Galtronics Omni Antenna PSD Test Result

For FCC bands UNII-2A & UNII-2C

Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ MHz)	Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	Result
11a	6	52	5260	9.52	97.18	9.65	≤ 10.32	Pass
11a	6	60	5300	9.88	97.18	10.00	≤ 10.32	Pass
11a	6	64	5320	9.57	97.18	9.70	≤ 10.32	Pass
11a	6	100	5500	10.01	97.18	10.13	≤ 10.40	Pass
11a	6	116	5580	9.92	97.18	10.04	≤ 10.40	Pass
11a	6	120	5600	9.86	97.18	9.99	≤ 10.40	Pass
11a	6	140	5700	10.03	97.18	10.15	≤ 10.40	Pass
11n-HT20	6.5	52	5260	9.59	98.81	9.59	≤ 10.32	Pass
11n-HT20	6.5	60	5300	9.88	98.81	9.88	≤ 10.32	Pass
11n-HT20	6.5	64	5320	9.76	98.81	9.76	≤ 10.32	Pass
11n-HT20	6.5	100	5500	10.24	98.81	10.24	≤ 10.40	Pass
11n-HT20	6.5	116	5580	10.00	98.81	10.00	≤ 10.40	Pass
11n-HT20	6.5	120	5600	9.85	98.81	9.85	≤ 10.40	Pass
11n-HT20	6.5	140	5700	10.20	98.81	10.20	≤ 10.40	Pass
11n-HT40	13.5	54	5270	6.80	97.55	6.80	≤ 10.32	Pass
11n-HT40	13.5	62	5310	7.27	97.55	7.27	≤ 10.32	Pass
11n-HT40	13.5	102	5510	7.93	97.55	7.93	≤ 10.40	Pass
11n-HT40	13.5	110	5550	8.47	97.55	8.58	≤ 10.40	Pass
11n-HT40	13.5	118	5590	8.48	97.55	8.48	≤ 10.40	Pass
11n-HT40	13.5	134	5670	8.19	97.55	8.19	≤ 10.40	Pass
11ac-VHT20	6.5	52	5260	9.49	98.82	9.49	≤ 10.32	Pass
11ac-VHT20	6.5	60	5300	10.14	98.82	10.14	≤ 10.32	Pass
11ac-VHT20	6.5	64	5320	9.70	98.82	9.70	≤ 10.32	Pass
11ac-VHT20	6.5	100	5500	10.20	98.82	10.20	≤ 10.40	Pass
11ac-VHT20	6.5	116	5580	9.98	98.82	9.98	≤ 10.40	Pass
11ac-VHT20	6.5	120	5600	9.84	98.82	9.84	≤ 10.40	Pass
11ac-VHT20	6.5	140	5700	10.12	98.82	10.12	≤ 10.40	Pass
11ac-VHT20	6.5	144	5720	10.29	98.82	10.29	≤ 10.40	Pass
11ac-VHT40	13.5	54	5270	6.80	97.40	6.92	≤ 10.32	Pass
11ac-VHT40	13.5	62	5310	7.19	97.40	7.30	≤ 10.32	Pass

11ac-VHT40	13.5	102	5510	7.40	97.40	7.51	≤ 10.40	Pass
11ac-VHT40	13.5	110	5550	7.76	97.40	7.87	≤ 10.40	Pass
11ac-VHT40	13.5	118	5590	8.34	97.40	8.45	≤ 10.40	Pass
11ac-VHT40	13.5	134	5670	8.20	97.40	8.31	≤ 10.40	Pass
11ac-VHT40	13.5	142	5710	8.56	97.40	8.68	≤ 10.40	Pass
11ac-VHT80	29.3	58	5290	3.53	94.30	3.78	≤ 10.32	Pass
11ac-VHT80	29.3	106	5530	4.78	94.30	5.03	≤ 10.40	Pass
11ac-VHT80	29.3	122	5610	4.60	94.30	4.85	≤ 10.40	Pass
11ac-VHT80	29.3	138	5690	5.23	94.30	5.49	≤ 10.40	Pass

Note: When EUT duty cycle < 98%, the total PSD = Ant 0 PSD (dBm/MHz) + 10*log(1/duty cycle)

Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 1 PSD (dBm/ MHz)	Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	Result
11a	6	52	5260	9.91	97.18	10.04	≤ 10.47	Pass
11a	6	60	5300	10.11	97.18	10.23	≤ 10.47	Pass
11a	6	64	5320	9.73	97.18	9.85	≤ 10.47	Pass
11a	6	100	5500	10.75	97.18	10.91	≤ 11.00	Pass
11a	6	116	5580	10.79	97.18	10.87	≤ 11.00	Pass
11a	6	120	5600	10.51	97.18	10.63	≤ 11.00	Pass
11a	6	140	5700	10.36	97.18	10.49	≤ 11.00	Pass
11n-HT20	6.5	52	5260	10.10	98.81	10.10	≤ 10.47	Pass
11n-HT20	6.5	60	5300	10.19	98.81	10.19	≤ 10.47	Pass
11n-HT20	6.5	64	5320	9.99	98.81	9.99	≤ 10.47	Pass
11n-HT20	6.5	100	5500	10.29	98.81	10.29	≤ 11.00	Pass
11n-HT20	6.5	116	5580	10.68	98.81	10.68	≤ 11.00	Pass
11n-HT20	6.5	120	5600	10.49	98.81	10.49	≤ 11.00	Pass
11n-HT20	6.5	140	5700	10.51	98.81	10.51	≤ 11.00	Pass
11n-HT40	13.5	54	5270	7.13	97.55	7.24	≤ 10.47	Pass
11n-HT40	13.5	62	5310	7.18	97.55	7.29	≤ 10.47	Pass
11n-HT40	13.5	102	5510	8.16	97.55	8.27	≤ 11.00	Pass
11n-HT40	13.5	110	5550	8.81	97.55	8.92	≤ 11.00	Pass
11n-HT40	13.5	118	5590	7.84	97.55	7.95	≤ 11.00	Pass
11n-HT40	13.5	134	5670	8.02	97.55	8.12	≤ 11.00	Pass
11ac-VHT20	6.5	52	5260	9.98	98.82	10.03	≤ 10.47	Pass
11ac-VHT20	6.5	60	5300	10.11	98.82	10.16	≤ 10.47	Pass
11ac-VHT20	6.5	64	5320	9.87	98.82	9.92	≤ 10.47	Pass
11ac-VHT20	6.5	100	5500	10.88	98.82	10.93	≤ 11.00	Pass
11ac-VHT20	6.5	116	5580	10.83	98.82	10.83	≤ 11.00	Pass
11ac-VHT20	6.5	120	5600	10.62	98.82	10.67	≤ 11.00	Pass
11ac-VHT20	6.5	140	5700	10.79	98.82	10.84	≤ 11.00	Pass
11ac-VHT20	6.5	144	5720	10.73	98.82	10.78	≤ 11.00	Pass
11ac-VHT40	13.5	54	5270	7.21	97.40	7.32	≤ 10.47	Pass
11ac-VHT40	13.5	62	5310	7.23	97.40	7.35	≤ 10.47	Pass
11ac-VHT40	13.5	102	5510	7.62	97.40	7.73	≤ 11.00	Pass
11ac-VHT40	13.5	110	5550	8.32	97.40	8.43	≤ 11.00	Pass
11ac-VHT40	13.5	118	5590	8.16	97.40	8.27	≤ 11.00	Pass

11ac-VHT40	13.5	134	5670	8.01	97.40	8.13	≤ 11.00	Pass
11ac-VHT40	13.5	142	5710	8.49	97.40	8.61	≤ 11.00	Pass
11ac-VHT80	29.3	58	5290	5.15	94.30	5.40	≤ 10.47	Pass
11ac-VHT80	29.3	106	5530	4.93	94.30	5.18	≤ 11.00	Pass
11ac-VHT80	29.3	122	5610	4.45	94.30	4.70	≤ 11.00	Pass
11ac-VHT80	29.3	138	5690	5.10	94.30	5.35	≤ 11.00	Pass

Note: When EUT duty cycle < 98%, the total PSD = Ant 1 PSD (dBm/MHz) + 10*log(1/duty cycle)

Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 2 PSD (dBm/ MHz)	Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	Result
11a	6	52	5260	9.83	97.18	9.96	≤ 10.32	Pass
11a	6	60	5300	9.89	97.18	10.01	≤ 10.32	Pass
11a	6	64	5320	9.48	97.18	9.60	≤ 10.32	Pass
11a	6	100	5500	10.15	97.18	10.27	≤ 10.40	Pass
11a	6	116	5580	10.17	97.18	10.29	≤ 10.40	Pass
11a	6	120	5600	10.20	97.18	10.33	≤ 10.40	Pass
11a	6	140	5700	10.07	97.18	10.20	≤ 10.40	Pass
11n-HT20	6.5	52	5260	9.48	98.81	9.48	≤ 10.32	Pass
11n-HT20	6.5	60	5300	10.07	98.81	10.07	≤ 10.32	Pass
11n-HT20	6.5	64	5320	10.08	98.81	10.08	≤ 10.32	Pass
11n-HT20	6.5	100	5500	9.80	98.81	9.80	≤ 10.40	Pass
11n-HT20	6.5	116	5580	10.24	98.81	10.24	≤ 10.40	Pass
11n-HT20	6.5	120	5600	9.85	98.81	9.85	≤ 10.40	Pass
11n-HT20	6.5	140	5700	10.08	98.81	10.08	≤ 10.40	Pass
11n-HT40	13.5	54	5270	6.80	97.55	6.91	≤ 10.32	Pass
11n-HT40	13.5	62	5310	7.19	97.55	7.30	≤ 10.32	Pass
11n-HT40	13.5	102	5510	7.68	97.55	7.78	≤ 10.40	Pass
11n-HT40	13.5	110	5550	8.08	97.55	8.19	≤ 10.40	Pass
11n-HT40	13.5	118	5590	8.41	97.55	8.52	≤ 10.40	Pass
11n-HT40	13.5	134	5670	8.27	97.55	8.38	≤ 10.40	Pass
11ac-VHT20	6.5	52	5260	9.66	98.82	9.66	≤ 10.32	Pass
11ac-VHT20	6.5	60	5300	10.00	98.82	10.00	≤ 10.32	Pass
11ac-VHT20	6.5	64	5320	10.18	98.82	10.18	≤ 10.32	Pass
11ac-VHT20	6.5	100	5500	9.83	98.82	9.83	≤ 10.40	Pass
11ac-VHT20	6.5	116	5580	9.87	98.82	9.87	≤ 10.40	Pass
11ac-VHT20	6.5	120	5600	9.96	98.82	9.96	≤ 10.40	Pass
11ac-VHT20	6.5	140	5700	9.84	98.82	9.84	≤ 10.40	Pass
11ac-VHT20	6.5	144	5720	9.83	98.82	9.83	≤ 10.40	Pass
11ac-VHT40	13.5	54	5270	6.53	97.40	6.64	≤ 10.32	Pass
11ac-VHT40	13.5	62	5310	6.98	97.40	7.09	≤ 10.32	Pass
11ac-VHT40	13.5	102	5510	7.29	97.40	7.40	≤ 10.40	Pass
11ac-VHT40	13.5	110	5550	8.05	97.40	8.16	≤ 10.40	Pass
11ac-VHT40	13.5	118	5590	8.00	97.40	8.11	≤ 10.40	Pass

