Directional Antenna 1356.17.0077 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	2.56	97.18	2.71	≤ 3.00	Pass
11a	6	60	5300	2.58	97.18	2.72	≤ 3.00	Pass
11a	6	64	5320	2.59	97.18	2.55	≤ 3.00	Pass
11a	6	100	5500	2.43	97.18	2.65	≤ 3.00	Pass
11a	6	116	5580	2.54	97.18	2.66	≤ 3.00	Pass
11a	6	120	5600	2.52	97.18	2.70	≤ 3.00	Pass
11a	6	140	5700	2.58	97.18	2.71	≤ 3.00	Pass
11n-HT20	6.5	52	5260	2.54	98.81	2.54	≤ 3.00	Pass
11n-HT20	6.5	60	5300	2.39	98.81	2.39	≤ 3.00	Pass
11n-HT20	6.5	64	5320	2.35	98.81	2.35	≤ 3.00	Pass
11n-HT20	6.5	100	5500	2.45	98.81	2.45	≤ 3.00	Pass
11n-HT20	6.5	116	5580	2.56	98.81	2.56	≤ 3.00	Pass
11n-HT20	6.5	120	5600	2.55	98.81	2.55	≤ 3.00	Pass
11n-HT20	6.5	140	5700	2.69	98.81	2.69	≤ 3.00	Pass
11n-HT40	13.5	54	5270	-0.75	97.55	-0.64	≤ 3.00	Pass
11n-HT40	13.5	62	5310	-0.45	97.55	-0.34	≤ 3.00	Pass
11n-HT40	13.5	102	5510	0.37	97.55	0.47	≤ 3.00	Pass
11n-HT40	13.5	110	5550	0.40	97.55	0.51	≤ 3.00	Pass
11n-HT40	13.5	118	5590	0.61	97.55	0.72	≤ 3.00	Pass
11n-HT40	13.5	134	5670	0.73	97.55	0.84	≤ 3.00	Pass
11ac-VHT20	6.5	52	5260	2.65	98.82	2.65	≤ 3.00	Pass
11ac-VHT20	6.5	60	5300	2.59	98.82	2.59	≤ 3.00	Pass
11ac-VHT20	6.5	64	5320	2.48	98.82	2.48	≤ 3.00	Pass
11ac-VHT20	6.5	100	5500	2.42	98.82	2.42	≤ 3.00	Pass
11ac-VHT20	6.5	116	5580	2.76	98.82	2.78	≤ 3.00	Pass
11ac-VHT20	6.5	120	5600	2.60	98.82	2.60	≤ 3.00	Pass
11ac-VHT20	6.5	140	5700	2.68	98.82	2.68	≤ 3.00	Pass
11ac-VHT20	6.5	144	5720	2.44	98.82	2.44	≤ 3.00	Pass
11ac-VHT40	13.5	54	5270	-0.52	97.40	-0.41	≤ 3.00	Pass
11ac-VHT40	13.5	62	5310	-0.42	97.40	-0.31	≤ 3.00	Pass

11ac-VHT40	13.5	102	5510	0.44	97.40	0.55	≤ 3.00	Pass
11ac-VHT40	13.5	110	5550	0.47	97.40	0.11	≤ 3.00	Pass
11ac-VHT40	13.5	118	5590	0.69	97.40	0.80	≤ 3.00	Pass
11ac-VHT40	13.5	134	5670	0.65	97.40	0.76	≤ 3.00	Pass
11ac-VHT40	13.5	142	5710	0.65	97.40	0.76	≤ 3.00	Pass
11ac-VHT80	29.3	58	5290	-4.00	94.30	-3.75	≤ 3.00	Pass
11ac-VHT80	29.3	106	5530	-2.58	94.30	-2.33	≤ 3.00	Pass
11ac-VHT80	29.3	122	5610	-2.59	94.30	-2.33	≤ 3.00	Pass
11ac-VHT80	29.3	138	5690	-2.68	94.30	-2.42	≤ 3.00	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	2.43	97.18	2.55	≤ 3.00	Pass
11a	6	60	5300	2.50	97.18	2.63	≤ 3.00	Pass
11a	6	64	5320	2.41	97.18	2.54	≤ 3.00	Pass
11a	6	100	5500	2.50	97.18	2.62	≤ 3.00	Pass
11a	6	116	5580	2.68	97.18	2.80	≤ 3.00	Pass
11a	6	120	5600	2.58	97.18	2.70	≤ 3.00	Pass
11a	6	140	5700	2.42	97.18	2.55	≤ 3.00	Pass
11n-HT20	6.5	52	5260	2.59	98.81	2.59	≤ 3.00	Pass
11n-HT20	6.5	60	5300	2.46	98.81	2.46	≤ 3.00	Pass
11n-HT20	6.5	64	5320	2.32	98.81	2.32	≤ 3.00	Pass
11n-HT20	6.5	100	5500	2.55	98.81	2.55	≤ 3.00	Pass
11n-HT20	6.5	116	5580	2.74	98.81	2.74	≤ 3.00	Pass
11n-HT20	6.5	120	5600	2.46	98.81	2.46	≤ 3.00	Pass
11n-HT20	6.5	140	5700	2.47	98.81	2.47	≤ 3.00	Pass
11n-HT40	13.5	54	5270	-0.09	97.55	0.02	≤ 3.00	Pass
11n-HT40	13.5	62	5310	0.09	97.55	0.20	≤ 3.00	Pass
11n-HT40	13.5	102	5510	0.36	97.55	0.46	≤ 3.00	Pass
11n-HT40	13.5	110	5550	1.06	97.55	1.17	≤ 3.00	Pass
11n-HT40	13.5	118	5590	0.67	97.55	0.77	≤ 3.00	Pass
11n-HT40	13.5	134	5670	1.08	97.55	1.19	≤ 3.00	Pass
11ac-VHT20	6.5	52	5260	2.65	98.82	2.65	≤ 3.00	Pass
11ac-VHT20	6.5	60	5300	2.42	98.82	2.42	≤ 3.00	Pass
11ac-VHT20	6.5	64	5320	2.59	98.82	2.59	≤ 3.00	Pass
11ac-VHT20	6.5	100	5500	2.51	98.82	2.51	≤ 3.00	Pass
11ac-VHT20	6.5	116	5580	2.72	98.82	2.72	≤ 3.00	Pass
11ac-VHT20	6.5	120	5600	2.52	98.82	2.52	≤ 3.00	Pass
11ac-VHT20	6.5	140	5700	2.69	98.82	2.69	≤ 3.00	Pass
11ac-VHT20	6.5	144	5720	2.53	98.82	2.53	≤ 3.00	Pass
11ac-VHT40	13.5	54	5270	0.00	97.40	0.11	≤ 3.00	Pass
11ac-VHT40	13.5	62	5310	-0.02	97.40	0.10	≤ 3.00	Pass
11ac-VHT40	13.5	102	5510	0.27	97.40	0.38	≤ 3.00	Pass
11ac-VHT40	13.5	110	5550	0.47	97.40	0.58	≤ 3.00	Pass
11ac-VHT40	13.5	118	5590	0.62	97.40	0.74	≤ 3.00	Pass

11ac-VHT40	13.5	134	5670	0.94	97.40	1.05	≤ 3.00	Pass
11ac-VHT40	13.5	142	5710	1.29	97.40	1.40	≤ 3.00	Pass
11ac-VHT80	29.3	58	5290	-3.78	94.30	-3.52	≤ 3.00	Pass
11ac-VHT80	29.3	106	5530	-2.59	94.30	-2.34	≤ 3.00	Pass
11ac-VHT80	29.3	122	5610	-2.97	94.30	-2.72	≤ 3.00	Pass
11ac-VHT80	29.3	138	5690	-2.31	94.30	-2.05	≤ 3.00	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	2.64	97.18	2.76	≤ 3.00	Pass
11a	6	60	5300	2.59	97.18	2.71	≤ 3.00	Pass
11a	6	64	5320	2.52	97.18	2.64	≤ 3.00	Pass
11a	6	100	5500	2.42	97.18	2.54	≤ 3.00	Pass
11a	6	116	5580	2.66	97.18	2.78	≤ 3.00	Pass
11a	6	120	5600	2.30	97.18	2.42	≤ 3.00	Pass
11a	6	140	5700	2.58	97.18	2.70	≤ 3.00	Pass
11n-HT20	6.5	52	5260	2.56	98.81	2.56	≤ 3.00	Pass
11n-HT20	6.5	60	5300	2.56	98.81	2.56	≤ 3.00	Pass
11n-HT20	6.5	64	5320	2.43	98.81	2.43	≤ 3.00	Pass
11n-HT20	6.5	100	5500	2.49	98.81	2.49	≤ 3.00	Pass
11n-HT20	6.5	116	5580	2.64	98.81	2.64	≤ 3.00	Pass
11n-HT20	6.5	120	5600	2.44	98.81	2.44	≤ 3.00	Pass
11n-HT20	6.5	140	5700	2.44	98.81	2.44	≤ 3.00	Pass
11n-HT40	13.5	54	5270	0.28	97.55	0.39	≤ 3.00	Pass
11n-HT40	13.5	62	5310	0.05	97.55	0.16	≤ 3.00	Pass
11n-HT40	13.5	102	5510	0.65	97.55	0.76	≤ 3.00	Pass
11n-HT40	13.5	110	5550	1.28	97.55	1.39	≤ 3.00	Pass
11n-HT40	13.5	118	5590	0.84	97.55	0.95	≤ 3.00	Pass
11n-HT40	13.5	134	5670	0.70	97.55	0.81	≤ 3.00	Pass
11ac-VHT20	6.5	52	5260	2.50	98.82	2.50	≤ 3.00	Pass
11ac-VHT20	6.5	60	5300	2.53	98.82	2.53	≤ 3.00	Pass
11ac-VHT20	6.5	64	5320	2.43	98.82	2.43	≤ 3.00	Pass
11ac-VHT20	6.5	100	5500	2.49	98.82	2.49	≤ 3.00	Pass
11ac-VHT20	6.5	116	5580	2.66	98.82	2.66	≤ 3.00	Pass
11ac-VHT20	6.5	120	5600	2.44	98.82	2.44	≤ 3.00	Pass
11ac-VHT20	6.5	140	5700	2.64	98.82	2.64	≤ 3.00	Pass
11ac-VHT20	6.5	144	5720	2.42	98.82	2.42	≤ 3.00	Pass
11ac-VHT40	13.5	54	5270	-0.01	97.40	0.10	≤ 3.00	Pass
11ac-VHT40	13.5	62	5310	0.07	97.40	0.18	≤ 3.00	Pass
11ac-VHT40	13.5	102	5510	0.73	97.40	0.84	≤ 3.00	Pass
11ac-VHT40	13.5	110	5550	1.33	97.40	1.44	≤ 3.00	Pass
11ac-VHT40	13.5	118	5590	0.63	97.40	0.74	≤ 3.00	Pass

