APPENDIX A – TEST DATA OF CONDUCTED EMISSION
Output Power
UNII-3

Mode	Tones/ RU Index	Freq. (MHz)	Average power output(dBm)		
			Chain1	Chain2	MIMO
802.11a	NA	5745	15.65	14.18	NA
		5785	15.57	13.35	NA
		5825	15.06	13.04	NA
802.11n HT20	NA	5745	14.37	13.09	16.79
		5785	14.33	12.31	16.45
		5825	13.86	11.87	15.99
802.11n HT40	NA	5755	14.89	13.16	17.12
		5795	14.63	12.75	16.80
802.11ac VHT20	NA	5745	12.45	11.03	14.81
		5785	12.38	10.29	14.47
		5825	12.03	9.91	14.11
802.11ac VHT40	NA	5755	12.96	11.32	15.23
		5795	12.75	10.81	14.90
802.11ac VHT80	NA	5775	12.95	10.88	15.05

Mode	Tones/ RU Index	Freq. (MHz)	Average power output(dBm)		
			Chain1	Chain2	MIMO
802.11ax HE20	26T/0	5745	11.53	10.21	13.93
		5785	11.41	9.47	13.56
		5825	10.97	9.02	13.11
	26T/4	5745	11.54	10.16	13.91
		5785	11.44	9.54	13.60
		5825	11.01	9.02	13.14
	26T/8	5745	11.53	10.15	13.90
		5785	11.39	9.49	13.55
		5825	10.93	9.10	13.12
	52T/37	5745	11.58	10.23	13.97
		5785	11.47	9.53	13.62
		5825	10.97	9.09	13.14
	52T/39	5745	11.57	10.19	13.94
		5785	11.43	9.51	13.59
		5825	10.97	9.01	13.11
	52T/40	5745	11.54	10.16	13.91
		5785	11.47	9.52	13.61
		5825	11.02	9.06	13.16
	106T/53	5745	11.55	10.20	13.94
		5785	11.42	9.50	13.58
		5825	10.99	9.00	13.12
	106T/54	5745	11.60	10.20	13.97
		5785	11.41	9.54	13.59
		5825	11.02	9.01	13.14
	242T/61	5745	11.63	10.25	14.00
		5785	11.47	9.55	13.63
		5825	11.03	9.10	13.18

Mode	Tones/ RU Index	Freq. (MHz)	Average power output(dBm)		
			Chain1	Chain2	MIMO
802.11ax HE40	26T/0	5755	11.80	10.28	14.12
		5795	11.61	9.76	13.79
	26T/10	5755	11.83	10.26	14.13
		5795	11.62	9.72	13.78
	26T/17	5755	11.78	10.32	14.12
		5795	11.58	9.73	13.76
	52T/37	5755	11.78	10.32	14.12
		5795	11.58	9.74	13.77
	52T/41	5755	11.77	10.32	14.12
		5795	11.61	9.72	13.78
	52T/44	5755	11.79	10.33	14.13
		5795	11.63	9.77	13.81
	106T/53	5755	11.84	10.25	14.13
		5795	11.62	9.78	13.81
	106T/55	5755	11.86	10.32	14.17
		5795	11.56	9.72	13.75
	106T/56	5755	11.81	10.34	14.15
		5795	11.59	9.77	13.78
	242T/61	5755	11.86	10.28	14.15
		5795	11.64	9.78	13.82
	242T/62	5755	11.79	10.30	14.12
		5795	11.61	9.74	13.79
	484T/65	5755	11.87	10.35	14.19
		5795	11.65	9.79	13.83

Mode	Tones/ RU Index	Freq. (MHz)	Average power outpu(dBm)		
			Chain1	Chain2	MIMO
802.11ax HE80	26T/0	5775	11.91	9.92	14.04
	26T/18	5775	11.98	9.88	14.07
	26T/36	5775	11.93	9.97	14.07
	52T/37	5775	11.98	9.94	14.09
	52T/45	5775	11.92	9.98	14.07
	52T/52	5775	11.97	9.93	14.08
	106T/53	5775	11.98	9.96	14.10
	106T/57	5775	11.88	9.90	14.01
	106T/60	5775	11.92	9.96	14.06
	242T/61	5775	11.93	9.91	14.05
	242T/63	5775	11.93	9.98	14.07
	242T/64	5775	11.89	9.91	14.02
	484T/65	5775	11.90	9.97	14.05
	484T/66	5775	11.97	9.90	14.07
	996T/67	5775	11.98	9.98	14.10

Occupied Bandwidth

Offset 11.5dB = Attenuator 10dB+ Temporary antenna connector loss 0.5dB+ Cable loss 1dB
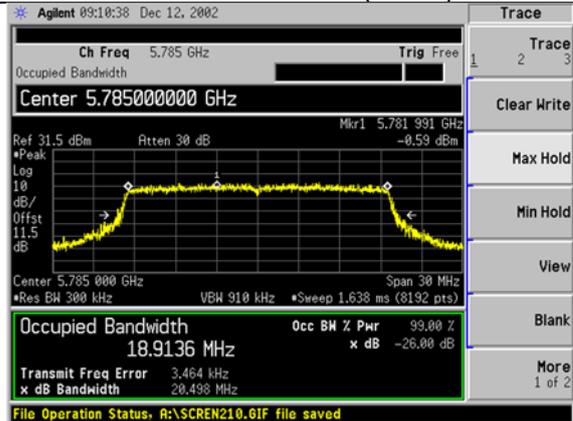
Test Mode: 802.11a

Carrier frequency (MHz)	Channel No.	26dB BW(MHz) Chain1	26dB BW(MHz) Chain2	99% BW(MHz) Chain1	99% BW(MHz) Chain2
5745	149	18.700	18.239	16.3578	16.3754
5785	157	18.942	18.796	16.4286	16.3874
5825	165	18.532	18.140	16.3910	16.3800

Test Mode: 802.11a Chain1	Test Mode: 802.11a Chain1
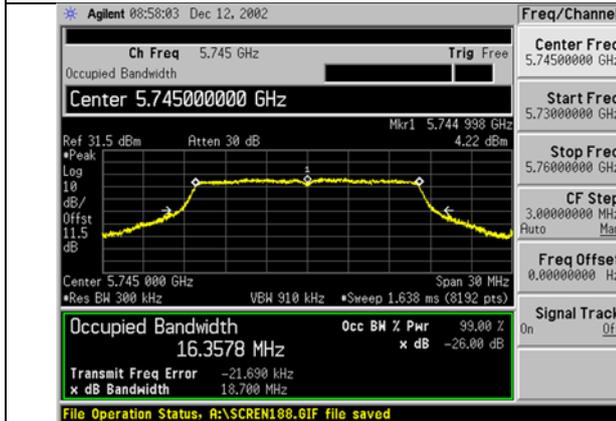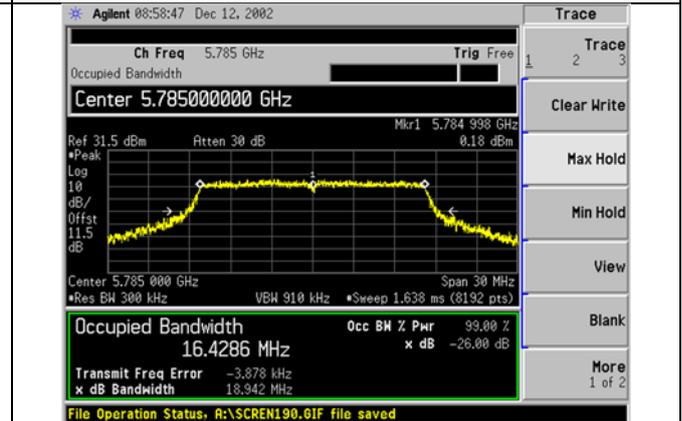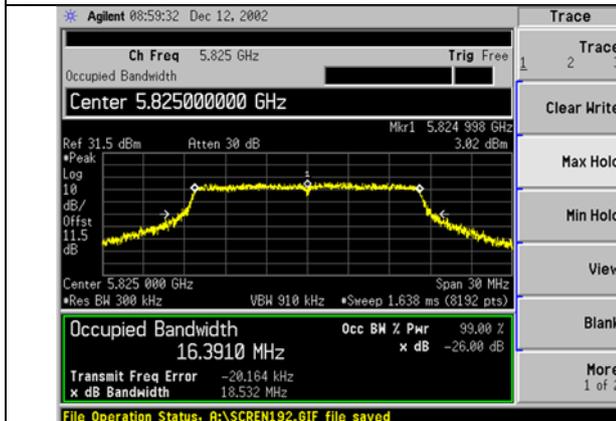
Test Mode: 802.11a Chain1	Test Mode: 802.11a Chain2
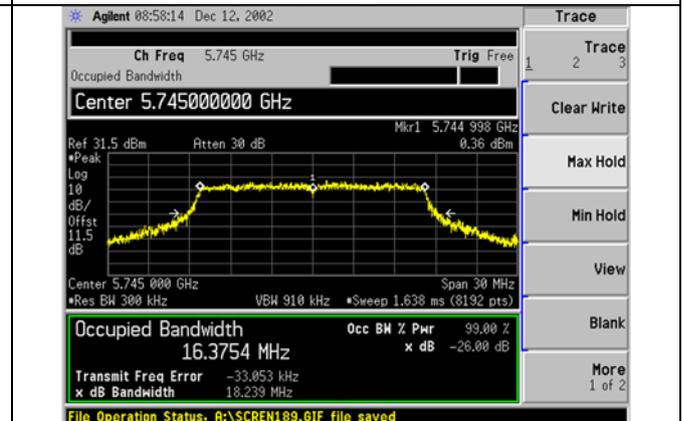
Test Mode: 802.11a Chain2	Test Mode: 802.11a Chain2
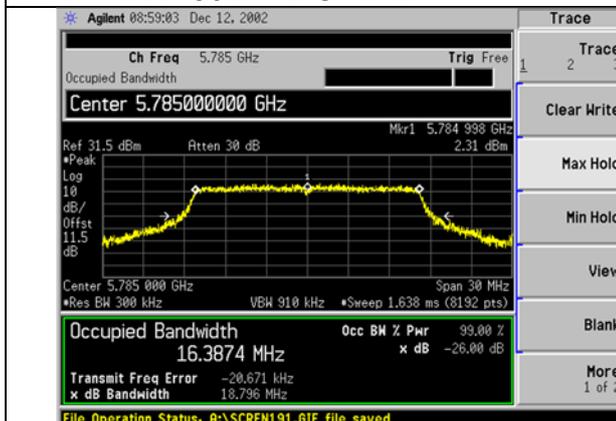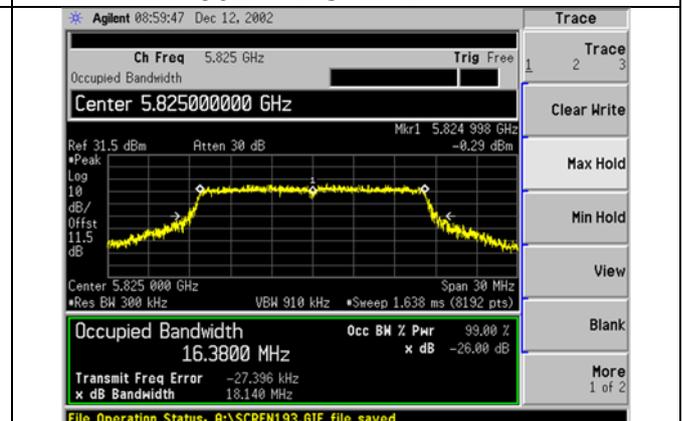
Test Mode: 802.11n HT20