11ac-VHT40	13.5	134	5670	8.04	97.40	8.16	≤ 10.40	Pass
11ac-VHT40	13.5	142	5710	8.75	97.40	8.86	≤ 10.40	Pass
11ac-VHT80	29.3	58	5290	3.36	94.30	3.61	≤ 10.32	Pass
11ac-VHT80	29.3	106	5530	4.97	94.30	5.22	≤ 10.40	Pass
11ac-VHT80	29.3	122	5610	4.36	94.30	4.62	≤ 10.40	Pass
11ac-VHT80	29.3	138	5690	5.14	94.30	5.39	≤ 10.40	Pass

Note: When EUT duty cycle < 98%, the total PSD = Ant 2 PSD (dBm/MHz) + 10*log(1/duty cycle)

Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 3 PSD (dBm/ MHz)	Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	Result
11a	6	52	5260	10.01	97.18	10.14	≤ 10.47	Pass
11a	6	60	5300	10.08	97.18	10.20	≤ 10.47	Pass
11a	6	64	5320	10.07	97.18	10.20	≤ 10.47	Pass
11a	6	100	5500	10.38	97.18	10.50	≤ 11.00	Pass
11a	6	116	5580	10.71	97.18	10.83	≤ 11.00	Pass
11a	6	120	5600	10.44	97.18	10.57	≤ 11.00	Pass
11a	6	140	5700	10.68	97.18	10.81	≤ 11.00	Pass
11n-HT20	6.5	52	5260	9.49	98.81	9.49	≤ 10.47	Pass
11n-HT20	6.5	60	5300	10.06	98.81	10.06	≤ 10.47	Pass
11n-HT20	6.5	64	5320	9.57	98.81	9.57	≤ 10.47	Pass
11n-HT20	6.5	100	5500	10.82	98.81	10.82	≤ 11.00	Pass
11n-HT20	6.5	116	5580	10.89	98.81	10.89	≤ 11.00	Pass
11n-HT20	6.5	120	5600	10.35	98.81	10.35	≤ 11.00	Pass
11n-HT20	6.5	140	5700	10.59	98.81	10.59	≤ 11.00	Pass
11n-HT40	13.5	54	5270	7.02	97.55	7.12	≤ 10.47	Pass
11n-HT40	13.5	62	5310	7.08	97.55	7.18	≤ 10.47	Pass
11n-HT40	13.5	102	5510	7.81	97.55	7.92	≤ 11.00	Pass
11n-HT40	13.5	110	5550	8.62	97.55	8.73	≤ 11.00	Pass
11n-HT40	13.5	118	5590	7.97	97.55	8.07	≤ 11.00	Pass
11n-HT40	13.5	134	5670	7.89	97.55	8.00	≤ 11.00	Pass
11ac-VHT20	6.5	52	5260	9.68	98.82	9.68	≤ 10.47	Pass
11ac-VHT20	6.5	60	5300	10.20	98.82	10.20	≤ 10.47	Pass
11ac-VHT20	6.5	64	5320	9.75	98.82	9.75	≤ 10.47	Pass
11ac-VHT20	6.5	100	5500	10.81	98.82	10.81	≤ 11.00	Pass
11ac-VHT20	6.5	116	5580	10.84	98.82	10.84	≤ 11.00	Pass
11ac-VHT20	6.5	120	5600	10.50	98.82	10.50	≤ 11.00	Pass
11ac-VHT20	6.5	140	5700	10.80	98.82	10.80	≤ 11.00	Pass
11ac-VHT20	6.5	144	5720	10.82	98.82	10.82	≤ 11.00	Pass
11ac-VHT40	13.5	54	5270	6.89	97.40	7.00	≤ 10.47	Pass
11ac-VHT40	13.5	62	5310	7.28	97.40	7.39	≤ 10.47	Pass
11ac-VHT40	13.5	102	5510	7.96	97.40	8.08	≤ 11.00	Pass
11ac-VHT40	13.5	110	5550	8.72	97.40	8.16	≤ 11.00	Pass
11ac-VHT40	13.5	118	5590	8.05	97.40	8.83	≤ 11.00	Pass

11ac-VHT40	13.5	134	5670	8.17	97.40	8.29	≤ 11.00	Pass
11ac-VHT40	13.5	142	5710	8.07	97.40	8.18	≤ 11.00	Pass
11ac-VHT80	29.3	58	5290	3.60	94.30	3.85	≤ 10.47	Pass
11ac-VHT80	29.3	106	5530	5.01	94.30	5.26	≤ 11.00	Pass
11ac-VHT80	29.3	122	5610	4.72	94.30	4.98	≤ 11.00	Pass
11ac-VHT80	29.3	138	5690	4.97	94.30	5.23	≤ 11.00	Pass

Note: When EUT duty cycle < 98%, the total PSD = Ant 3 PSD (dBm/MHz) + 10*log(1/duty cycle)

Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ MHz)	Ant 1 PSD (dBm/ MHz)	Ant 2 PSD (dBm/ MHz)	Ant 3 PSD (dBm/ MHz)	Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	Result
11a	6	52	5260	-1.52	-2.13	-2.47	-2.51	97.18	4.01	≤ 4.37	Pass
11a	6	60	5300	-1.73	-2.54	-2.38	-2.39	97.18	3.90	≤ 4.37	Pass
11a	6	64	5320	-1.27	-2.17	-2.30	-2.40	97.18	4.13	≤ 4.37	Pass
11a	6	100	5500	-1.54	-1.39	-2.19	-1.78	97.18	4.43	≤ 4.71	Pass
11a	6	116	5580	-1.35	-1.47	-1.93	-1.31	97.18	4.64	≤ 4.71	Pass
11a	6	120	5600	-1.67	-1.89	-1.67	-1.83	97.18	4.38	≤ 4.71	Pass
11a	6	140	5700	-1.58	-1.49	-1.38	-1.71	97.18	4.61	≤ 4.71	Pass
11n-HT20	26	52	5260	-1.88	-2.47	-2.48	-2.39	98.81	3.72	≤ 4.37	Pass
11n-HT20	26	60	5300	-2.04	-2.95	-2.51	-2.69	98.81	3.49	≤ 4.37	Pass
11n-HT20	26	64	5320	-1.99	-2.47	-2.20	-2.88	98.81	3.65	≤ 4.37	Pass
11n-HT20	26	100	5500	-1.16	-1.68	-1.92	-1.71	98.81	4.41	≤ 4.71	Pass
11n-HT20	26	116	5580	-1.62	-1.59	-1.91	-1.69	98.81	4.32	≤ 4.71	Pass
11n-HT20	26	120	5600	-1.25	-1.45	-1.55	-1.60	98.81	4.56	≤ 4.71	Pass
11n-HT20	26	140	5700	-1.42	-1.45	-1.54	-1.55	98.81	4.53	≤ 4.71	Pass
11n-HT40	54	54	5270	-4.47	-4.64	-5.00	-5.22	97.55	1.31	≤ 4.37	Pass
11n-HT40	54	62	5310	-4.66	-5.14	-5.21	-5.83	97.55	0.94	≤ 4.37	Pass
11n-HT40	54	102	5510	-4.21	-3.82	-4.51	-4.32	97.55	1.92	≤ 4.71	Pass
11n-HT40	54	110	5550	-3.16	-3.35	-4.18	-3.25	97.55	2.66	≤ 4.71	Pass
11n-HT40	54	118	5590	-3.68	-3.58	-4.34	-3.81	97.55	2.29	≤ 4.71	Pass
11n-HT40	54	134	5670	-3.64	-3.73	-3.66	-4.12	97.55	2.35	≤ 4.71	Pass
11ac-VHT20	26	52	5260	-1.92	-2.47	-2.40	-2.86	98.82	3.62	≤ 4.37	Pass
11ac-VHT20	26	60	5300	-2.06	-2.96	-2.96	-3.52	98.82	3.18	≤ 4.37	Pass
11ac-VHT20	26	64	5320	-1.93	-2.54	-2.86	-2.81	98.82	3.50	≤ 4.37	Pass
11ac-VHT20	26	100	5500	-1.30	-1.69	-1.83	-2.01	98.82	4.32	≤ 4.71	Pass
11ac-VHT20	26	116	5580	-1.74	-1.78	-2.07	-1.53	98.82	4.24	≤ 4.71	Pass
11ac-VHT20	26	120	5600	-1.42	-1.44	-1.49	-1.56	98.82	4.54	≤ 4.71	Pass
11ac-VHT20	26	140	5700	-1.46	-1.51	-1.50	-1.57	98.82	4.51	≤ 4.71	Pass
11ac-VHT20	26	144	5720	-1.60	-1.68	-1.81	-1.82	98.82	4.29	≤ 4.71	Pass
11ac-VHT40	54	54	5270	-4.37	-4.98	-4.86	-5.46	97.40	1.23	≤ 4.37	Pass
11ac-VHT40	54	62	5310	-4.71	-5.21	-5.10	-6.20	97.40	0.86	≤ 4.37	Pass
11ac-VHT40	54	102	5510	-4.00	-3.95	-4.41	-4.46	97.40	1.94	≤ 4.71	Pass
11ac-VHT40	54	110	5550	-3.22	-3.40	-3.81	-3.20	97.40	2.73	≤ 4.71	Pass
11ac-VHT40	54	118	5590	-3.40	-3.62	-4.27	-4.50	97.40	2.21	≤ 4.71	Pass

11ac-VHT40	54	134	5670	-3.48	-3.49	-3.63	-4.39	97.40	2.40	≤ 4.71	Pass
11ac-VHT40	54	142	5710	-3.31	-3.25	-3.24	-3.75	97.40	2.75	≤ 4.71	Pass
11ac-VHT80	117.2	58	5290	-7.35	-8.05	-8.22	-10.12	94.30	-2.05	≤ 4.37	Pass
11ac-VHT80	117.2	106	5530	-6.52	-6.96	-7.28	-8.60	94.30	-1.00	≤ 4.71	Pass
11ac-VHT80	117.2	122	5610	-6.67	-7.27	-7.35	-8.04	94.30	-1.03	≤ 4.71	Pass
11ac-VHT80	117.2	138	5690	-6.61	-6.45	-6.81	-7.47	94.30	-0.54	≤ 4.71	Pass

Note: When EUT duty cycle < 98%, the total PSD = $10*\log\{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10} + 10^{(\text{Ant 3 PSD}/10)}\} + 10*\log(1/\text{duty cycle})$

