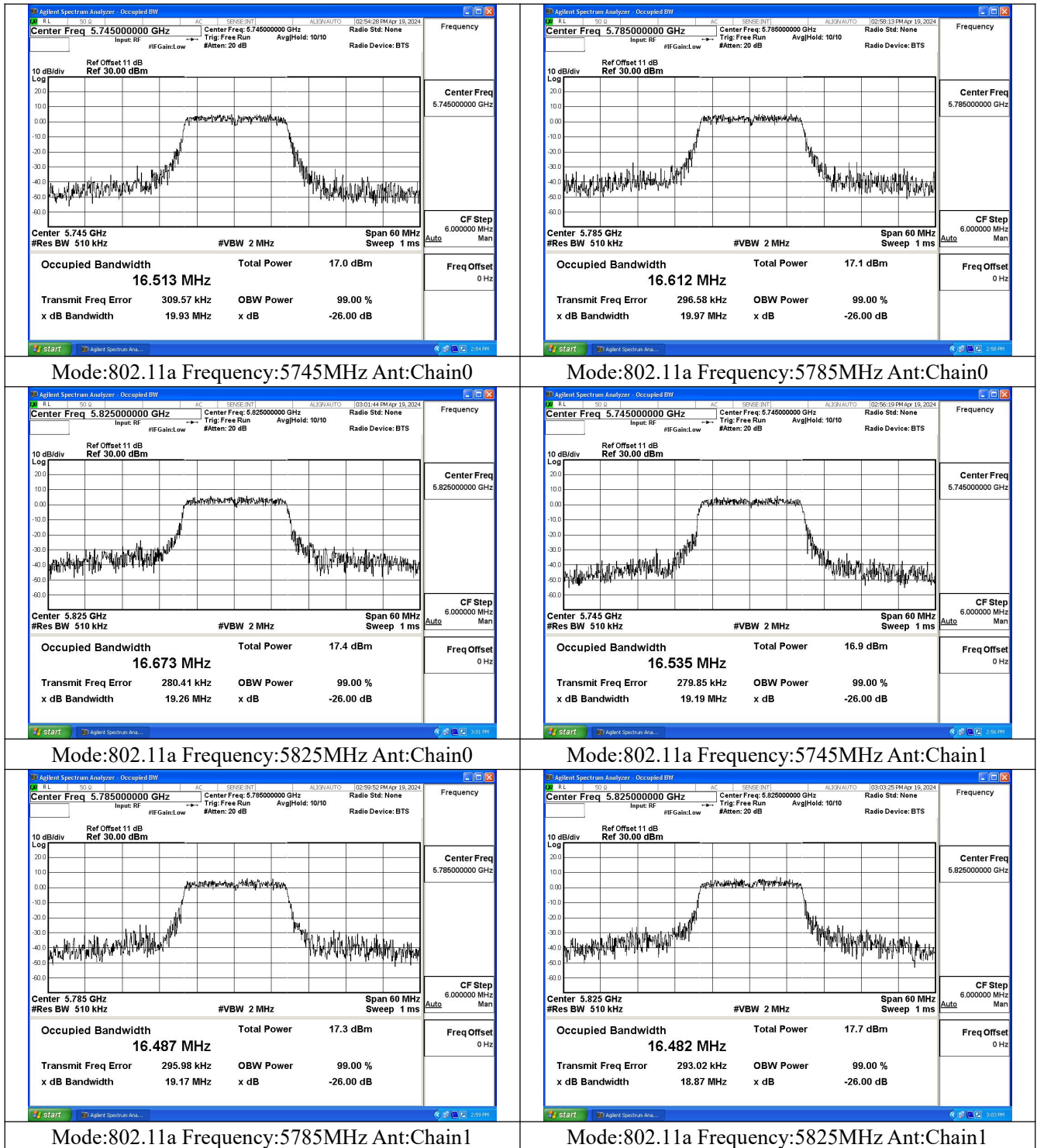
Offset 11dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	26dB Bandwidth (MHz)		
		5745MHz	5785MHz	5825MHz
802.11a	Chain0	19.93	19.97	19.26
802.11a	Chain1	19.19	19.17	18.87
802.11n HT20	Chain0	20.23	20.72	20.00
802.11n HT20	Chain1	20.61	20.55	20.14
802.11ac VHT20	Chain0	20.12	19.65	20.29
802.11ac VHT20	Chain1	20.66	20.63	21.18
802.11ax HE20	Chain0	21.19	20.78	21.18
802.11ax HE20	Chain1	20.61	21.08	20.96

