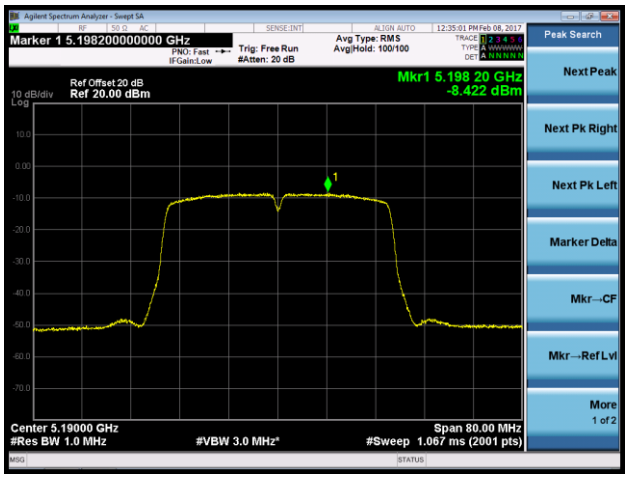
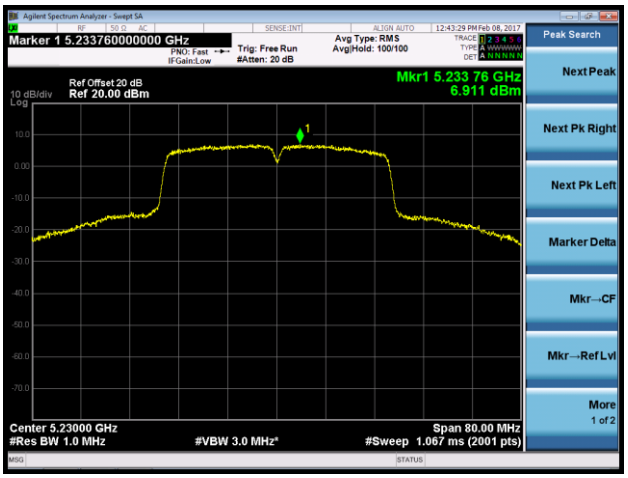
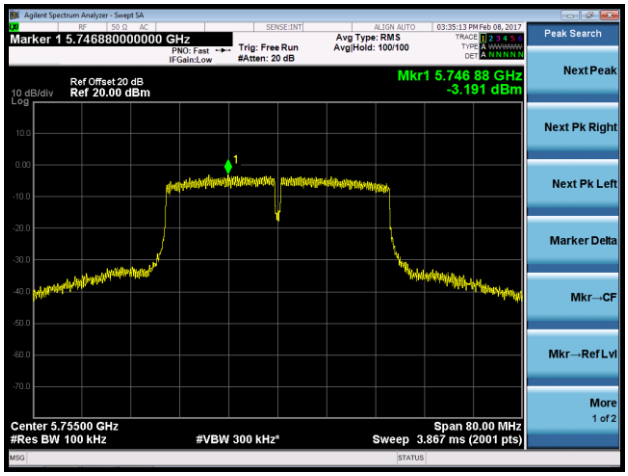
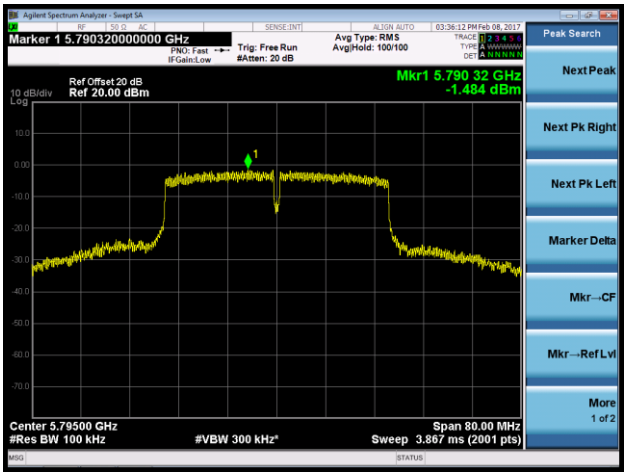
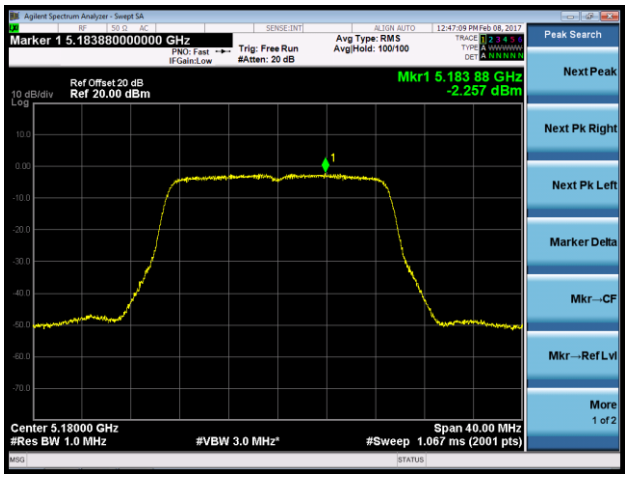
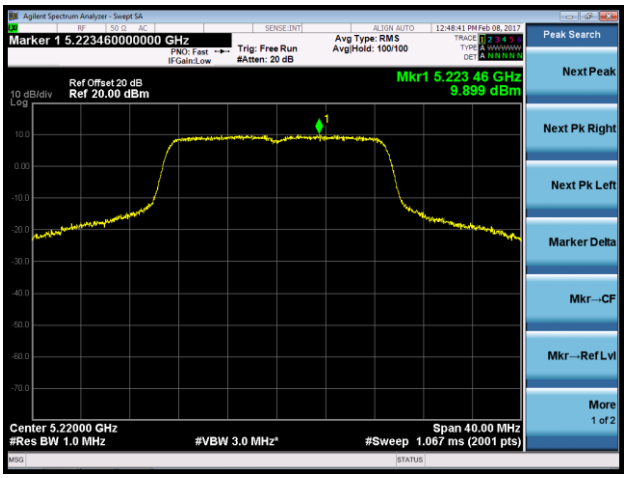
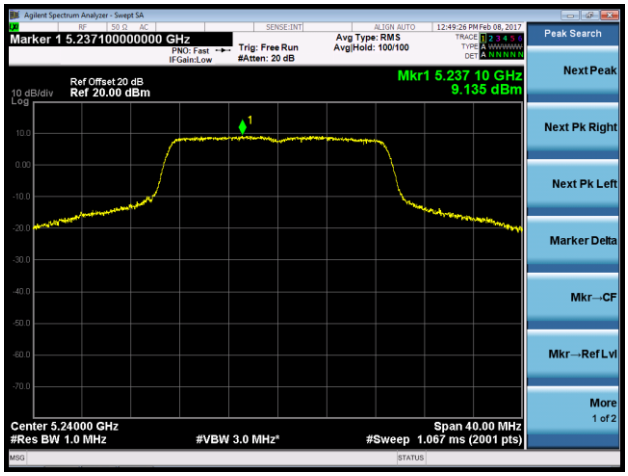