11ac-VHT40	13.5	134	5670	0.55	97.40	0.66	≤ 3.00	Pass
11ac-VHT40	13.5	142	5710	0.77	97.40	0.88	≤ 3.00	Pass
11ac-VHT80	29.3	58	5290	-3.49	94.30	-3.24	≤ 3.00	Pass
11ac-VHT80	29.3	106	5530	-2.74	94.30	-2.49	≤ 3.00	Pass
11ac-VHT80	29.3	122	5610	-2.77	94.30	-2.52	≤ 3.00	Pass
11ac-VHT80	29.3	138	5690	-2.00	94.30	-1.75	≤ 3.00	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	2.48	97.18	2.60	≤ 3.00	Pass
11a	6	60	5300	2.65	97.18	2.77	≤ 3.00	Pass
11a	6	64	5320	2.37	97.18	2.49	≤ 3.00	Pass
11a	6	100	5500	2.47	97.18	2.59	≤ 3.00	Pass
11a	6	116	5580	2.60	97.18	2.72	≤ 3.00	Pass
11a	6	120	5600	2.54	97.18	2.66	≤ 3.00	Pass
11a	6	140	5700	2.70	97.18	2.82	≤ 3.00	Pass
11n-HT20	6.5	52	5260	2.65	98.81	2.65	≤ 3.00	Pass
11n-HT20	6.5	60	5300	2.53	98.81	2.53	≤ 3.00	Pass
11n-HT20	6.5	64	5320	2.31	98.81	2.31	≤ 3.00	Pass
11n-HT20	6.5	100	5500	2.42	98.81	2.42	≤ 3.00	Pass
11n-HT20	6.5	116	5580	2.69	98.81	2.69	≤ 3.00	Pass
11n-HT20	6.5	120	5600	2.49	98.81	2.49	≤ 3.00	Pass
11n-HT20	6.5	140	5700	2.50	98.81	2.50	≤ 3.00	Pass
11n-HT40	13.5	54	5270	-0.44	97.55	-0.33	≤ 3.00	Pass
11n-HT40	13.5	62	5310	-0.02	97.55	0.09	≤ 3.00	Pass
11n-HT40	13.5	102	5510	0.46	97.55	0.57	≤ 3.00	Pass
11n-HT40	13.5	110	5550	0.78	97.55	0.89	≤ 3.00	Pass
11n-HT40	13.5	118	5590	0.95	97.55	1.06	≤ 3.00	Pass
11n-HT40	13.5	134	5670	1.18	97.55	1.29	≤ 3.00	Pass
11ac-VHT20	6.5	52	5260	2.65	98.82	2.65	≤ 3.00	Pass
11ac-VHT20	6.5	60	5300	2.49	98.82	2.49	≤ 3.00	Pass
11ac-VHT20	6.5	64	5320	2.46	98.82	2.46	≤ 3.00	Pass
11ac-VHT20	6.5	100	5500	2.64	98.82	2.64	≤ 3.00	Pass
11ac-VHT20	6.5	116	5580	2.72	98.82	2.72	≤ 3.00	Pass
11ac-VHT20	6.5	120	5600	2.41	98.82	2.41	≤ 3.00	Pass
11ac-VHT20	6.5	140	5700	2.53	98.82	2.53	≤ 3.00	Pass
11ac-VHT20	6.5	144	5720	2.57	98.82	2.57	≤ 3.00	Pass
11ac-VHT40	13.5	54	5270	-0.50	97.40	-0.39	≤ 3.00	Pass
11ac-VHT40	13.5	62	5310	-0.13	97.40	-0.02	≤ 3.00	Pass
11ac-VHT40	13.5	102	5510	0.52	97.40	0.63	≤ 3.00	Pass
11ac-VHT40	13.5	110	5550	0.72	97.40	0.83	≤ 3.00	Pass
11ac-VHT40	13.5	118	5590	1.03	97.40	1.14	≤ 3.00	Pass

11ac-VHT40	13.5	134	5670	0.86	97.40	0.97	≤ 3.00	Pass
11ac-VHT40	13.5	142	5710	0.40	97.40	0.51	≤ 3.00	Pass
11ac-VHT80	29.3	58	5290	-3.93	94.30	-3.68	≤ 3.00	Pass
11ac-VHT80	29.3	106	5530	-2.68	94.30	-2.43	≤ 3.00	Pass
11ac-VHT80	29.3	122	5610	-2.14	94.30	-1.89	≤ 3.00	Pass
11ac-VHT80	29.3	138	5690	-1.99	94.30	-1.74	≤ 3.00	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	2.59	2.07	1.93	1.69	97.18	2.71	≤ 3.00	Pass
11a	6	60	5300	2.63	2.59	2.14	1.85	97.18	2.75	≤ 3.00	Pass
11a	6	64	5320	2.76	2.41	2.42	1.96	97.18	2.88	≤ 3.00	Pass
11a	6	100	5500	2.66	2.35	2.35	1.59	97.18	2.78	≤ 3.00	Pass
11a	6	116	5580	2.64	2.36	1.78	2.19	97.18	2.76	≤ 3.00	Pass
11a	6	120	5600	2.58	2.23	1.80	2.38	97.18	2.58	≤ 3.00	Pass
11a	6	140	5700	2.72	2.40	2.34	2.52	97.18	2.72	≤ 3.00	Pass
11n-HT20	26	52	5260	2.74	2.60	2.29	1.65	98.81	2.74	≤ 3.00	Pass
11n-HT20	26	60	5300	2.72	2.47	2.43	1.99	98.81	2.72	≤ 3.00	Pass
11n-HT20	26	64	5320	2.55	2.09	2.42	1.68	98.81	2.55	≤ 3.00	Pass
11n-HT20	26	100	5500	2.62	2.03	2.02	1.96	98.81	2.62	≤ 3.00	Pass
11n-HT20	26	116	5580	2.67	2.61	2.21	2.17	98.81	2.67	≤ 3.00	Pass
11n-HT20	26	120	5600	2.69	2.62	2.32	2.29	98.81	2.69	≤ 3.00	Pass
11n-HT20	26	140	5700	2.52	2.08	2.02	2.38	98.81	2.52	≤ 3.00	Pass
11n-HT40	54	54	5270	-0.31	-1.00	-0.91	-0.86	97.55	-0.20	≤ 3.00	Pass
11n-HT40	54	62	5310	0.18	-0.34	-0.68	-1.24	97.55	0.29	≤ 3.00	Pass
11n-HT40	54	102	5510	0.04	0.02	-0.46	-0.30	97.55	0.15	≤ 3.00	Pass
11n-HT40	54	110	5550	1.67	1.25	0.83	0.83	97.55	1.78	≤ 3.00	Pass
11n-HT40	54	118	5590	1.97	1.80	1.29	1.51	97.55	2.08	≤ 3.00	Pass
11n-HT40	54	134	5670	2.03	1.82	1.33	1.57	97.55	2.14	≤ 3.00	Pass
11ac-VHT20	26	52	5260	2.66	2.41	2.11	1.50	98.82	2.66	≤ 3.00	Pass
11ac-VHT20	26	60	5300	2.68	2.38	2.38	2.11	98.82	2.68	≤ 3.00	Pass
11ac-VHT20	26	64	5320	2.61	2.06	2.14	1.99	98.82	2.61	≤ 3.00	Pass
11ac-VHT20	26	100	5500	2.67	2.30	1.85	1.77	98.82	2.67	≤ 3.00	Pass
11ac-VHT20	26	116	5580	2.62	2.56	2.05	2.45	98.82	2.62	≤ 3.00	Pass
11ac-VHT20	26	120	5600	2.63	2.38	1.98	2.43	98.82	2.63	≤ 3.00	Pass
11ac-VHT20	26	140	5700	2.47	2.00	2.20	1.99	98.82	2.47	≤ 3.00	Pass
11ac-VHT20	26	144	5720	2.56	1.75	1.83	1.96	98.82	2.56	≤ 3.00	Pass
11ac-VHT40	54	54	5270	-0.30	-0.90	-0.76	-1.33	97.40	-0.19	≤ 3.00	Pass
11ac-VHT40	54	62	5310	0.03	-0.27	-0.55	-1.24	97.40	0.14	≤ 3.00	Pass
11ac-VHT40	54	102	5510	0.01	0.13	-0.61	-0.22	97.40	0.24	≤ 3.00	Pass
11ac-VHT40	54	110	5550	1.58	1.02	0.54	0.68	97.40	1.69	≤ 3.00	Pass
11ac-VHT40	54	118	5590	1.86	1.77	1.05	1.24	97.40	1.97	≤ 3.00	Pass

11ac-VHT40	54	134	5670	1.96	1.99	1.13	1.49	97.40	2.10	≤ 3.00	Pass
11ac-VHT40	54	142	5710	1.69	1.36	1.07	1.34	97.40	1.69	≤ 3.00	Pass
11ac-VHT80	117.2	58	5290	-3.53	-3.67	-3.84	-4.59	94.30	-3.28	≤ 3.00	Pass
11ac-VHT80	117.2	106	5530	-2.48	-2.93	-3.00	-3.27	94.30	-2.23	≤ 3.00	Pass
11ac-VHT80	117.2	122	5610	-1.90	-2.11	-2.86	-2.13	94.30	-1.65	≤ 3.00	Pass
11ac-VHT80	117.2	138	5690	-2.23	-2.62	-2.70	-2.75	94.30	-1.98	≤ 3.00	Pass

Note:

The result of the Max Total PSD has been selected the max PSD from each antenna.

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 802.11ac-VHT 80 + 80 Mode Test Data

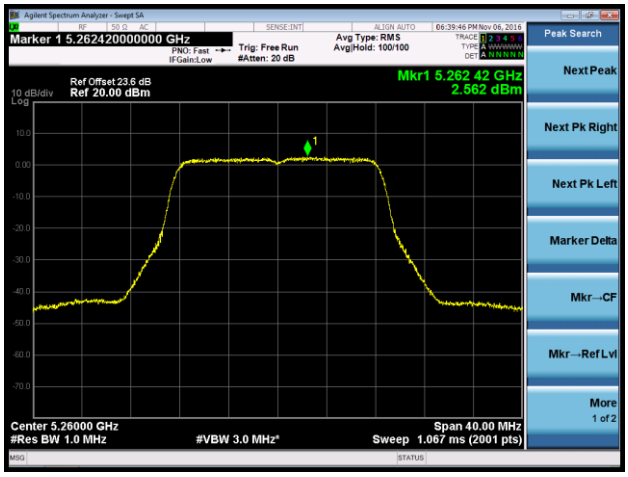
Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ MHz)	Ant 1 PSD (dBm/ MHz)	Ant 2 PSD (dBm/ MHz)	Ant 3 PSD (dBm/ MHz)	Duty Cycle (%)	Constant Factor	Total PSD (dBm/ MHz)	PSD Limit (dBm/ MHz)	Result
11ac-VHT	58.6	42	5210	-2.33	-3.07	--	--	94.30	--	-2.08	≤ 9.00	Pass
80+80	58.6	58	5290	--	--	-3.78	-3.90	94.30	--	-3.53	≤ 3.00	Pass
11ac-VHT	58.6	42	5210	-0.52	-1.10	--	--	94.30	--	-0.27	≤ 9.00	Pass
80+80	58.6	106	5530	--	--	-1.88	-1.45	94.30	--	-1.20	≤ 3.00	Pass
11ac-VHT	58.6	42	5210	-0.76	-1.45	--	--	94.30	--	-0.51	≤ 9.00	Pass
80+80	58.6	122	5610	--	--	-1.92	-1.86	94.30	--	-1.61	≤ 3.00	Pass
11ac-VHT	58.6	42	5210	-0.53	-1.25	--	--	94.30	--	-0.28	≤ 9.00	Pass
80+80	58.6	138	5690	--	--	-1.76	-1.62	94.30	--	-1.37	≤ 3.00	Pass
11ac-VHT	58.6	58	5290	-3.14	-3.79	--	--	94.30	--	-2.89	≤ 3.00	Pass
80+80	58.6	106	5530	--	--	-4.30	-4.07	94.30	--	-3.82	≤ 3.00	Pass
11ac-VHT	58.6	58	5290	-3.17	-4.04	--	--	94.30	--	-2.92	≤ 3.00	Pass
80+80	58.6	122	5610	--	--	-4.36	-4.22	94.30	--	-3.97	≤ 3.00	Pass
11ac-VHT	58.6	58	5290	-3.08	-3.73	--	--	94.30	--	-2.83	≤ 3.00	Pass
80+80	58.6	138	5690	--	--	-3.83	-4.25	94.30	--	-3.58	≤ 3.00	Pass
11ac-VHT	58.6	58	5290	-3.06	-3.39	--	--	94.30	--	-2.81	≤ 3.00	Pass
80+80	58.6	155	5775	--	--	-12.95	-13.64	94.30	6.99	-5.71	≤ 22.00	Pass
11ac-VHT	58.6	106	5530	-1.66	-2.26	--	--	94.30	--	-1.41	≤ 3.00	Pass
80+80	58.6	122	5610	--	--	-3.67	-2.97	94.30	--	-2.72	≤ 3.00	Pass
11ac-VHT	58.6	106	5530	-1.90	-2.69	--	--	94.30	--	-1.65	≤ 3.00	Pass
80+80	58.6	138	5690	--	--	-2.76	-2.56	94.30	--	-2.31	≤ 3.00	Pass
11ac-VHT	58.6	106	5530	-1.79	-2.62	--	--	94.30	--	-1.54	≤ 3.00	Pass
80+80	58.6	155	5775	--	--	-11.71	-12.14	94.30	6.99	-4.47	≤ 22.00	Pass
11ac-VHT	58.6	122	5610	-1.94	-2.84	--	--	94.30	--	-1.69	≤ 3.00	Pass
80+80	58.6	138	5690	--	--	-2.37	-2.25	94.30	--	-2.00	≤ 3.00	Pass
11ac-VHT	58.6	122	5610	-2.05	-3.15	--	--	94.30	--	-1.80	≤ 3.00	Pass
80+80	58.6	155	5775	--	--	-10.79	-11.77	94.30	6.99	-3.55	≤ 22.00	Pass
11ac-VHT	58.6	138	5690	-1.78	-2.40	--	--	94.30	--	-1.53	≤ 3.00	Pass
80+80	58.6	155	5775	--	--	-11.37	-11.52	94.30	6.99	-4.13	≤ 22.00	Pass