Carrier frequency (MHz)	Channel No.	26dB BW(MHz) Chain1	26dB BW(MHz) Chain2	99% BW(MHz) Chain1	99% BW(MHz) Chain2
149	36	19.944	19.709	17.5664	17.5594
157	44	19.646	19.831	17.5793	17.5631
165	48	19.621	19.733	17.5350	17.558

Test Mode: 802.11n HT20 Chain1	Test Mode: 802.11n HT20 Chain1
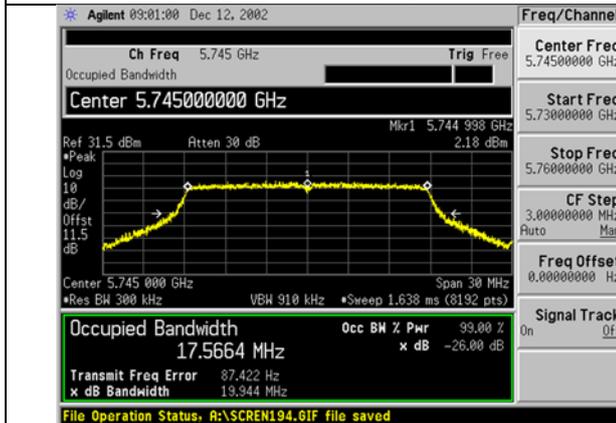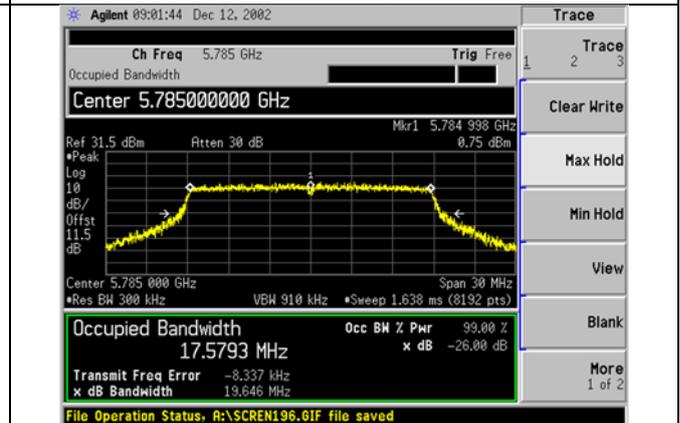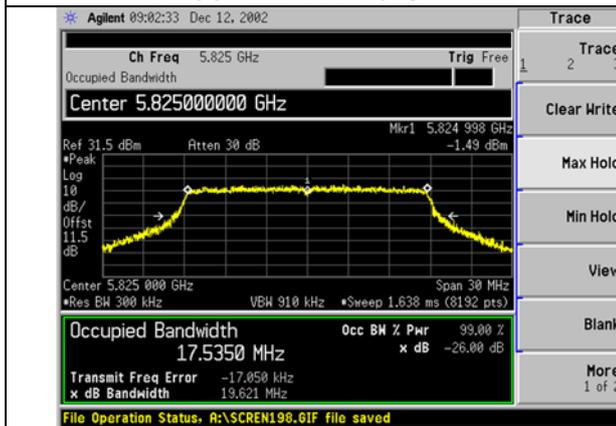
Test Mode: 802.11n HT20 Chain1	Test Mode: 802.11n HT20 Chain2
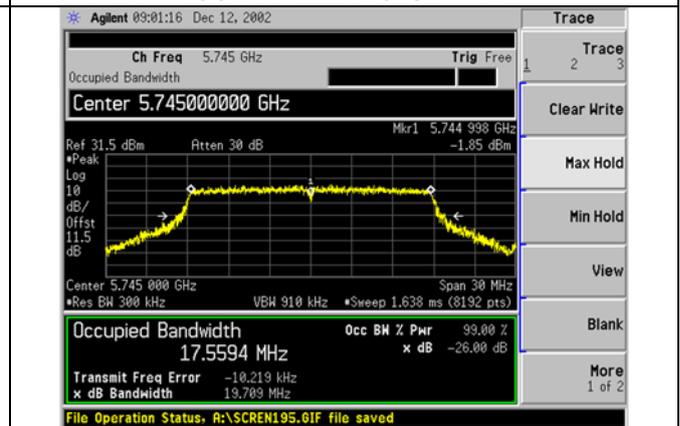
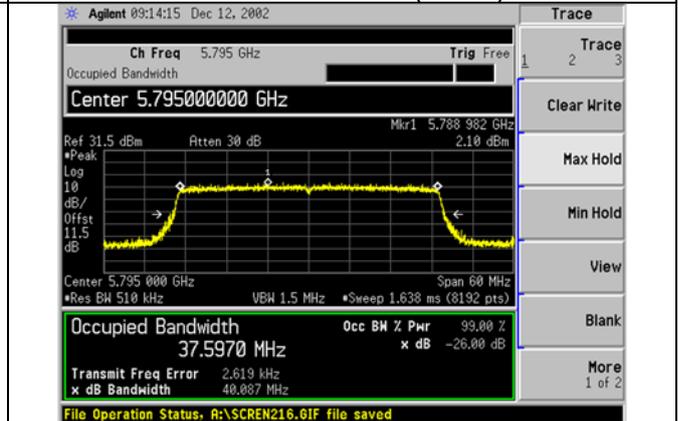| Test Mode: 802.11n HT20 Chain2	Test Mode: 802.11n HT20 Chain2
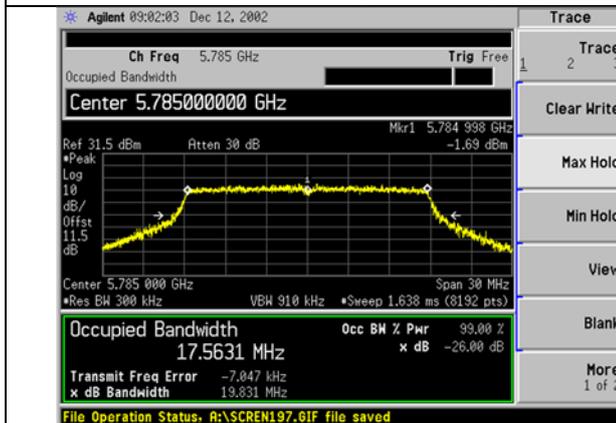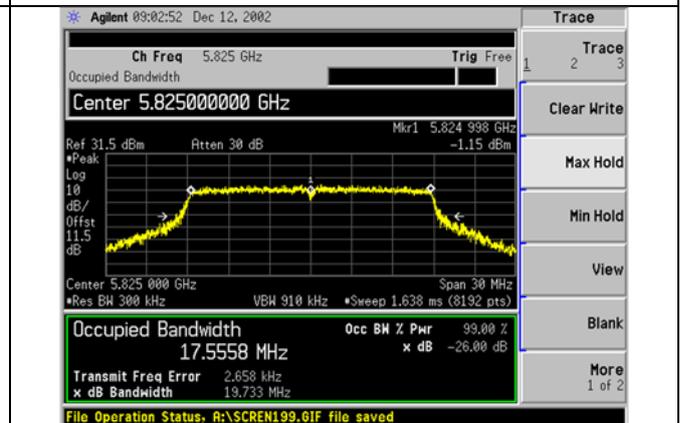
Test Mode: 802.11n HT40