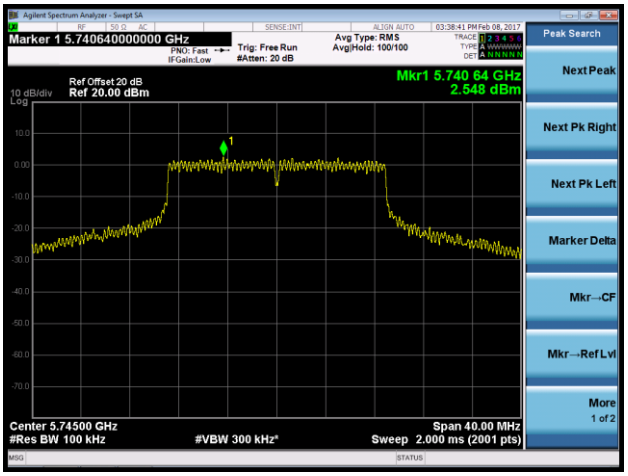
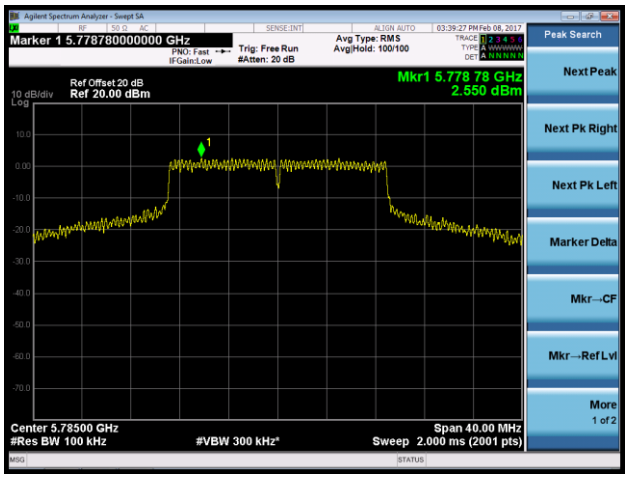
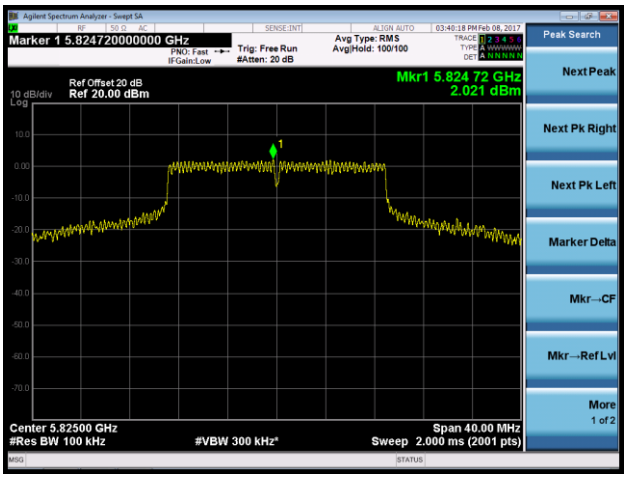
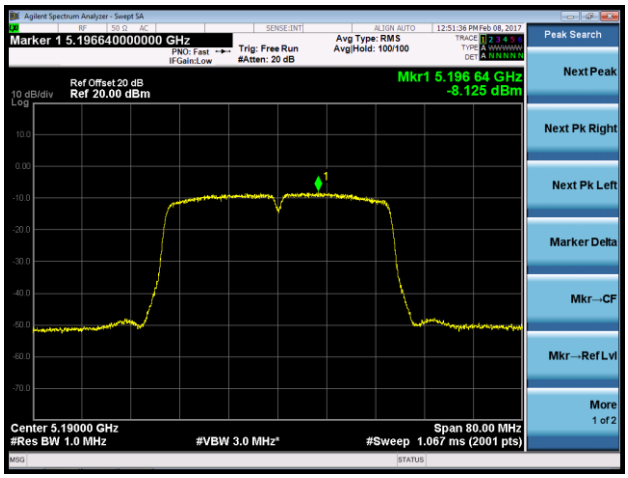
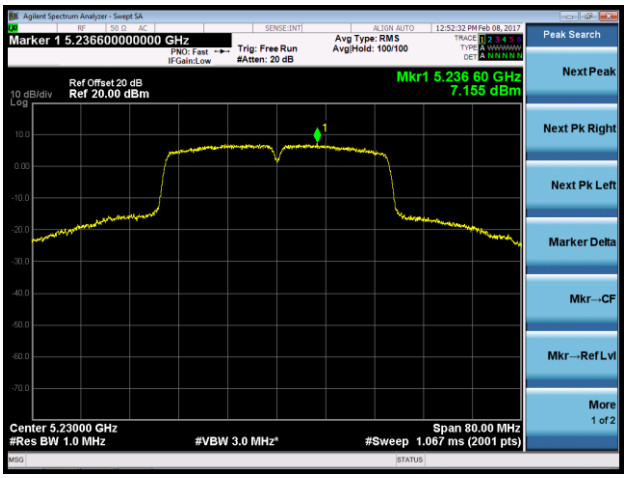
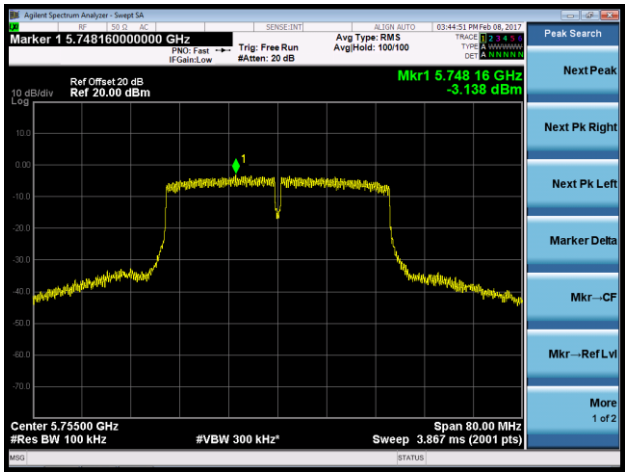
