

### Galtronics Directional 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	7.72	97.18	7.84	≤ 8.61	Pass
11a	6	60	5300	7.62	97.18	7.74	≤ 8.61	Pass
11a	6	64	5320	7.55	97.18	7.67	≤ 8.61	Pass
11a	6	100	5500	7.54	97.18	7.66	≤ 8.51	Pass
11a	6	116	5580	7.90	97.18	8.02	≤ 8.51	Pass
11a	6	120	5600	7.87	97.18	7.99	≤ 8.51	Pass
11a	6	140	5700	7.83	97.18	7.95	≤ 8.51	Pass
11n-HT20	6.5	52	5260	7.67	98.81	7.67	≤ 8.61	Pass
11n-HT20	6.5	60	5300	7.74	98.81	7.74	≤ 8.61	Pass
11n-HT20	6.5	64	5320	7.80	98.81	7.80	≤ 8.61	Pass
11n-HT20	6.5	100	5500	7.63	98.81	7.63	≤ 8.51	Pass
11n-HT20	6.5	116	5580	7.97	98.81	7.97	≤ 8.51	Pass
11n-HT20	6.5	120	5600	7.73	98.81	7.73	≤ 8.51	Pass
11n-HT20	6.5	140	5700	7.77	98.81	7.77	≤ 8.51	Pass
11n-HT40	13.5	54	5270	6.04	97.55	6.15	≤ 8.61	Pass
11n-HT40	13.5	62	5310	6.16	97.55	6.27	≤ 8.61	Pass
11n-HT40	13.5	102	5510	6.94	97.55	7.05	≤ 8.51	Pass
11n-HT40	13.5	110	5550	7.08	97.55	7.19	≤ 8.51	Pass
11n-HT40	13.5	118	5590	7.76	97.55	7.87	≤ 8.51	Pass
11n-HT40	13.5	134	5670	7.87	97.55	7.98	≤ 8.51	Pass

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
11ac-VHT20	6.5	52	5260	7.87	98.82	7.87	≤ 8.61	Pass
11ac-VHT20	6.5	60	5300	7.88	98.82	7.88	≤ 8.61	Pass
11ac-VHT20	6.5	64	5320	7.72	98.82	7.72	≤ 8.61	Pass
11ac-VHT20	6.5	100	5500	7.70	98.82	7.70	≤ 8.51	Pass
11ac-VHT20	6.5	116	5580	7.79	98.82	7.79	≤ 8.51	Pass
11ac-VHT20	6.5	120	5600	7.64	98.82	7.64	≤ 8.51	Pass
11ac-VHT20	6.5	140	5700	8.04	98.82	8.04	≤ 8.51	Pass
11ac-VHT20	6.5	144	5720	7.97	98.82	7.97	≤ 8.51	Pass
11ac-VHT40	13.5	54	5270	6.59	97.40	6.70	≤ 8.61	Pass
11ac-VHT40	13.5	62	5310	6.41	97.40	6.52	≤ 8.61	Pass
11ac-VHT40	13.5	102	5510	7.13	97.40	7.24	≤ 8.51	Pass
11ac-VHT40	13.5	110	5550	7.38	97.40	7.49	≤ 8.51	Pass
11ac-VHT40	13.5	118	5590	7.80	97.40	7.91	≤ 8.51	Pass
11ac-VHT40	13.5	134	5670	7.42	97.40	7.53	≤ 8.51	Pass
11ac-VHT40	13.5	142	5710	7.66	97.40	7.77	≤ 8.51	Pass
11ac-VHT80	29.3	58	5290	3.30	94.30	3.55	≤ 8.61	Pass
11ac-VHT80	29.3	106	5530	4.52	94.30	4.77	≤ 8.51	Pass
11ac-VHT80	29.3	122	5610	5.32	94.30	5.57	≤ 8.51	Pass
11ac-VHT80	29.3	138	5690	5.29	94.30	5.54	≤ 8.51	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	7.99	97.18	8.11	≤ 8.84	Pass
11a	6	60	5300	8.01	97.18	8.14	≤ 8.84	Pass
11a	6	64	5320	7.92	97.18	8.05	≤ 8.84	Pass
11a	6	100	5500	8.04	97.18	8.16	≤ 8.43	Pass
11a	6	116	5580	8.07	97.18	8.19	≤ 8.43	Pass
11a	6	120	5600	8.18	97.18	8.30	≤ 8.43	Pass
11a	6	140	5700	8.14	97.18	8.27	≤ 8.43	Pass
11n-HT20	6.5	52	5260	8.25	98.81	8.25	≤ 8.84	Pass
11n-HT20	6.5	60	5300	8.08	98.81	8.08	≤ 8.84	Pass
11n-HT20	6.5	64	5320	8.01	98.81	8.01	≤ 8.84	Pass
11n-HT20	6.5	100	5500	8.11	98.81	8.11	≤ 8.43	Pass
11n-HT20	6.5	116	5580	8.01	98.81	8.01	≤ 8.43	Pass
11n-HT20	6.5	120	5600	8.00	98.81	8.00	≤ 8.43	Pass
11n-HT20	6.5	140	5700	8.17	98.81	8.17	≤ 8.43	Pass
11n-HT40	13.5	54	5270	6.88	97.55	6.98	≤ 8.84	Pass
11n-HT40	13.5	62	5310	6.49	97.55	6.60	≤ 8.84	Pass
11n-HT40	13.5	102	5510	6.82	97.55	6.93	≤ 8.43	Pass
11n-HT40	13.5	110	5550	7.11	97.55	7.22	≤ 8.43	Pass
11n-HT40	13.5	118	5590	7.84	97.55	7.94	≤ 8.43	Pass
11n-HT40	13.5	134	5670	8.28	97.55	8.38	≤ 8.43	Pass

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
11ac-VHT20	6.5	52	5260	7.92	98.82	7.92	≤ 8.84	Pass
11ac-VHT20	6.5	60	5300	8.24	98.82	8.24	≤ 8.84	Pass
11ac-VHT20	6.5	64	5320	7.90	98.82	7.90	≤ 8.84	Pass
11ac-VHT20	6.5	100	5500	8.18	98.82	8.18	≤ 8.43	Pass
11ac-VHT20	6.5	116	5580	8.28	98.82	8.28	≤ 8.43	Pass
11ac-VHT20	6.5	120	5600	8.02	98.82	8.02	≤ 8.43	Pass
11ac-VHT20	6.5	140	5700	8.18	98.82	8.18	≤ 8.43	Pass
11ac-VHT20	6.5	144	5720	8.16	98.82	8.16	≤ 8.43	Pass
11ac-VHT40	13.5	54	5270	6.32	97.40	6.43	≤ 8.84	Pass
11ac-VHT40	13.5	62	5310	5.92	97.40	6.03	≤ 8.84	Pass
11ac-VHT40	13.5	102	5510	7.07	97.40	7.18	≤ 8.43	Pass
11ac-VHT40	13.5	110	5550	7.08	97.40	7.19	≤ 8.43	Pass
11ac-VHT40	13.5	118	5590	8.27	97.40	8.38	≤ 8.43	Pass
11ac-VHT40	13.5	134	5670	8.02	97.40	8.13	≤ 8.43	Pass
11ac-VHT40	13.5	142	5710	8.21	97.40	8.32	≤ 8.43	Pass
11ac-VHT80	29.3	58	5290	3.23	94.30	3.48	≤ 8.84	Pass
11ac-VHT80	29.3	106	5530	4.12	94.30	4.38	≤ 8.43	Pass
11ac-VHT80	29.3	122	5610	4.85	94.30	5.10	≤ 8.43	Pass
11ac-VHT80	29.3	138	5690	5.87	94.30	6.13	≤ 8.43	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	8.23	97.18	8.35	≤ 8.61	Pass
11a	6	60	5300	7.96	97.18	8.08	≤ 8.61	Pass
11a	6	64	5320	8.08	97.18	8.20	≤ 8.61	Pass
11a	6	100	5500	8.15	97.18	8.27	≤ 8.51	Pass
11a	6	116	5580	8.03	97.18	8.15	≤ 8.51	Pass
11a	6	120	5600	8.14	97.18	8.26	≤ 8.51	Pass
11a	6	140	5700	8.26	97.18	8.38	≤ 8.51	Pass
11n-HT20	6.5	52	5260	7.96	98.81	7.96	≤ 8.61	Pass
11n-HT20	6.5	60	5300	8.11	98.81	8.11	≤ 8.61	Pass
11n-HT20	6.5	64	5320	7.93	98.81	7.93	≤ 8.61	Pass
11n-HT20	6.5	100	5500	8.22	98.81	8.22	≤ 8.51	Pass
11n-HT20	6.5	116	5580	8.25	98.81	8.25	≤ 8.51	Pass
11n-HT20	6.5	120	5600	8.04	98.81	8.04	≤ 8.51	Pass
11n-HT20	6.5	140	5700	7.93	98.81	7.93	≤ 8.51	Pass
11n-HT40	13.5	54	5270	6.60	97.55	6.71	≤ 8.61	Pass
11n-HT40	13.5	62	5310	6.28	97.55	6.39	≤ 8.61	Pass
11n-HT40	13.5	102	5510	7.25	97.55	7.36	≤ 8.51	Pass
11n-HT40	13.5	110	5550	7.63	97.55	7.74	≤ 8.51	Pass
11n-HT40	13.5	118	5590	8.09	97.55	8.20	≤ 8.51	Pass
11n-HT40	13.5	134	5670	8.10	97.55	8.21	≤ 8.51	Pass

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
11ac-VHT20	6.5	52	5260	7.94	98.82	7.99	≤ 8.61	Pass
11ac-VHT20	6.5	60	5300	7.83	98.82	7.88	≤ 8.61	Pass
11ac-VHT20	6.5	64	5320	8.09	98.82	8.14	≤ 8.61	Pass
11ac-VHT20	6.5	100	5500	8.06	98.82	8.11	≤ 8.51	Pass
11ac-VHT20	6.5	116	5580	8.27	98.82	8.27	≤ 8.51	Pass
11ac-VHT20	6.5	120	5600	8.26	98.82	8.31	≤ 8.51	Pass
11ac-VHT20	6.5	140	5700	7.98	98.82	8.03	≤ 8.51	Pass
11ac-VHT20	6.5	144	5720	7.96	98.82	8.01	≤ 8.51	Pass
11ac-VHT40	13.5	54	5270	6.82	97.40	6.93	≤ 8.61	Pass
11ac-VHT40	13.5	62	5310	6.86	97.40	6.97	≤ 8.61	Pass
11ac-VHT40	13.5	102	5510	7.23	97.40	7.34	≤ 8.51	Pass
11ac-VHT40	13.5	110	5550	7.56	97.40	7.67	≤ 8.51	Pass
11ac-VHT40	13.5	118	5590	8.07	97.40	8.18	≤ 8.51	Pass
11ac-VHT40	13.5	134	5670	8.06	97.40	8.17	≤ 8.51	Pass
11ac-VHT40	13.5	142	5710	7.75	97.40	7.86	≤ 8.51	Pass
11ac-VHT80	29.3	58	5290	3.25	94.30	3.50	≤ 8.61	Pass
11ac-VHT80	29.3	106	5530	3.94	94.30	4.19	≤ 8.51	Pass
11ac-VHT80	29.3	122	5610	5.13	94.30	5.38	≤ 8.51	Pass
11ac-VHT80	29.3	138	5690	5.61	94.30	5.86	≤ 8.51	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	8.13	97.18	8.25	≤ 8.84	Pass
11a	6	60	5300	8.17	97.18	8.29	≤ 8.84	Pass
11a	6	64	5320	7.96	97.18	8.08	≤ 8.84	Pass
11a	6	100	5500	7.42	97.18	7.54	≤ 8.43	Pass
11a	6	116	5580	8.08	97.18	8.20	≤ 8.43	Pass
11a	6	120	5600	7.96	97.18	8.08	≤ 8.43	Pass
11a	6	140	5700	7.82	97.18	7.94	≤ 8.43	Pass
11n-HT20	6.5	52	5260	7.97	98.81	7.97	≤ 8.84	Pass
11n-HT20	6.5	60	5300	8.13	98.81	8.13	≤ 8.84	Pass
11n-HT20	6.5	64	5320	8.12	98.81	8.12	≤ 8.84	Pass
11n-HT20	6.5	100	5500	7.63	98.81	7.63	≤ 8.43	Pass
11n-HT20	6.5	116	5580	7.83	98.81	7.83	≤ 8.43	Pass
11n-HT20	6.5	120	5600	7.43	98.81	7.43	≤ 8.43	Pass
11n-HT20	6.5	140	5700	7.43	98.81	7.43	≤ 8.43	Pass
11n-HT40	13.5	54	5270	6.45	97.55	6.56	≤ 8.84	Pass
11n-HT40	13.5	62	5310	6.45	97.55	6.56	≤ 8.84	Pass
11n-HT40	13.5	102	5510	6.74	97.55	6.85	≤ 8.43	Pass
11n-HT40	13.5	110	5550	7.17	97.55	7.28	≤ 8.43	Pass
11n-HT40	13.5	118	5590	7.98	97.55	8.09	≤ 8.43	Pass
11n-HT40	13.5	134	5670	7.78	97.55	7.89	≤ 8.43	Pass