Note 1: The result of the Max Total PSD has been selected the max PSD from each antenna + Constant Factor

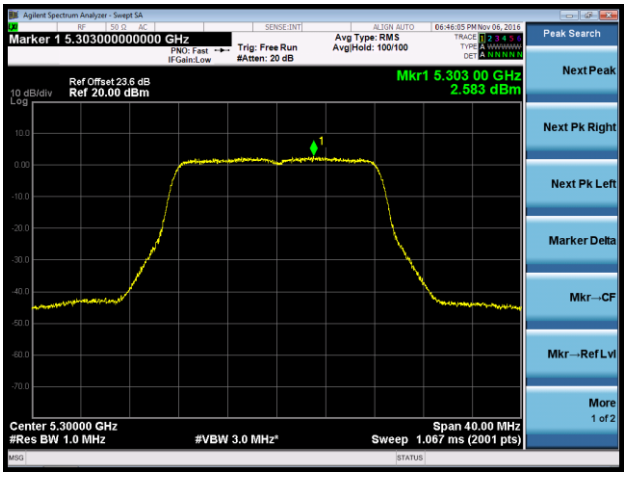
Note 2: Total Max PSD (dBm/MHz) = Ant PSD (dBm/MHz) + 10*log(1/duty cycle) + Constant Factor

802.11a Power Spectral Density - Ant 0

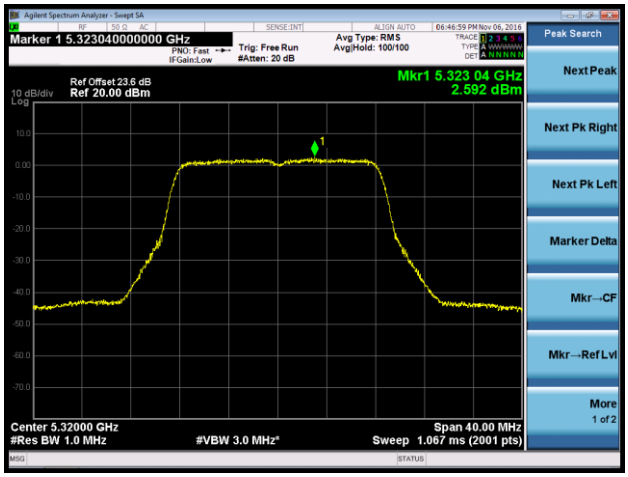
Channel 52 (5260MHz)



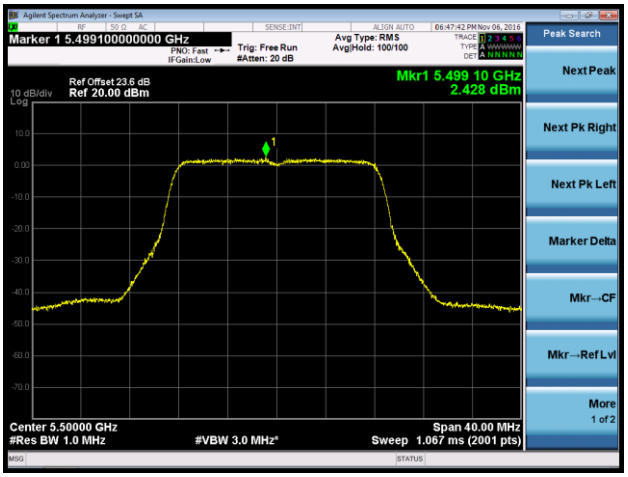
Channel 60 (5300MHz)



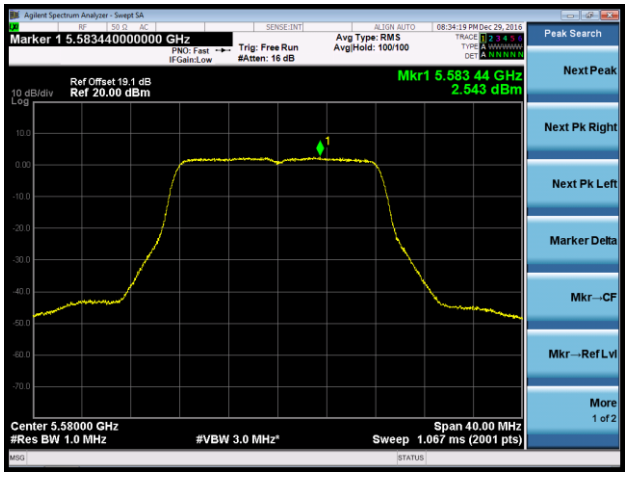
Channel 64 (5320MHz)



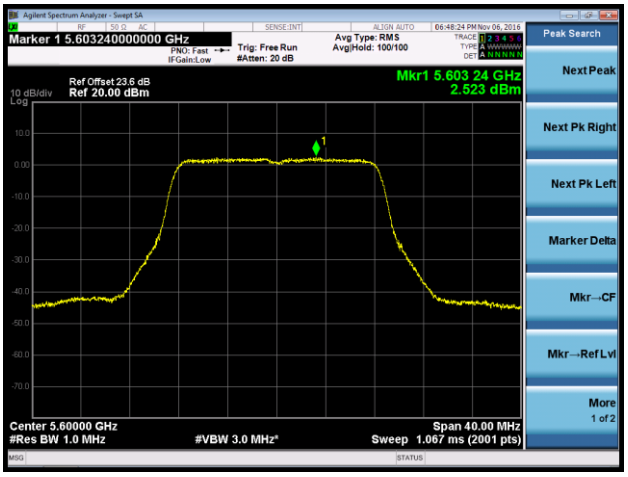
Channel 100 (5500MHz)

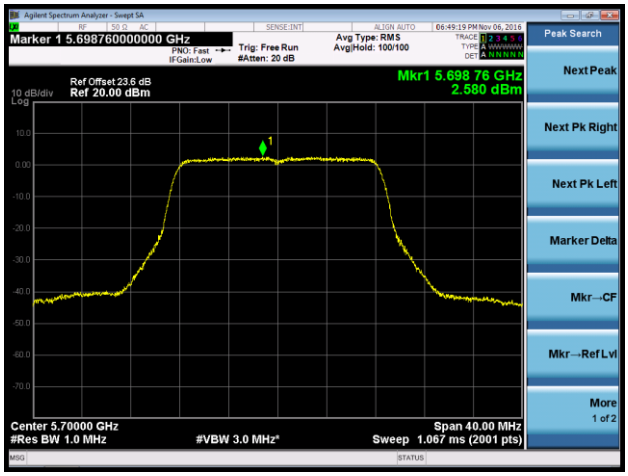


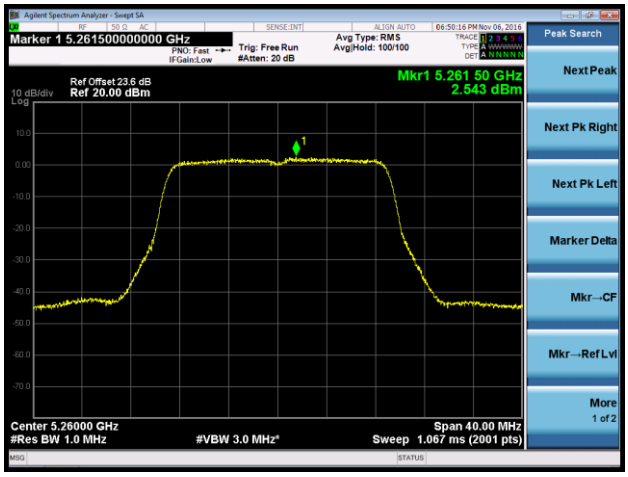
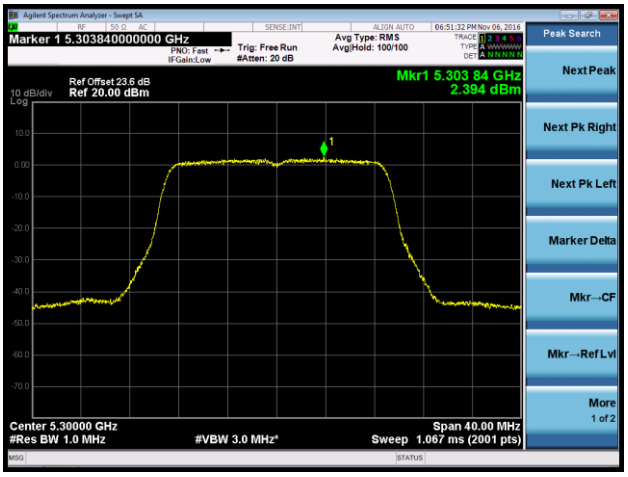
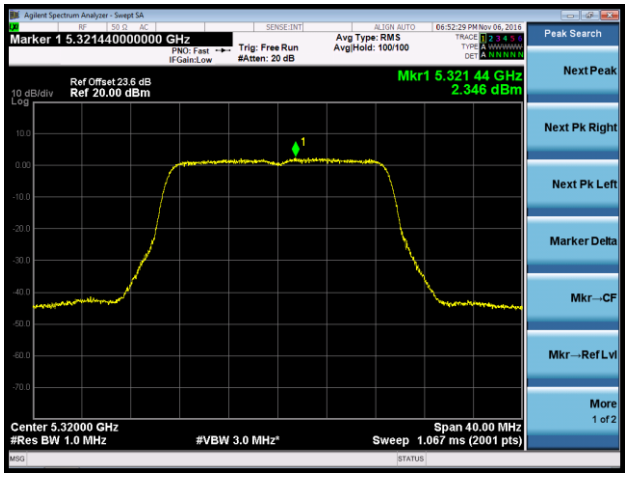
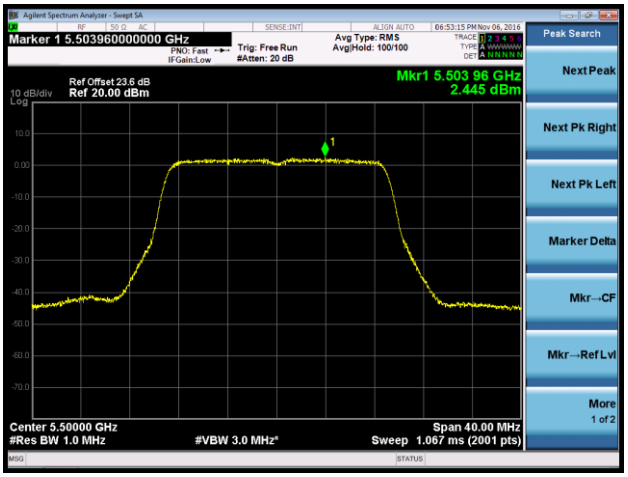
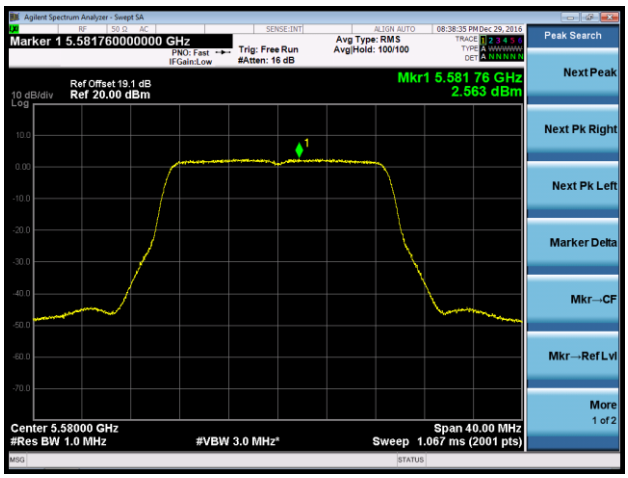
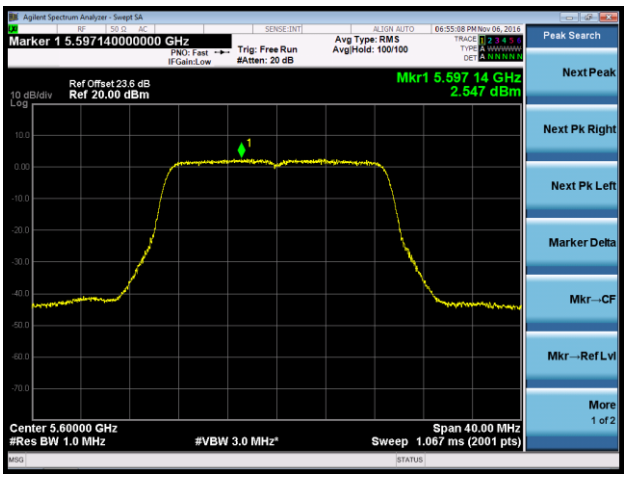
Channel 118 (5580MHz)