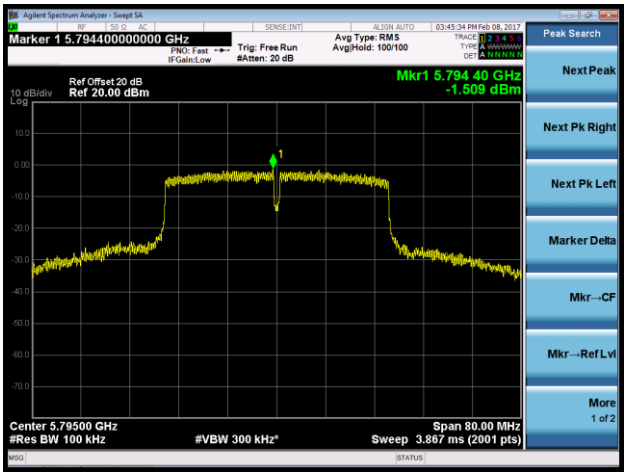
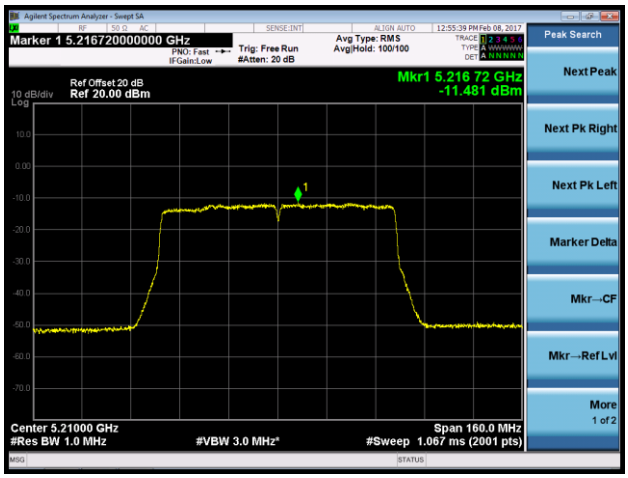
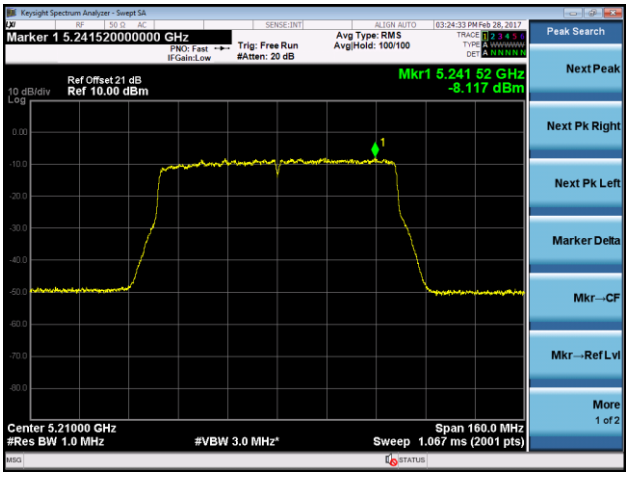
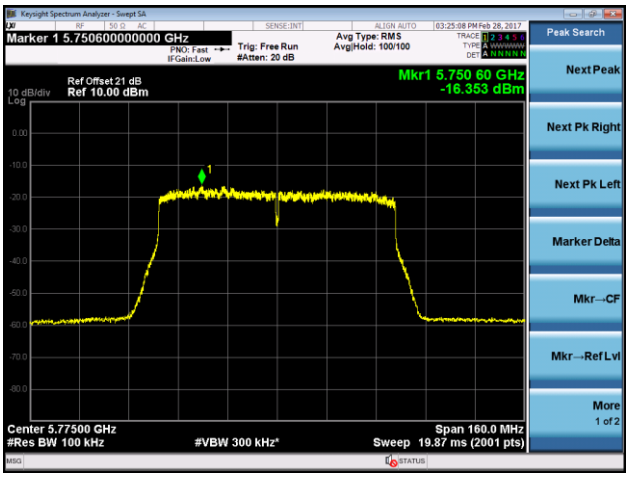
802.11n-HT40 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 42 (5210MHz)	**Channel 155 (5775MHz)**
	