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
11ac-VHT20	6.5	52	5260	8.43	98.82	8.43	≤ 8.84	Pass
11ac-VHT20	6.5	60	5300	8.37	98.82	8.37	≤ 8.84	Pass
11ac-VHT20	6.5	64	5320	8.09	98.82	8.09	≤ 8.84	Pass
11ac-VHT20	6.5	100	5500	7.72	98.82	7.72	≤ 8.43	Pass
11ac-VHT20	6.5	116	5580	7.79	98.82	7.79	≤ 8.43	Pass
11ac-VHT20	6.5	120	5600	7.86	98.82	7.86	≤ 8.43	Pass
11ac-VHT20	6.5	140	5700	8.04	98.82	8.04	≤ 8.43	Pass
11ac-VHT20	6.5	144	5720	8.16	98.82	8.16	≤ 8.43	Pass
11ac-VHT40	13.5	54	5270	6.46	97.40	6.57	≤ 8.84	Pass
11ac-VHT40	13.5	62	5310	6.31	97.40	6.42	≤ 8.84	Pass
11ac-VHT40	13.5	102	5510	6.89	97.40	7.00	≤ 8.43	Pass
11ac-VHT40	13.5	110	5550	6.96	97.40	7.07	≤ 8.43	Pass
11ac-VHT40	13.5	118	5590	7.41	97.40	7.52	≤ 8.43	Pass
11ac-VHT40	13.5	134	5670	7.71	97.40	7.82	≤ 8.43	Pass
11ac-VHT40	13.5	142	5710	7.66	97.40	7.77	≤ 8.43	Pass
11ac-VHT80	29.3	58	5290	2.92	94.30	3.17	≤ 8.84	Pass
11ac-VHT80	29.3	106	5530	3.90	94.30	4.15	≤ 8.43	Pass
11ac-VHT80	29.3	122	5610	5.51	94.30	5.76	≤ 8.43	Pass
11ac-VHT80	29.3	138	5690	5.34	94.30	5.59	≤ 8.43	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	-2.56	-4.18	-4.17	-4.25	97.18	2.42	≤ 2.70	Pass
11a	6	60	5300	-3.65	-4.42	-3.77	-4.31	97.18	2.12	≤ 2.70	Pass
11a	6	64	5320	-3.35	-4.43	-3.91	-4.15	97.18	2.20	≤ 2.70	Pass
11a	6	100	5500	-3.93	-3.93	-4.50	-4.35	97.18	1.97	≤ 2.45	Pass
11a	6	116	5580	-3.96	-4.11	-4.18	-3.90	97.18	2.11	≤ 2.45	Pass
11a	6	120	5600	-3.63	-3.88	-4.39	-3.62	97.18	2.28	≤ 2.45	Pass
11a	6	140	5700	-3.64	-3.88	-4.11	-3.82	97.18	2.29	≤ 2.45	Pass
11n-HT20	26	52	5260	-3.67	-4.05	-4.26	-4.08	98.81	2.01	≤ 2.70	Pass
11n-HT20	26	60	5300	-3.54	-4.21	-4.07	-4.02	98.81	2.07	≤ 2.70	Pass
11n-HT20	26	64	5320	-3.10	-3.77	-3.55	-3.92	98.81	2.45	≤ 2.70	Pass
11n-HT20	26	100	5500	-3.92	-3.77	-4.75	-4.33	98.81	1.84	≤ 2.45	Pass
11n-HT20	26	116	5580	-3.85	-3.85	-3.89	-3.82	98.81	2.17	≤ 2.45	Pass
11n-HT20	26	120	5600	-3.63	-3.88	-4.02	-3.68	98.81	2.22	≤ 2.45	Pass
11n-HT20	26	140	5700	-3.50	-3.91	-4.09	-3.90	98.81	2.18	≤ 2.45	Pass
11n-HT40	54	54	5270	-4.56	-5.10	-5.00	-5.06	97.55	1.20	≤ 2.70	Pass
11n-HT40	54	62	5310	-4.99	-5.50	-5.55	-5.89	97.55	0.66	≤ 2.70	Pass
11n-HT40	54	102	5510	-4.97	-5.00	-5.21	-5.05	97.55	1.07	≤ 2.45	Pass
11n-HT40	54	110	5550	-5.03	-5.42	-5.24	-5.07	97.55	0.94	≤ 2.45	Pass
11n-HT40	54	118	5590	-3.70	-3.74	-4.00	-3.68	97.55	2.35	≤ 2.45	Pass
11n-HT40	54	134	5670	-3.75	-4.30	-4.28	-4.14	97.55	2.02	≤ 2.45	Pass

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
11ac-VHT20	26	52	5260	-3.56	-3.93	-4.00	-3.91	98.82	2.17	≤ 2.70	Pass
11ac-VHT20	26	60	5300	-3.35	-4.07	-3.84	-3.87	98.82	2.25	≤ 2.70	Pass
11ac-VHT20	26	64	5320	-2.90	-3.93	-3.96	-3.78	98.82	2.40	≤ 2.70	Pass
11ac-VHT20	26	100	5500	-3.85	-4.03	-4.62	-4.01	98.82	1.90	≤ 2.45	Pass
11ac-VHT20	26	116	5580	-3.76	-3.62	-3.81	-3.76	98.82	2.28	≤ 2.45	Pass
11ac-VHT20	26	120	5600	-3.86	-3.50	-4.06	-3.76	98.82	2.23	≤ 2.45	Pass
11ac-VHT20	26	140	5700	-3.41	-4.06	-3.87	-3.79	98.82	2.24	≤ 2.45	Pass
11ac-VHT20	26	144	5720	-3.88	-4.18	-4.08	-4.09	98.82	1.96	≤ 2.45	Pass
11ac-VHT40	54	54	5270	-4.62	-5.40	-5.28	-5.30	97.40	1.00	≤ 2.70	Pass
11ac-VHT40	54	62	5310	-4.99	-6.07	-5.50	-5.91	97.40	0.54	≤ 2.70	Pass
11ac-VHT40	54	102	5510	-4.73	-5.36	-5.45	-5.18	97.40	0.96	≤ 2.45	Pass
11ac-VHT40	54	110	5550	-4.94	-5.27	-5.40	-4.92	97.40	1.01	≤ 2.45	Pass
11ac-VHT40	54	118	5590	-3.65	-3.88	-4.15	-3.69	97.40	2.30	≤ 2.45	Pass
11ac-VHT40	54	134	5670	-3.45	-3.84	-3.59	-3.88	97.40	2.44	≤ 2.45	Pass
11ac-VHT40	54	142	5710	-3.35	-4.32	-4.07	-4.06	97.40	2.20	≤ 2.45	Pass
11ac-VHT80	117.2	58	5290	-8.28	-8.85	-8.88	-9.33	94.30	-2.54	≤ 2.70	Pass
11ac-VHT80	117.2	106	5530	-7.80	-8.20	-8.85	-8.76	94.30	-2.11	≤ 2.45	Pass
11ac-VHT80	117.2	122	5610	-6.59	-7.25	-7.39	-6.80	94.30	-0.72	≤ 2.45	Pass
11ac-VHT80	117.2	138	5690	-6.60	-7.33	-7.26	-6.95	94.30	-0.75	≤ 2.45	Pass

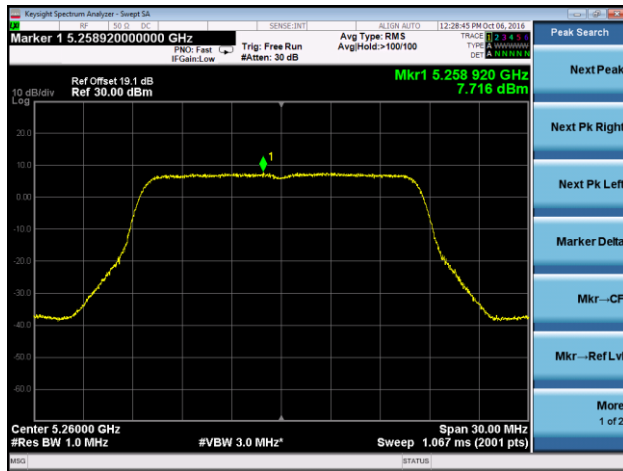
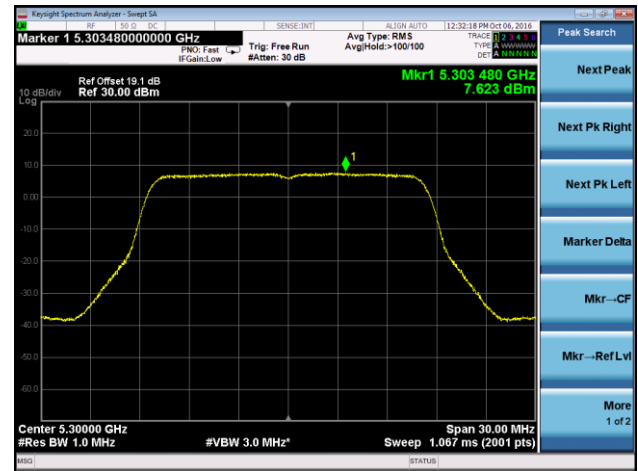
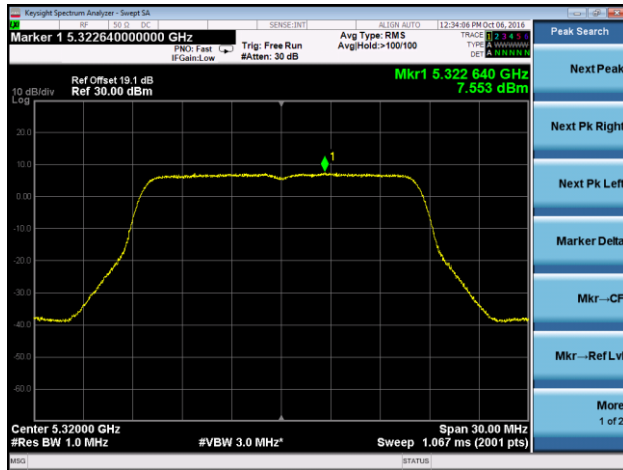
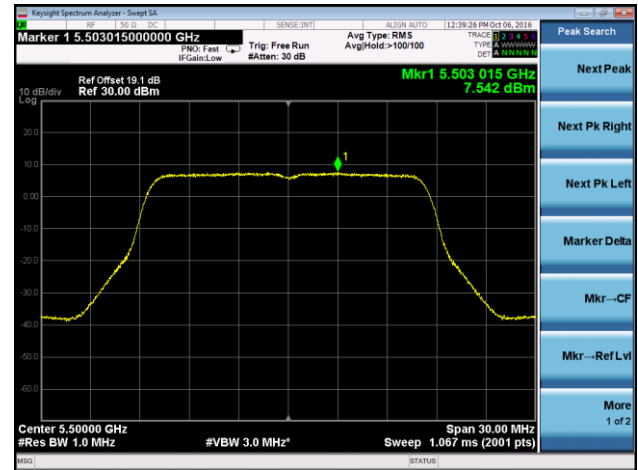
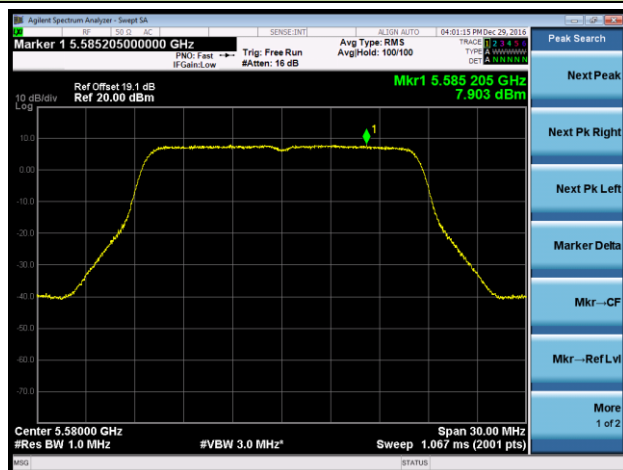
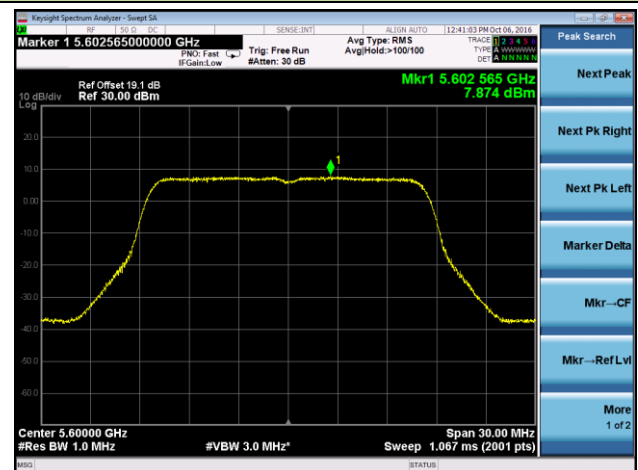
Note: When EUT duty cycle < 98%, the total PSD =  $10 \cdot \log\{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\} + 10 \cdot \log(1/\text{duty cycle})$