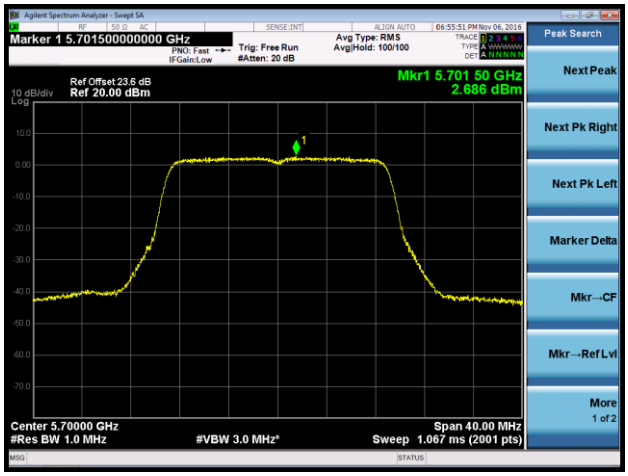


Channel 120 (5600MHz)



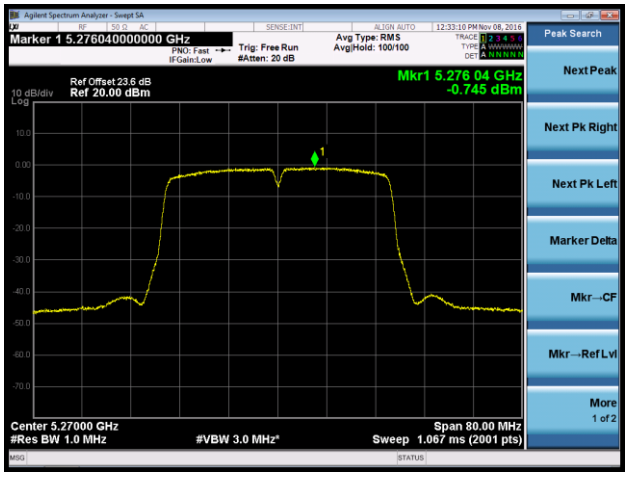
Channel 140 (5700MHz)	
	

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)**
	

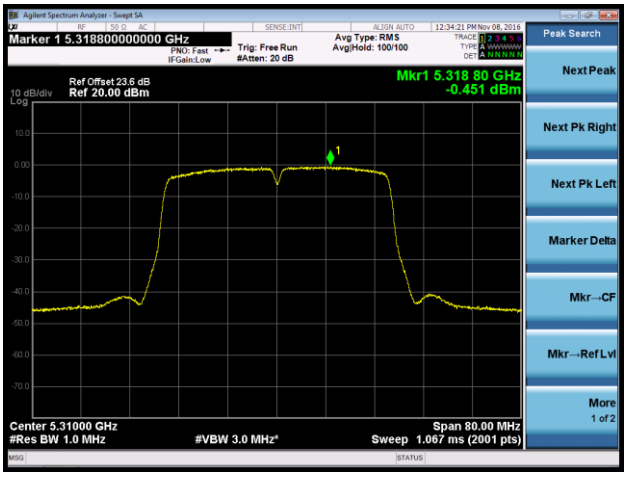
Channel 140 (5700MHz)	
	

802.11n-HT40 Power Spectral Density - Ant 0

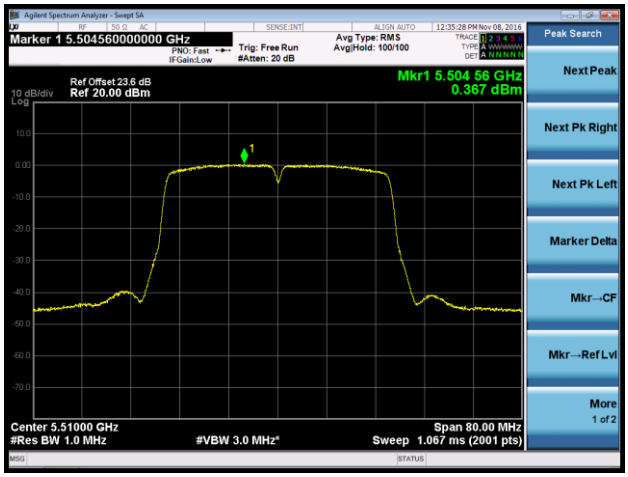
Channel 54 (5270MHz)



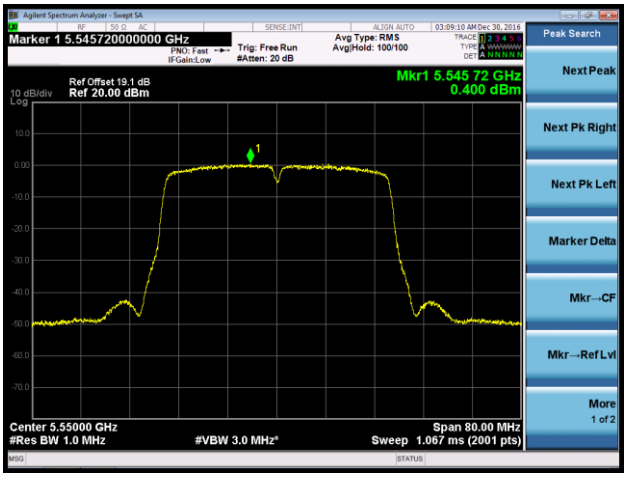
Channel 62 (5310MHz)



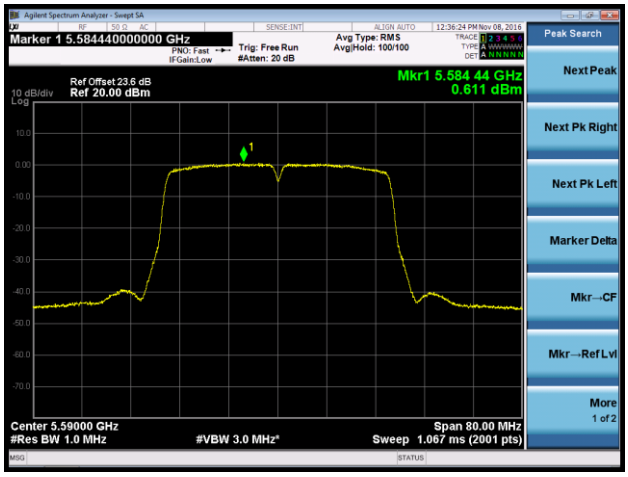
Channel 102 (5510MHz)



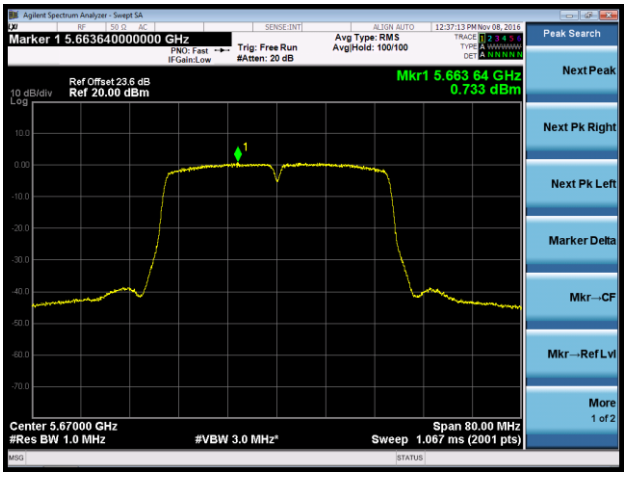
Channel 110 (5550MHz)



Channel 118 (5590MHz)

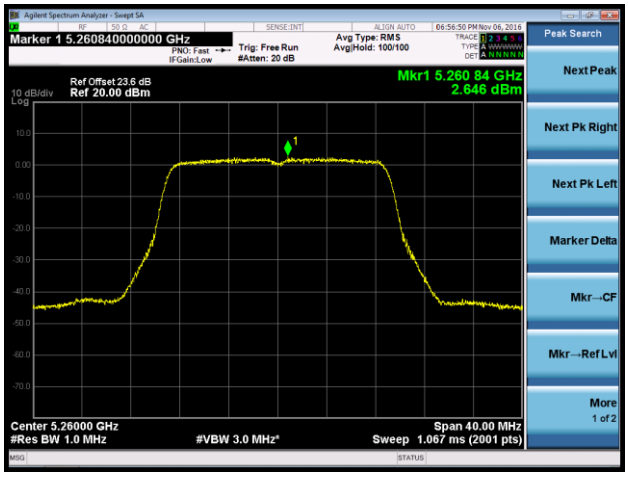


Channel 134 (5670MHz)