802.11ac-VHT 80 + 80 Power Spectral Density - Ant 0 / Ant 0 + 1	
Channel 42 (5210MHz)	
	
802.11ac-VHT 80 + 80 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 155 (5775MHz)	
	

Radio B Power Spectral Density Test Result

Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ MHz)	Ant 1 PSD (dBm/ MHz)	Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	Result
11a	6	36	5180	2.38	2.84	96.80	5.77	≤ 16.99	Pass
11a	6	44	5220	11.88	13.02	96.80	15.64	≤ 16.99	Pass
11a	6	48	5240	12.50	12.66	96.80	15.73	≤ 16.99	Pass
11n-HT20	26	36	5180	3.90	4.31	98.62	7.12	≤ 16.99	Pass
11n-HT20	26	44	5220	10.35	10.94	98.62	13.67	≤ 16.99	Pass
11n-HT20	26	48	5240	10.70	10.78	98.62	13.75	≤ 16.99	Pass
11n-HT40	54	38	5190	-3.48	-2.85	97.39	-0.03	≤ 16.99	Pass
11n-HT40	54	46	5230	8.66	9.30	97.39	12.12	≤ 16.99	Pass
11ac-VHT20	26	36	5180	0.82	1.80	98.43	4.35	≤ 16.99	Pass
11ac-VHT20	26	44	5220	11.70	12.46	98.43	15.11	≤ 16.99	Pass
11ac-VHT20	26	48	5240	12.15	12.36	98.43	15.27	≤ 16.99	Pass
11ac-VHT40	54	38	5190	-3.38	-2.77	97.20	0.07	≤ 16.99	Pass
11ac-VHT40	54	46	5230	9.22	10.08	97.20	12.80	≤ 16.99	Pass
11ac-VHT80	117.2	42	5210	-5.48	-4.82	94.55	-1.88	≤ 16.99	Pass

Note 1: When EUT duty cycle ≥ 98%, the Total PSD (dBm/MHz) = $10*\log\{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$.

Note 2: When EUT duty cycle < 98%, the Total PSD (dBm/MHz) = $10*\log\{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ + 10*log(1/Duty Cycle).

Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ MHz)	Ant 1 PSD (dBm/ MHz)	Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	Result
11ac-VHT 80+80	29.3	42	5210	-3.75	--	94.55	-3.51	≤ 17.00	Pass

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

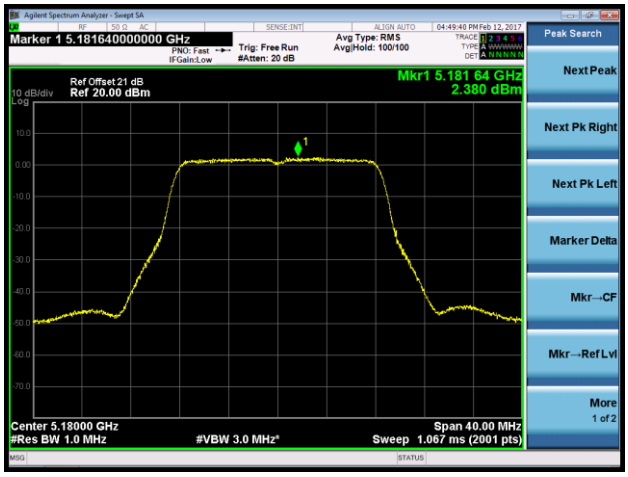
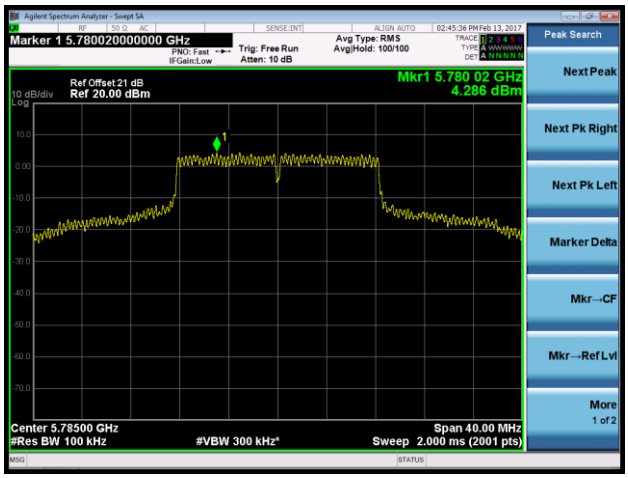
Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ MHz)	Ant 1 PSD (dBm/ MHz)	Duty Cycle (%)	Constant Factor	Total PSD (dBm/ 500kHz)	Limit (dBm/ 500kHz)	Result
11a	6	149	5745	4.38	4.28	96.80	7.00	14.48	≤ 30.00	Pass
11a	6	157	5785	4.29	4.04	96.80	7.00	14.32	≤ 30.00	Pass
11a	6	165	5825	4.54	4.29	96.80	7.00	14.57	≤ 30.00	Pass
11n-HT20	26	149	5745	3.87	3.83	98.62	7.00	13.86	≤ 30.00	Pass
11n-HT20	26	157	5785	3.88	3.87	98.62	7.00	13.89	≤ 30.00	Pass
11n-HT20	26	165	5825	3.46	3.49	98.62	7.00	13.49	≤ 30.00	Pass
11n-HT40	54	151	5755	0.93	1.25	97.39	7.00	11.22	≤ 30.00	Pass
11n-HT40	54	159	5795	1.43	1.17	97.39	7.00	11.43	≤ 30.00	Pass
11ac-VHT20	26	149	5745	4.13	3.90	98.43	7.00	14.03	≤ 30.00	Pass
11ac-VHT20	26	157	5785	3.97	3.71	98.43	7.00	13.85	≤ 30.00	Pass
11ac-VHT20	26	165	5825	4.02	3.69	98.43	7.00	13.87	≤ 30.00	Pass
11ac-VHT40	54	151	5755	1.67	1.92	97.20	7.00	11.93	≤ 30.00	Pass
11ac-VHT40	54	159	5795	1.18	0.99	97.20	7.00	11.22	≤ 30.00	Pass
11ac-VHT80	117.2	155	5775	-5.63	-5.95	94.55	7.00	4.47	≤ 30.00	Pass