Carrier frequency (MHz)	Channel No.	26dB BW(MHz) Chain1	26dB BW(MHz) Chain2	99% BW(MHz) Chain1	99% BW(MHz) Chain2
5755	151	39.053	39.036	35.9750	35.9814
5795	159	39.185	38.928	35.9786	35.9927
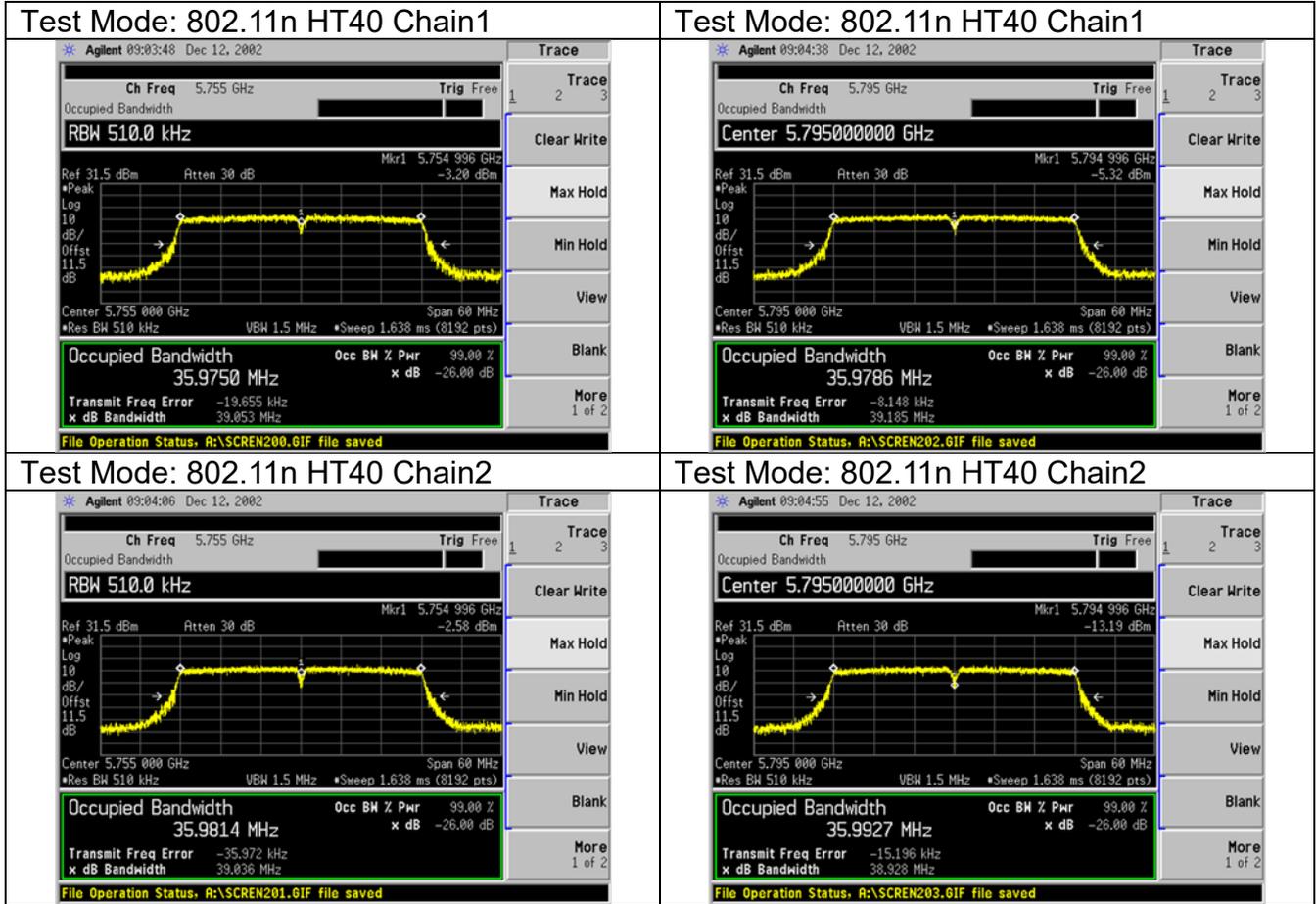
Test Mode: 802.11n HT40 Chain1	Test Mode: 802.11n HT40 Chain1

Test Mode: 802.11n HT40 Chain2	Test Mode: 802.11n HT40 Chain2

Test Mode: 802.11ac VHT80

Carrier frequency (MHz)	Channel No.	26dB BW(MHz) Chain1	26dB BW(MHz) Chain2	99% BW(MHz) Chain1	99% BW(MHz) Chain2
5755	155	81.112	81.484	75.4356	75.5050
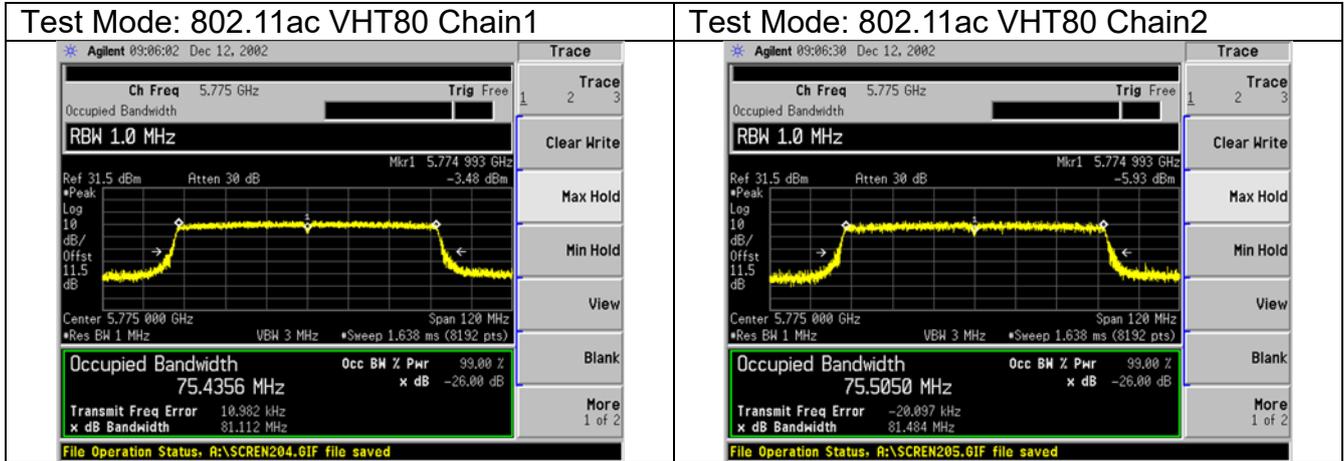
Test Mode: 802.11ac VHT80 Chain1	Test Mode: 802.11ac VHT80 Chain2

Test Mode: 802.11ax HE20(242T)

Carrier frequency (MHz)	Channel No.	26dB BW(MHz) Chain1	26dB BW(MHz) Chain2	99% BW(MHz) Chain1	99% BW(MHz) Chain2
5745	149	20.419	20.598	18.8860	18.9334
5785	157	20.498	20.479	18.9136	18.8591
5825	165	20.932	20.692	18.9163	18.8966