**For 11ac-VHT 80 + 80 Test Data**

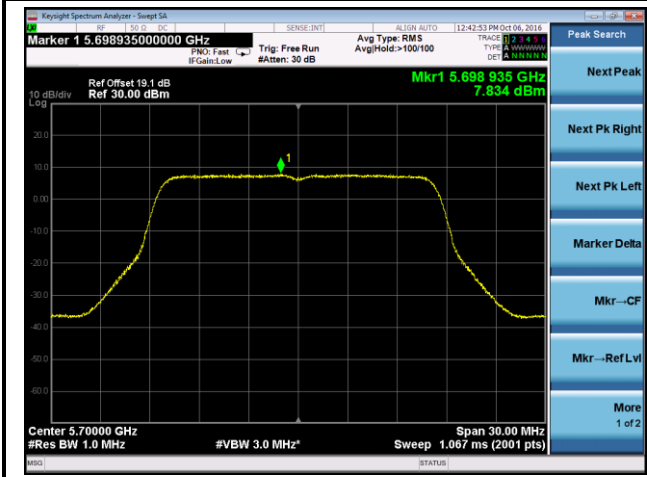
Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/MHz)	Ant 1 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Ant 3 PSD (dBm/MHz)	Duty Cycle (%)	Constant Factor	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Result
11ac-VHT 80+80	58.6	42	5210	-2.07	-2.53	--	--	94.30	--	0.97	≤ 11.71	Pass
	58.6	58	5290	--	--	-2.96	-2.83	94.30	--	0.37	≤ 5.71	Pass
11ac-VHT 80+80	58.6	42	5210	-1.93	-2.29	--	--	94.30	--	1.16	≤ 11.71	Pass
	58.6	106	5530	--	--	-2.37	-2.13	94.30	--	1.02	≤ 5.46	Pass
11ac-VHT 80+80	58.6	42	5210	-1.94	-2.18	--	--	94.30	--	1.21	≤ 11.71	Pass
	58.6	122	5610	--	--	-2.50	-2.79	94.30	--	0.62	≤ 5.46	Pass
11ac-VHT 80+80	58.6	42	5210	-1.85	-1.74	--	--	94.30	--	1.47	≤ 11.71	Pass
	58.6	138	5690	--	--	-2.23	-2.96	94.30	--	0.69	≤ 5.46	Pass
11ac-VHT 80+80	58.6	58	5290	-1.34	-1.69	--	--	94.30	--	1.75	≤ 5.71	Pass
	58.6	106	5530	--	--	-1.68	-1.68	94.30	--	1.59	≤ 5.46	Pass
11ac-VHT 80+80	58.6	58	5290	-3.17	-3.74	--	--	94.30	--	-0.18	≤ 5.71	Pass
	58.6	122	5610	--	--	-3.78	-3.54	94.30	--	-0.39	≤ 5.46	Pass
11ac-VHT 80+80	58.6	58	5290	-3.42	-3.72	--	--	94.30	--	-0.30	≤ 5.71	Pass
	58.6	138	5690	--	--	-3.96	-3.70	94.30	--	-0.56	≤ 5.46	Pass
11ac-VHT 80+80	58.6	58	5290	-3.43	-3.50	--	--	94.30	--	-0.20	≤ 5.71	Pass
	58.6	155	5775	--	--	-12.83	-12.82	94.30	6.99	-2.57	≤ 24.12	Pass
11ac-VHT 80+80	58.6	106	5530	-2.84	-2.15	--	--	94.30	--	0.78	≤ 5.46	Pass
	58.6	122	5610	--	--	-3.58	-2.63	94.30	--	0.19	≤ 5.46	Pass
11ac-VHT 80+80	58.6	106	5530	-1.39	-1.71	--	--	94.30	--	1.72	≤ 5.46	Pass
	58.6	138	5690	--	--	-1.82	-1.89	94.30	--	1.41	≤ 5.46	Pass
11ac-VHT 80+80	58.6	106	5530	-2.65	-2.76	--	--	94.30	--	0.56	≤ 5.46	Pass
	58.6	155	5775	--	--	-11.89	-12.14	94.30	6.99	-1.76	≤ 24.12	Pass
11ac-VHT 80+80	58.6	122	5610	-2.39	-2.94	--	--	94.30	--	0.61	≤ 5.46	Pass
	58.6	138	5690	--	--	-1.93	-2.03	94.30	--	1.29	≤ 5.46	Pass
11ac-VHT 80+80	58.6	122	5610	-2.46	-2.64	--	--	94.30	--	0.72	≤ 5.46	Pass
	58.6	155	5775	--	--	-10.84	-11.13	94.30	6.99	-0.73	≤ 24.12	Pass
11ac-VHT 80+80	58.6	138	5690	-1.93	-1.90	--	--	94.30	--	1.35	≤ 5.46	Pass
	58.6	155	5775	--	--	-11.70	-11.90	94.30	6.99	-1.54	≤ 24.12	Pass

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

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

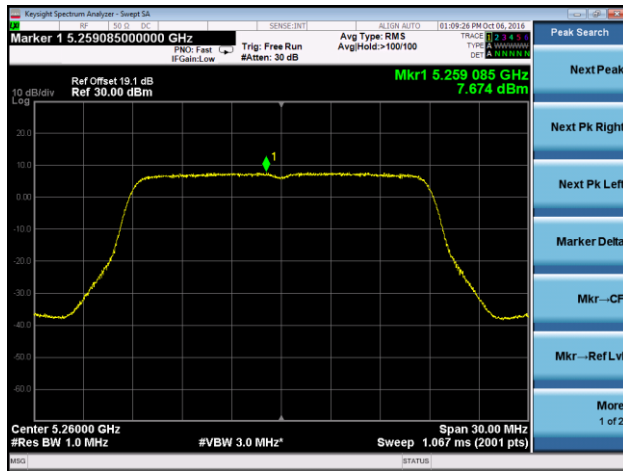
**802.11a Power Spectral Density - Ant 0**
**Channel 52 (5260MHz)**

**Channel 60 (5300MHz)**

**Channel 64 (5320MHz)**

**Channel 100 (5500MHz)**

**Channel 118 (5580MHz)**

**Channel 120 (5600MHz)**


### Channel 140 (5700MHz)

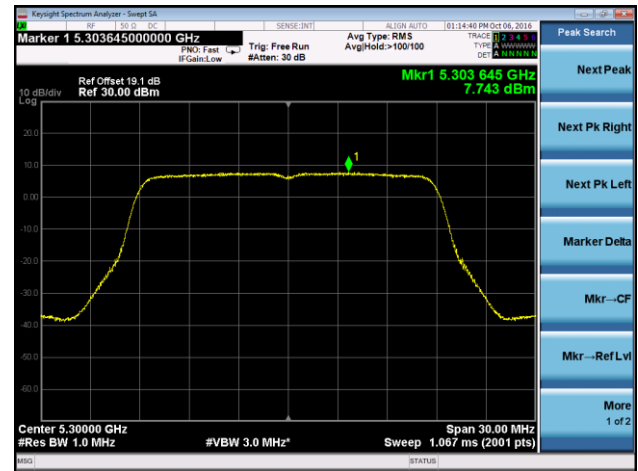


### 802.11n-HT20 Power Spectral Density - Ant 0

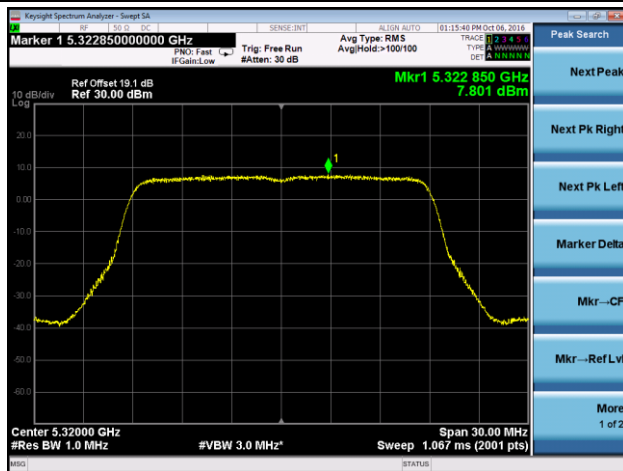
#### Channel 52 (5260MHz)



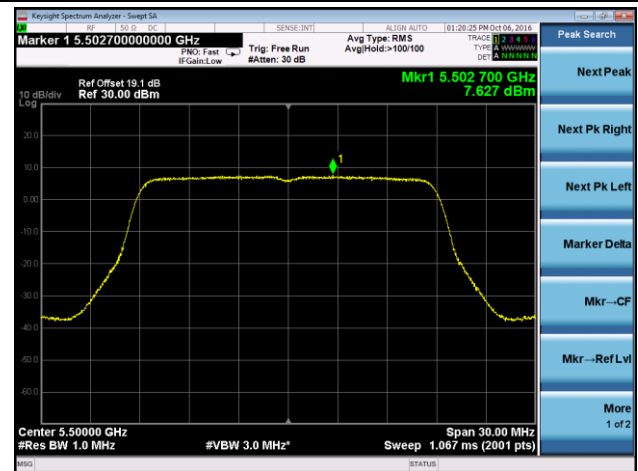
#### Channel 60 (5300MHz)



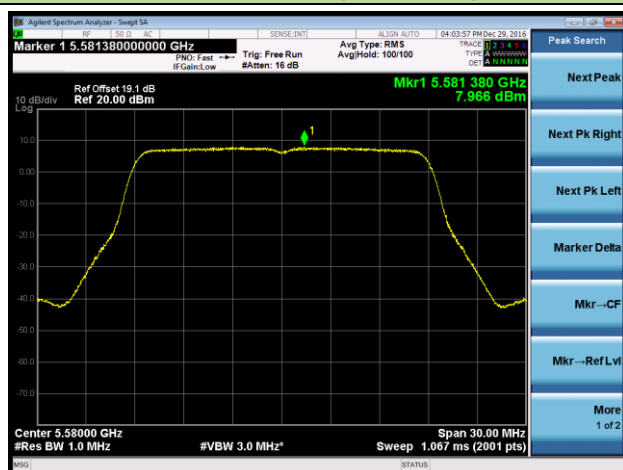
#### Channel 64 (5320MHz)