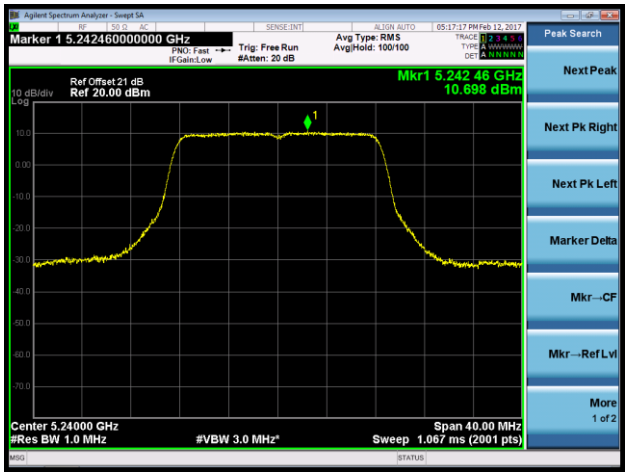
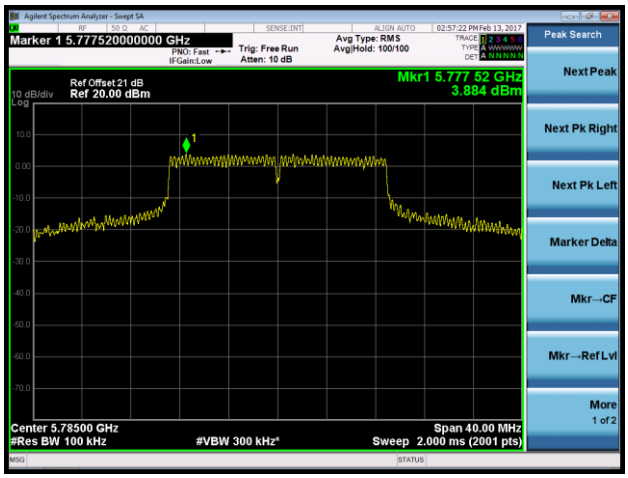
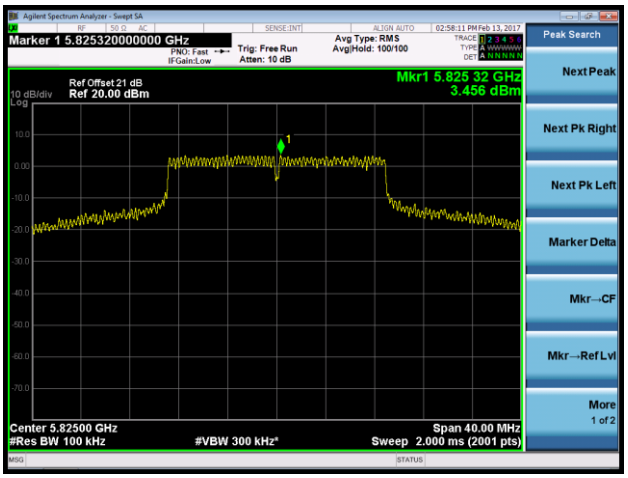
Note 1: When EUT duty cycle ≥ 98%, the Total PSD (dBm/MHz) = $10*\log\{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ + Constant Factor.

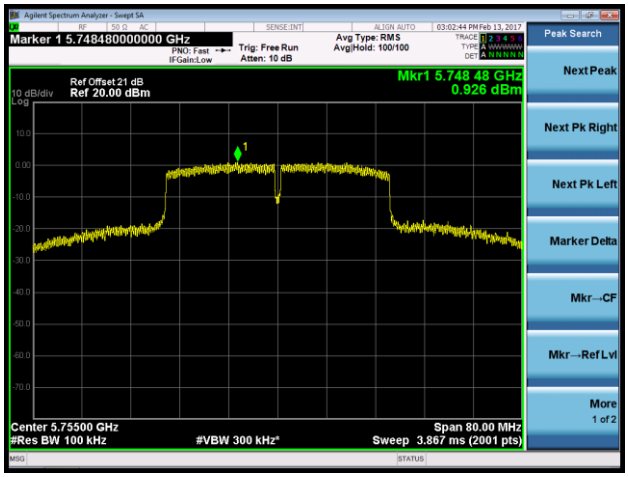
Note 2: When EUT duty cycle < 98%, the Total PSD (dBm/MHz) = $10*\log\{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ + 10*log(1/Duty Cycle) + Constant Factor.