Test Mode: 802.11ax HE20(242T) Chain1	Test Mode: 802.11ax HE20(242T) Chain1
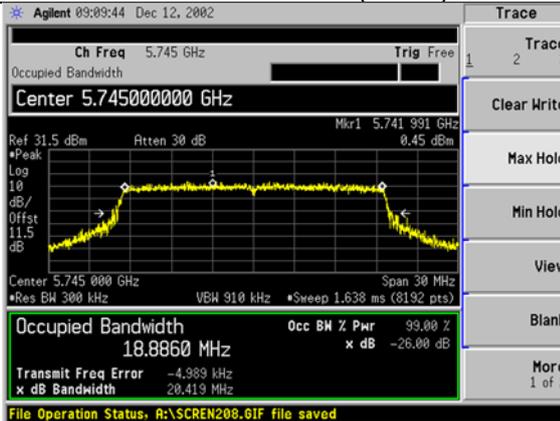
Test Mode: 802.11ax HE20(242T) Chain1	Test Mode: 802.11ax HE20(242T) Chain2
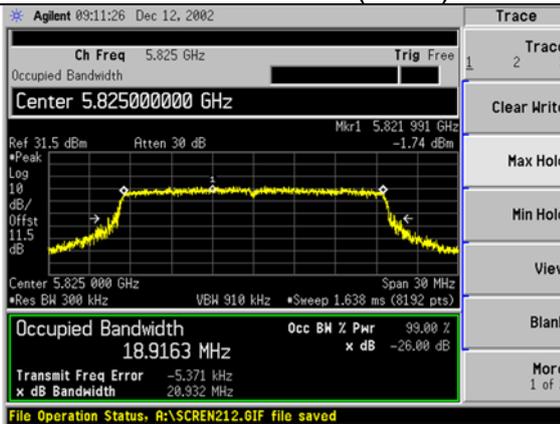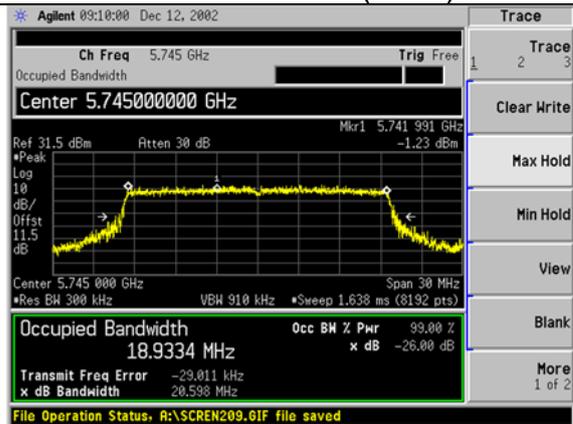
Test Mode: 802.11ax HE20(242T) Chain2	Test Mode: 802.11ax HE20(242T) Chain2
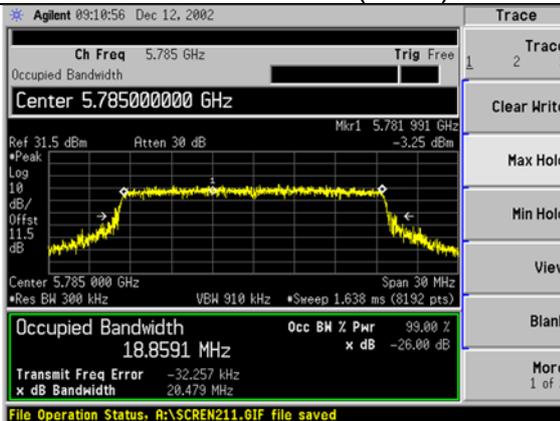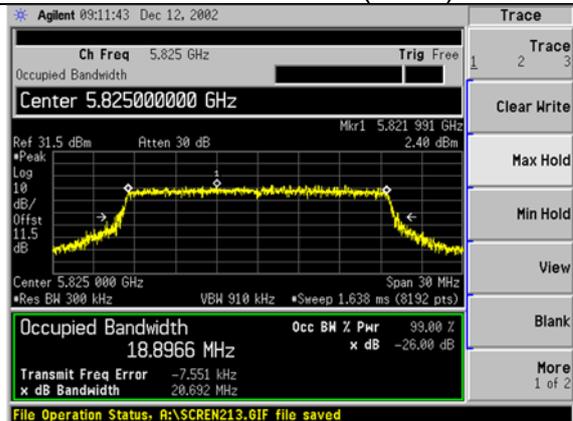
Test Mode: 802.11ax HE40(484T)

Carrier frequency (MHz)	Channel No.	26dB BW(MHz) Chain1	26dB BW(MHz) Chain2	99% BW(MHz) Chain1	99% BW(MHz) Chain2
5755	151	39.477	40.099	37.6740	37.6697
5795	159	40.087	40.236	37.5970	37.6399

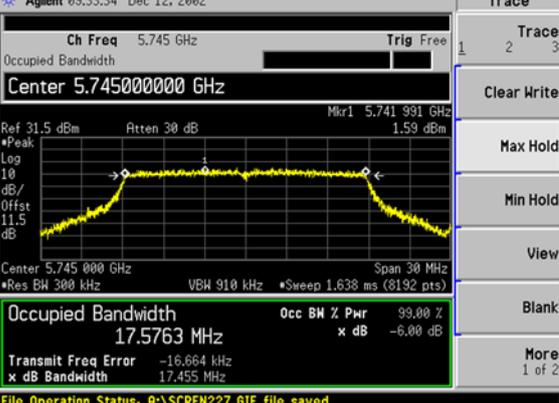| Test Mode: 802.11ax HE40(484T) Chain1	Test Mode: 802.11ax HE40(484T) Chain1
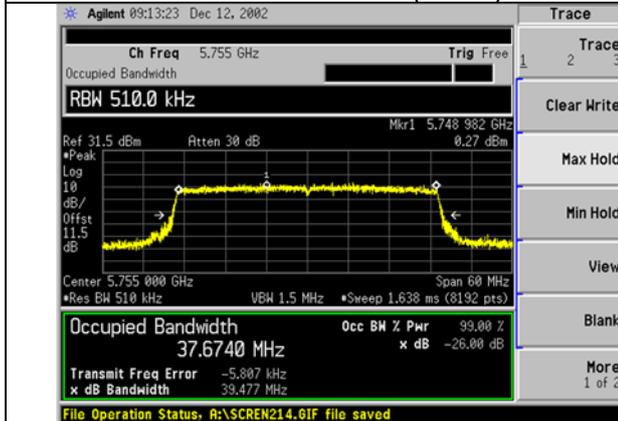
Test Mode: 802.11ax HE40(484T) Chain2	Test Mode: 802.11ax HE40(484T) Chain2
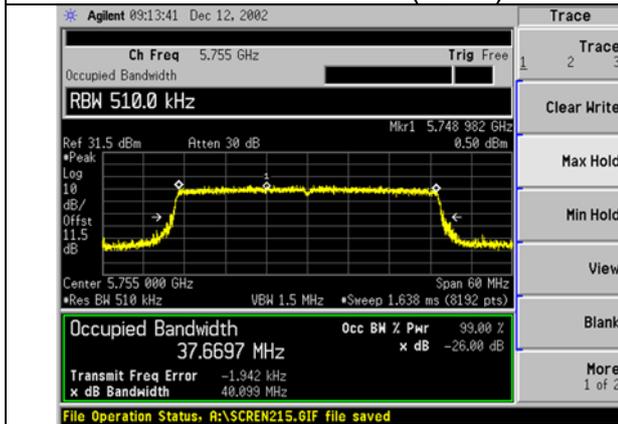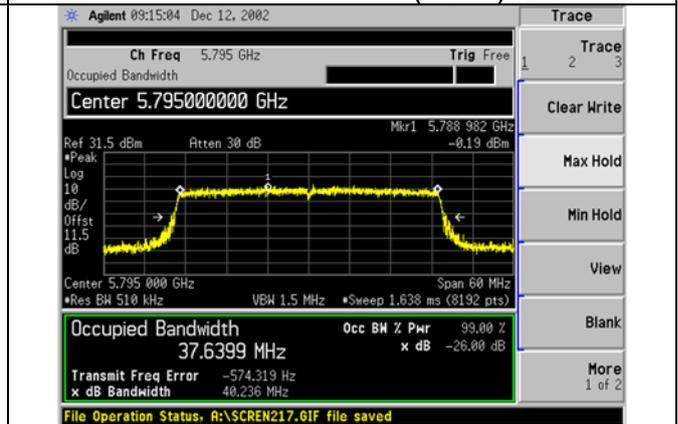
Test Mode: 802.11ax HE80(996T)

Carrier frequency (MHz)	Channel No.	26dB BW(MHz) Chain1	26dB BW(MHz) Chain2	99% BW(MHz) Chain1	99% BW(MHz) Chain2
5755	155	80753	80.832	77.0876	77.1578

Test Mode: 802.11ax HE80(996T) Chain1	Test Mode: 802.11ax HE80(996T) Chain2
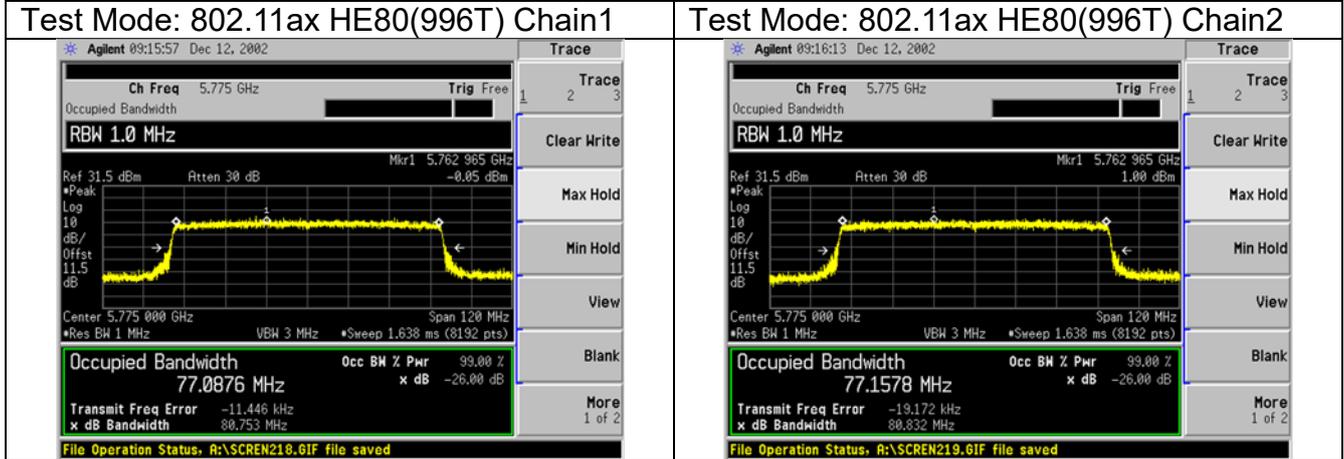
6dB Bandwidth

Offset 11.5dB = Attenuator 10dB+ Temporary antenna connector loss 0.5dB+ Cable loss 1dB

Test Mode: 802.11a

Carrier frequency (MHz)	Channel No.	6dB Bandwidth (MHz) Chain1	6dB Bandwidth (MHz) Chain2
5745	149	16.260	16.034
5785	157	16.141	16.315
5825	165	16.162	16.234