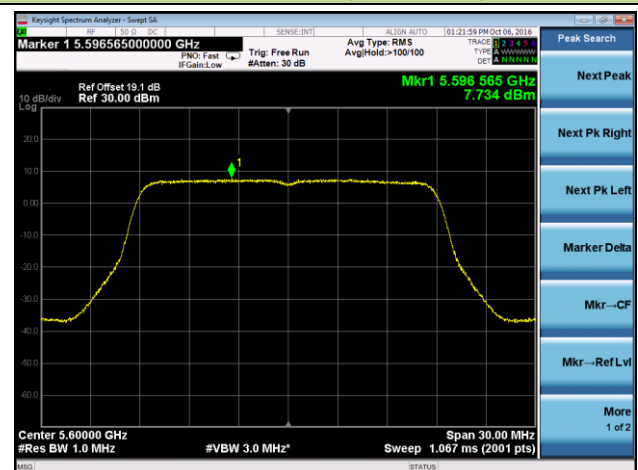
#### Channel 100 (5500MHz)

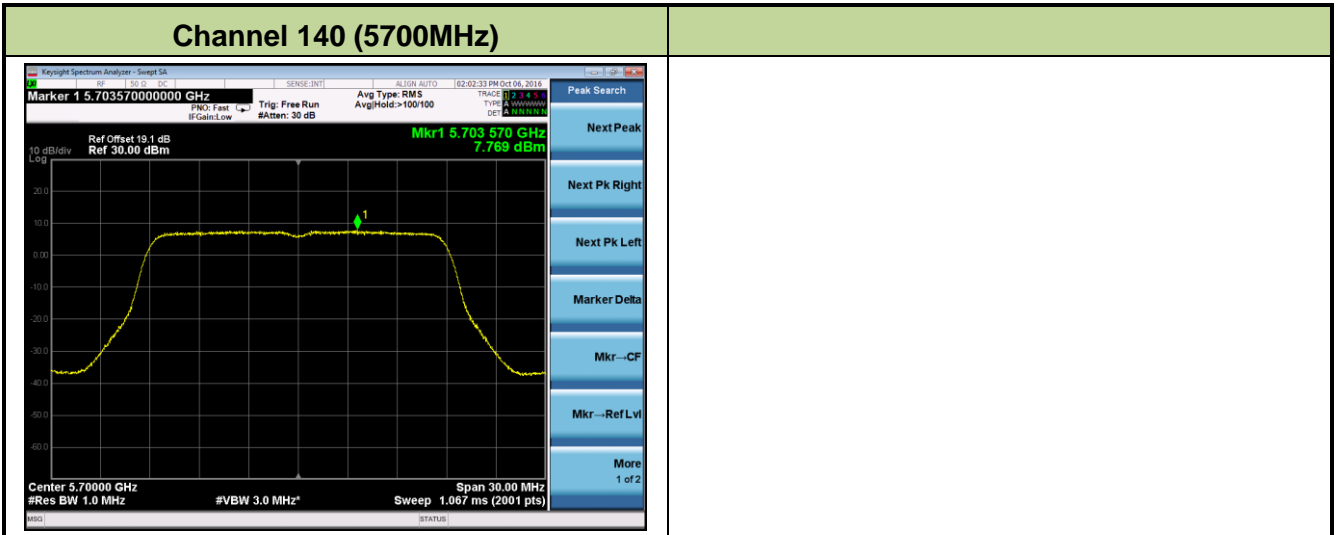


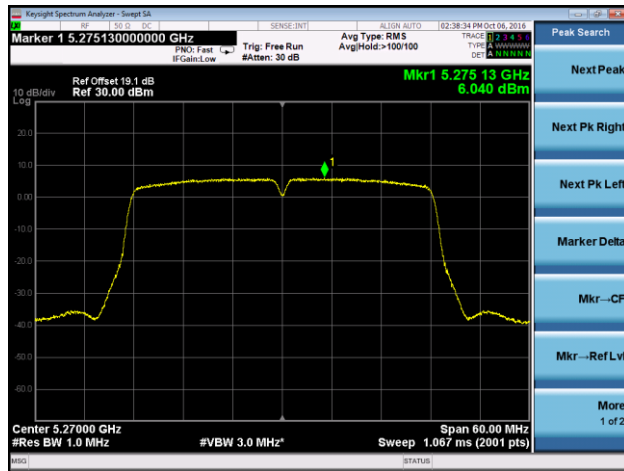
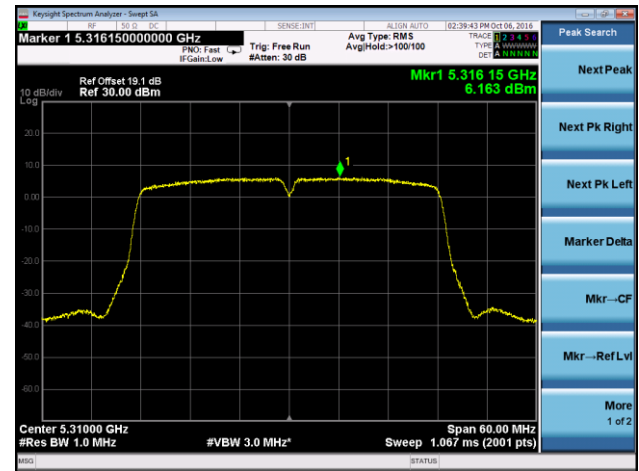
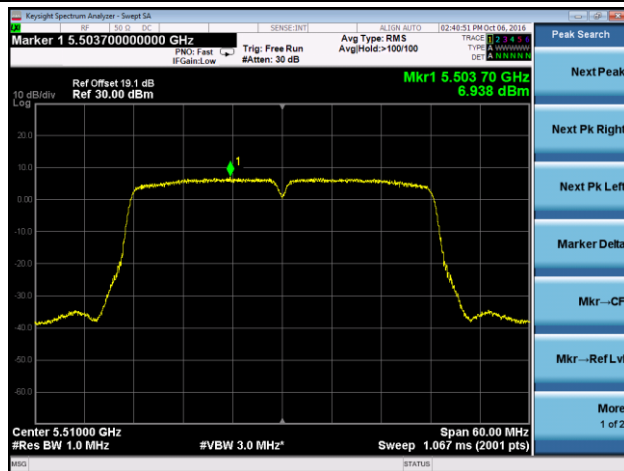
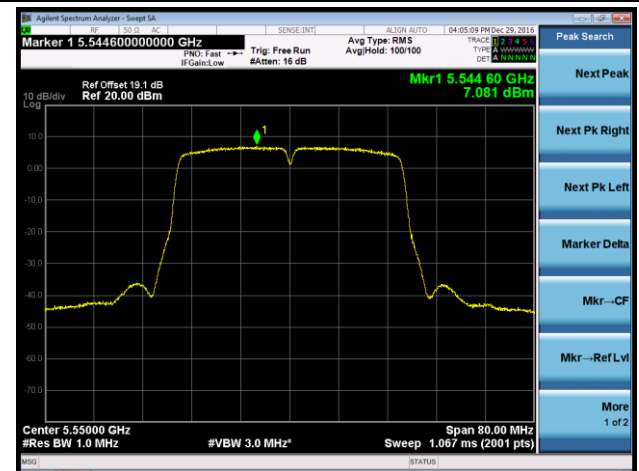
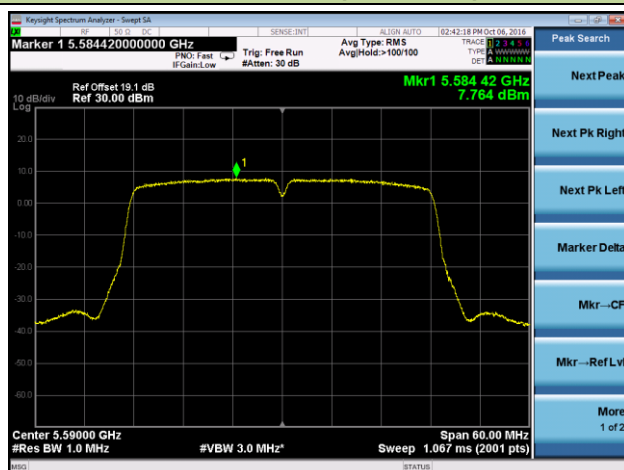
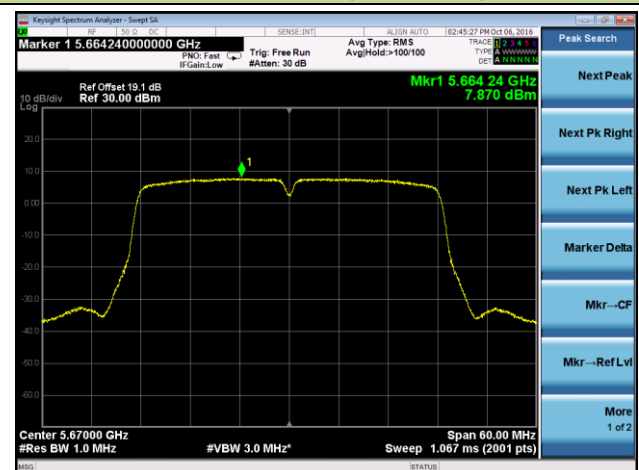
#### Channel 118 (5580MHz)



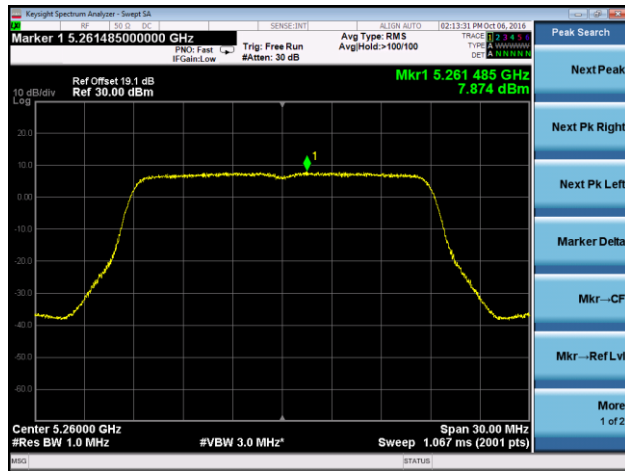
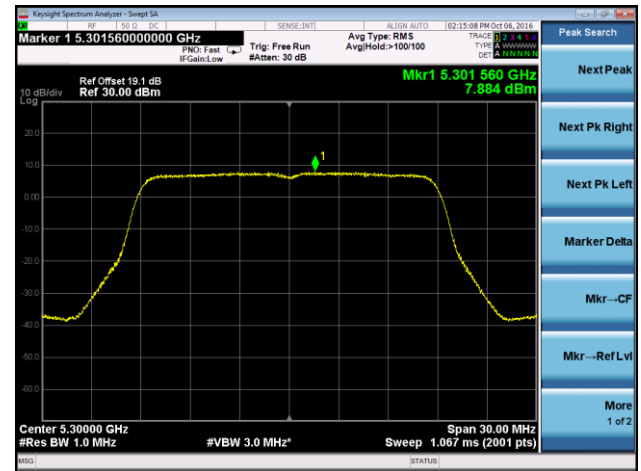
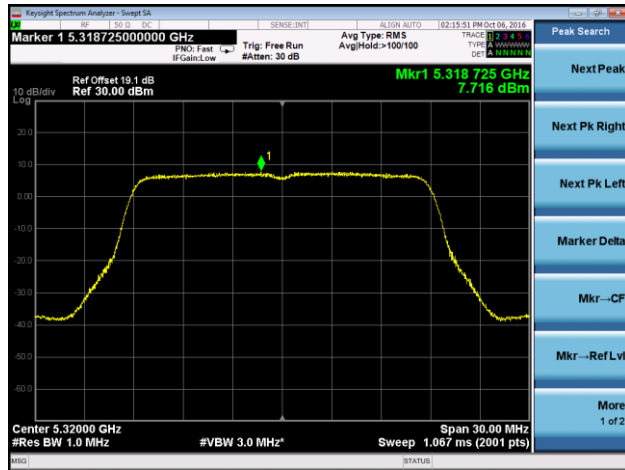
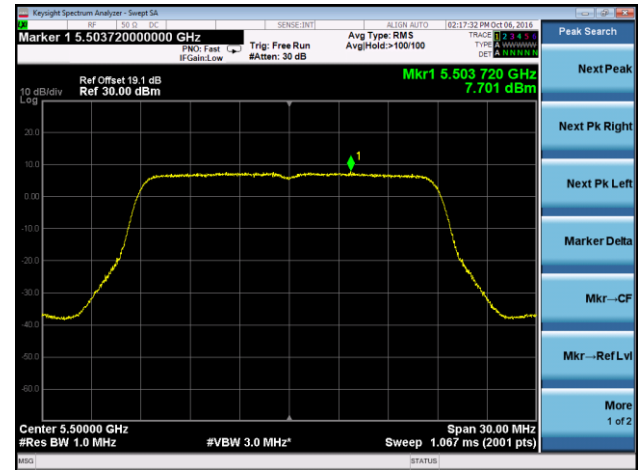
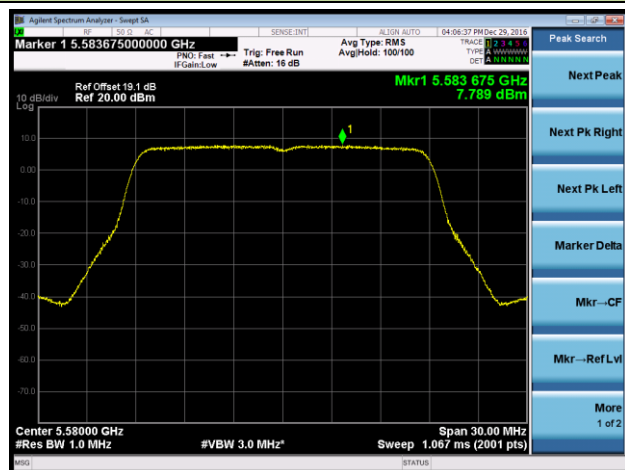
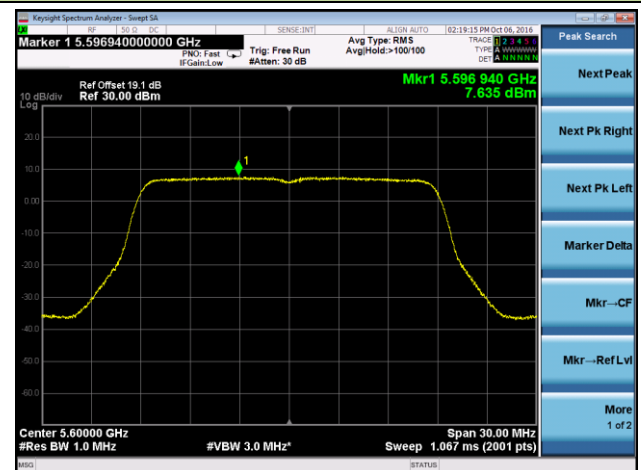
#### Channel 120 (5600MHz)