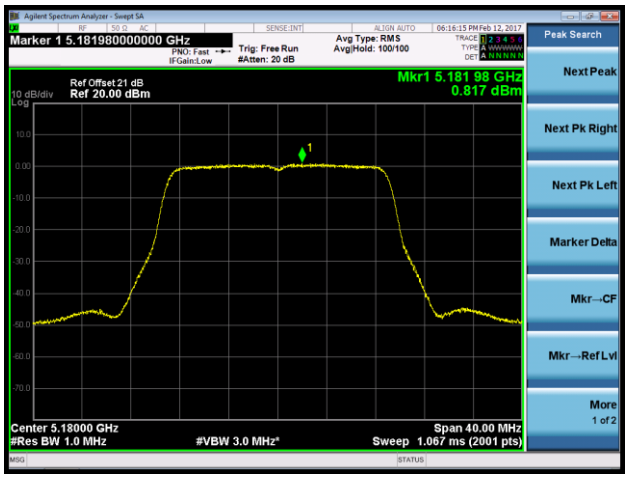
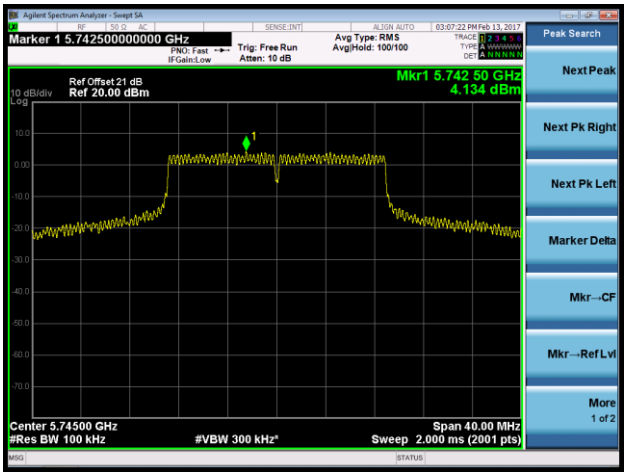
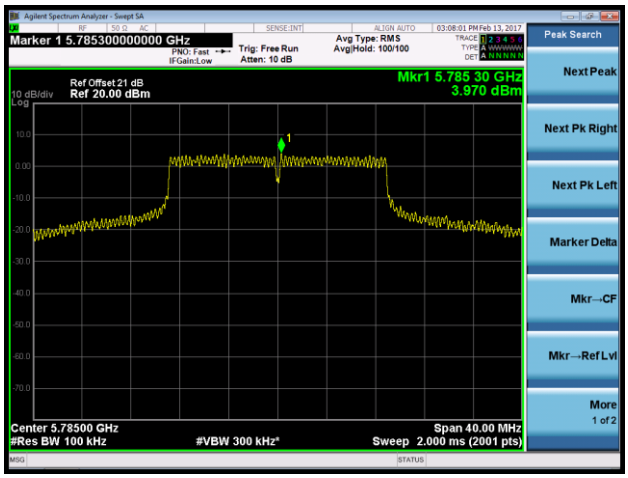
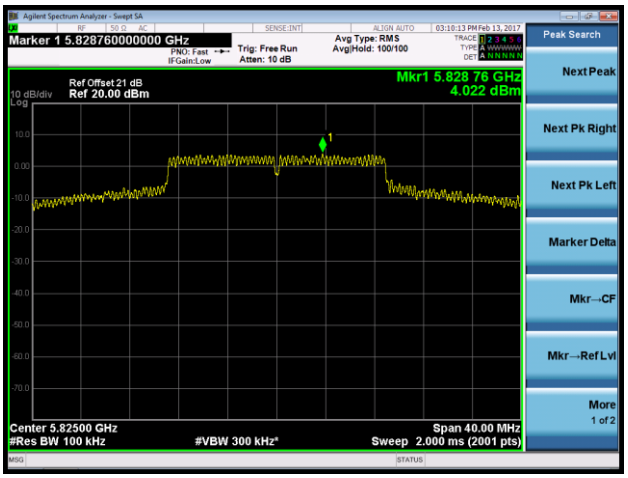
Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ MHz)	Ant 1 PSD (dBm/ MHz)	Duty Cycle (%)	Constant Factor	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	Result
11ac-VHT 80+80	29.3	42	5210	--	-11.51	94.55	7.00	-4.27	≤ 17.00	Pass

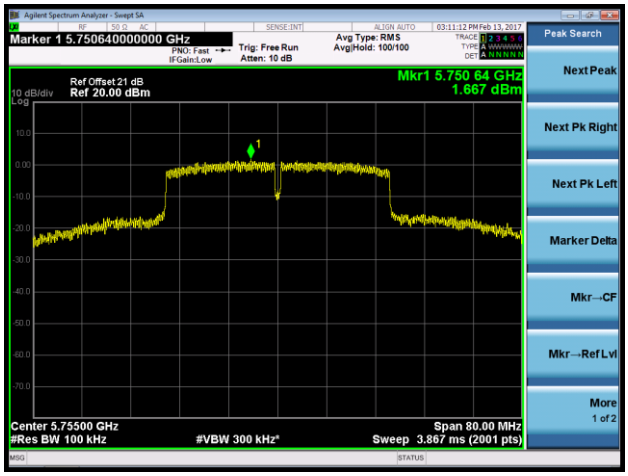
Note: When EUT duty cycle < 98%, the Total PSD (dBm/MHz) = Ant 0 PSD + 10*log(1/Duty Cycle).

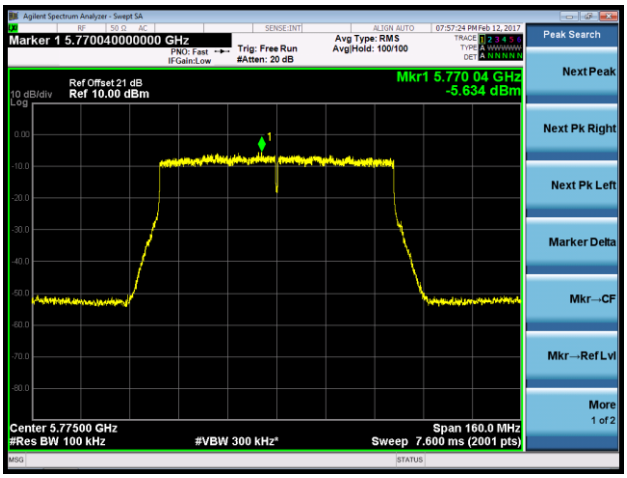
802.11a Power Spectral Density - Ant 0 / Ant 0 + 1	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