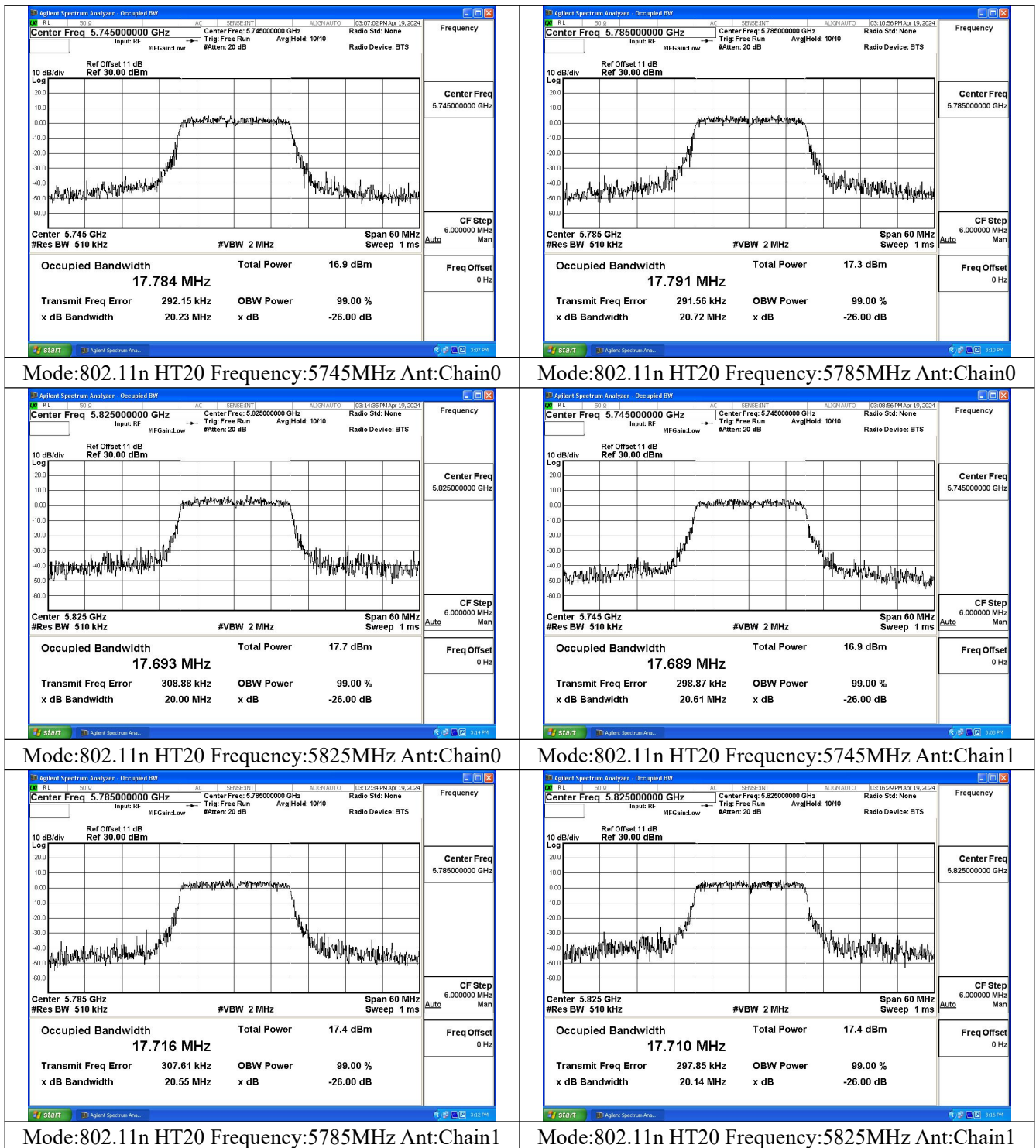
Test Mode	Antenna	26dB Bandwidth (MHz)		
		5755MHz	---	5795MHz
802.11n HT40	Chain0	39.61	---	39.29
802.11n HT40	Chain1	40.10	---	39.81
802.11ac VHT40	Chain0	38.76	---	39.36
802.11ac VHT40	Chain1	40.09	---	39.79
802.11ax HE40	Chain0	40.21	---	40.11
802.11ax HE40	Chain1	40.69	---	40.89

Test Mode	Antenna	26dB Bandwidth (MHz)		
		5775MHz	---	---
802.11ac VHT80	Chain0	81.67	---	---
802.11ac VHT80	Chain1	81.46	---	---
802.11ax HE80	Chain0	82.73	---	---
802.11ax HE80	Chain1	82.51	---	---

Test Mode: 802.11a



Test Mode: 802.11n HT20



Test Mode: 802.11ac VHT20