For FCC Band 802.11ac-VHT80 + 80 Mode Test Data

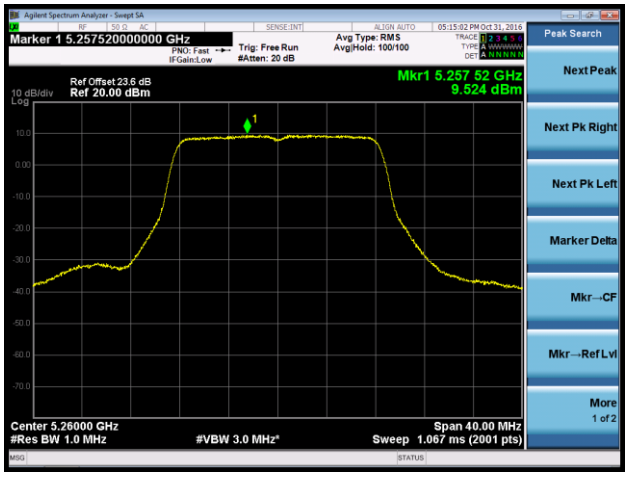
Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ MHz)	Ant 1 PSD (dBm/ MHz)	Ant 2 PSD (dBm/ MHz)	Ant 3 PSD (dBm/ MHz)	Duty Cycle (%)	Constant Factor	Total PSD (dBm/ MHz)	PSD Limit (dBm/ MHz)	Result
11ac-VHT	58.6	42	5210	-0.66	-0.32	--	--	94.30	--	2.78	≤ 13.38	Pass
80+80	58.6	58	5290	--	--	-0.84	-1.48	94.30	--	2.12	≤ 7.38	Pass
11ac-VHT	58.6	42	5210	0.08	-0.43	--	--	94.30	--	3.10	≤ 13.38	Pass
80+80	58.6	106	5530	--	--	-0.77	-0.59	94.30	--	2.59	≤ 7.62	Pass
11ac-VHT	58.6	42	5210	0.16	-0.43	--	--	94.30	--	3.14	≤ 13.38	Pass
80+80	58.6	122	5610	--	--	-0.97	-0.63	94.30	--	2.47	≤ 7.62	Pass
11ac-VHT	58.6	42	5210	0.18	-0.43	--	--	94.30	--	3.15	≤ 13.38	Pass
80+80	58.6	138	5690	--	--	-0.70	-0.65	94.30	--	2.59	≤ 7.62	Pass
11ac-VHT	58.6	58	5290	-1.84	-2.21	--	--	94.30	--	1.24	≤ 7.38	Pass
80+80	58.6	106	5530	--	--	-2.29	-2.50	94.30	--	0.87	≤ 7.62	Pass
11ac-VHT	58.6	58	5290	-2.14	-2.15	--	--	94.30	--	1.12	≤ 7.38	Pass
80+80	58.6	122	5610	--	--	-3.04	-2.27	94.30	--	0.63	≤ 7.62	Pass
11ac-VHT	58.6	58	5290	-1.79	-2.36	--	--	94.30	--	1.20	≤ 7.38	Pass
80+80	58.6	138	5690	--	--	-2.05	-2.47	94.30	--	1.01	≤ 7.62	Pass
11ac-VHT	58.6	58	5290	-2.16	-2.13	--	--	94.30	--	1.12	≤ 7.38	Pass
80+80	58.6	155	5775	--	--	-11.33	-11.62	94.30	6.99	-1.22	≤ 26.32	Pass
11ac-VHT	58.6	106	5530	-0.47	-0.07	--	--	94.30	--	3.00	≤ 7.62	Pass
80+80	58.6	122	5610	--	--	-1.21	-0.41	94.30	--	2.47	≤ 7.62	Pass
11ac-VHT	58.6	106	5530	-0.41	-0.18	--	--	94.30	--	2.97	≤ 7.62	Pass
80+80	58.6	138	5690	--	--	-0.69	-0.58	94.30	--	2.63	≤ 7.62	Pass
11ac-VHT	58.6	106	5530	-0.20	-0.43	--	--	94.30	--	2.95	≤ 7.62	Pass
80+80	58.6	155	5775	--	--	-9.57	-9.79	94.30	6.99	0.58	≤ 26.32	Pass
11ac-VHT	58.6	122	5610	-0.62	-0.66	--	--	94.30	--	2.63	≤ 7.62	Pass
80+80	58.6	138	5690	--	--	-0.30	0.04	94.30	--	3.14	≤ 7.62	Pass
11ac-VHT	58.6	122	5610	-0.64	-0.80	--	--	94.30	--	2.55	≤ 7.62	Pass
80+80	58.6	155	5775	--	--	-8.94	-9.37	94.30	6.99	1.11	≤ 26.32	Pass
11ac-VHT	58.6	138	5690	-0.22	-0.14	--	--	94.30	--	3.09	≤ 7.62	Pass
80+80	58.6	155	5775	--	--	-8.79	-9.26	94.30	6.99	1.24	≤ 26.32	Pass

Note 1: Total PSD (dBm/MHz) = $10*\log\{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ + 10*log(1/duty cycle) +Constant Factor

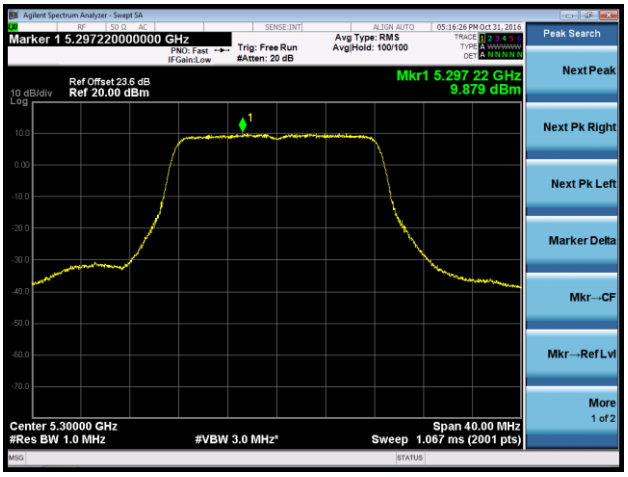
Note 2: Total PSD (dBm/MHz) = $10*\log\{10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$ + 10*log(1/duty cycle) +Constant Factor

802.11a Power Spectral Density - Ant 0

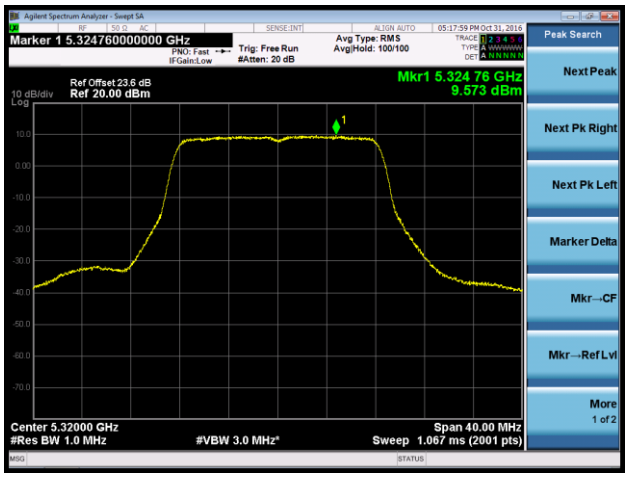
Channel 52 (5260MHz)



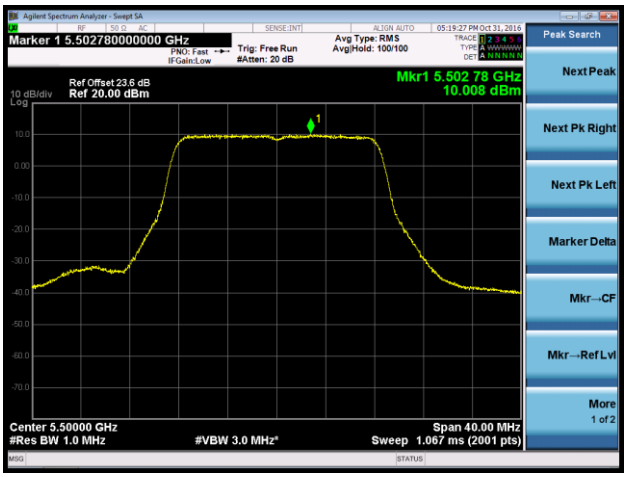
Channel 60 (5300MHz)



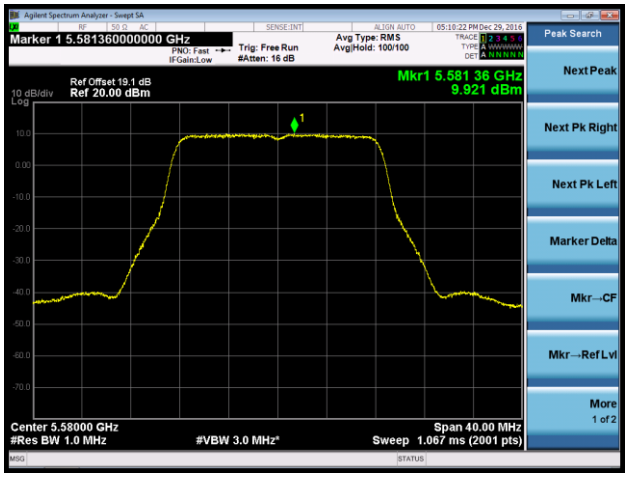
Channel 64 (5320MHz)



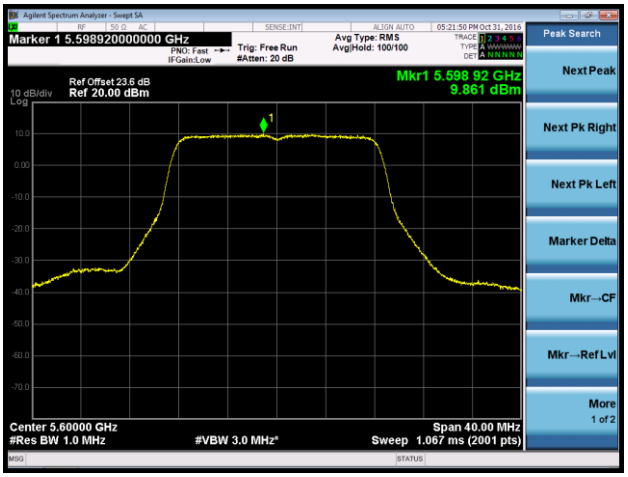
Channel 100 (5500MHz)

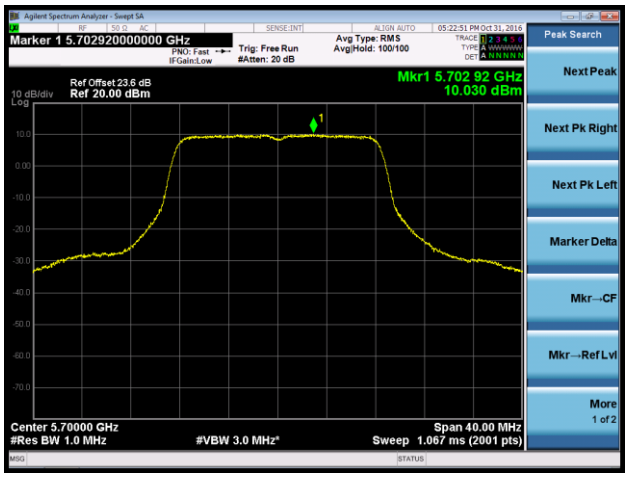


Channel 118 (5580MHz)



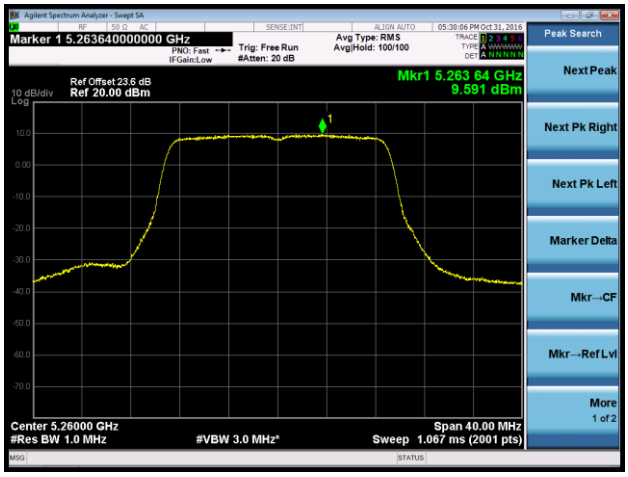
Channel 120 (5600MHz)