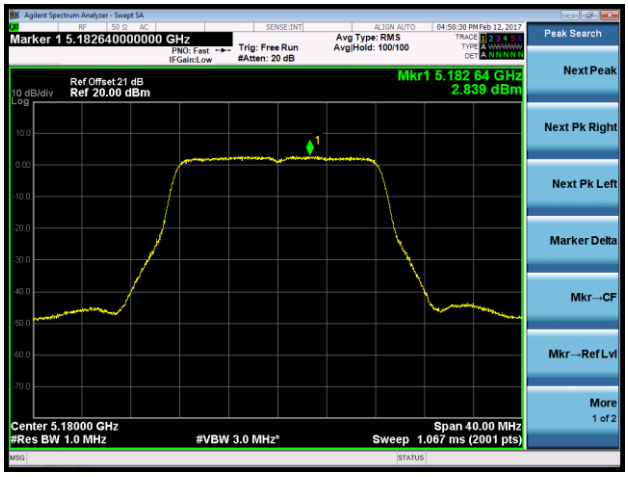
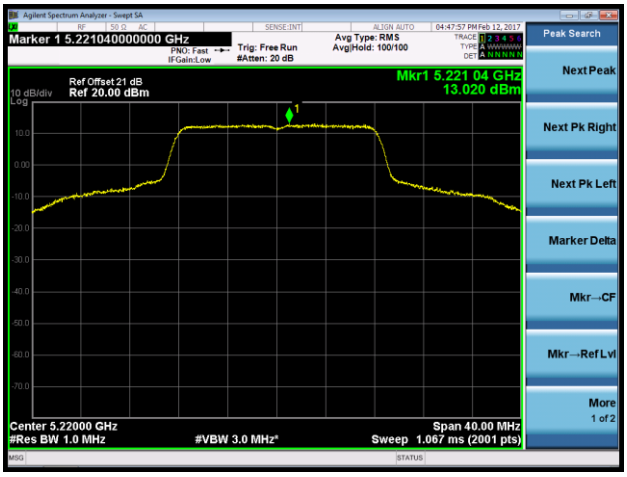
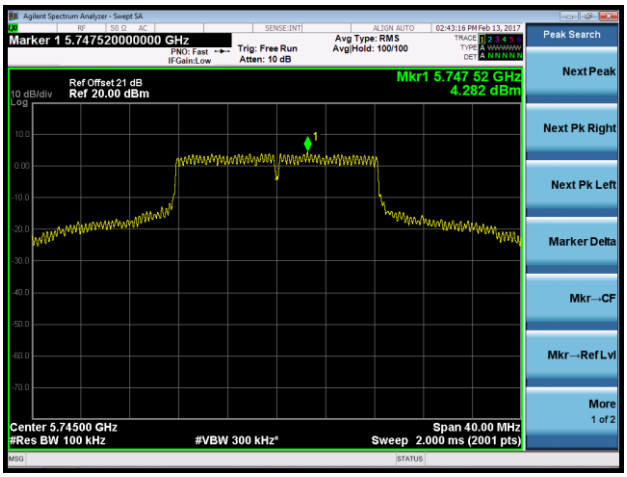
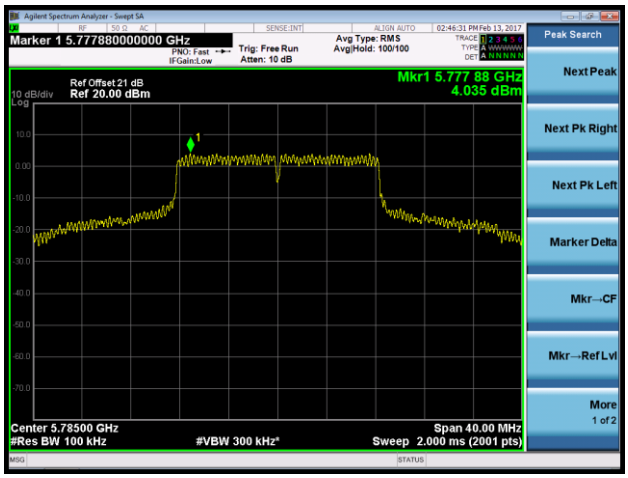
802.11n-HT20 Power Spectral Density - Ant 0 / Ant 0 + 1	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

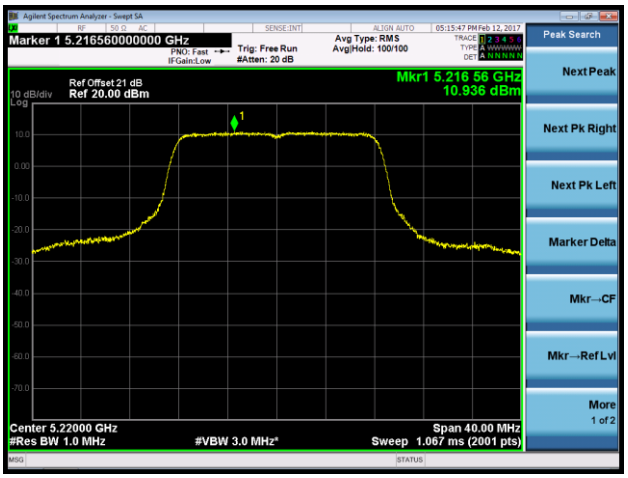
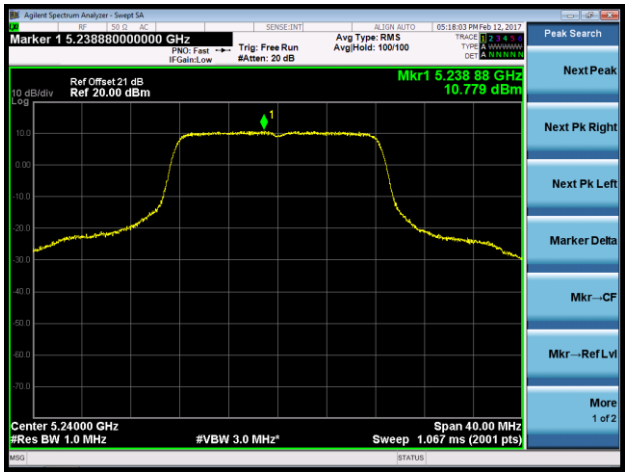
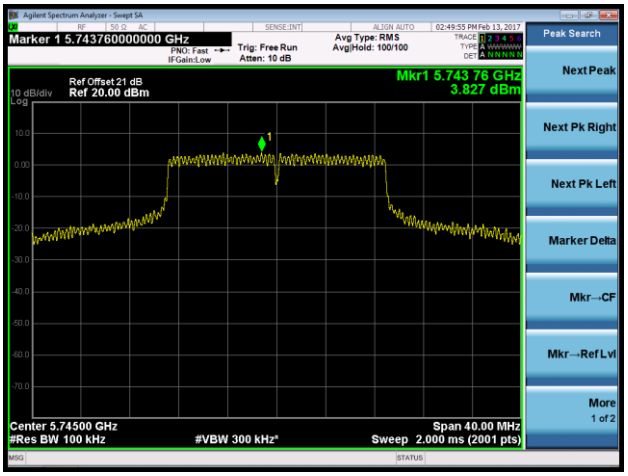
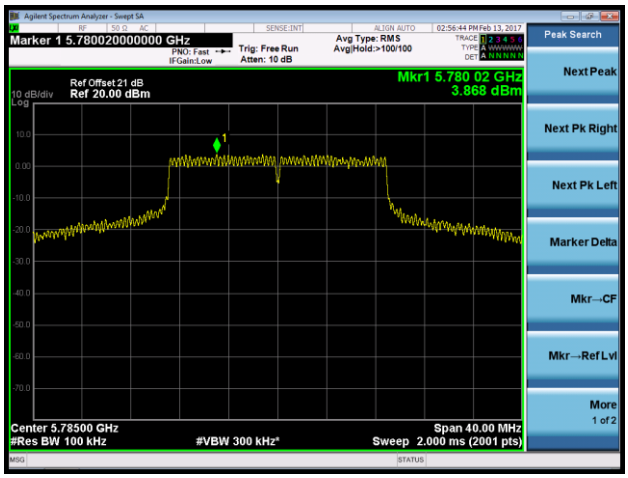
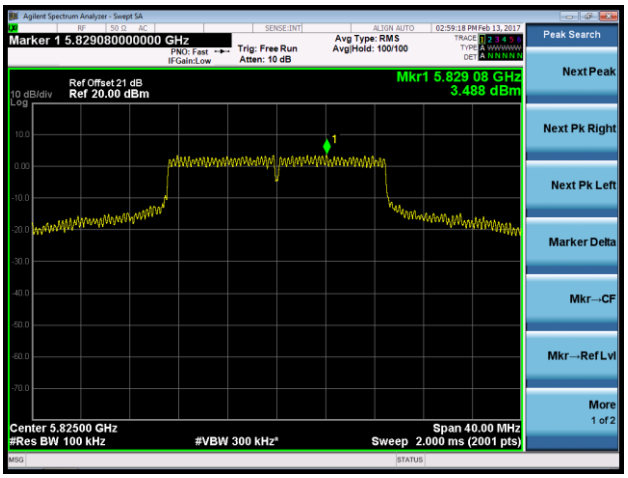
802.11n-HT40 Power Spectral Density - Ant 0 / Ant 0 + 1	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