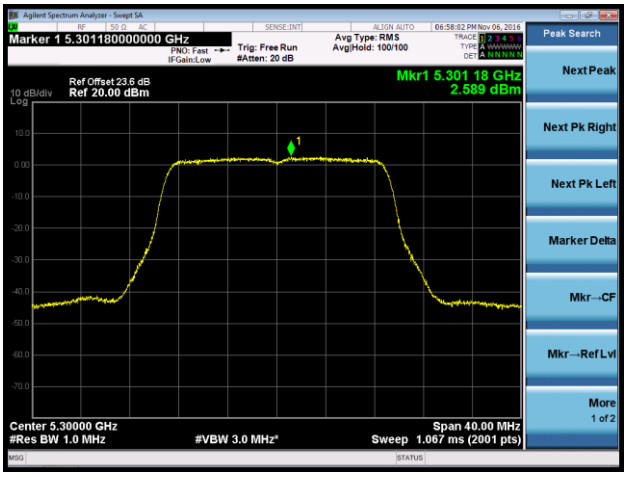


802.11ac-VHT20 Power Spectral Density - Ant 0

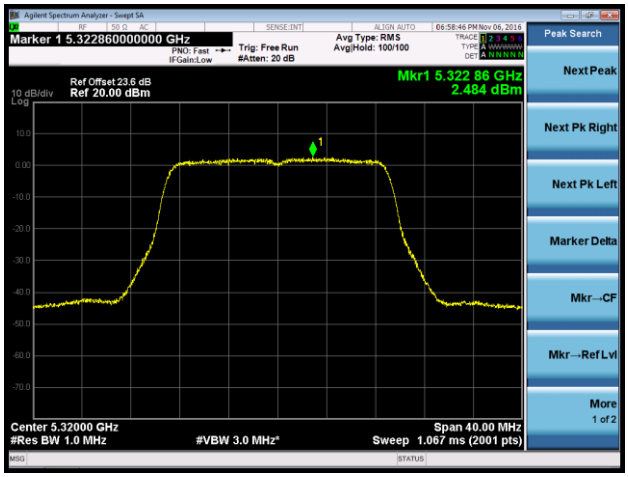
Channel 52 (5260MHz)



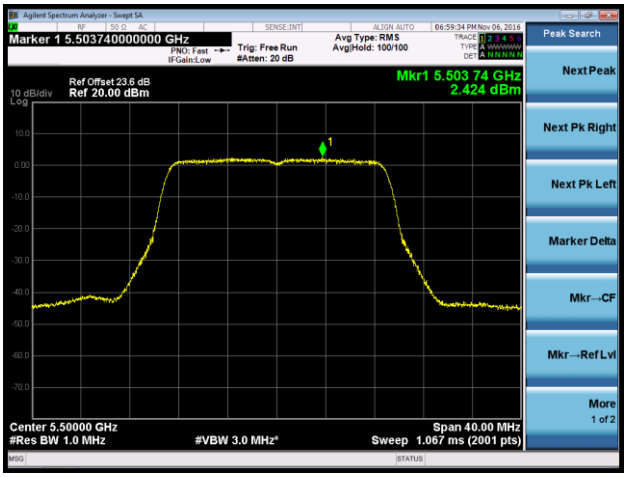
Channel 60 (5300MHz)



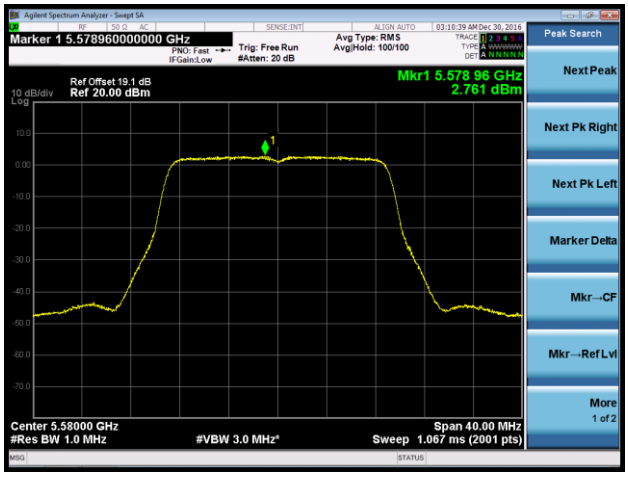
Channel 64 (5320MHz)



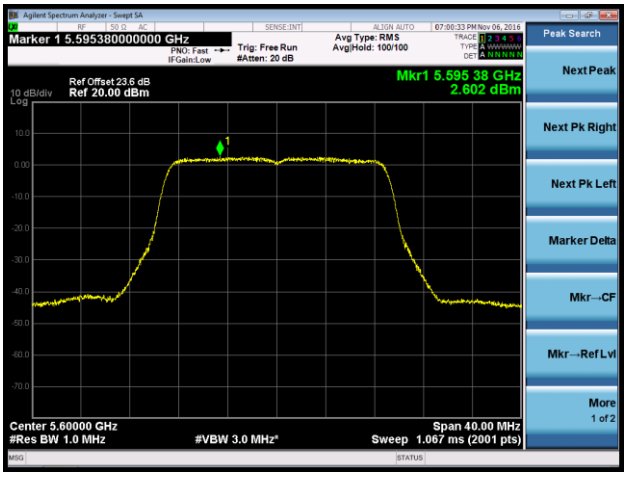
Channel 100 (5500MHz)

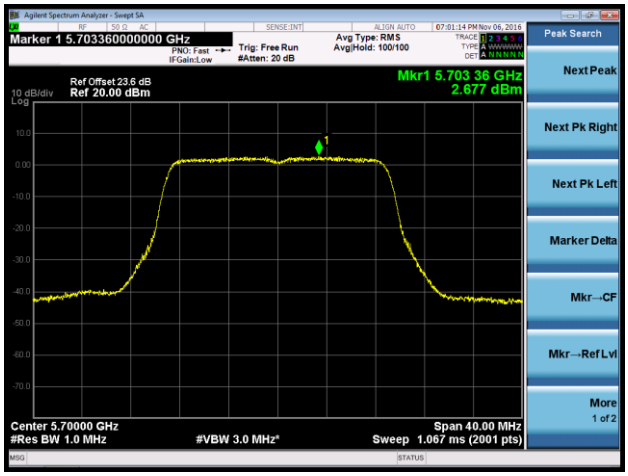
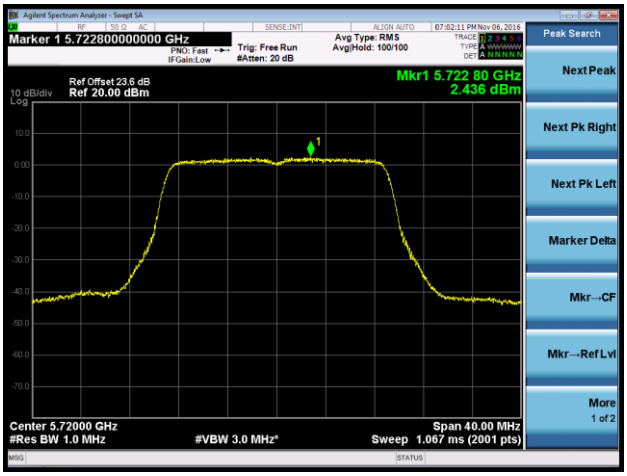


Channel 118 (5580MHz)



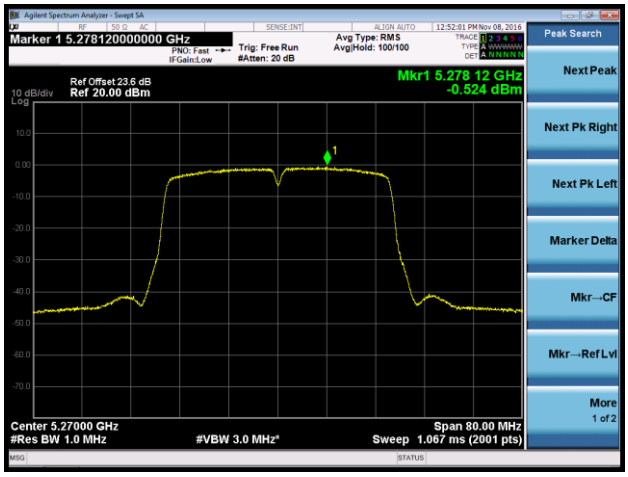
Channel 120 (5600MHz)



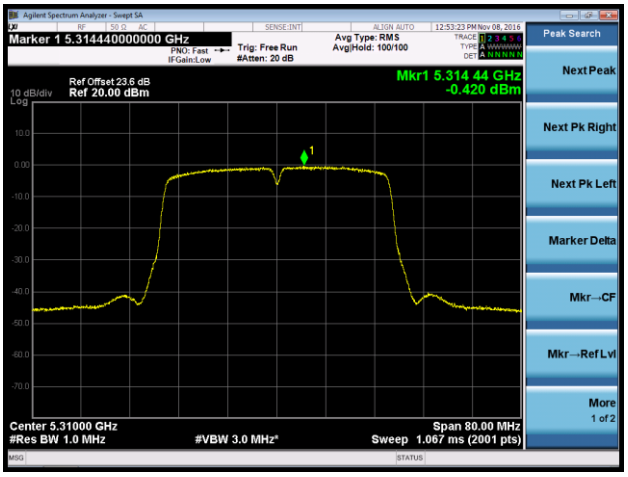
Channel 140 (5700MHz)	Channel 144 (5720MHz)
	

802.11ac-VHT40 Power Spectral Density - Ant 0

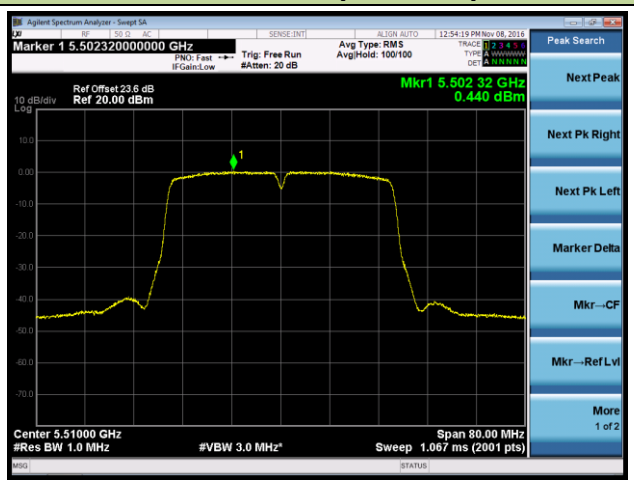
Channel 54 (5270MHz)



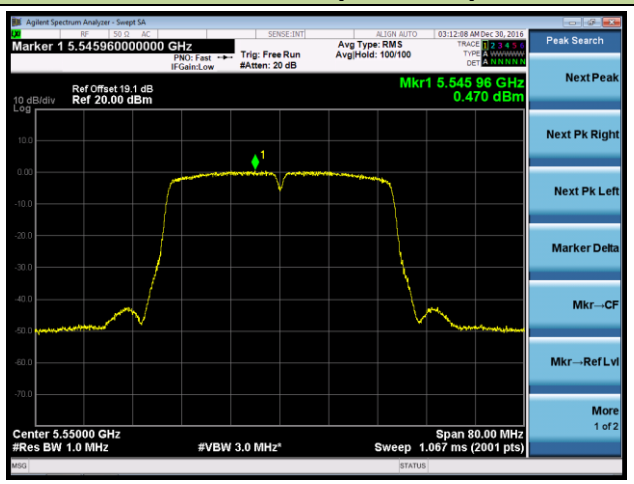
Channel 62 (5310MHz)



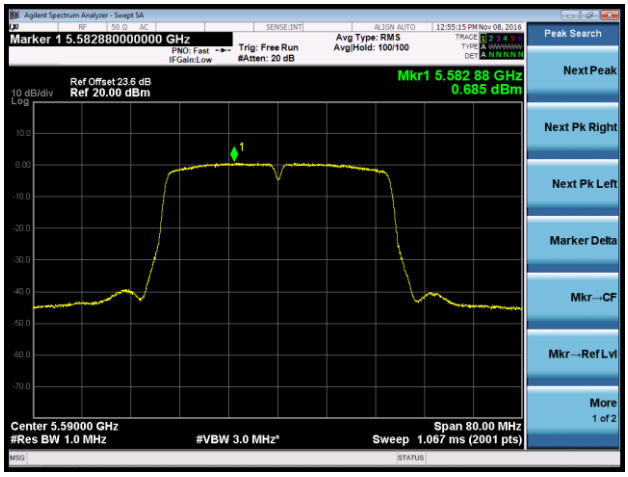
Channel 102 (5510MHz)