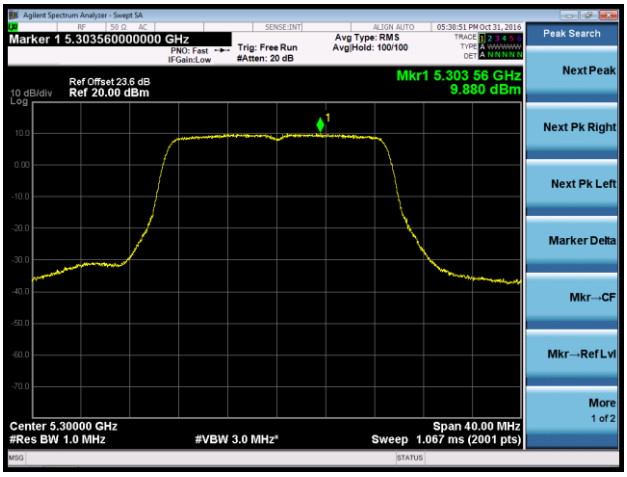
Channel 140 (5700MHz)	
	

802.11n-HT20 Power Spectral Density - Ant 0

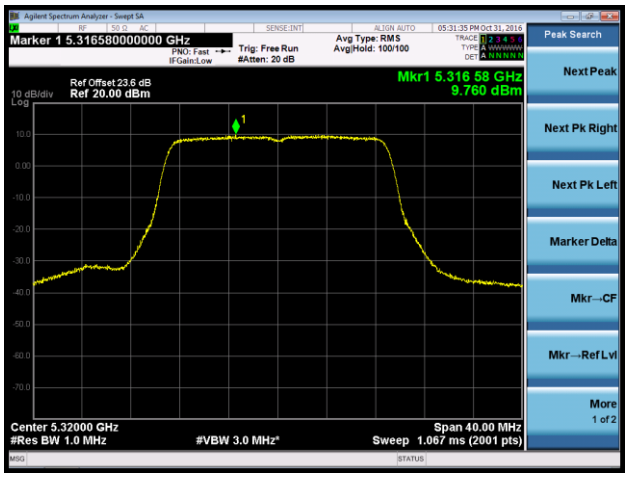
Channel 52 (5260MHz)



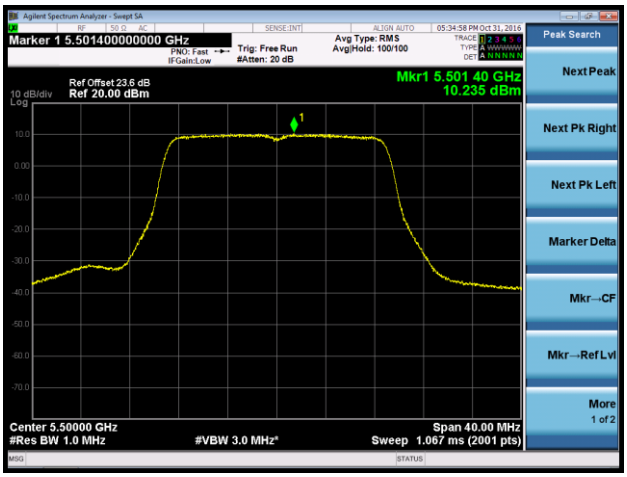
Channel 60 (5300MHz)



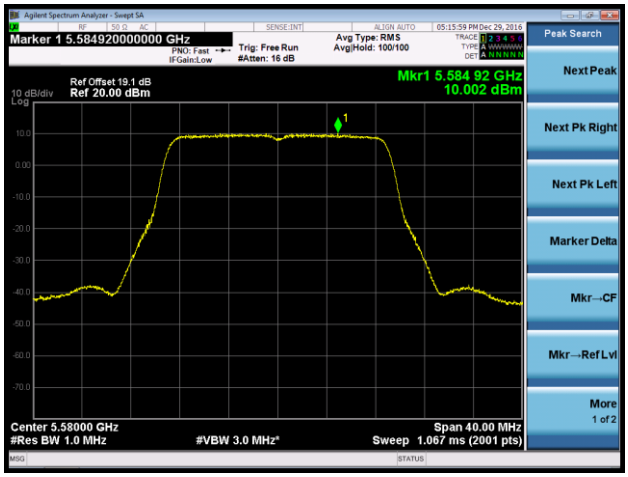
Channel 64 (5320MHz)



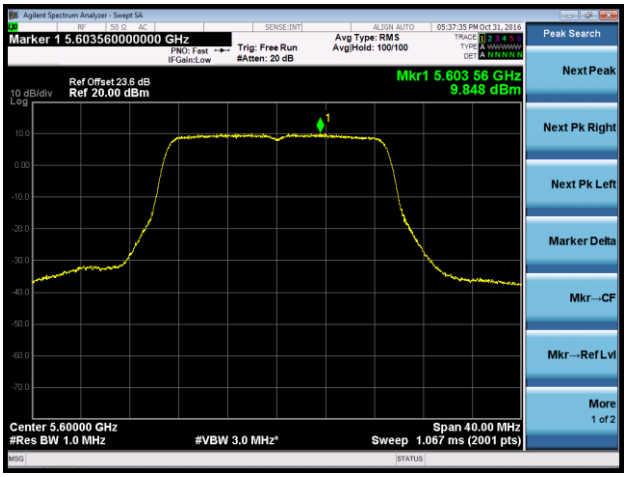
Channel 100 (5500MHz)

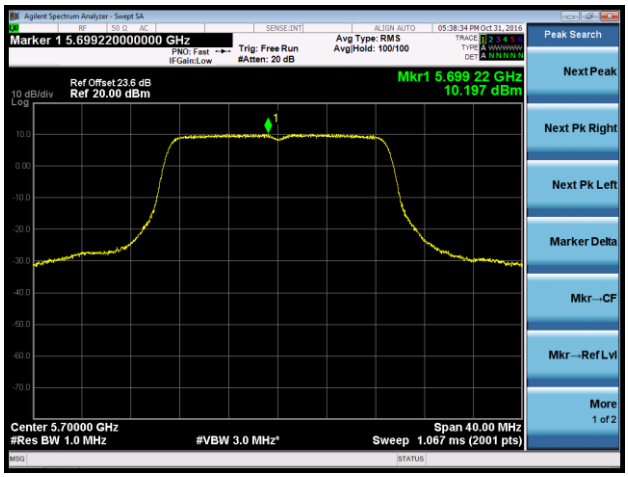


Channel 118 (5580MHz)



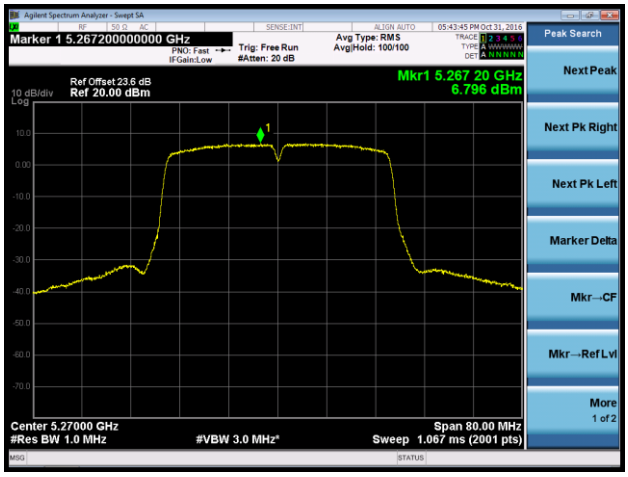
Channel 120 (5600MHz)



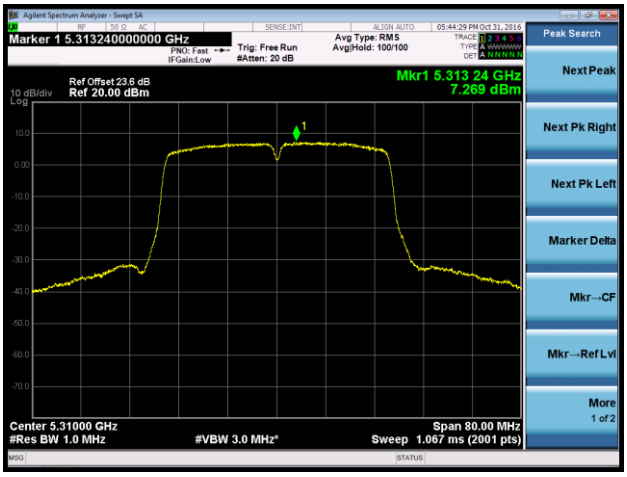
Channel 140 (5700MHz)	
	

802.11n-HT40 Power Spectral Density - Ant 0

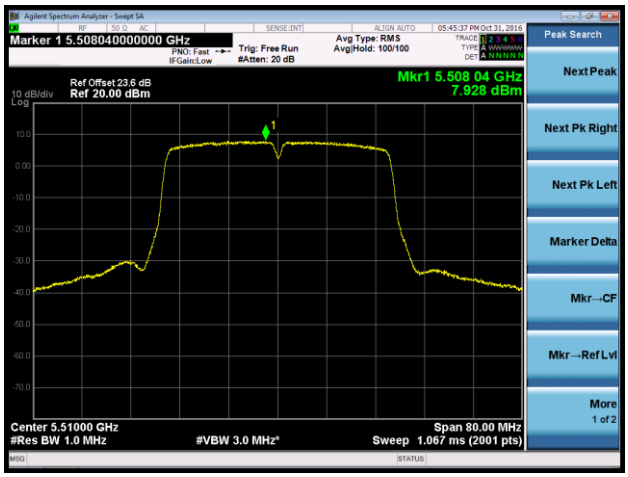
Channel 54 (5270MHz)



Channel 62 (5310MHz)



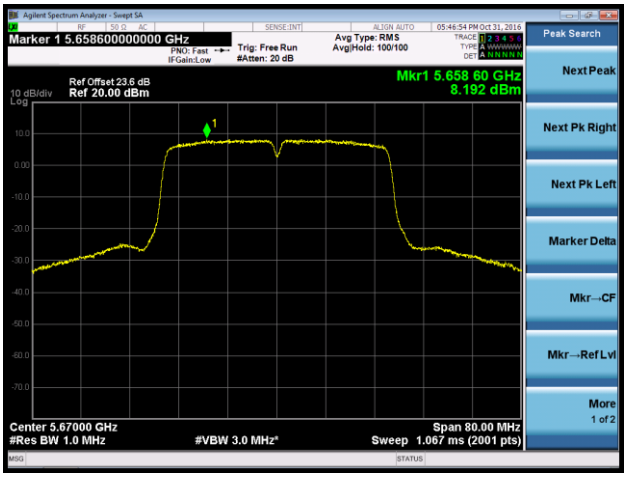
Channel 102 (5510MHz)



Channel 110 (5550MHz)