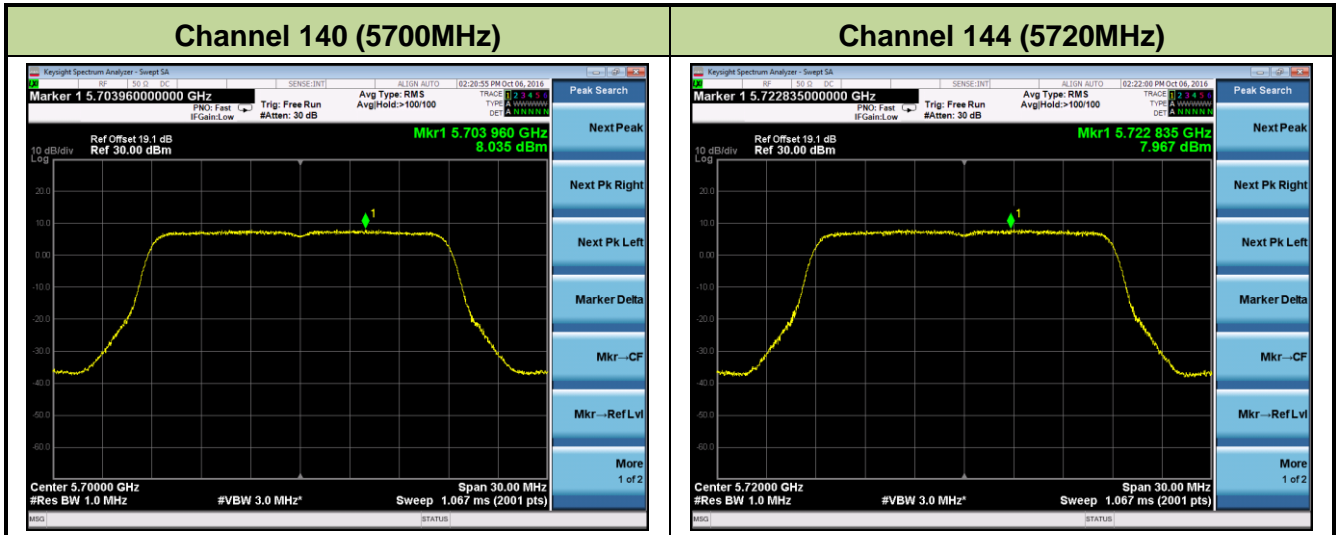


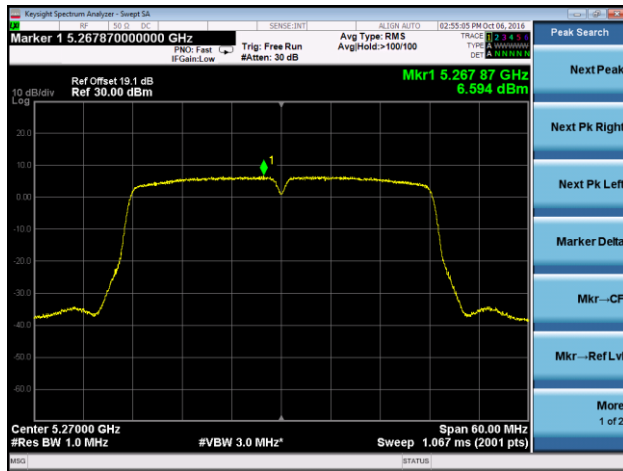
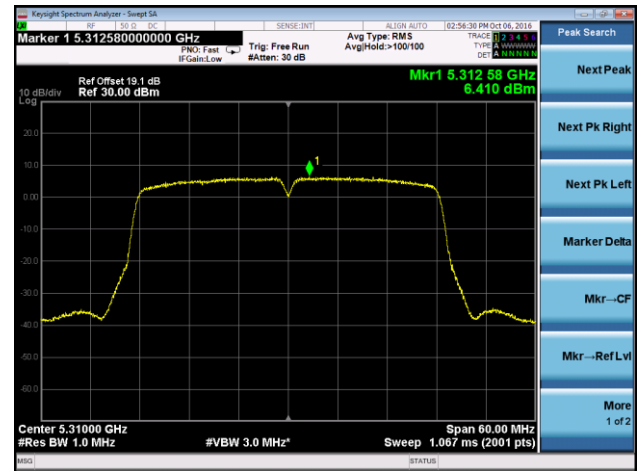
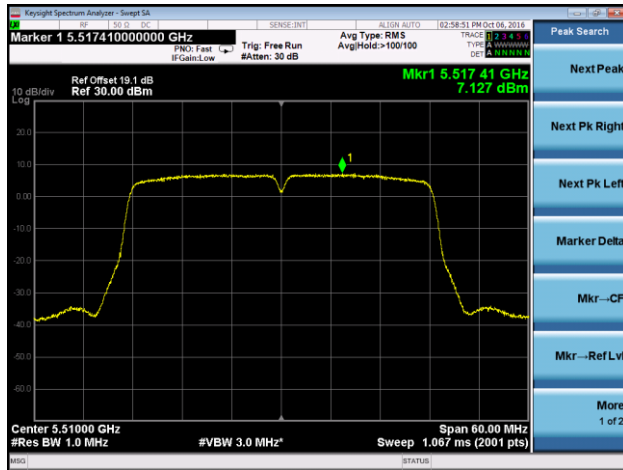


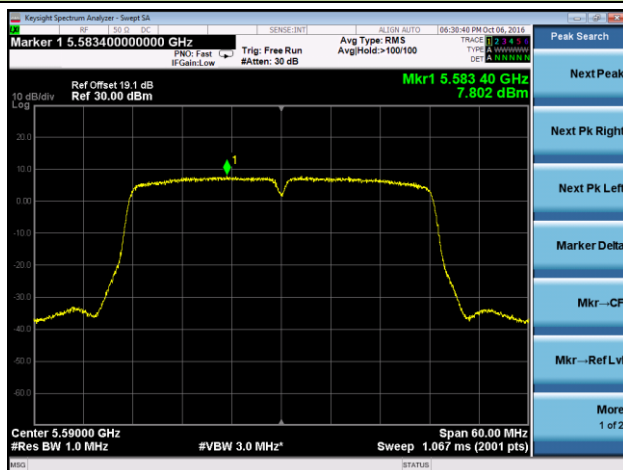
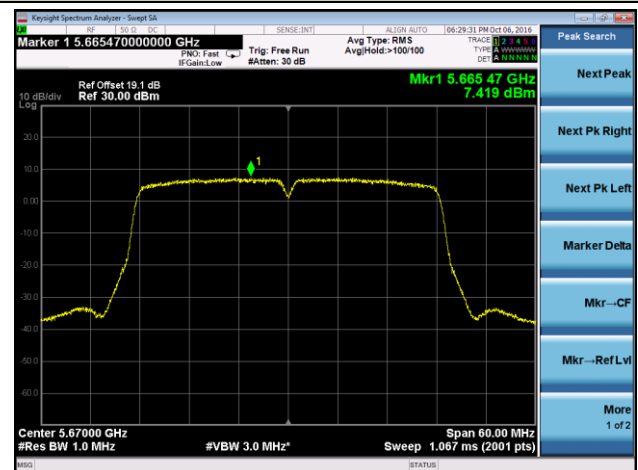
**802.11n-HT40 Power Spectral Density - Ant 0**
**Channel 54 (5270MHz)**

**Channel 62 (5310MHz)**

**Channel 102 (5510MHz)**

**Channel 110 (5550MHz)**

**Channel 118 (5590MHz)**

**Channel 134 (5670MHz)**




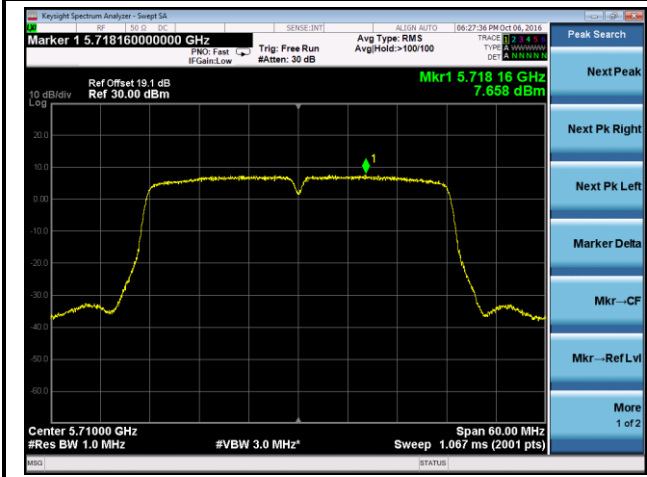
**802.11ac-VHT20 Power Spectral Density - Ant 0**
**Channel 52 (5260MHz)**