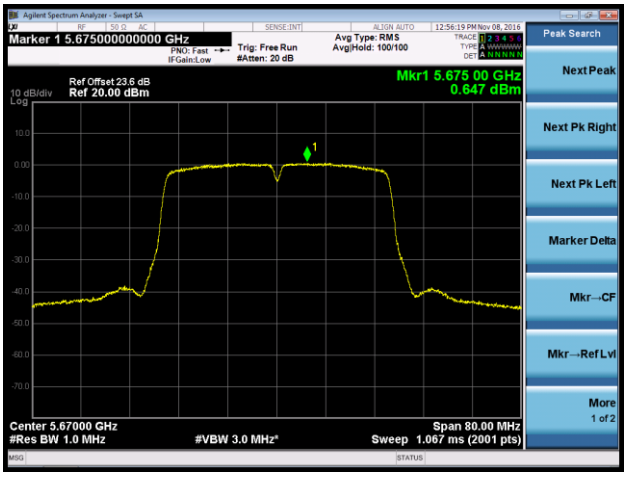
Channel 110 (5550MHz)

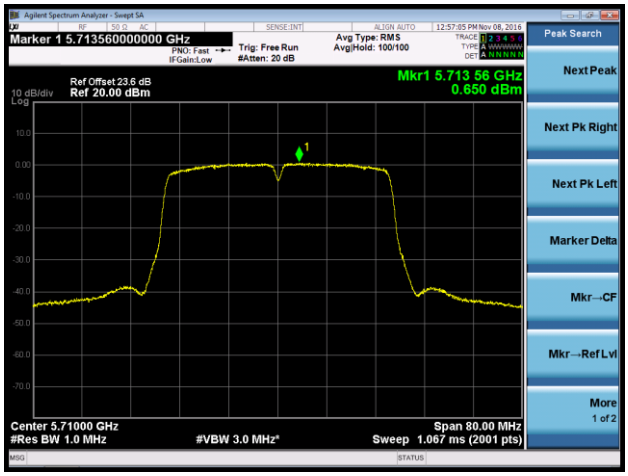


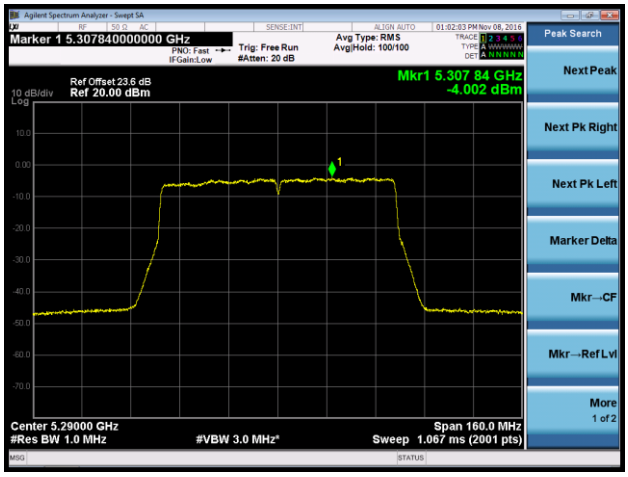
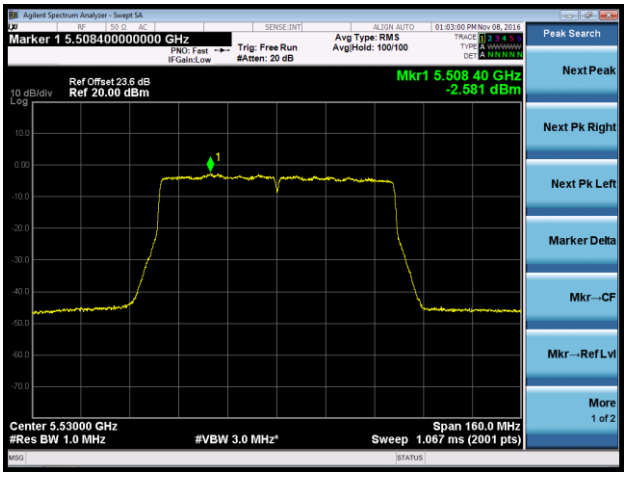
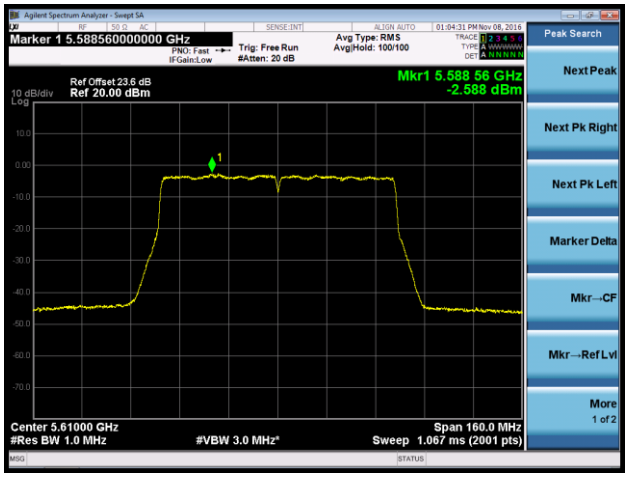
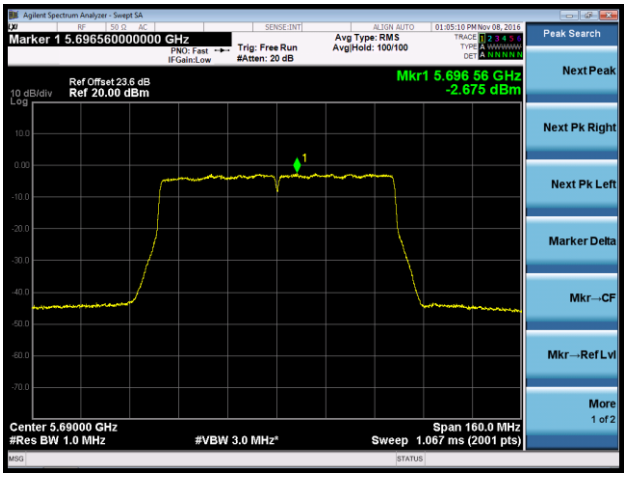
Channel 118 (5590MHz)



Channel 134 (5670MHz)

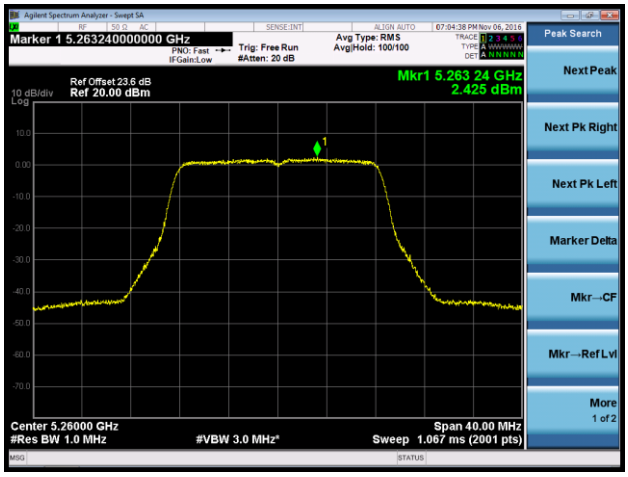


Channel 142 (5710MHz)	
	

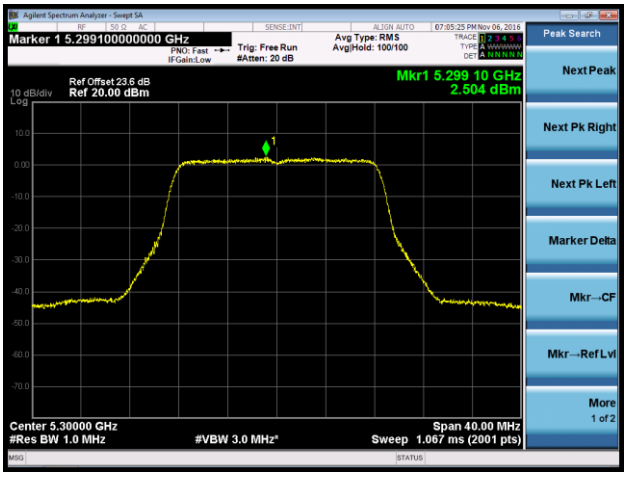
802.11ac-VHT80 Power Spectral Density - Ant 0	
Channel 58 (5290MHz)	**Channel 106 (5530MHz)**
	
Channel 122 (5610MHz)	**Channel 138 (5690MHz)**
	

802.11a Power Spectral Density - Ant 1

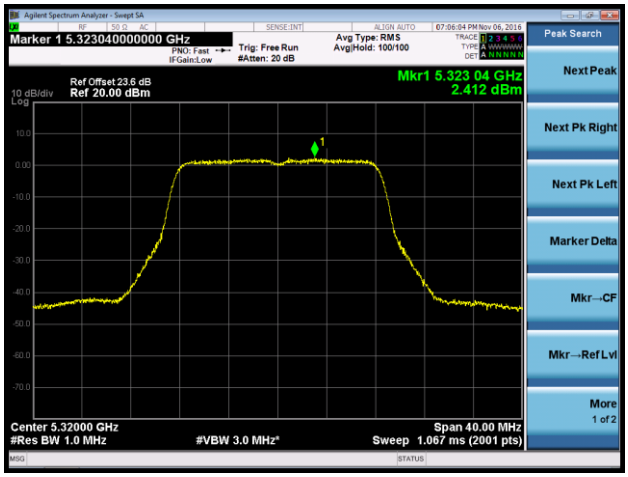
Channel 52 (5260MHz)



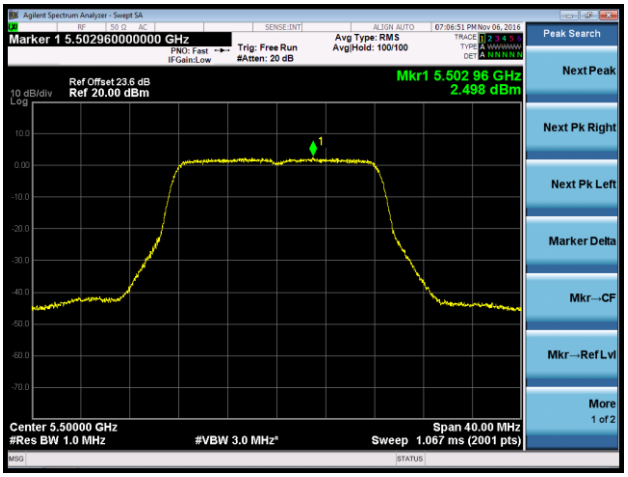
Channel 60 (5300MHz)



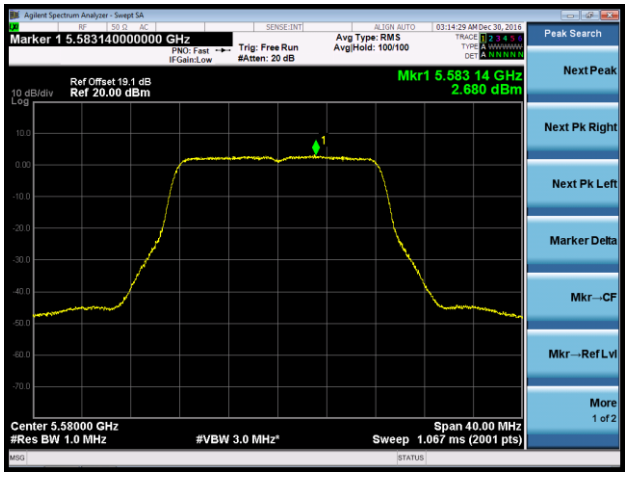
Channel 64 (5320MHz)