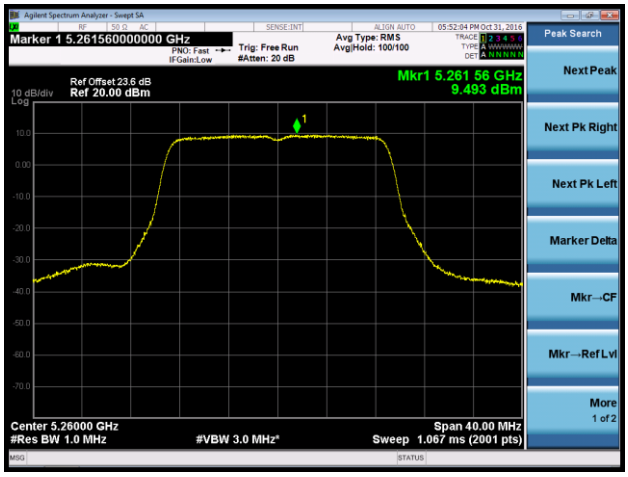
Channel 118 (5590MHz)

Channel 134 (5670MHz)

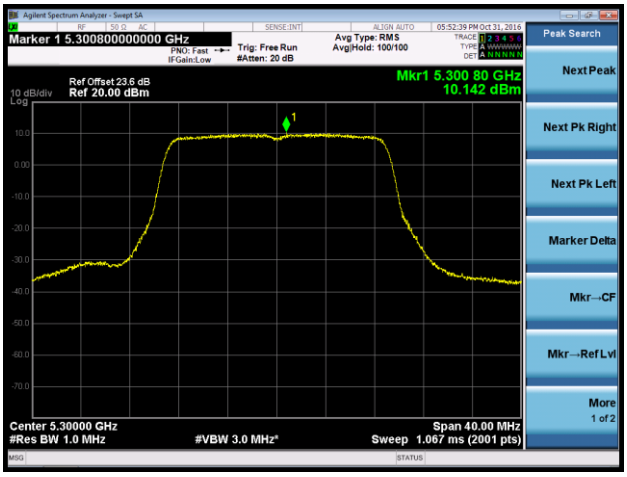


802.11ac-VHT20 Power Spectral Density - Ant 0

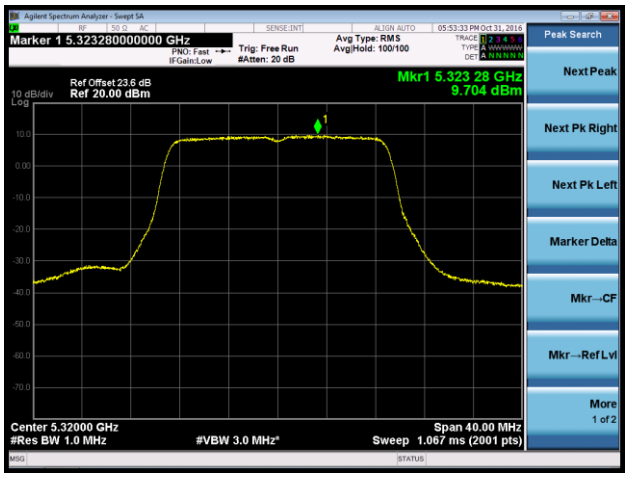
Channel 52 (5260MHz)



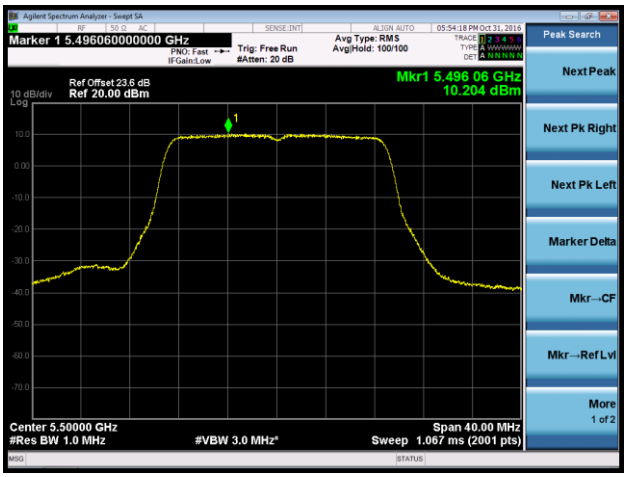
Channel 60 (5300MHz)



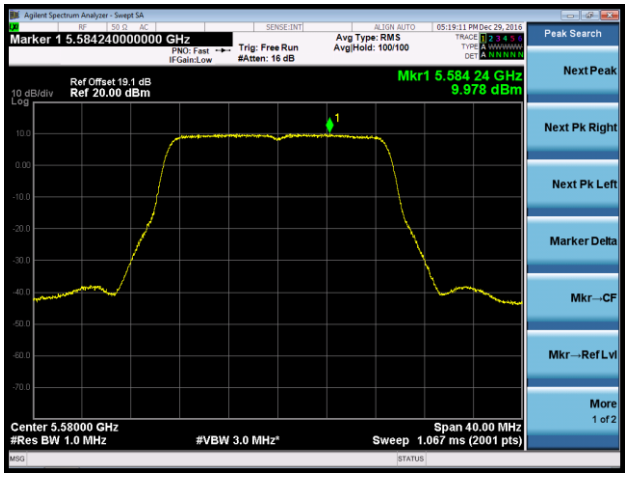
Channel 64 (5320MHz)



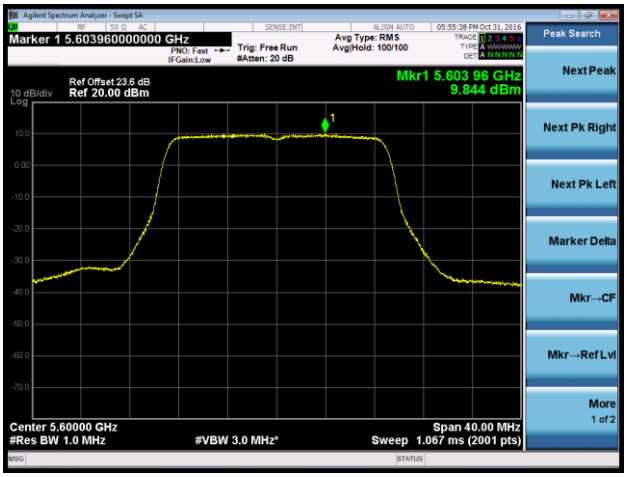
Channel 100 (5500MHz)

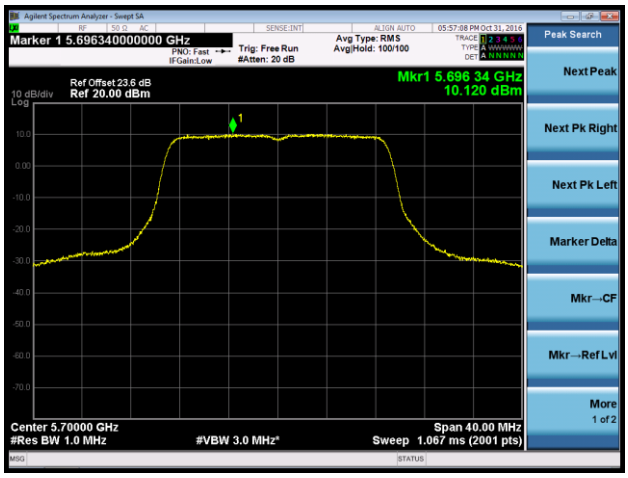
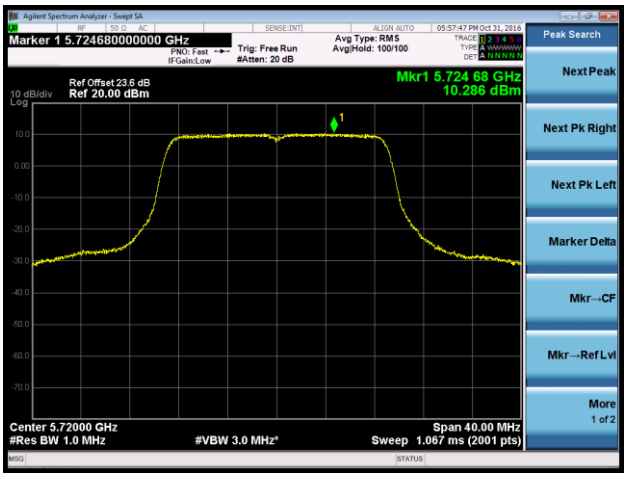


Channel 118 (5580MHz)



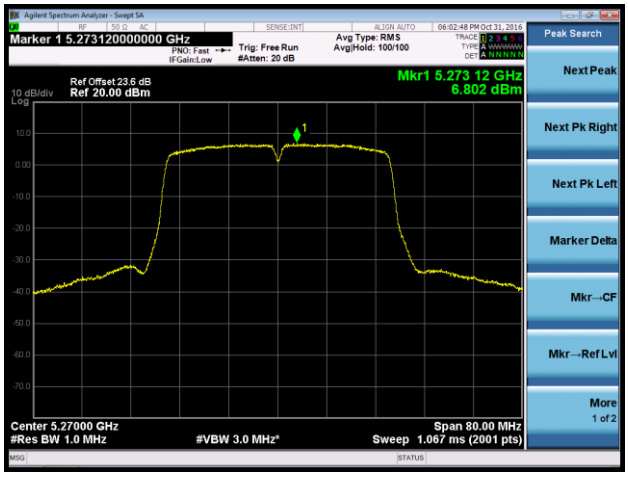
Channel 120 (5600MHz)



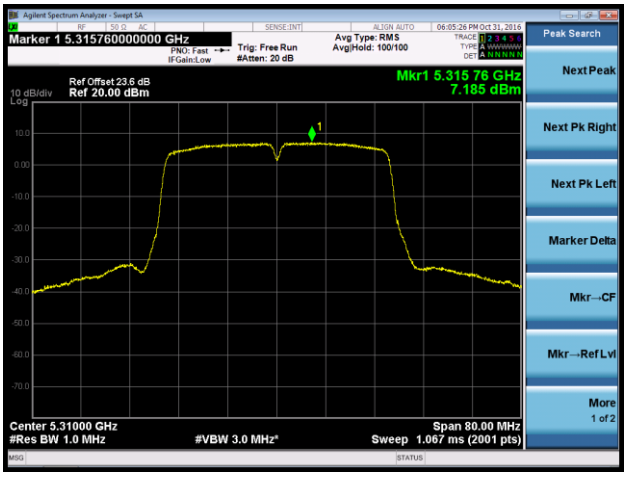
Channel 140 (5700MHz)	Channel 144 (5720MHz)
	

802.11ac-VHT40 Power Spectral Density - Ant 0

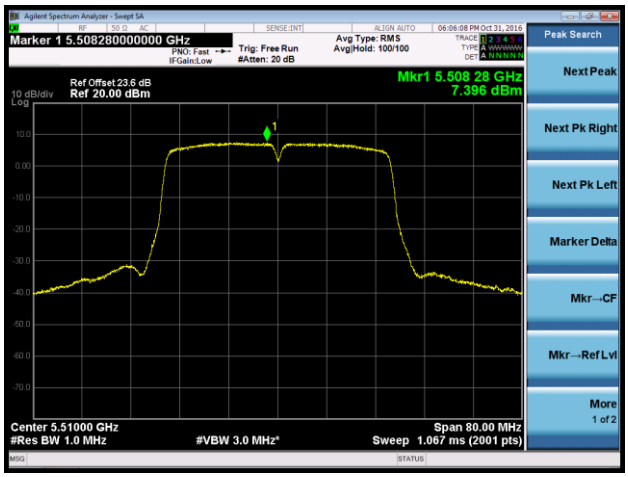
Channel 54 (5270MHz)