**Channel 60 (5300MHz)**

**Channel 64 (5320MHz)**

**Channel 100 (5500MHz)**

**Channel 118 (5580MHz)**

**Channel 120 (5600MHz)**


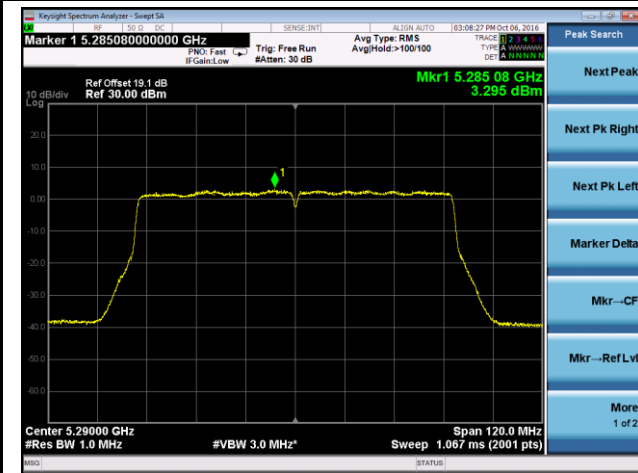


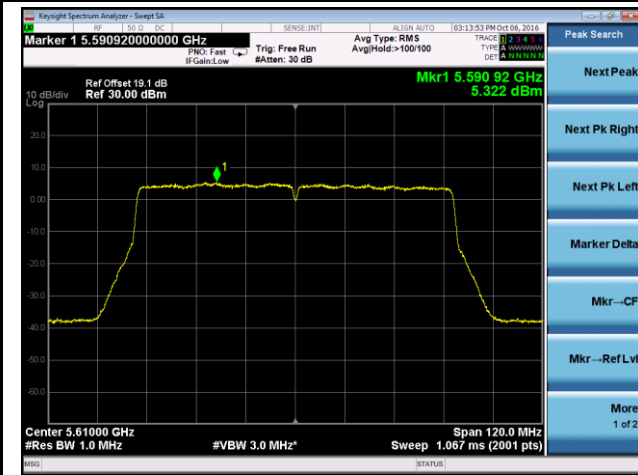
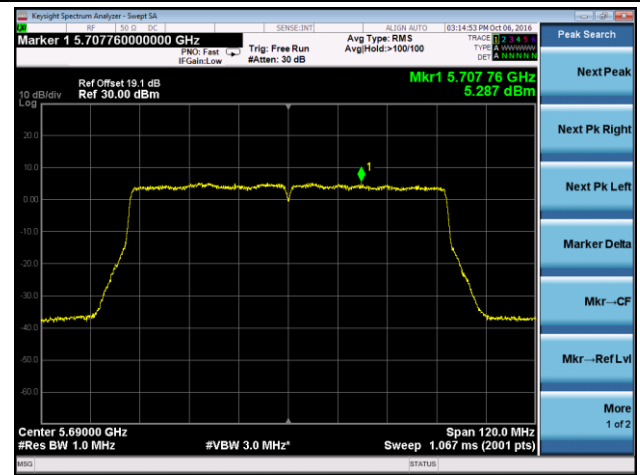
**802.11ac-VHT40 Power Spectral Density - Ant 0**
**Channel 54 (5270MHz)**

**Channel 62 (5310MHz)**

**Channel 102 (5510MHz)**

**Channel 110 (5550MHz)**

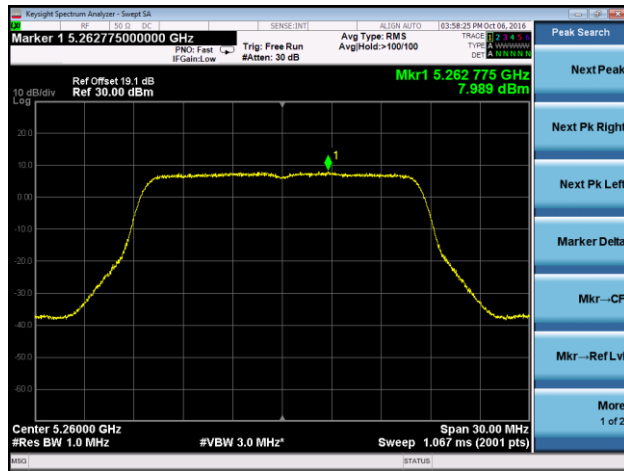
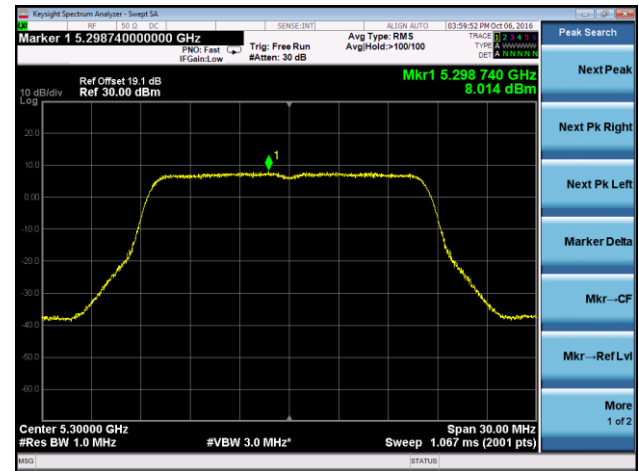
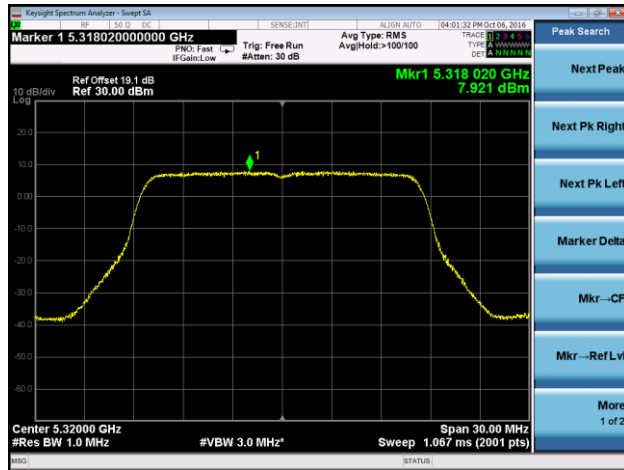
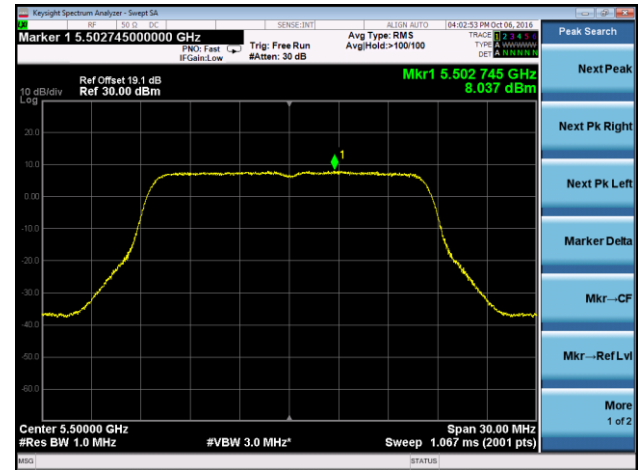
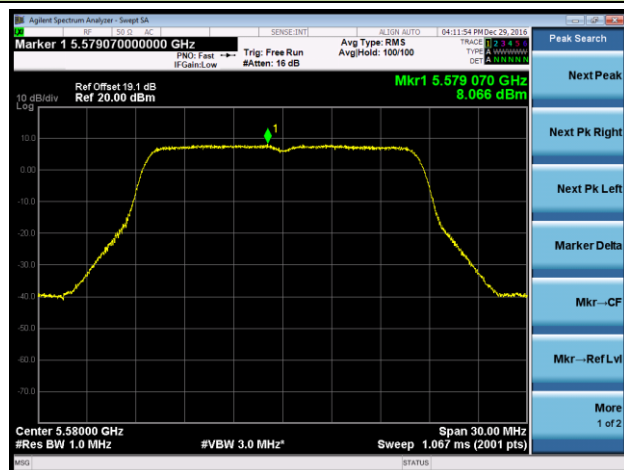
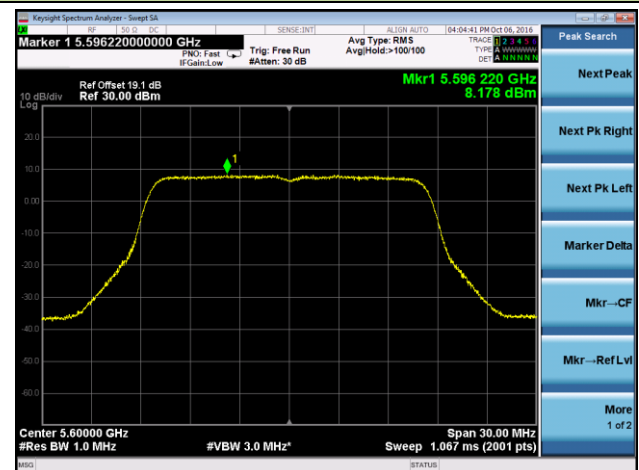
**Channel 118 (5590MHz)**

**Channel 134 (5670MHz)**


### Channel 142 (5710MHz)

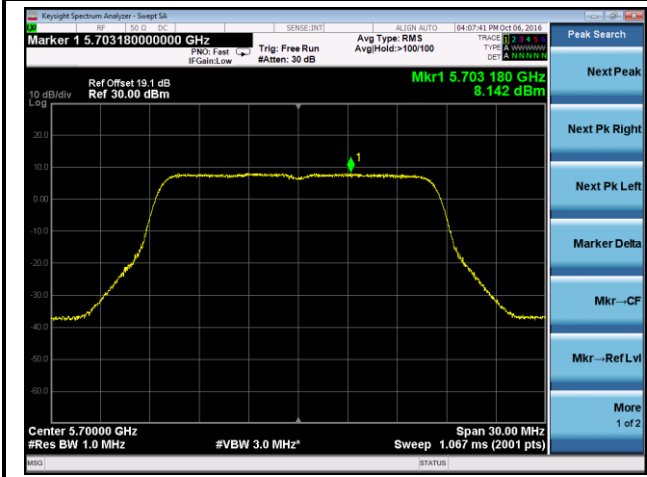


**802.11ac-VHT80 Power Spectral Density - Ant 0**
**Channel 58 (5290MHz)**

**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)



Peak Search

Next Peak

Next Pk Right

Next Pk Left

Marker Delta

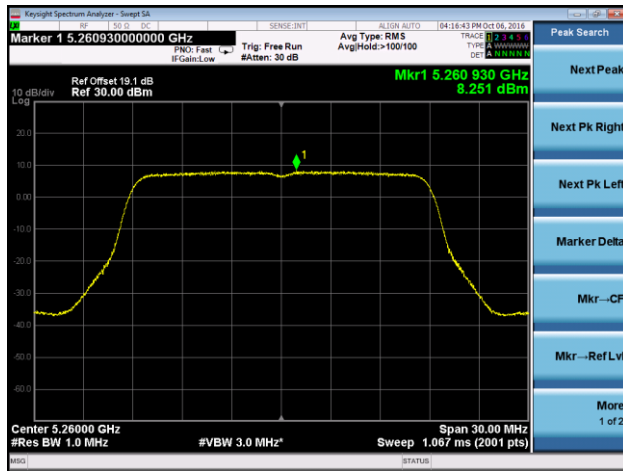
Mkr--CF

Mkr--Ref Lvl

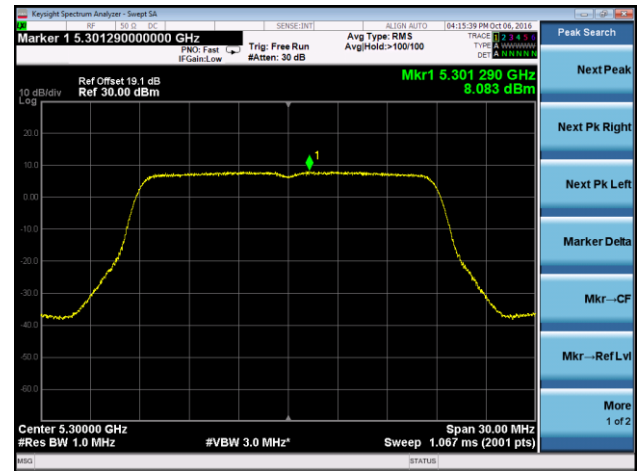
More  
1 of 2

### 802.11n-HT20 Power Spectral Density - Ant 1

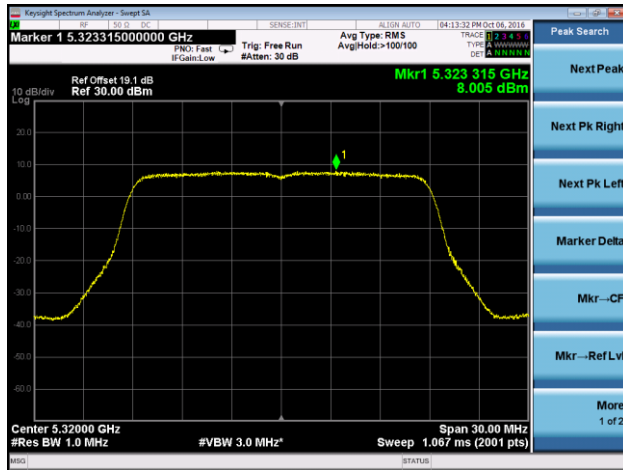
#### Channel 52 (5260MHz)