Test Mode: 802.11a Chain1	Test Mode: 802.11a Chain1
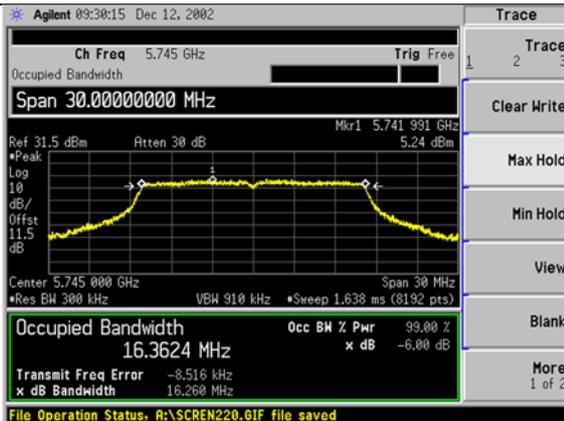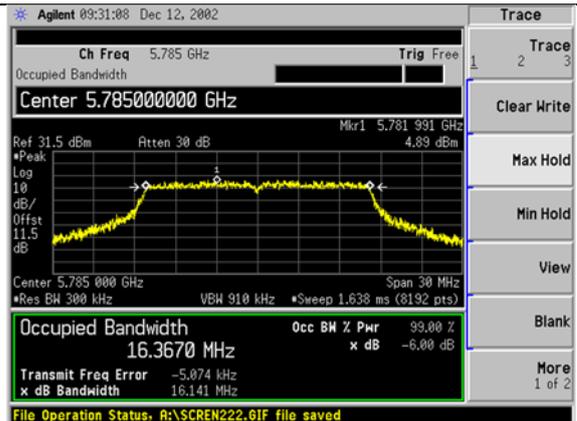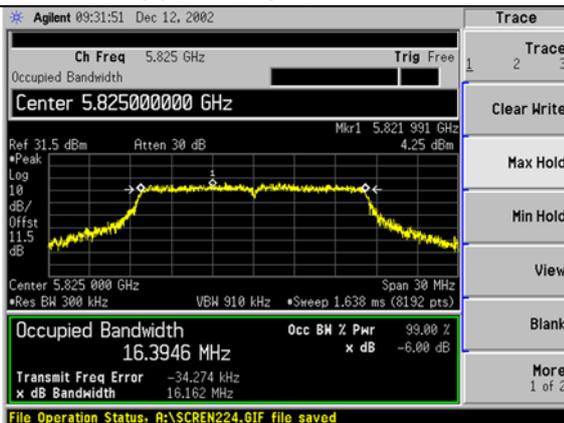
Test Mode: 802.11a Chain1	Test Mode: 802.11a Chain2
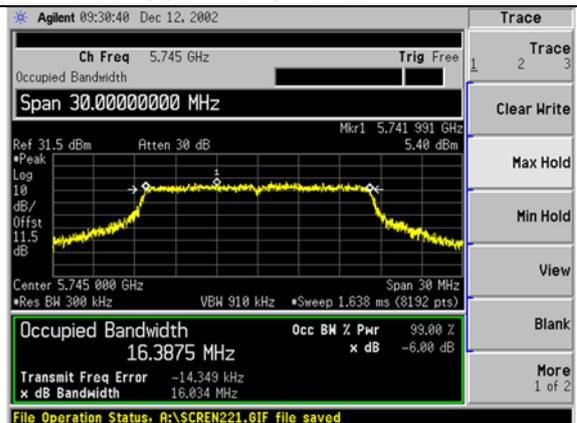
Test Mode: 802.11a Chain2	Test Mode: 802.11a Chain2
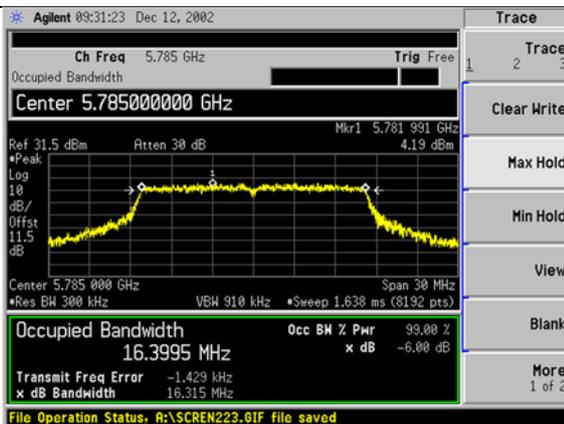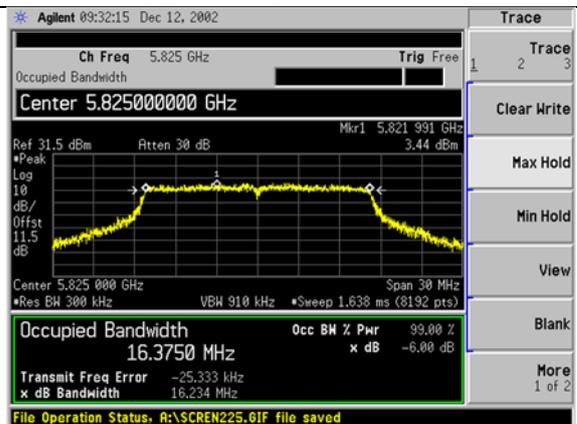
Test Mode: 802.11n HT20

Carrier frequency (MHz)	Channel No.	6dB Bandwidth (MHz) Chain1	6dB Bandwidth (MHz) Chain2
5745	149	17.409	17.455
5785	157	17.295	17.486
5825	165	17.463	17.431

Test Mode: 802.11n HT20 Chain1	Test Mode: 802.11n HT20 Chain1
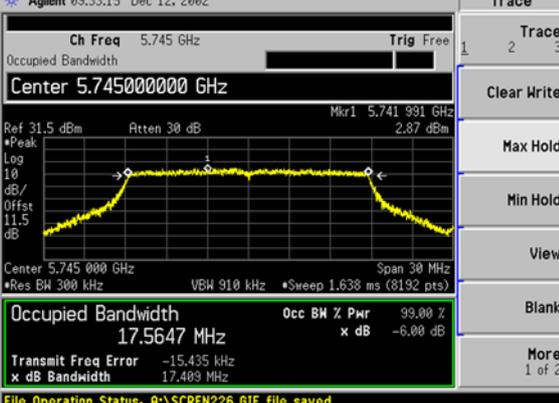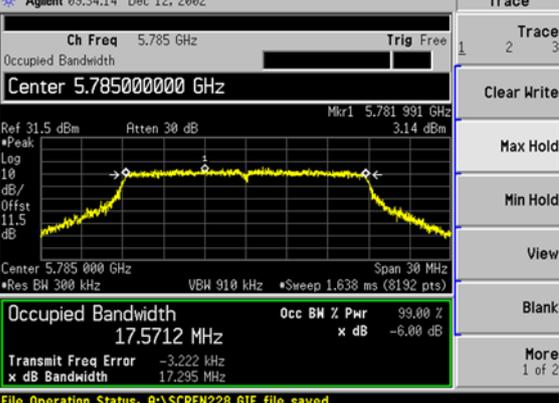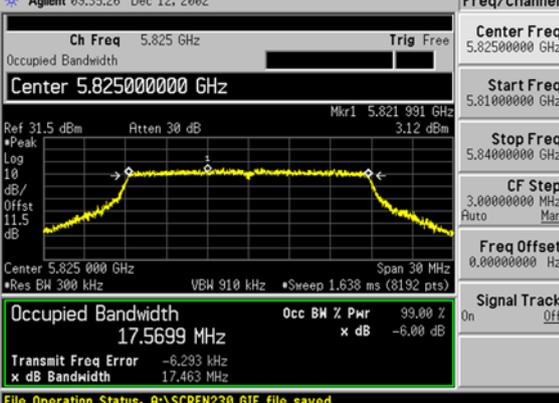
Test Mode: 802.11n HT20 Chain1	Test Mode: 802.11n HT20 Chain2

Test Mode: 802.11n HT20 Chain2	Test Mode: 802.11n HT20 Chain2

Test Mode: 802.11n HT40

Carrier frequency (MHz)	Channel No.	6dB Bandwidth (MHz) Chain1	6dB Bandwidth (MHz) Chain2
5755	151	36.040	36.065
5795	159	36.115	35.969