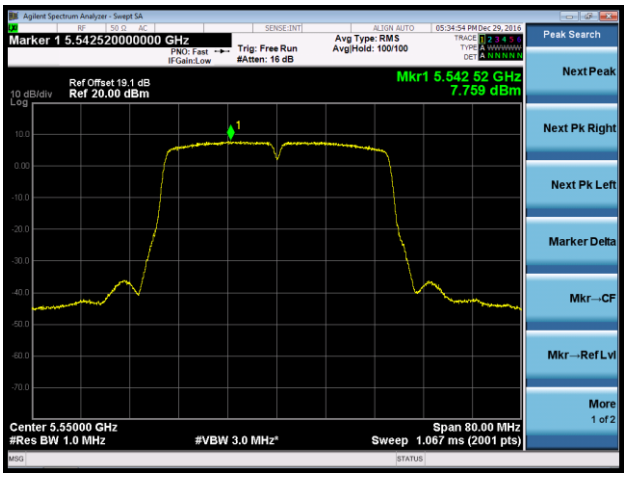
Channel 62 (5310MHz)



Channel 102 (5510MHz)

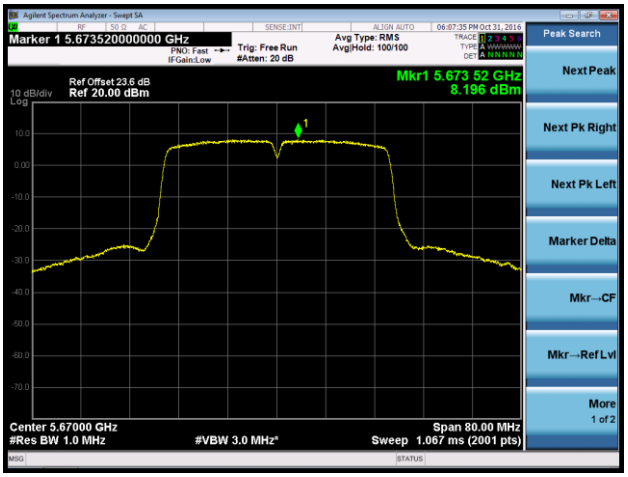


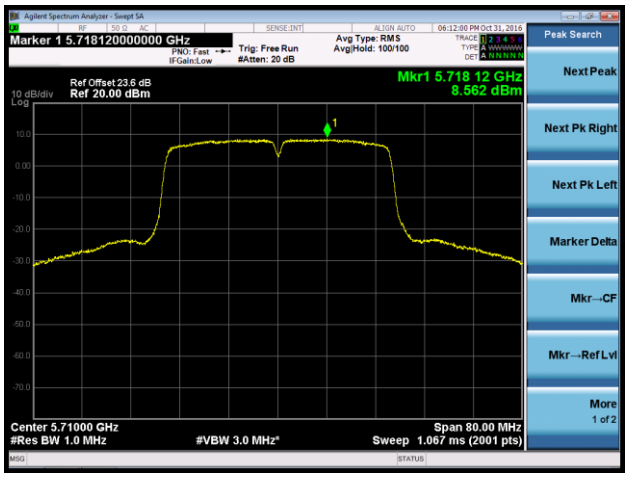
Channel 110 (5550MHz)

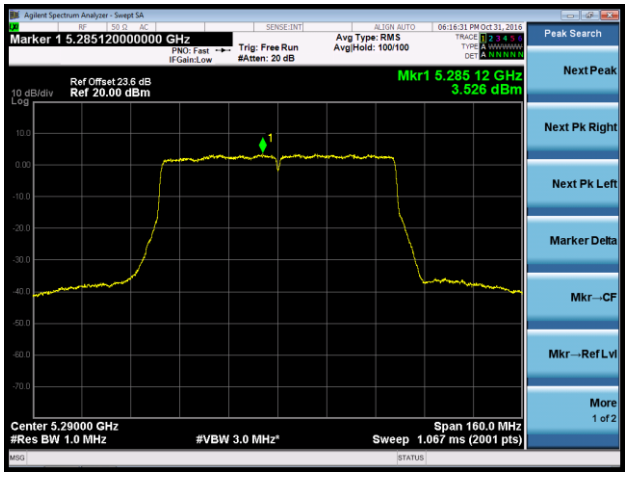
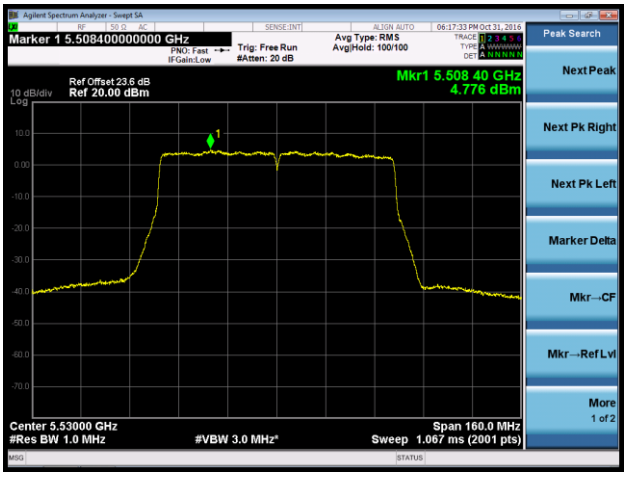
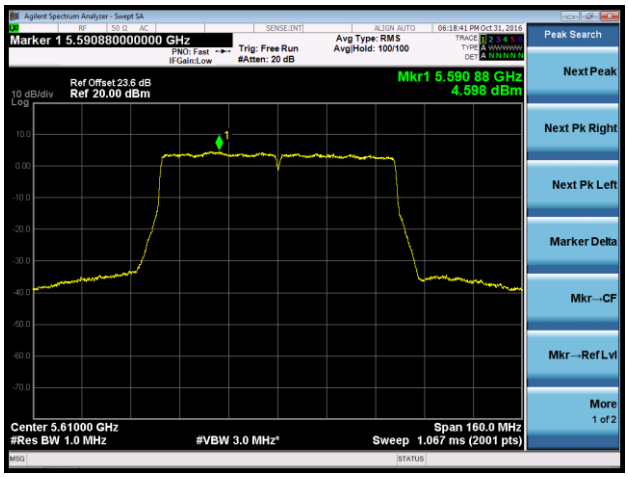
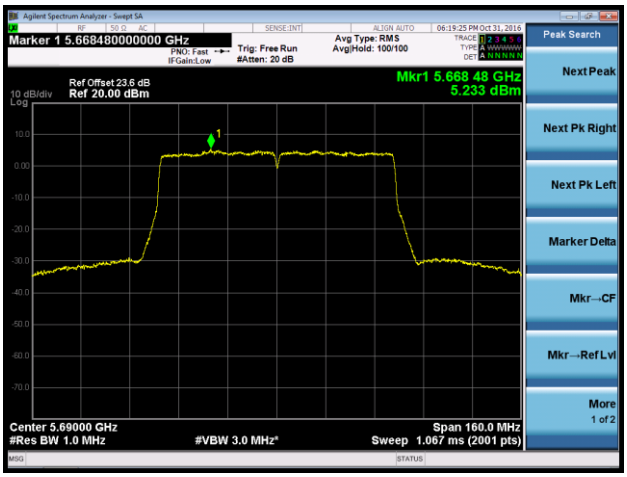


Channel 118 (5590MHz)

Channel 134 (5670MHz)

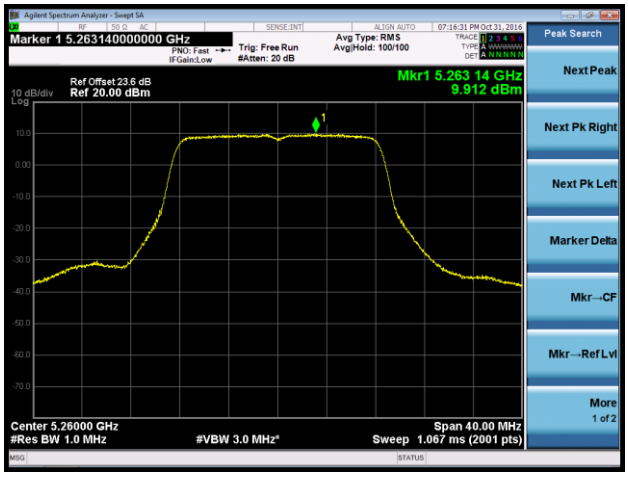


Channel 142 (5710MHz)	Channel 151 (5755MHz)
	

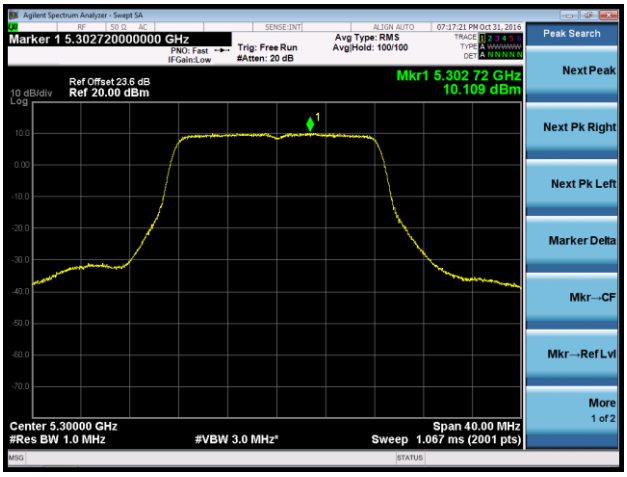
802.11ac-VHT80 Power Spectral Density - Ant 0	
Channel 58 (5290MHz)	**Channel 106 (5530MHz)**
	
Channel 122 (5610MHz)	**Channel 138 (5690MHz)**
	

802.11a Power Spectral Density - Ant 1

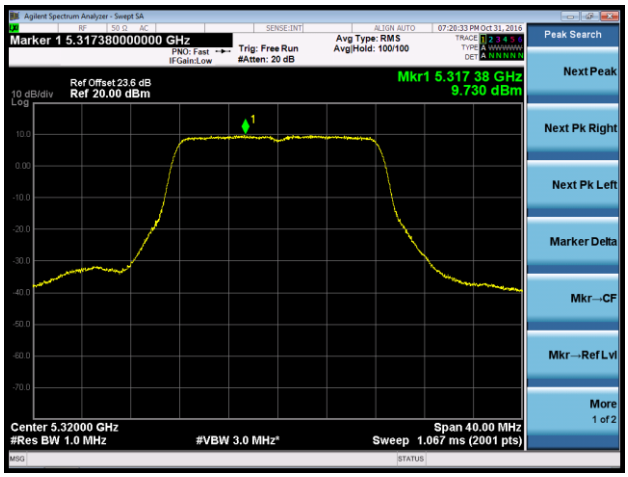
Channel 52 (5260MHz)