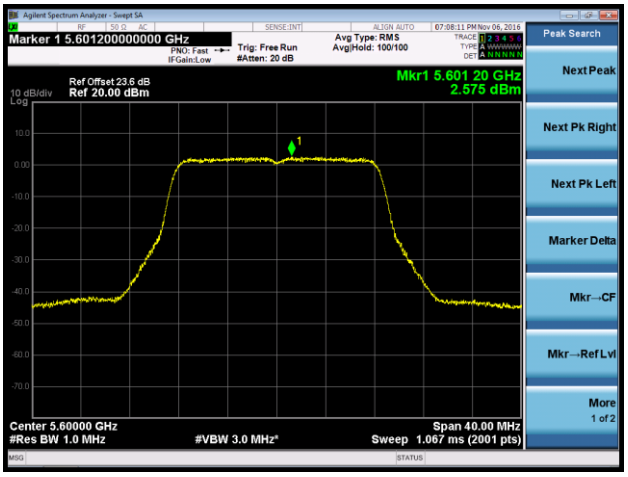
Channel 100 (5500MHz)

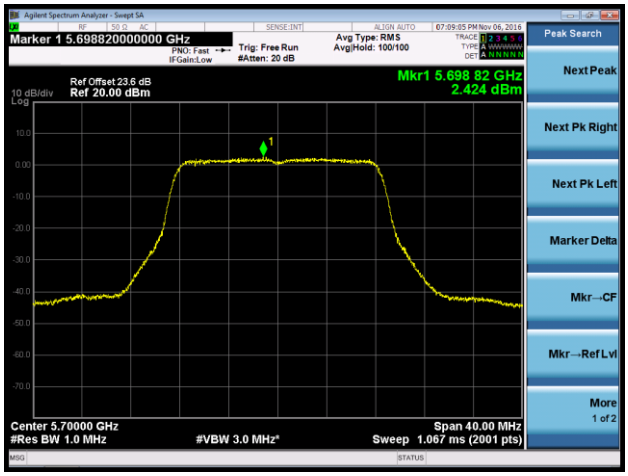


Channel 118 (5580MHz)



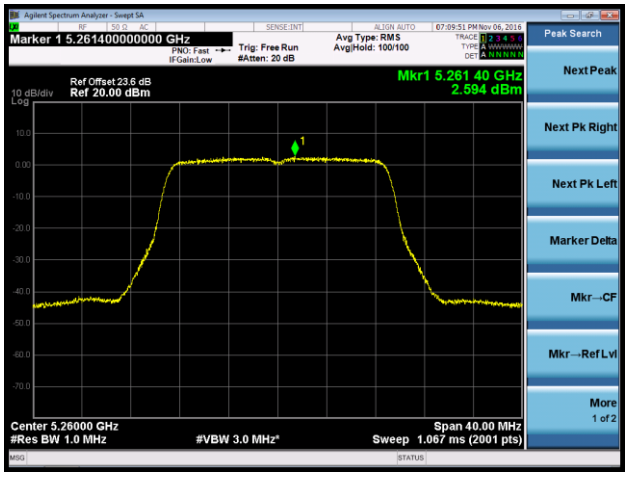
Channel 120 (5600MHz)



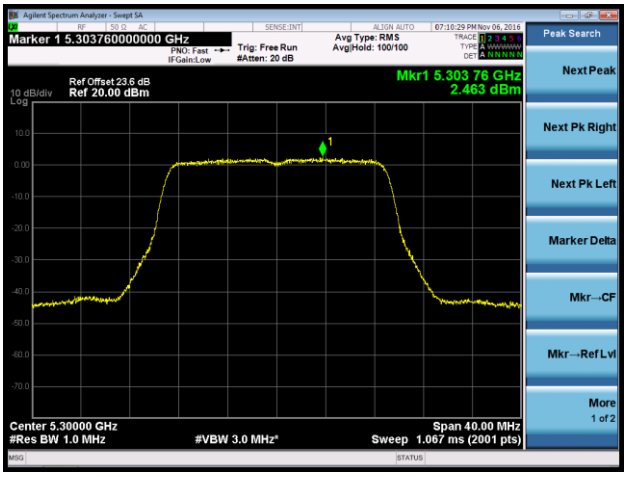
Channel 140 (5700MHz)	
	

802.11n-HT20 Power Spectral Density - Ant 1

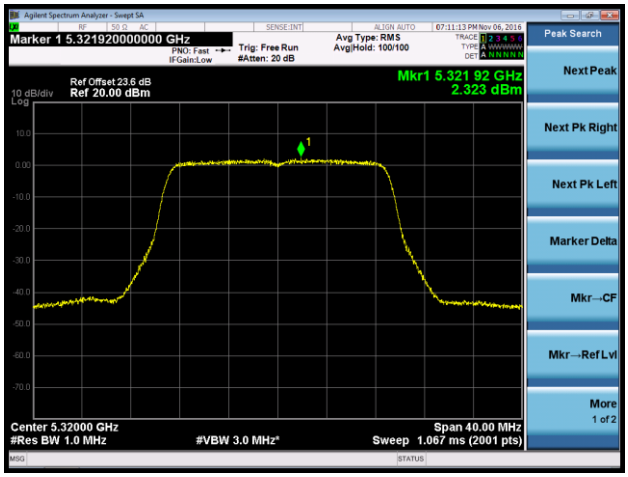
Channel 52 (5260MHz)



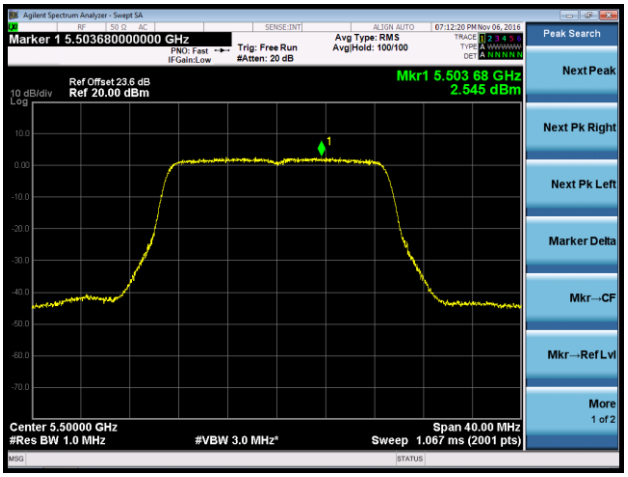
Channel 60 (5300MHz)



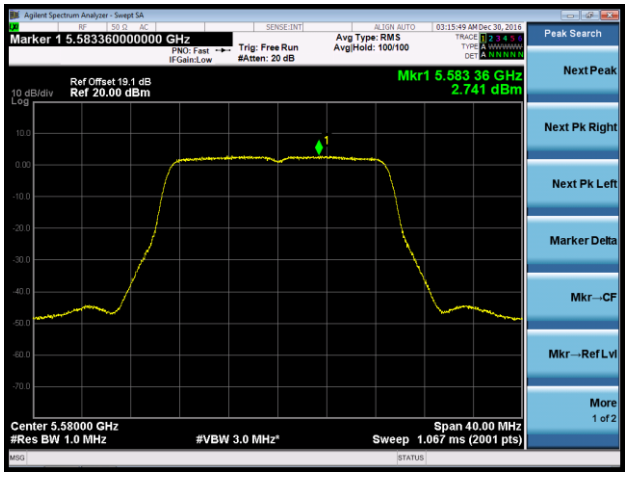
Channel 64 (5320MHz)



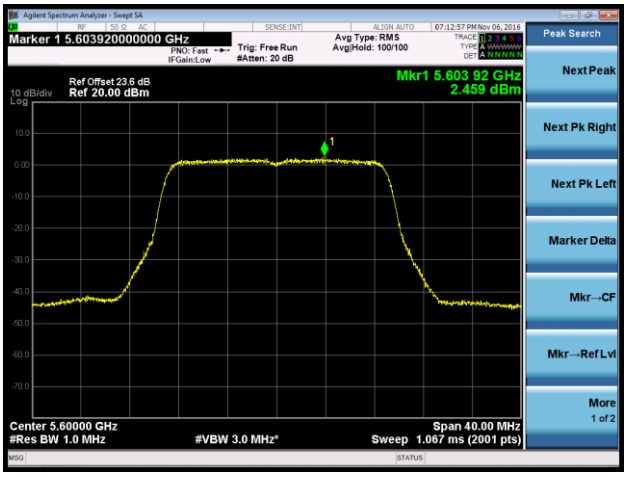
Channel 100 (5500MHz)