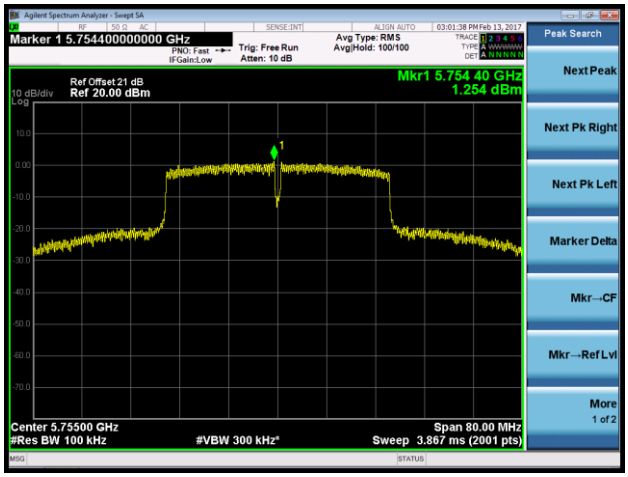
802.11ac-VHT20 Power Spectral Density - Ant 0 / Ant 0 + 1	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11ac-VHT40 Power Spectral Density - Ant 0 / Ant 0 + 1	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT80 Power Spectral Density - Ant 0 / Ant 0 + 1	
Channel 42 (5210MHz)	**Channel 155 (5775MHz)**
	

802.11a Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11n-HT20 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11n-HT40 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

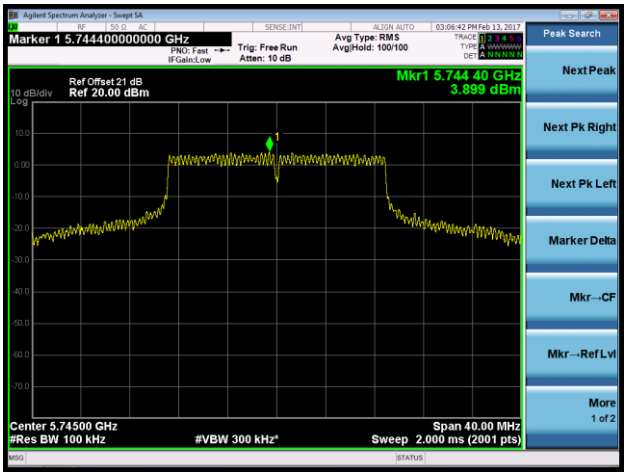
802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 0 + 1

Channel 36 (5180MHz)

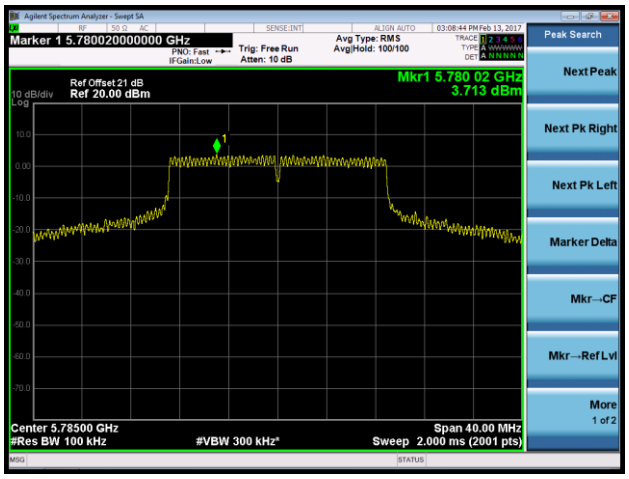
Channel 44 (5220MHz)

Channel 48 (5240MHz)

Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)