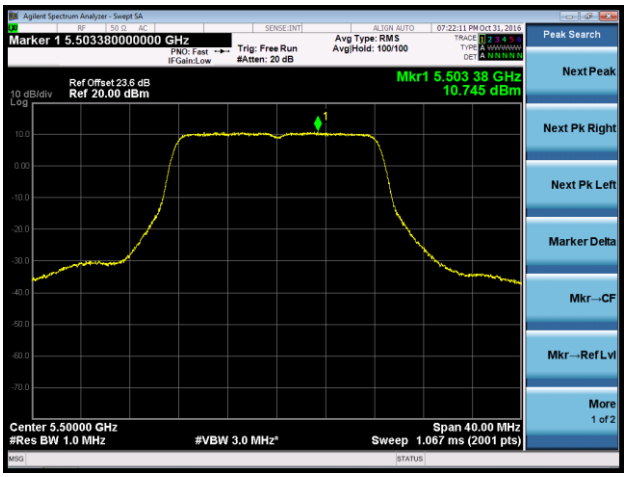
Channel 60 (5300MHz)



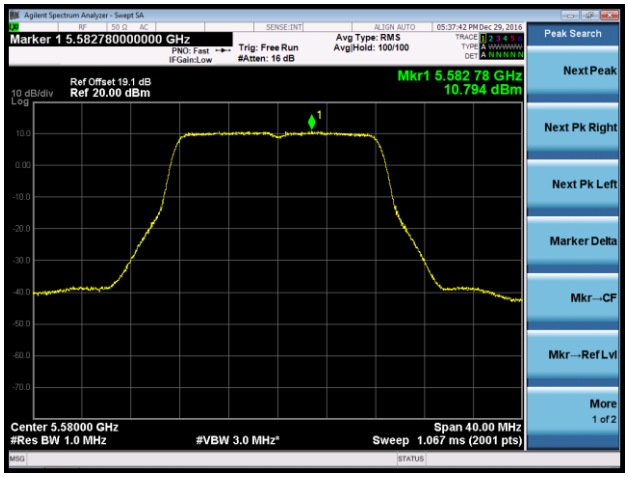
Channel 64 (5320MHz)



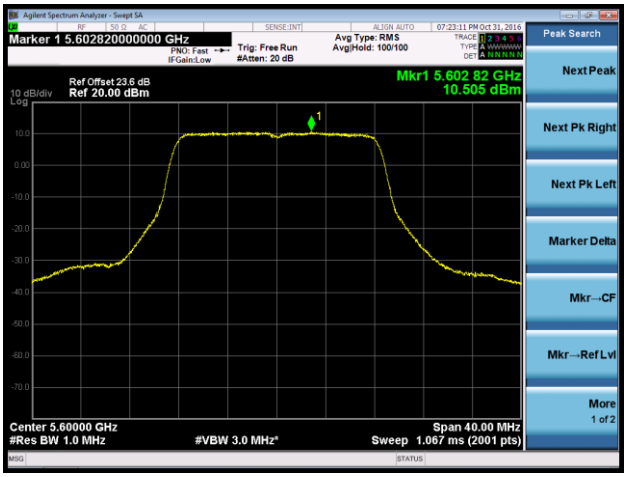
Channel 100 (5500MHz)

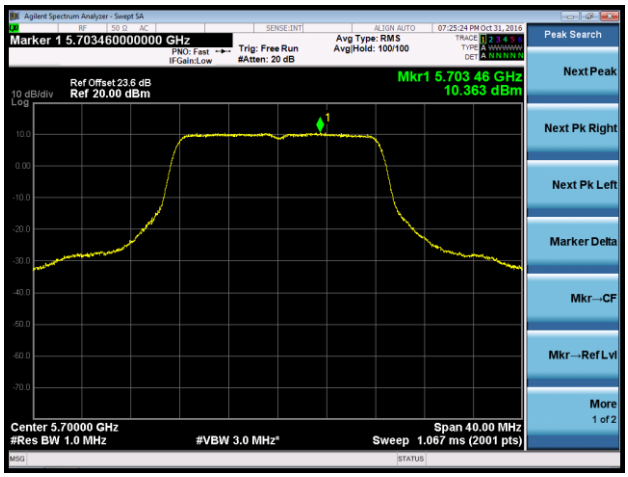


Channel 118 (5580MHz)



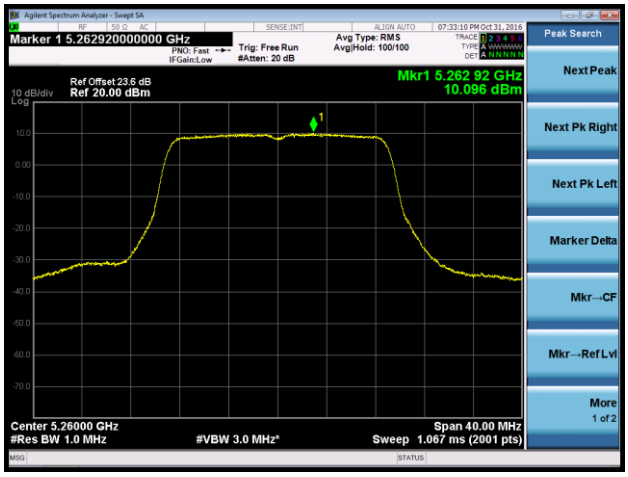
Channel 120 (5600MHz)



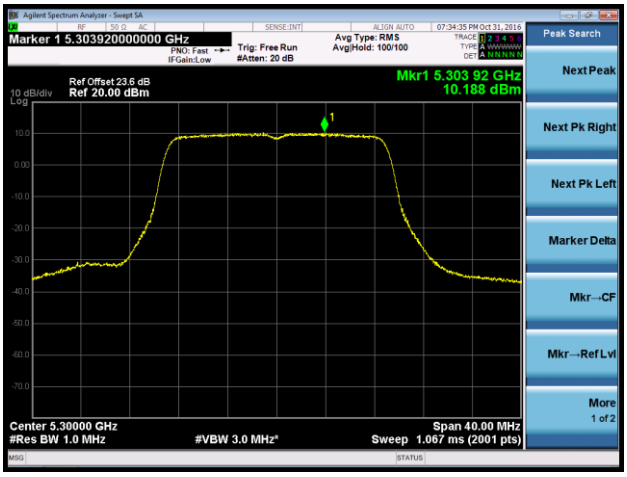
Channel 140 (5700MHz)	
	

802.11n-HT20 Power Spectral Density - Ant 1

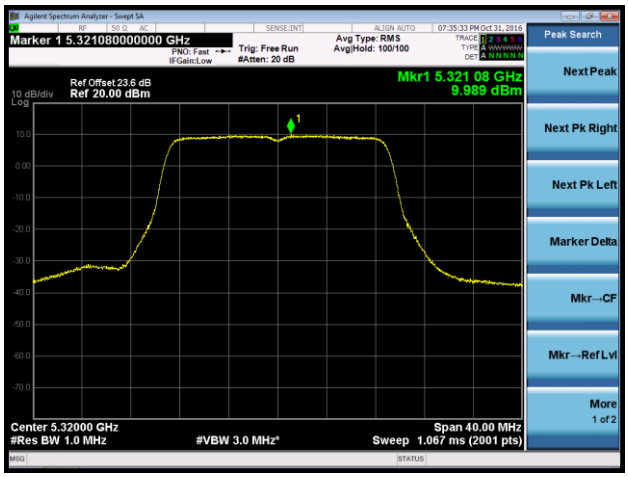
Channel 52 (5260MHz)



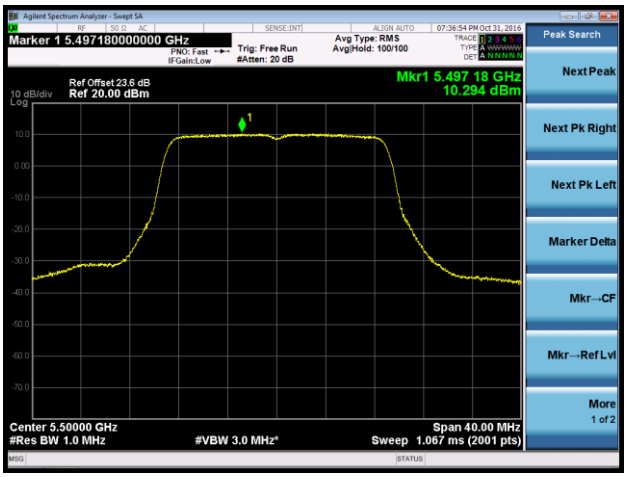
Channel 60 (5300MHz)



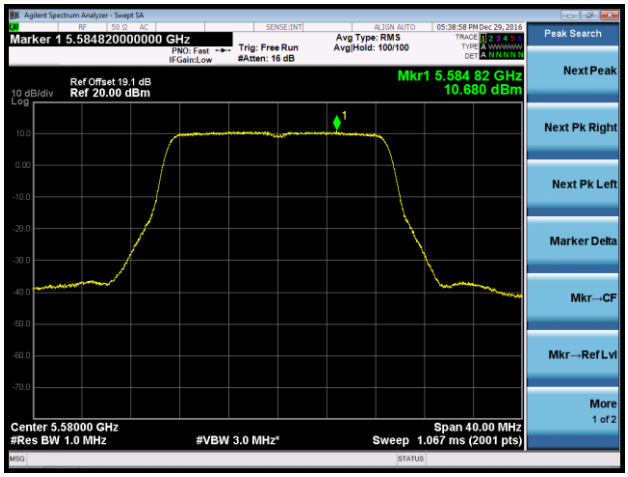
Channel 64 (5320MHz)



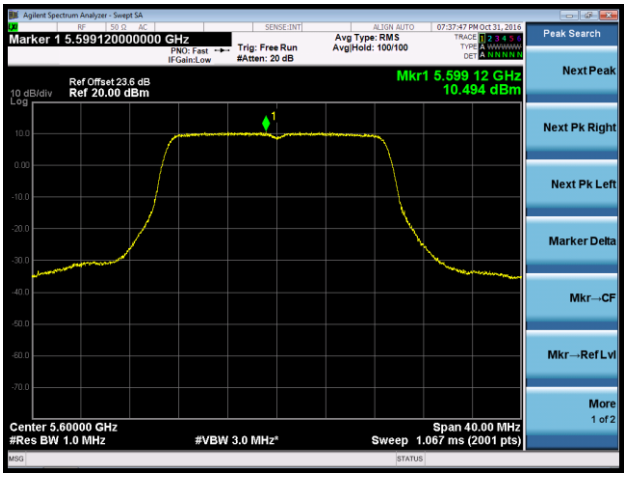
Channel 100 (5500MHz)