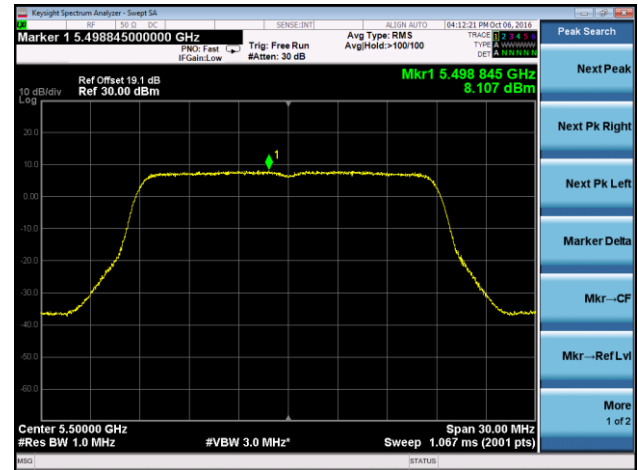
#### Channel 60 (5300MHz)



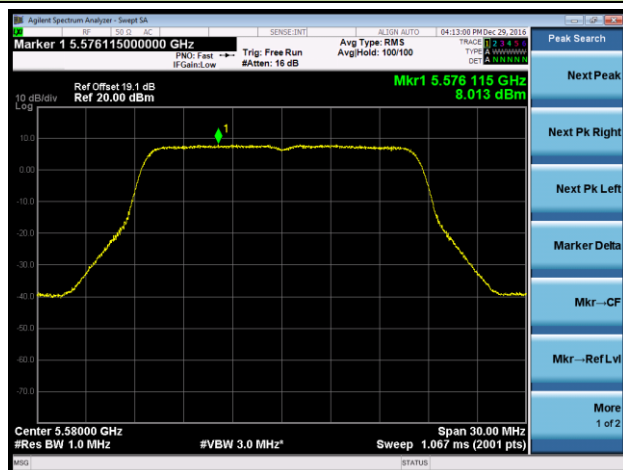
#### Channel 64 (5320MHz)



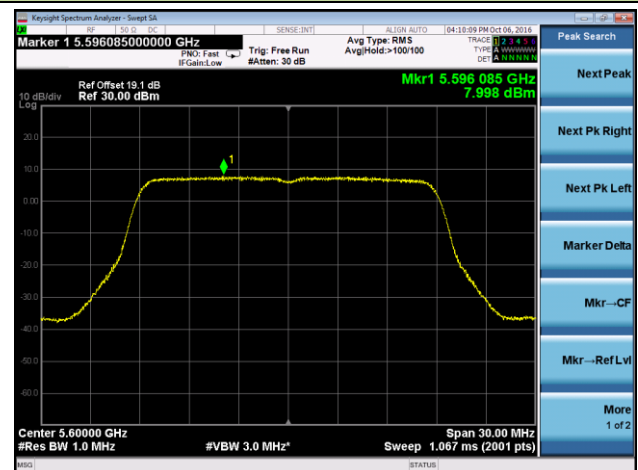
#### Channel 100 (5500MHz)



#### Channel 118 (5580MHz)

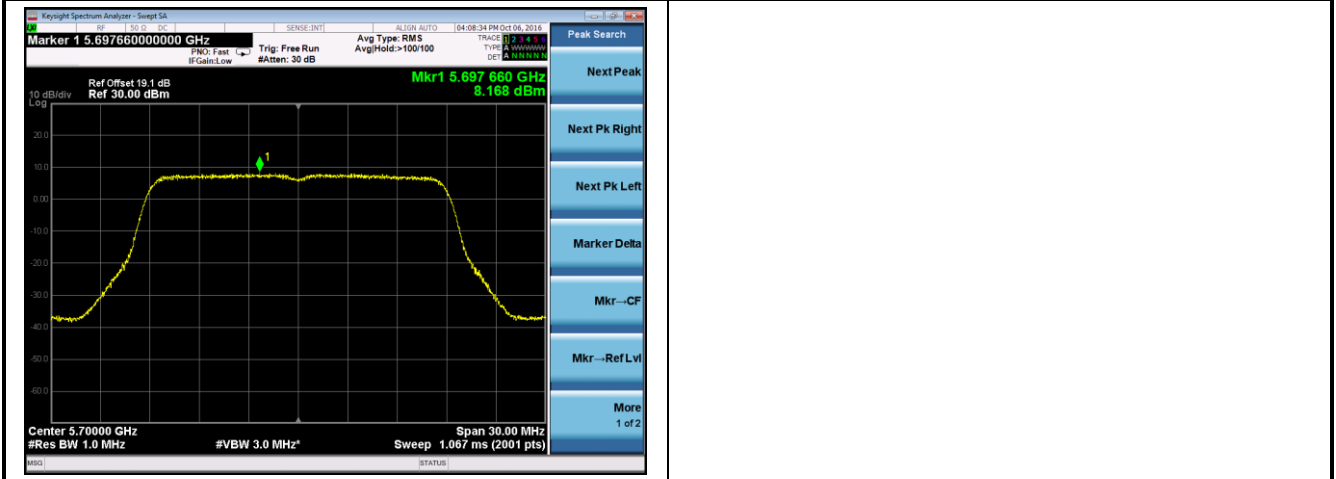


#### Channel 120 (5600MHz)



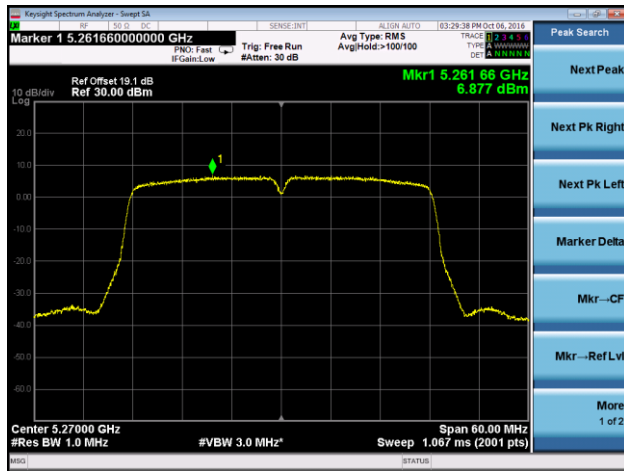


### Channel 140 (5700MHz)

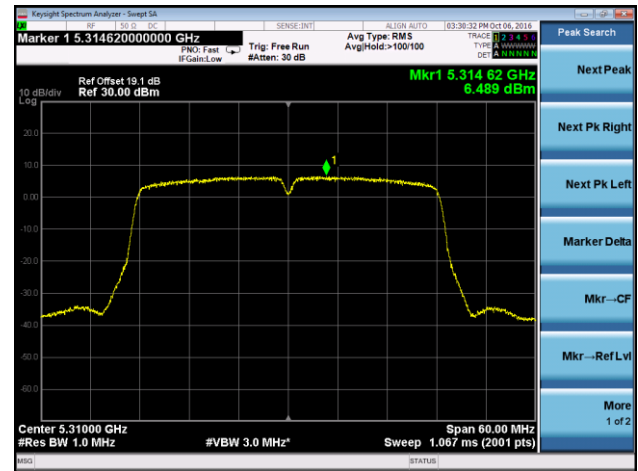


### 802.11n-HT40 Power Spectral Density - Ant 1

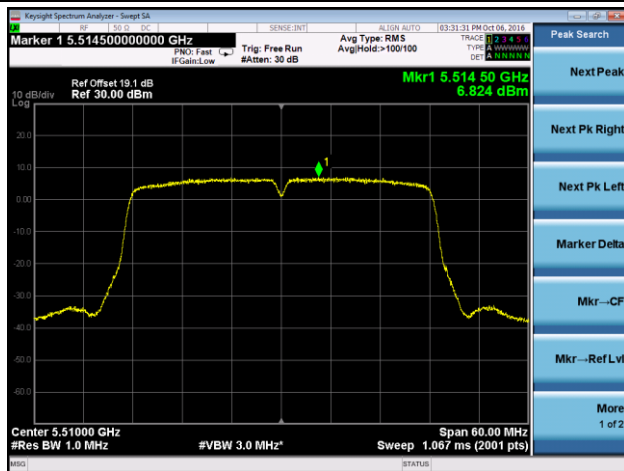
#### Channel 54 (5270MHz)



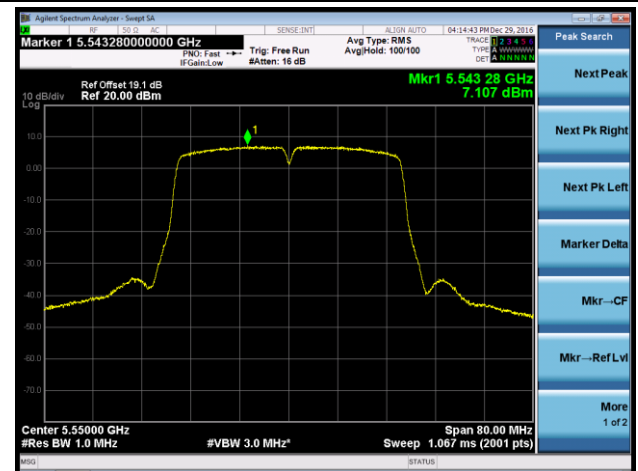
#### Channel 62 (5310MHz)



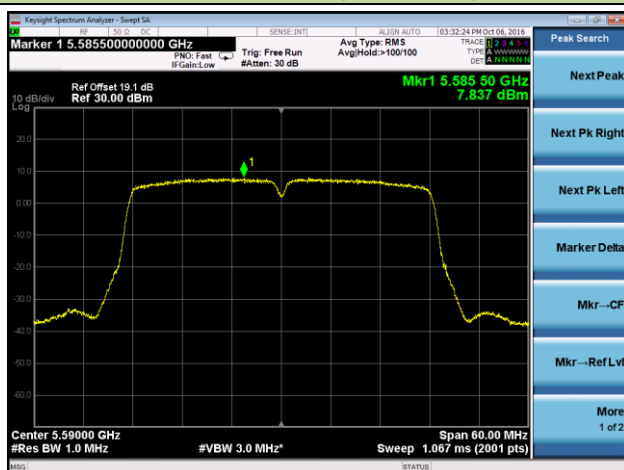
#### Channel 102 (5510MHz)



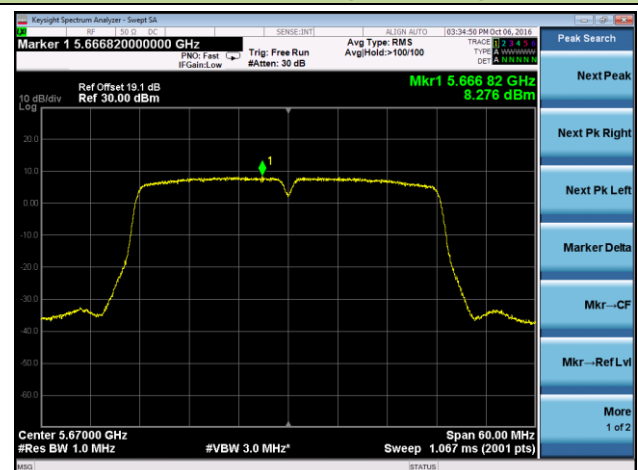
#### Channel 110 (5550MHz)