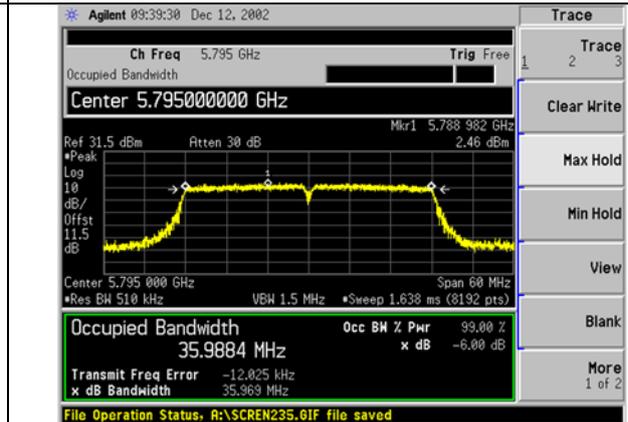| Test Mode: 802.11n HT40 Chain1	Test Mode: 802.11n HT40 Chain1
Test Mode: 802.11n HT40 Chain2	Test Mode: 802.11n HT40 Chain2
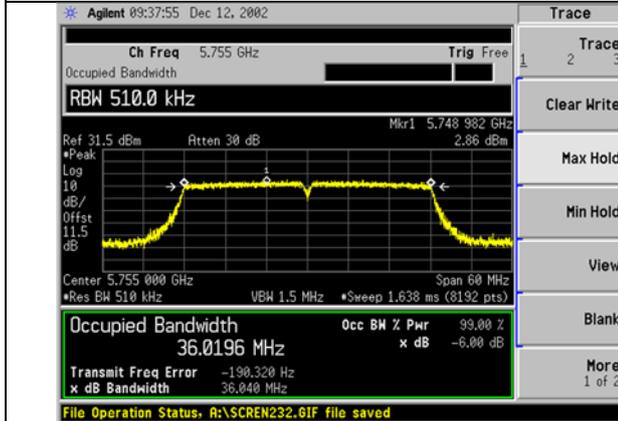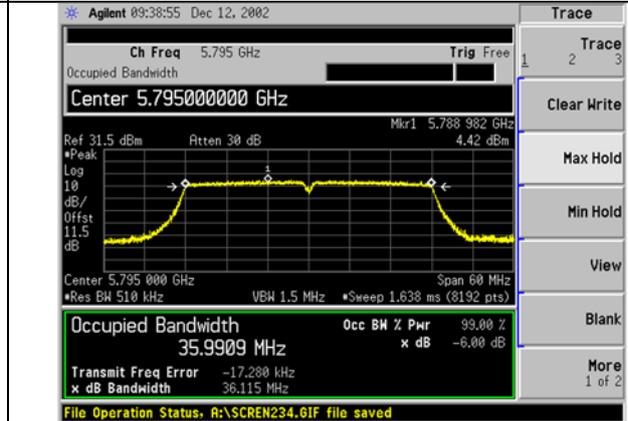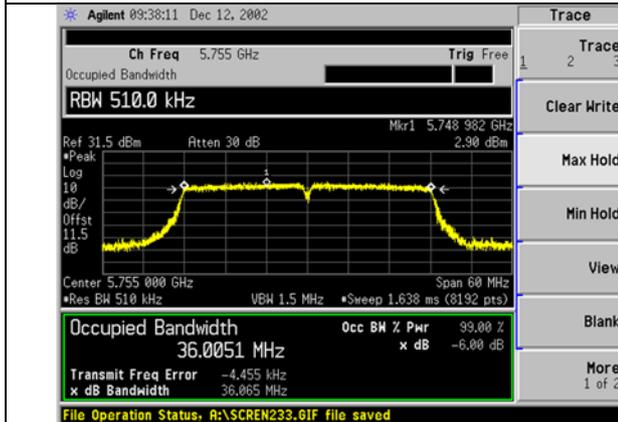
Test Mode: 802.11ac VHT80

Carrier frequency (MHz)	Channel No.	26dB Bandwidth (MHz) Chain1	26dB Bandwidth (MHz) Chain2
5755	155	75.523	76.060

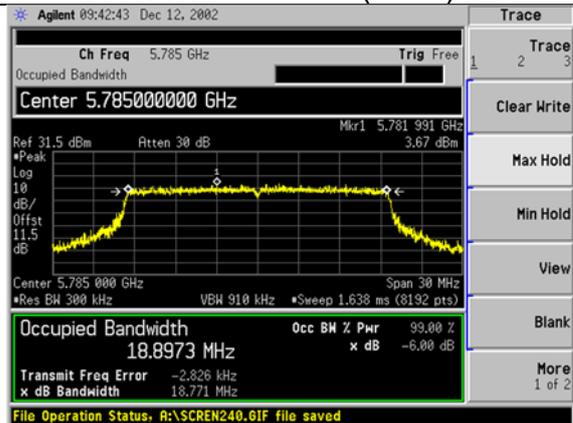| Test Mode: 802.11ac VHT80 Chain1	Test Mode: 802.11ac VHT80 Chain2
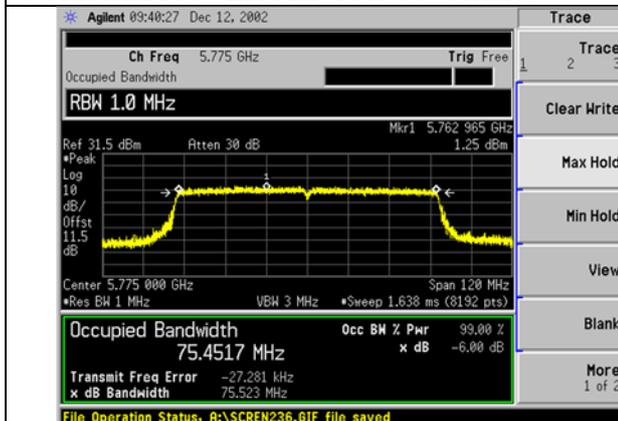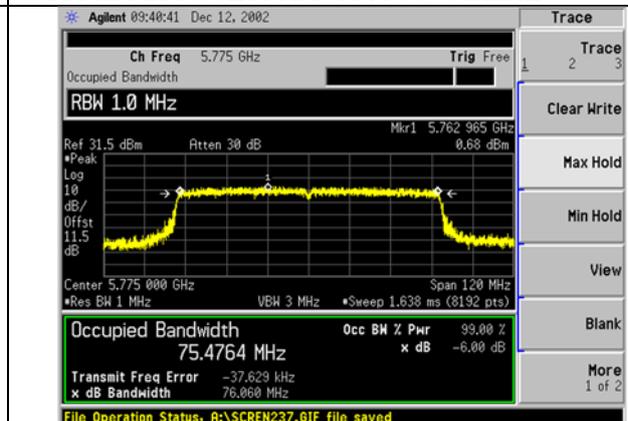
Test Mode: 802.11ax HE20(242T)

Carrier frequency (MHz)	Channel No.	6dB Bandwidth (MHz) Chain1	6dB Bandwidth (MHz) Chain2
5745	149	18.580	18.907
5785	157	18.771	18.858
5825	165	18.853	18.976

Test Mode: 802.11ax HE20(242T) Chain1	Test Mode: 802.11ax HE20(242T) Chain1
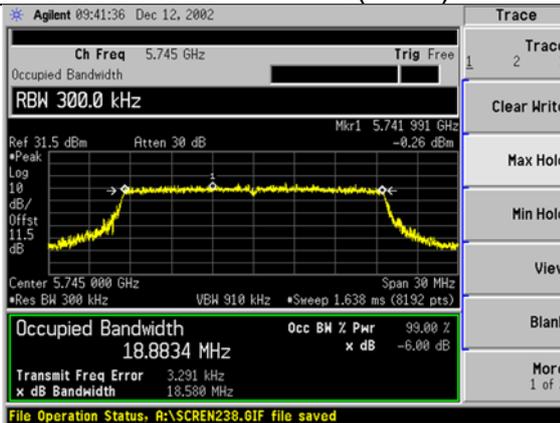
Test Mode: 802.11ax HE20(242T) Chain1	Test Mode: 802.11ax HE20(242T) Chain2
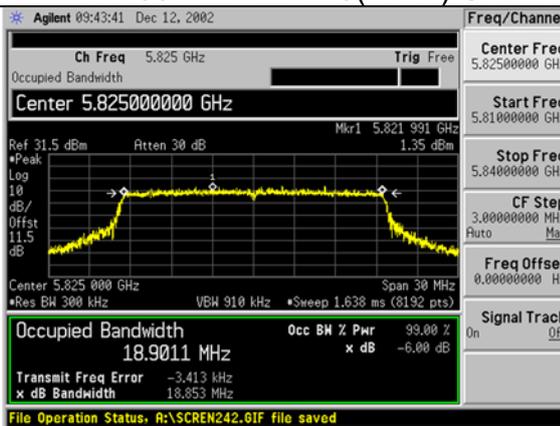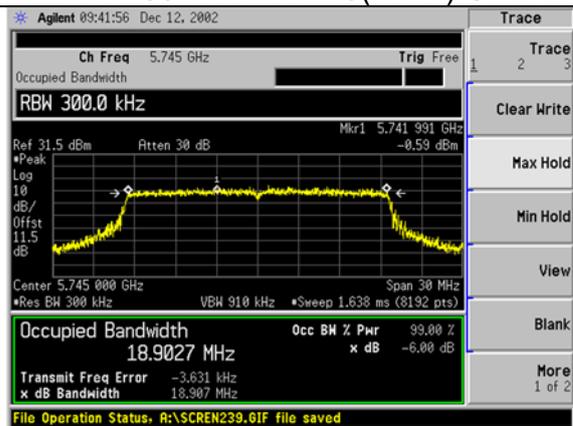
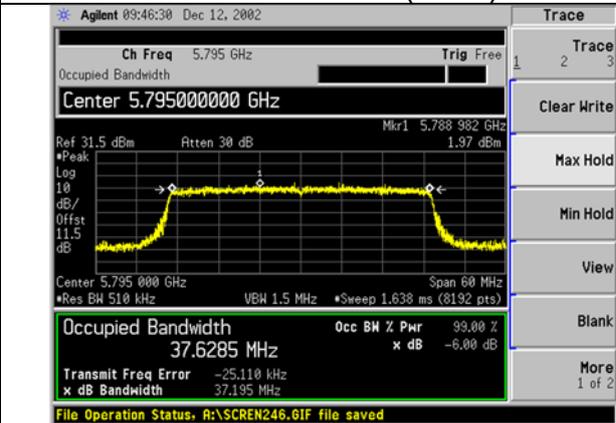| Test Mode: 802.11ax HE20(242T) Chain2	Test Mode: 802.11ax HE20(242T) Chain2
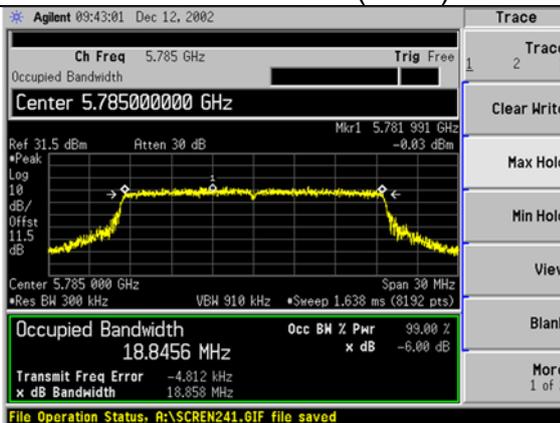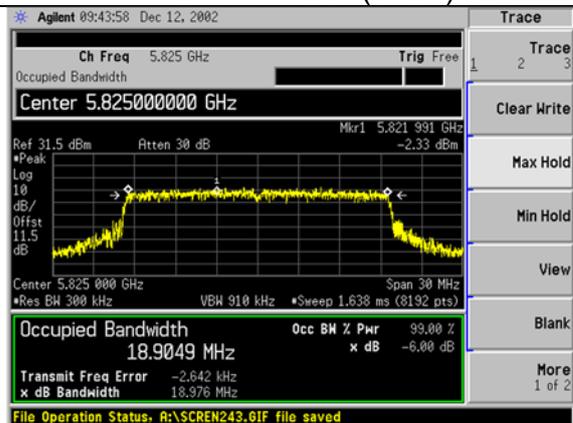
Test Mode: 802.11ax HE40(484T)