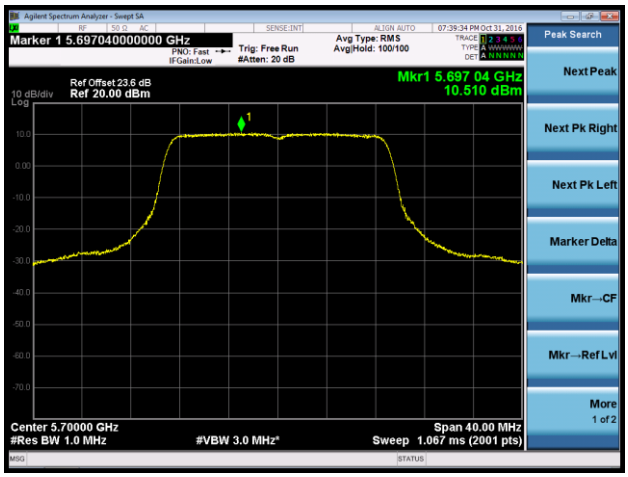


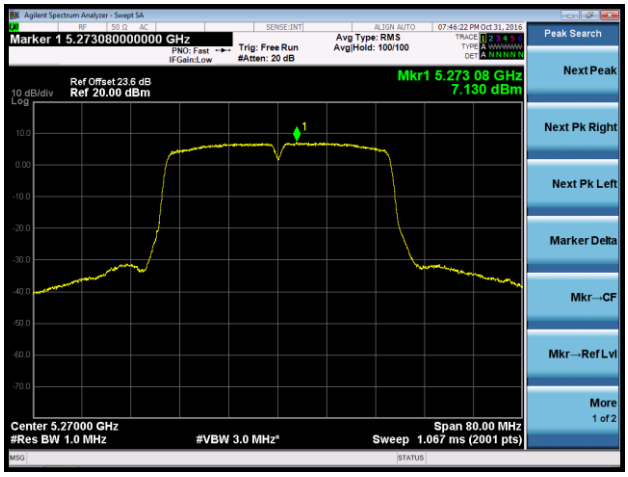
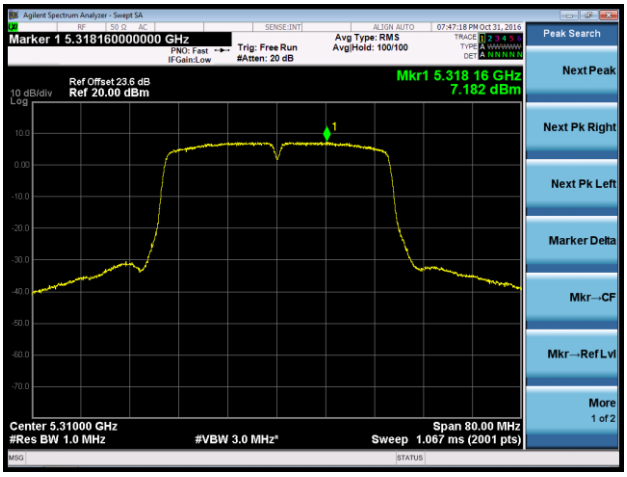
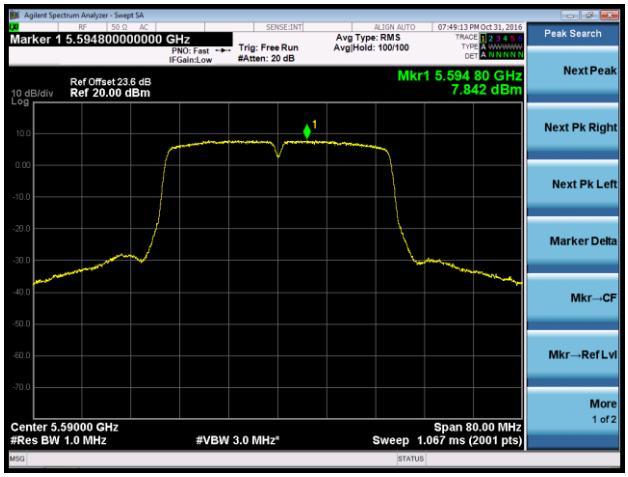
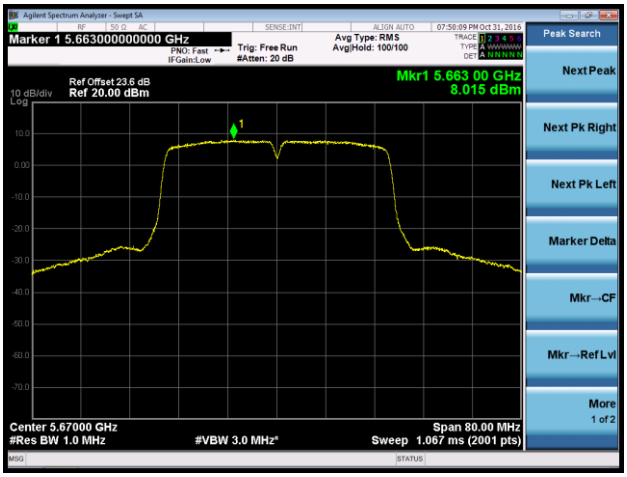
Channel 118 (5580MHz)



Channel 120 (5600MHz)

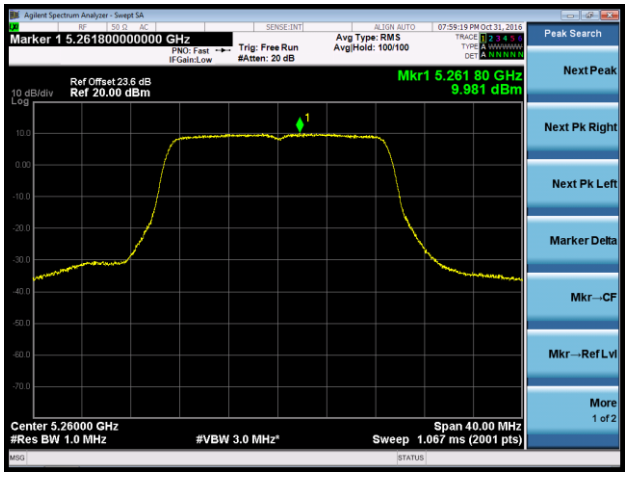


Channel 140 (5700MHz)	
	

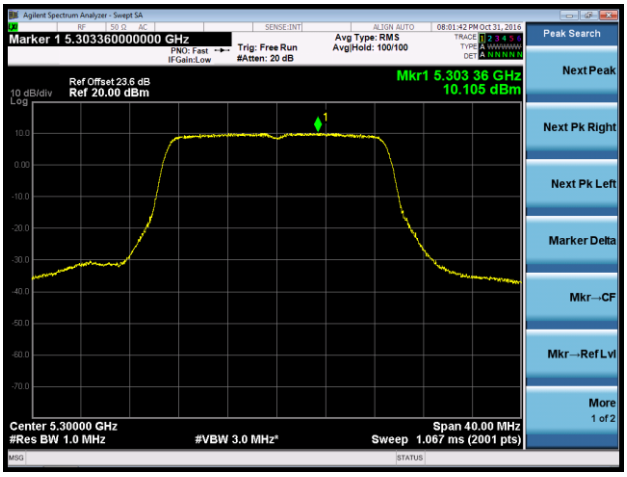
802.11n-HT40 Power Spectral Density - Ant 1	
Channel 54 (5270MHz)	**Channel 62 (5310MHz)**
	
Channel 102 (5510MHz)	**Channel 110 (5550MHz)**
	
Channel 118 (5590MHz)	**Channel 134 (5670MHz)**
	

802.11ac-VHT20 Power Spectral Density - Ant 1

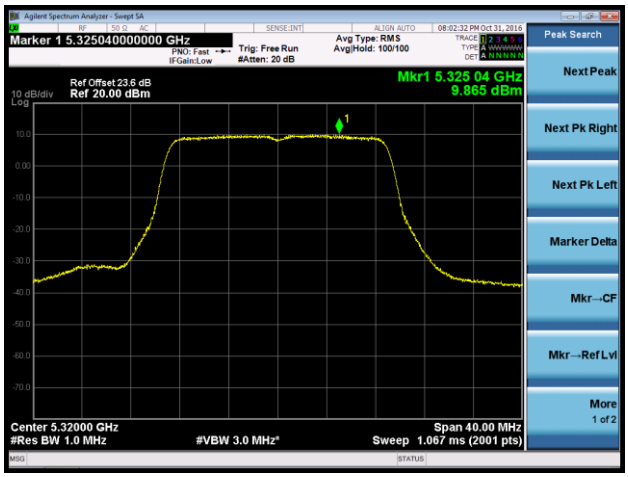
Channel 52 (5260MHz)



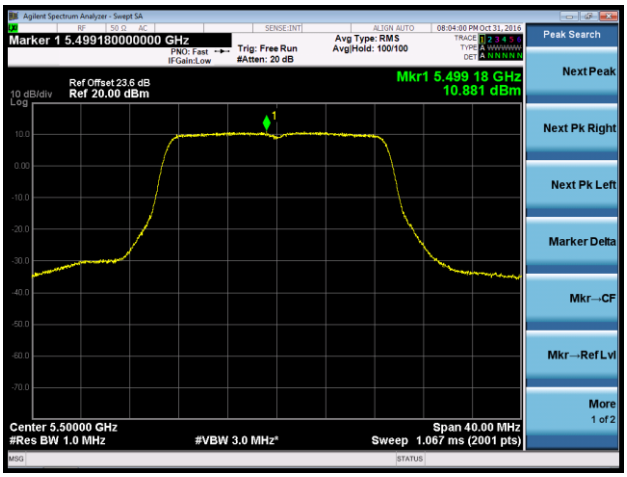
Channel 60 (5300MHz)



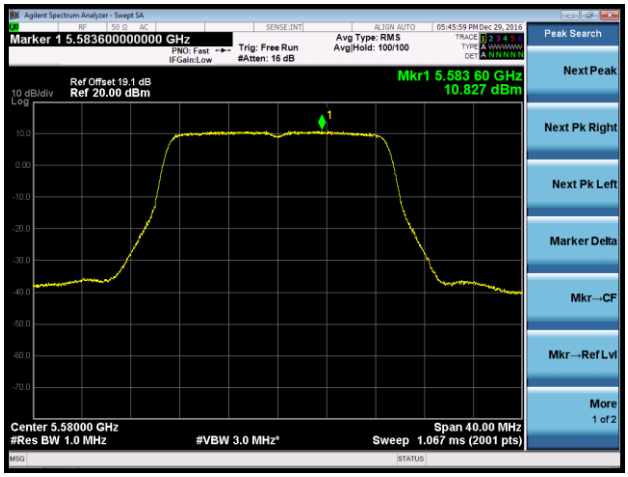
Channel 64 (5320MHz)



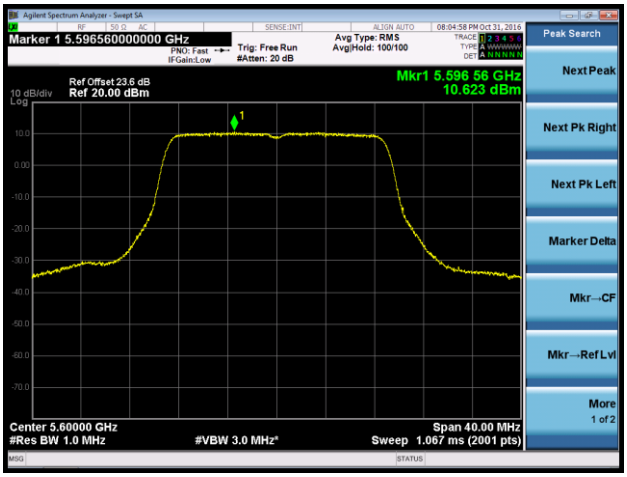
Channel 100 (5500MHz)



Channel 118 (5580MHz)



Channel 120 (5600MHz)



Channel 140 (5700MHz)	Channel 144 (5720MHz)