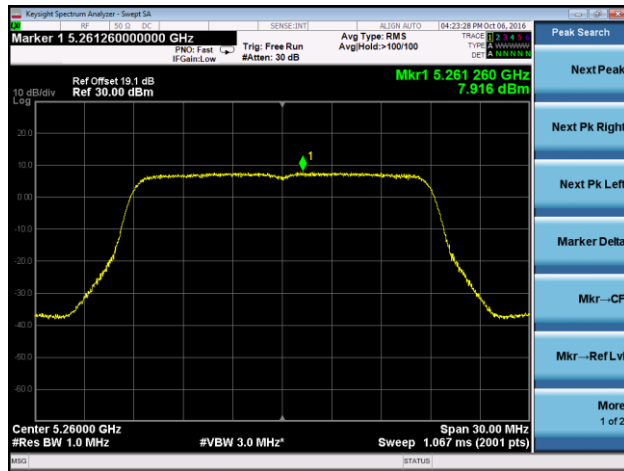
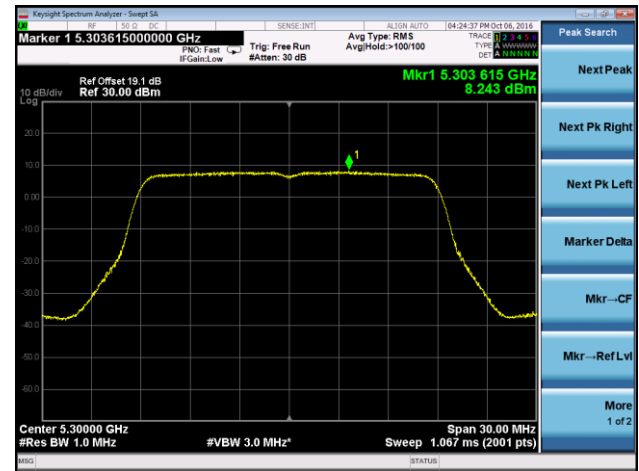
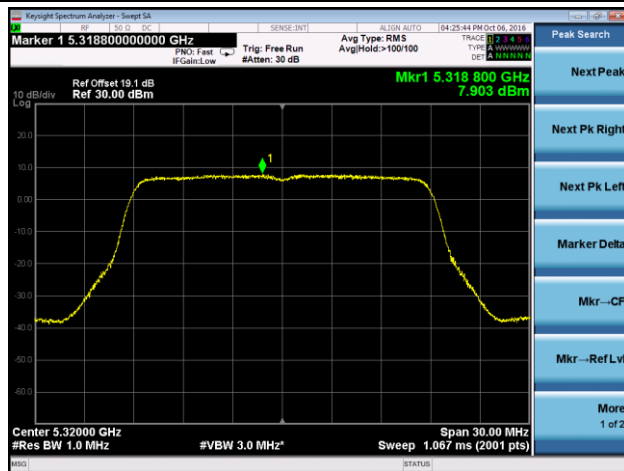
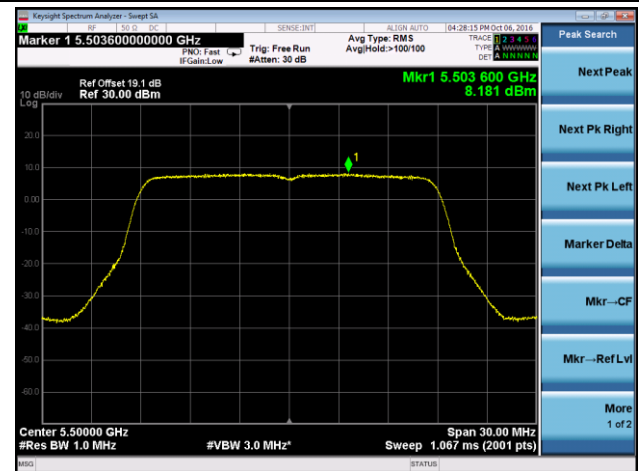
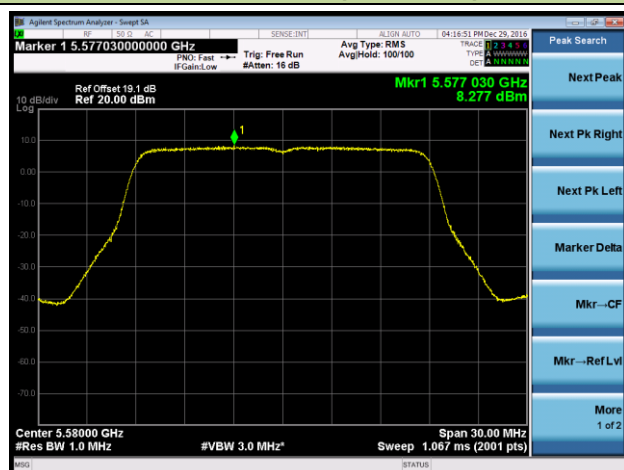
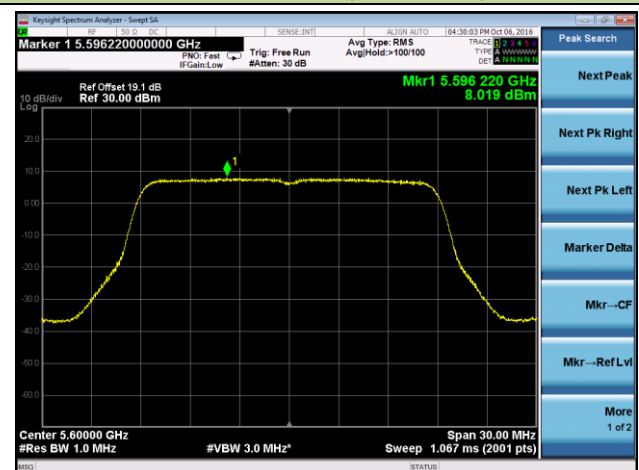


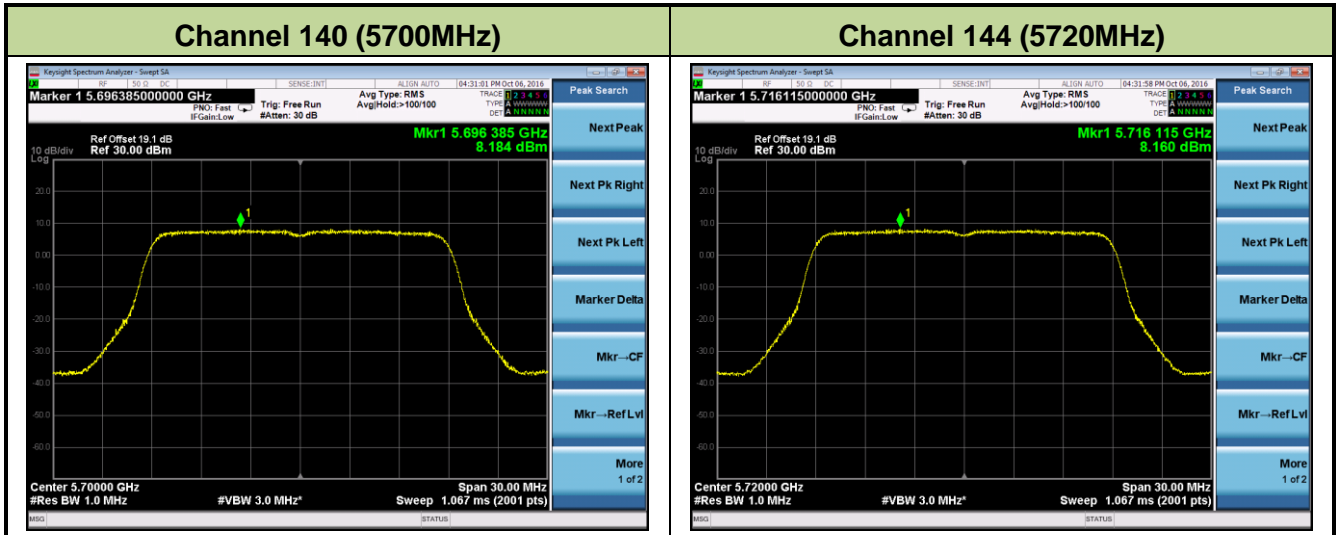
#### Channel 118 (5590MHz)

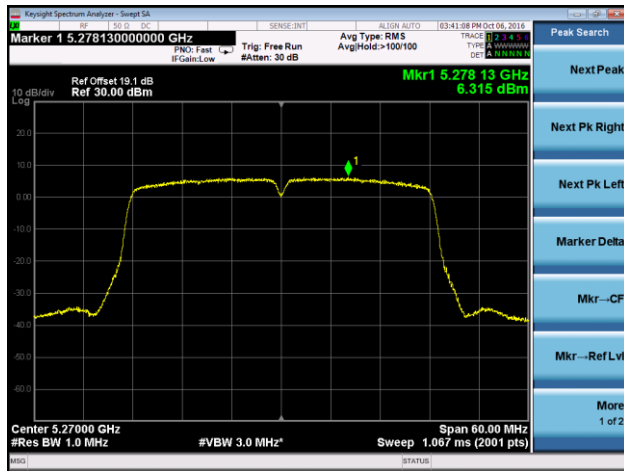
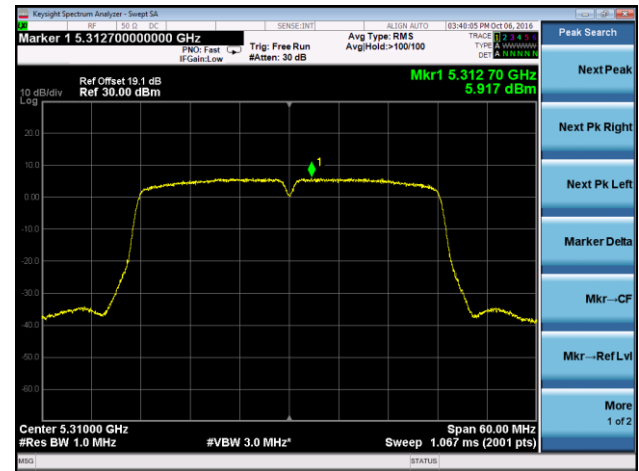
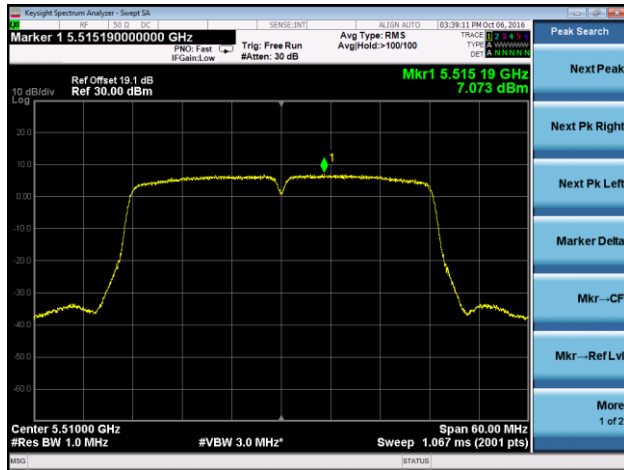
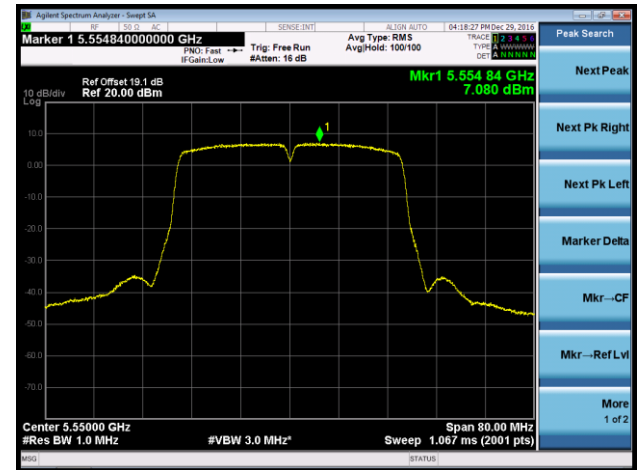
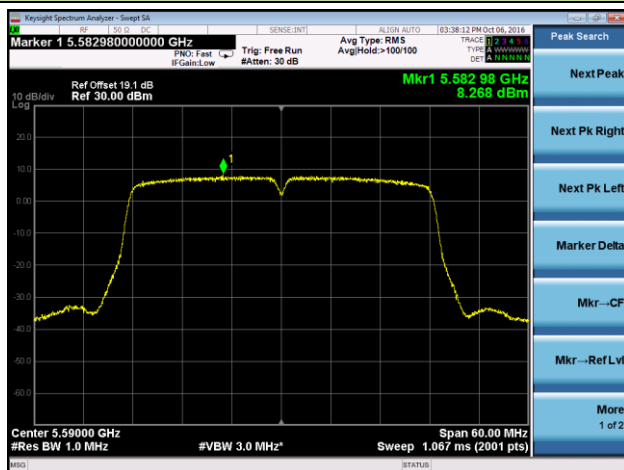


#### Channel 134 (5670MHz)



**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)**




**802.11ac-VHT40 Power Spectral Density - Ant 1**
**Channel 54 (5270MHz)**

**Channel 62 (5310MHz)**

**Channel 102 (5510MHz)**

**Channel 110 (5550MHz)**

**Channel 118 (5590MHz)**

**Channel 134 (5670MHz)**