Carrier frequency (MHz)	Channel No.	6dB Bandwidth (MHz) Chain1	6dB Bandwidth (MHz) Chain2
5755	151	37.797	37.186
5795	159	37.195	37.503

Test Mode: 802.11ax HE40(484T) Chain1	Test Mode: 802.11ax HE40(484T) Chain1
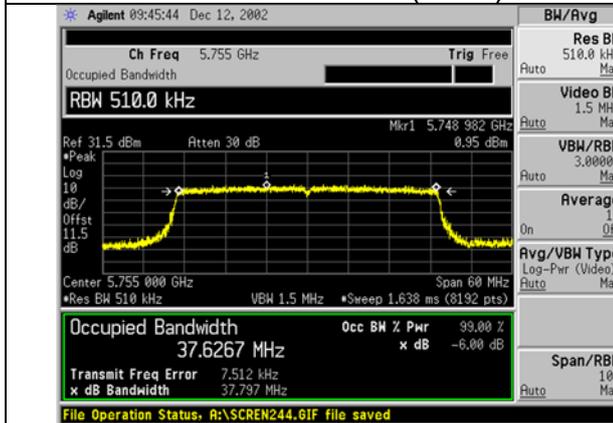
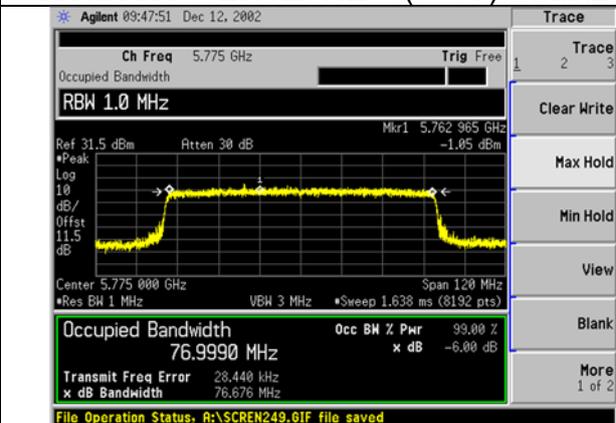| Test Mode: 802.11ax HE40(484T) Chain2	Test Mode: 802.11ax HE40(484T) Chain2
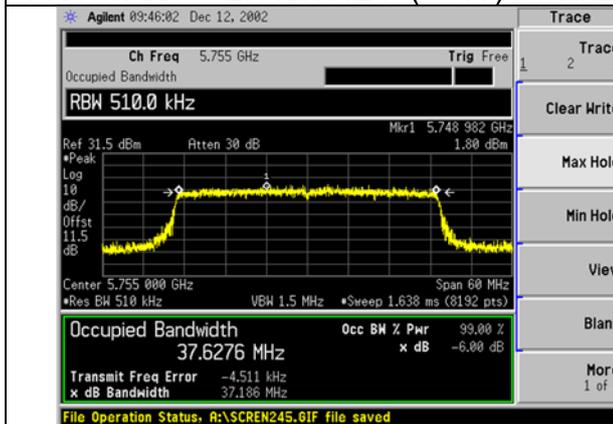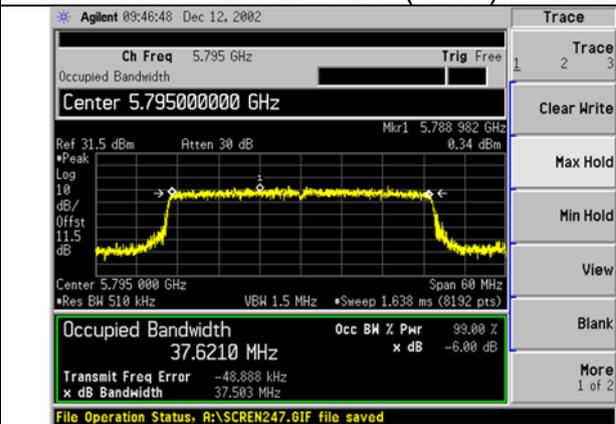
Test Mode: 802.11ax HE80(996T)

Carrier frequency (MHz)	Channel No.	6dB Bandwidth (MHz) Chain1	6dB Bandwidth (MHz) Chain2
5755	155	76.072	76.676
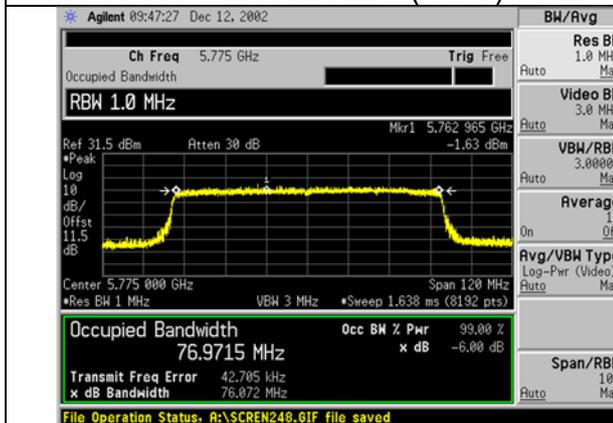
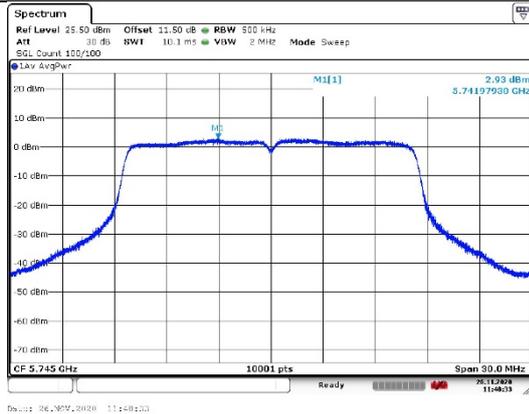| Test Mode: 802.11ax HE80(996T) Chain1	Test Mode: 802.11ax HE80(996T) Chain2

Transmitter Power Spectral Density

Offset 11.5dB = Attenuator 10dB+ Temporary antenna connector loss 0.5dB+ Cable loss 1dB

Test Mode: 802.11a
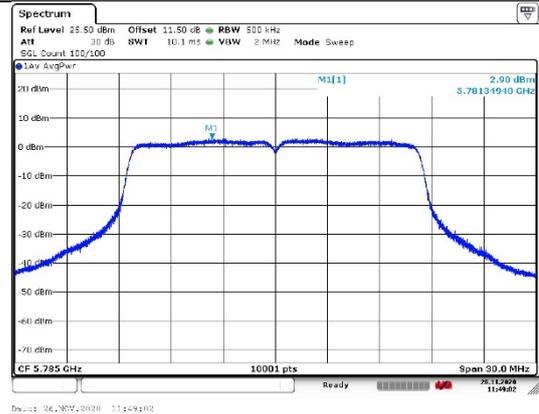
Carrier frequency (MHz)	Correction Factor(dB)	Power Density (dBm) Chain1	Power Density (dBm) Chain2
5745	0.033	2.96	1.52
5785	0.033	2.93	0.86
5825	0.033	2.60	0.36