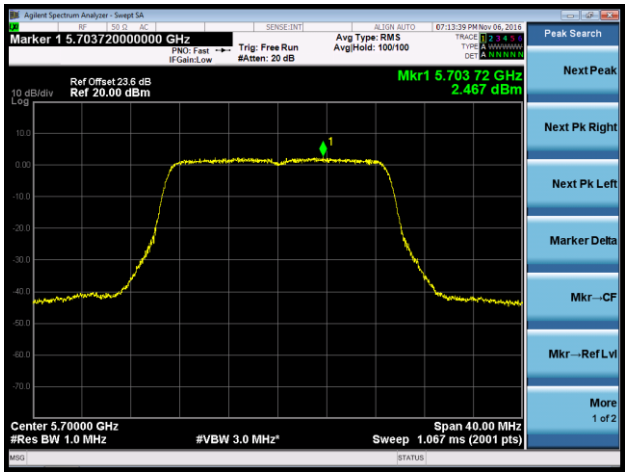


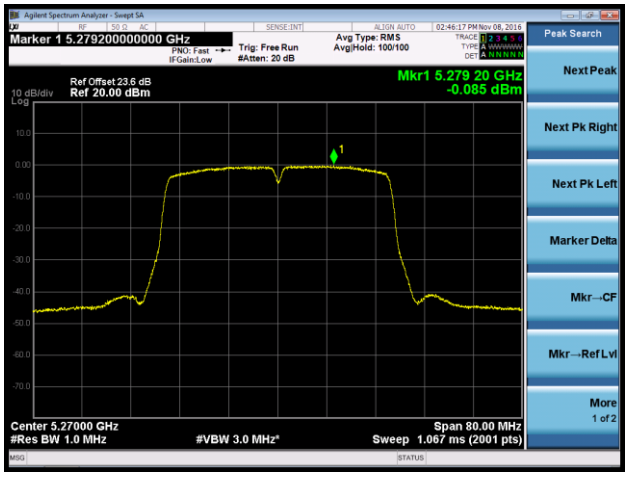
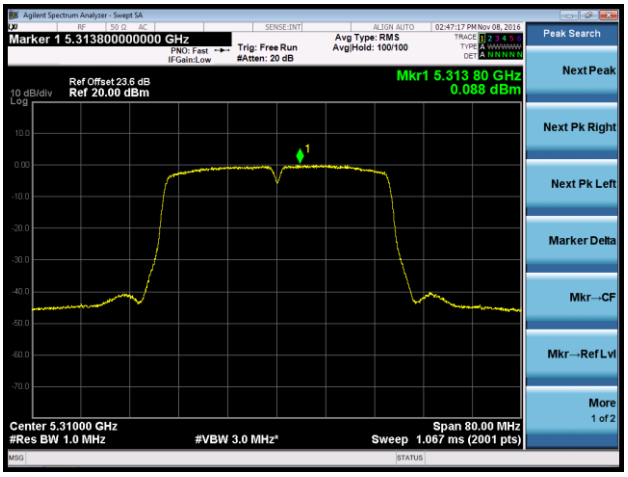
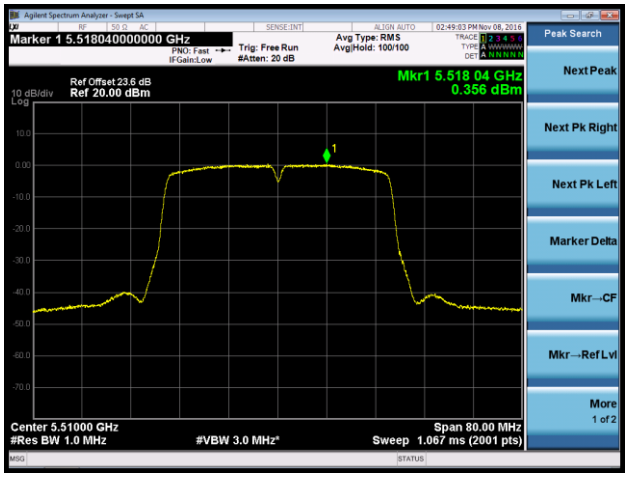
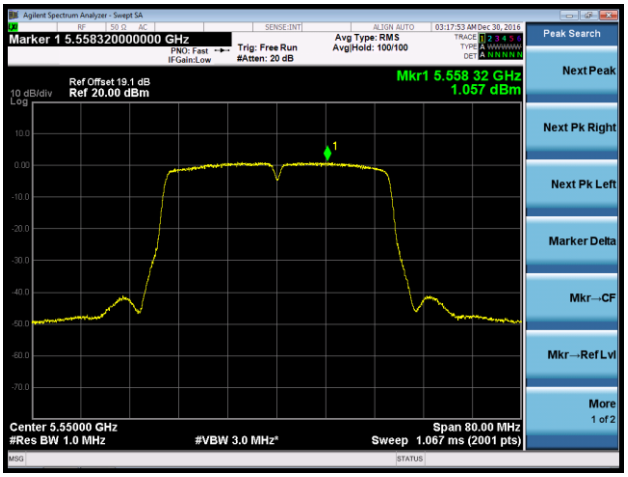
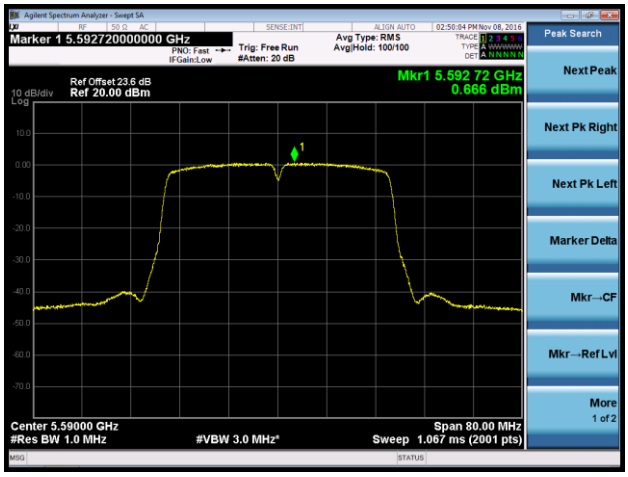
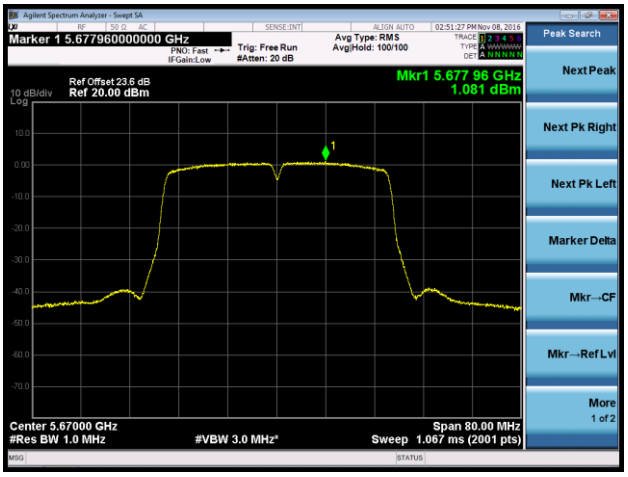
Channel 118 (5580MHz)



Channel 120 (5600MHz)

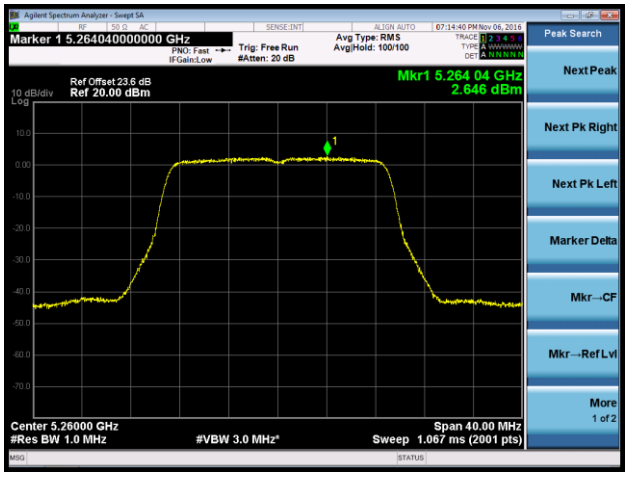


Channel 140 (5700MHz)	
	

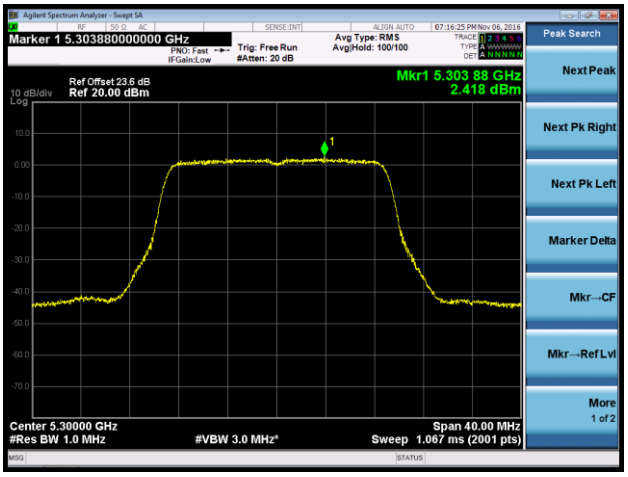
802.11n-HT40 Power Spectral Density - Ant 1	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 118 (5590MHz)	Channel 134 (5670MHz)
	

802.11ac-VHT20 Power Spectral Density - Ant 1

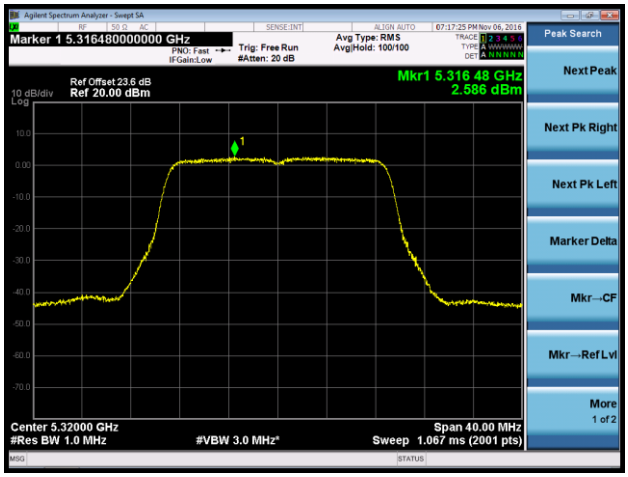
Channel 52 (5260MHz)



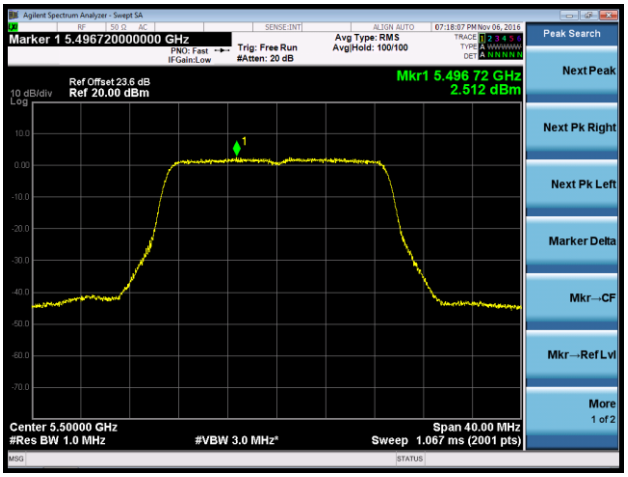
Channel 60 (5300MHz)



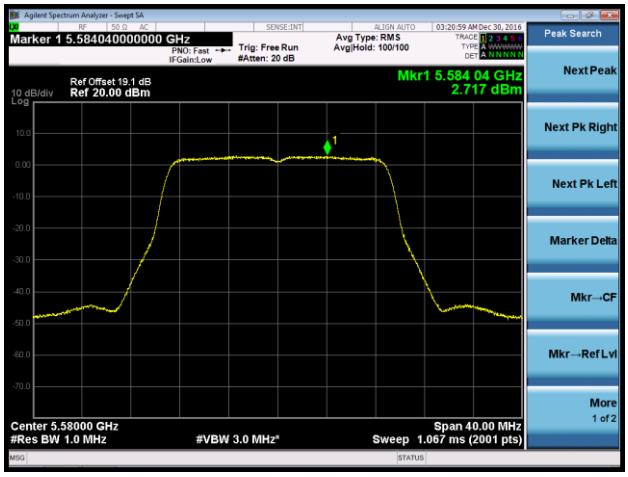
Channel 64 (5320MHz)



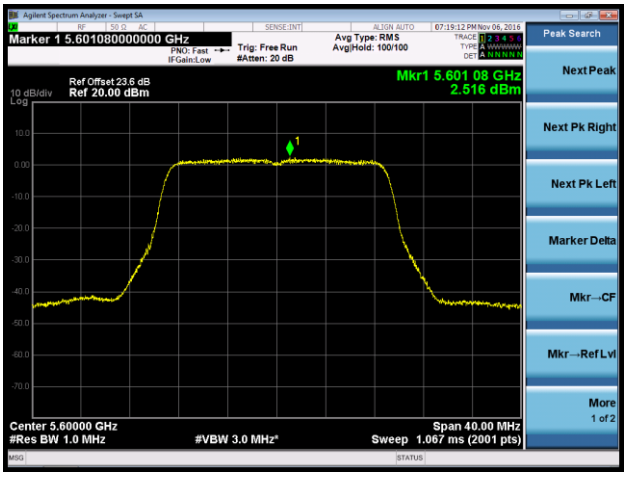
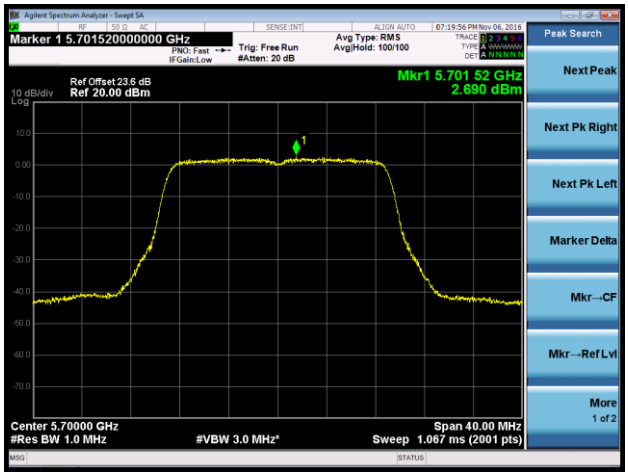
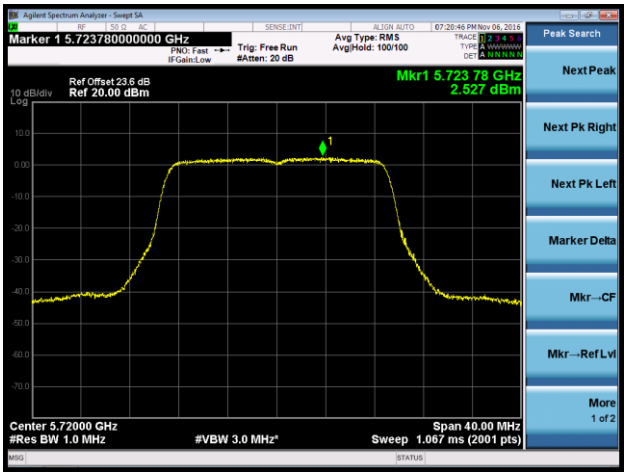
Channel 100 (5500MHz)



Channel 118 (5580MHz)



Channel 120 (5600MHz)



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