Test Mode: 802.11a Chain1	Test Mode: 802.11a Chain1
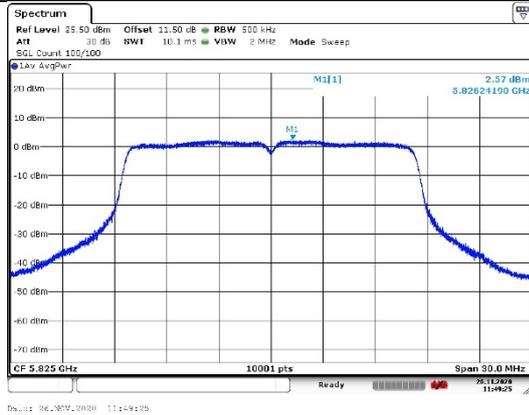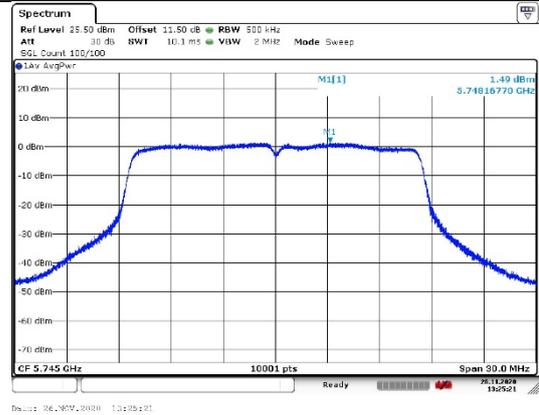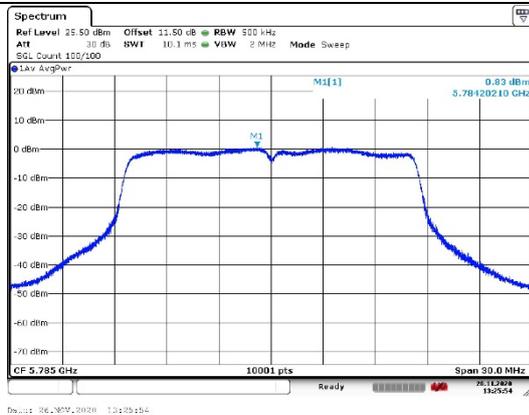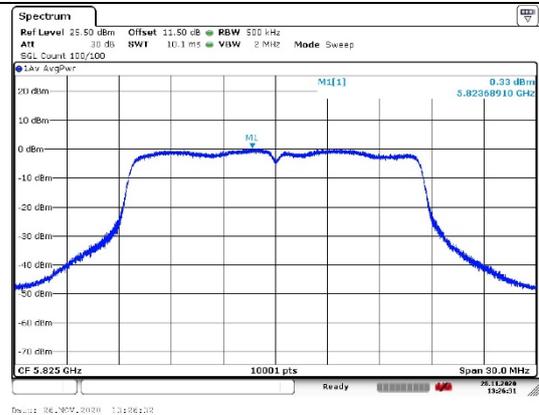
Test Mode: 802.11a Chain1	Test Mode: 802.11a Chain2

Test Mode: 802.11a Chain2	Test Mode: 802.11a Chain2

Test Mode: 802.11n HT20

Carrier frequency (MHz)	Correction Factor(dB)	Power Density (dBm) Chain1	Power Density (dBm) Chain2	Power Density (dBm) MIMO
5745	0.018	1.26	-0.11	3.64
5785	0.018	1.27	-0.98	3.30
5825	0.018	0.82	-1.46	2.84
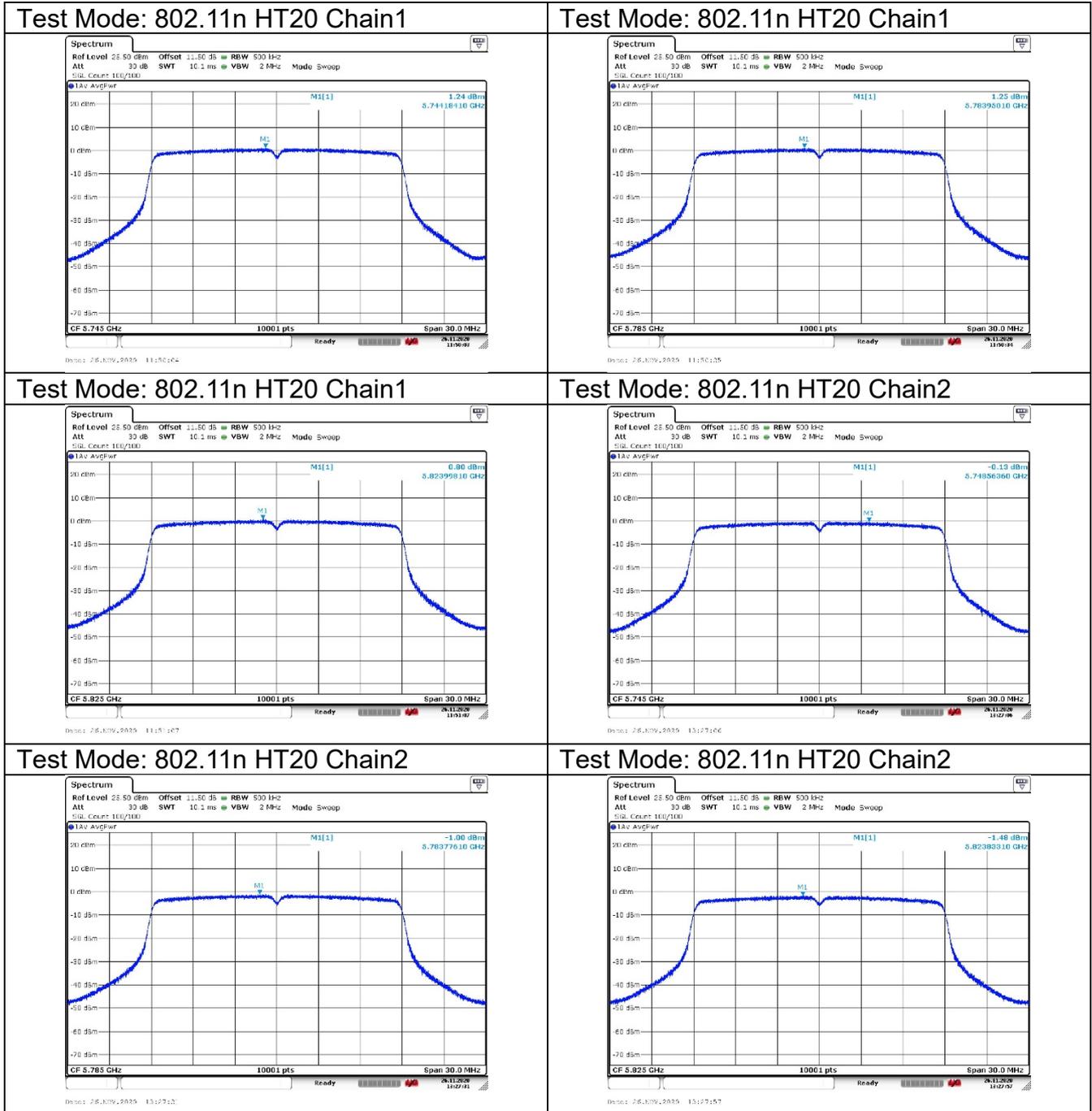
Test Mode: 802.11n HT20 Chain1	Test Mode: 802.11n HT20 Chain1

Test Mode: 802.11n HT20 Chain1	Test Mode: 802.11n HT20 Chain2

Test Mode: 802.11n HT20 Chain2	Test Mode: 802.11n HT20 Chain2

Test Mode: 802.11n HT40

Carrier frequency (MHz)	Correction Factor(dB)	Power Density (dBm) Chain1	Power Density (dBm) Chain2	Power Density (dBm) MIMO
5755	0.037	-1.29	-3.28	0.84
5795	0.037	-1.61	-3.65	0.50

Test Mode: 802.11n HT40 Chain1	Test Mode: 802.11n HT40 Chain1

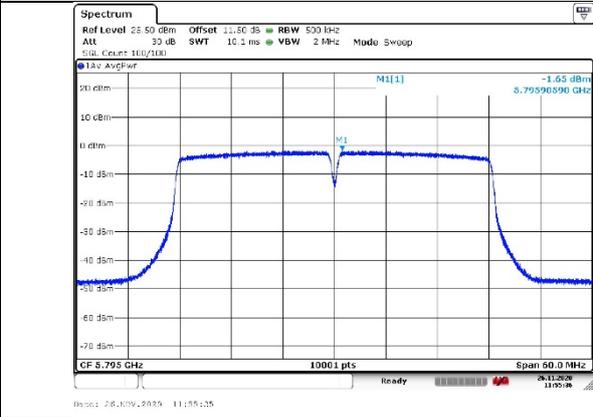| Test Mode: 802.11n HT40 Chain2	Test Mode: 802.11n HT40 Chain2
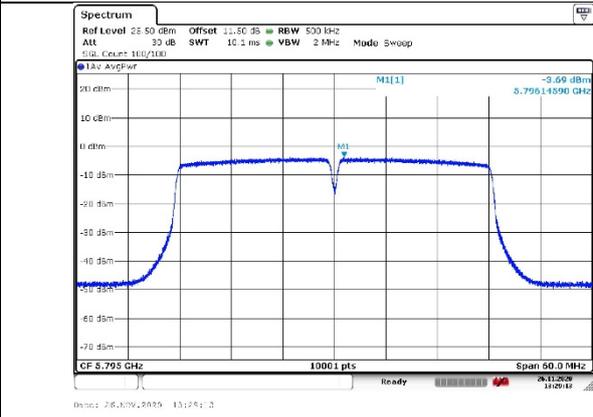
Test Mode: 802.11ac VHT80

Carrier frequency (MHz)	Correction Factor(dB)	Power Density (dBm) Chain1	Power Density (dBm) Chain2	Power Density (dBm) MIMO
5775	0.046	-6.66	-8.66	0.046

Test Mode: 802.11ac VHT80 Chain1	Test Mode: 802.11ac VHT80 Chain2